

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072258.D
 Acq On : 28 Apr 2022 23:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2022
 Supervised By : Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 06:39:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	270928	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	467904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	426748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	170379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	205252	49.347	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.700%		
35) Dibromofluoromethane	8.016	113	141893	47.379	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.760%		
50) Toluene-d8	10.439	98	563780	47.908	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.820%		
62) 4-Bromofluorobenzene	12.727	95	199049	50.960	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	140800	46.355	ug/l	99
3) Chloromethane	2.299	50	146216	42.793	ug/l	100
4) Vinyl Chloride	2.440	62	129491	42.457	ug/l	94
5) Bromomethane	2.834	94	71811	49.149	ug/l	99
6) Chloroethane	3.004	64	77461	44.759	ug/l	97
7) Trichlorofluoromethane	3.369	101	238607	44.781	ug/l	97
8) Diethyl Ether	3.822	74	89993	46.643	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.210	101	122801	43.875	ug/l	96
10) Methyl Iodide	4.422	142	156472	46.056	ug/l	# 85
11) Tert butyl alcohol	5.369	59	177453	259.614	ug/l	99
12) 1,1-Dichloroethene	4.181	96	112495	43.475	ug/l	84
13) Acrolein	4.040	56	148767	216.271	ug/l	98
14) Allyl chloride	4.834	41	230296	42.865	ug/l	96
15) Acrylonitrile	5.551	53	477002	231.257	ug/l	99
16) Acetone	4.281	43	407818	227.417	ug/l	94
17) Carbon Disulfide	4.534	76	258997	42.595	ug/l	99
18) Methyl Acetate	4.851	43	224166	44.711	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	508045	50.089	ug/l	99
20) Methylene Chloride	5.098	84	146452	42.606	ug/l	90
21) trans-1,2-Dichloroethene	5.592	96	125053	43.827	ug/l	91
22) Diisopropyl ether	6.492	45	495634	44.787	ug/l	97
23) Vinyl Acetate	6.428	43	2150312	231.362	ug/l	94
24) 1,1-Dichloroethane	6.387	63	275754	44.548	ug/l	99
25) 2-Butanone	7.328	43	642244	224.883	ug/l	93
26) 2,2-Dichloropropane	7.322	77	196258	40.588	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	155691	44.758	ug/l	92
28) Bromochloromethane	7.657	49	117957	42.556	ug/l	83
29) Tetrahydrofuran	7.681	42	419205	223.667	ug/l	92
30) Chloroform	7.816	83	283505	45.615	ug/l	96
31) Cyclohexane	8.092	56	224914	40.470	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	256023	48.406	ug/l	99
36) 1,1-Dichloropropene	8.216	75	195283	44.798	ug/l	96
37) Ethyl Acetate	7.410	43	255565	44.146	ug/l	97
38) Carbon Tetrachloride	8.204	117	217733	46.635	ug/l	98
39) Methylcyclohexane	9.457	83	220447	45.215	ug/l	94
40) Benzene	8.457	78	594977	44.003	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	134422	45.899	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	238400	46.054	ug/l	97
43) Isopropyl Acetate	8.557	43	393846	43.437	ug/l	96
44) Trichloroethene	9.210	130	136848	43.508	ug/l	83
45) 1,2-Dichloropropane	9.486	63	156785	42.912	ug/l	99
46) Dibromomethane	9.575	93	104912	45.837	ug/l	90
47) Bromodichloromethane	9.757	83	228162	47.509	ug/l	99
48) Methyl methacrylate	9.557	41	178892	46.781	ug/l	95
49) 1,4-Dioxane	9.563	88	68230	1015.729	ug/l #	91
51) 4-Methyl-2-Pentanone	10.327	43	1277967	233.966	ug/l	96
52) Toluene	10.504	92	379852	46.992	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	235282	48.736	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	249732	47.833	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	151244	44.624	ug/l	97
56) Ethyl methacrylate	10.757	69	264189	44.768	ug/l	93
57) 1,3-Dichloropropane	11.039	76	272922	45.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	340705	215.949	ug/l	95
59) 2-Hexanone	11.080	43	925791	240.564	ug/l	94
60) Dibromochloromethane	11.233	129	167994	48.472	ug/l	99
61) 1,2-Dibromoethane	11.339	107	155253	46.578	ug/l	98
64) Tetrachloroethene	10.974	164	115182	44.839	ug/l	95
65) Chlorobenzene	11.769	112	387327	44.920	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	154227	47.469	ug/l	96
67) Ethyl Benzene	11.839	91	753912	50.136	ug/l	98
68) m/p-Xylenes	11.951	106	548748	98.273	ug/l	89
69) o-Xylene	12.274	106	269387	49.764	ug/l	90
70) Styrene	12.292	104	436675	51.212	ug/l	95
71) Bromoform	12.451	173	120473	49.856	ug/l #	98
73) Isopropylbenzene	12.574	105	722694	48.026	ug/l	97
74) N-amyl acetate	12.380	43	265340	47.066	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	237064	47.153	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	189671m	48.046	ug/l	
77) Bromobenzene	12.857	156	157058	44.135	ug/l	86
78) n-propylbenzene	12.916	91	788724	47.578	ug/l	96
79) 2-Chlorotoluene	13.004	91	500521	45.967	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	601109	47.966	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	66504	45.132	ug/l	92
82) 4-Chlorotoluene	13.098	91	476144	46.975	ug/l	94
83) tert-Butylbenzene	13.321	119	525999	47.804	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	599465	49.439	ug/l	94
85) sec-Butylbenzene	13.498	105	695673	48.495	ug/l	97
86) p-Isopropyltoluene	13.610	119	570950	51.052	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	264752	45.968	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	256189	45.740	ug/l	96
89) n-Butylbenzene	13.939	91	427903	49.952	ug/l	98
90) Hexachloroethane	14.204	117	104873	43.197	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	258947	45.616	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	47861	45.987	ug/l	81
93) 1,2,4-Trichlorobenzene	15.257	180	118420	45.361	ug/l	97
94) Hexachlorobutadiene	15.362	225	68227	44.852	ug/l	98
95) Naphthalene	15.504	128	415471	47.331	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	122553	47.026	ug/l	96

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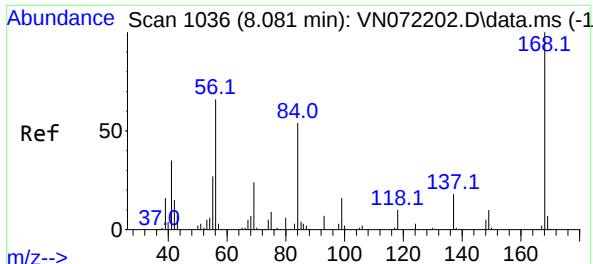
Manual Integrations
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Quant Title : SW846 8260
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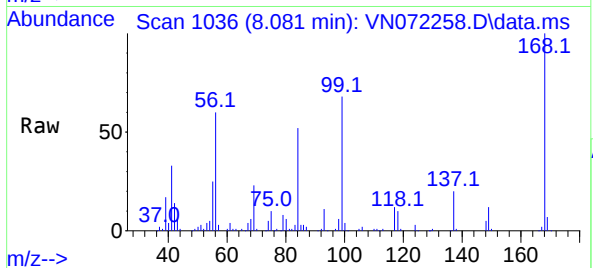
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072258.D
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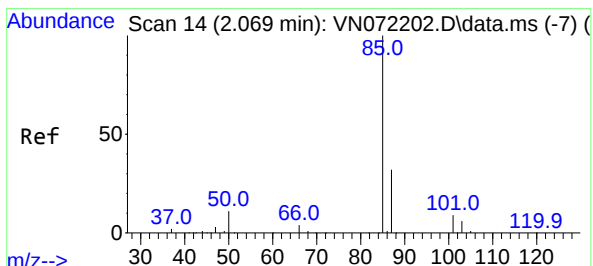
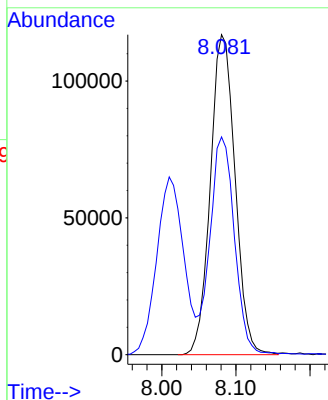
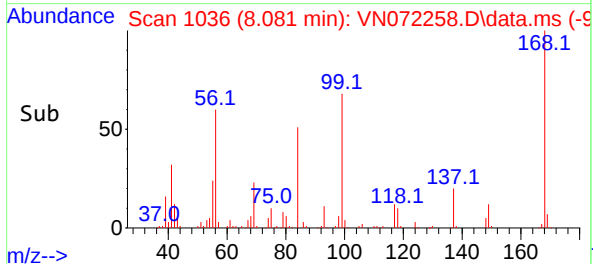
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



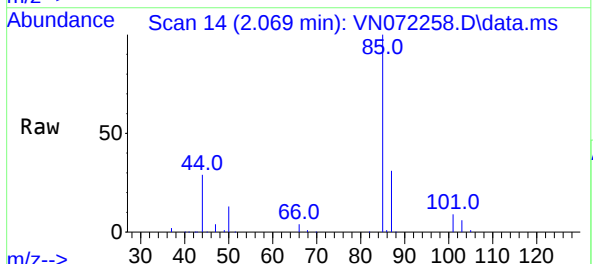
Tgt Ion:168 Resp: 270928
Ion Ratio Lower Upper
168 100
99 67.7 42.3 63.5

Manual Integrations
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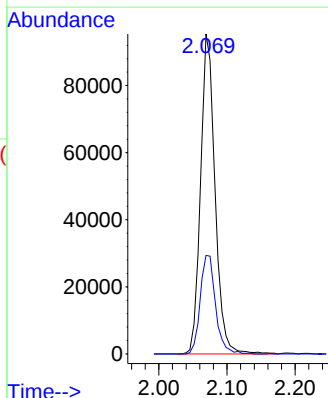
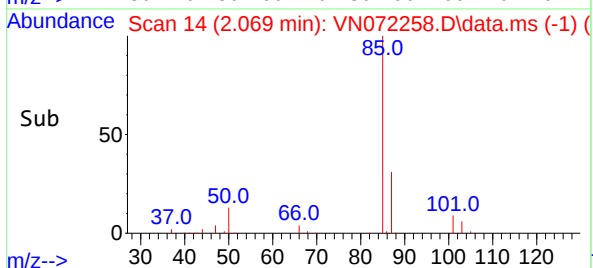
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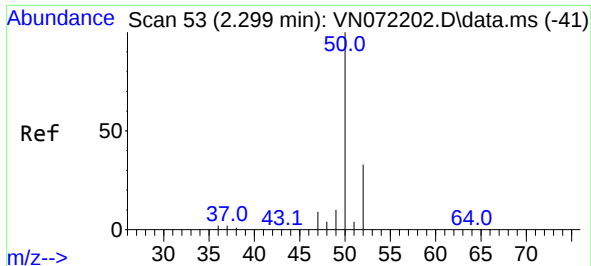


#2
Dichlorodifluoromethane
Concen: 46.355 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



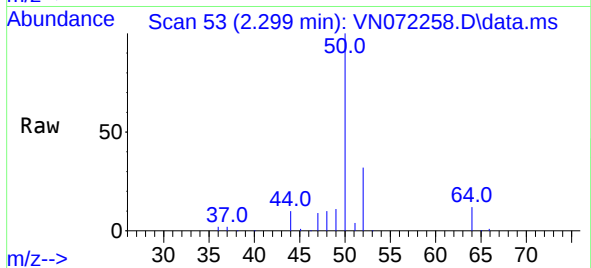
Tgt Ion: 85 Resp: 140800
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.1





#3
Chloromethane
Concen: 42.793 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

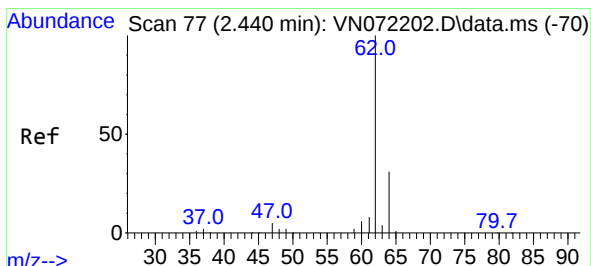
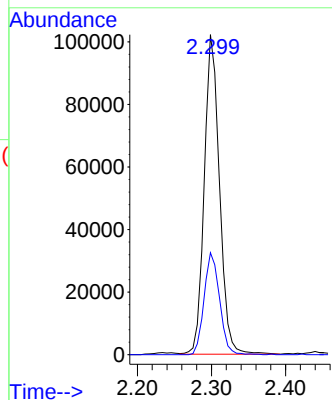
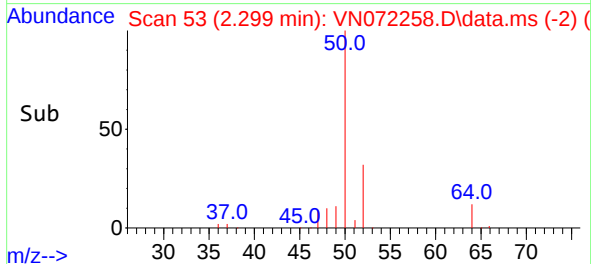
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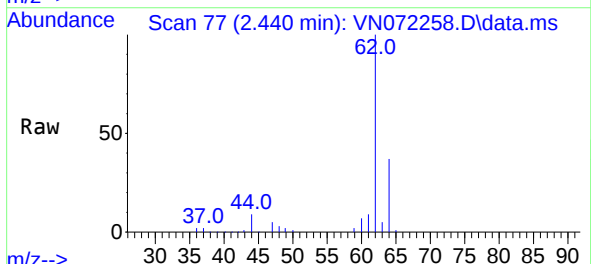
Tgt Ion: 50 Resp: 146210
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5

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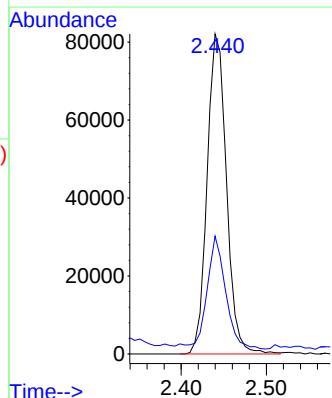
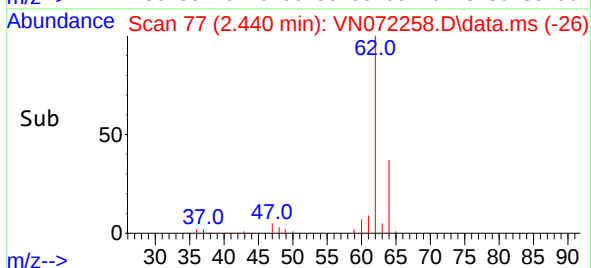
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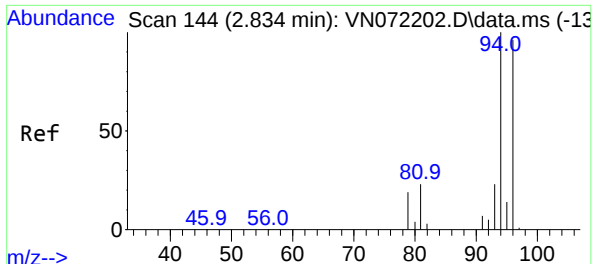


#4
Vinyl Chloride
Concen: 42.457 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072258.D
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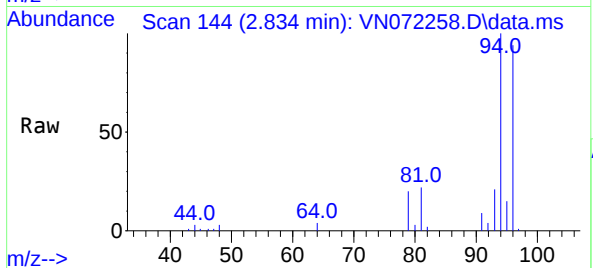
Tgt Ion: 62 Resp: 129491
Ion Ratio Lower Upper
62 100
64 34.7 25.0 37.4





#5
Bromomethane
Concen: 49.149 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

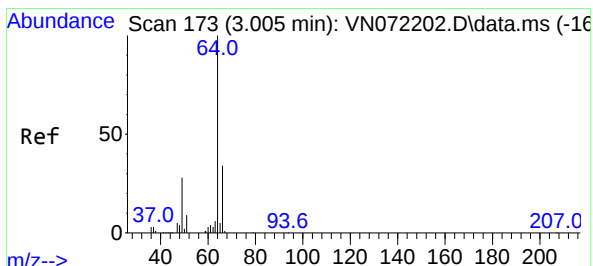
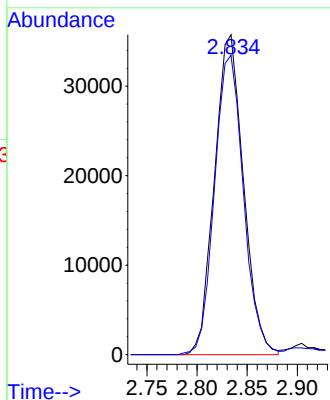
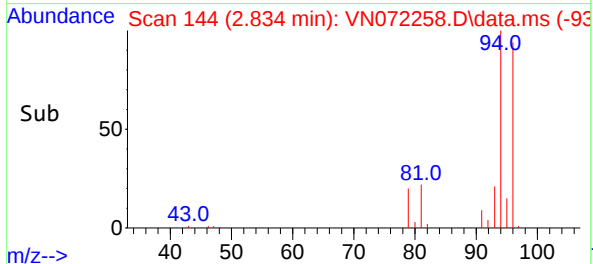
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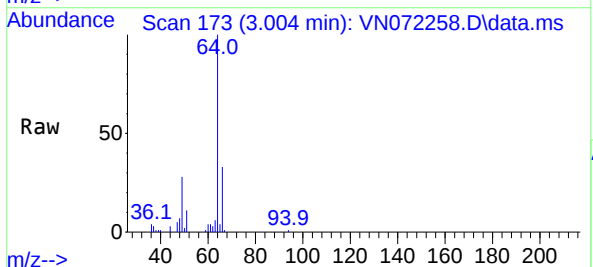
Tgt Ion: 94 Resp: 7181
Ion Ratio Lower Upper
94 100
96 93.6 76.0 114.0

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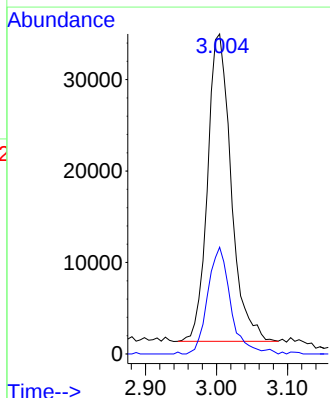
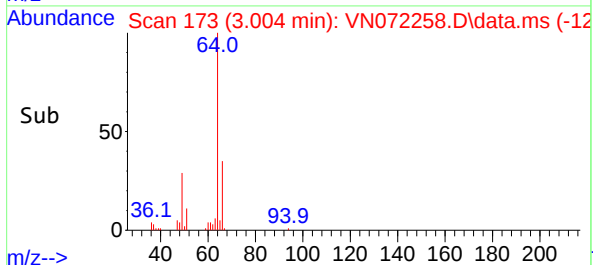
Reviewed By :John Carlone 04/29/2022
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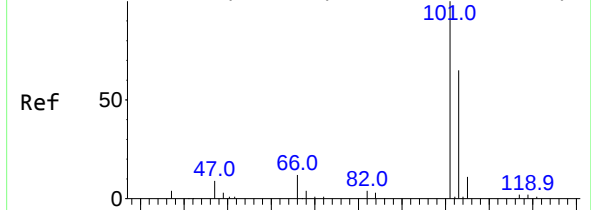
#6
Chloroethane
Concen: 44.759 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion: 64 Resp: 77461
Ion Ratio Lower Upper
64 100
66 34.7 26.2 39.4



Abundance Scan 235 (3.369 min): VN072202.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 44.781 ug/l

RT: 3.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072258.D

Acq: 28 Apr 2022 23:25

Instrument :

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Tgt Ion:101 Resp: 23860

Ion Ratio Lower Upper

101 100

103 67.1 51.5 77.3

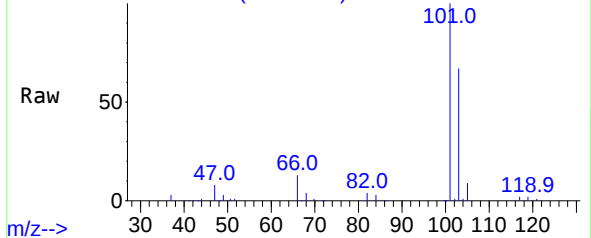
Manual Integrations

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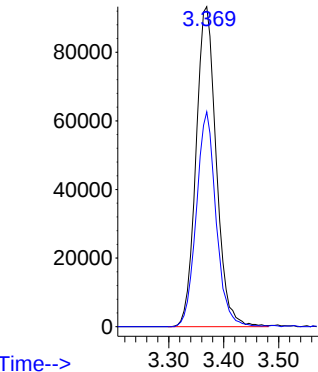
Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022

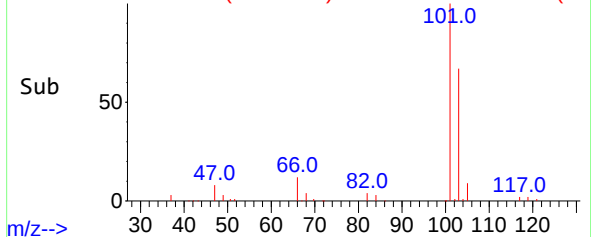
Abundance Scan 235 (3.369 min): VN072258.D\data.ms



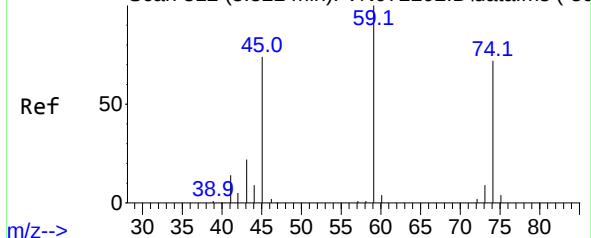
Abundance



Abundance Scan 235 (3.369 min): VN072258.D\data.ms (-18



Abundance Scan 312 (3.822 min): VN072202.D\data.ms (-30



#8

Diethyl Ether

Concen: 46.643 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.000 min

Lab File: VN072258.D

Acq: 28 Apr 2022 23:25

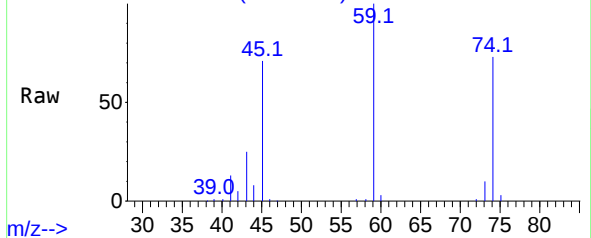
Tgt Ion: 74 Resp: 89993

Ion Ratio Lower Upper

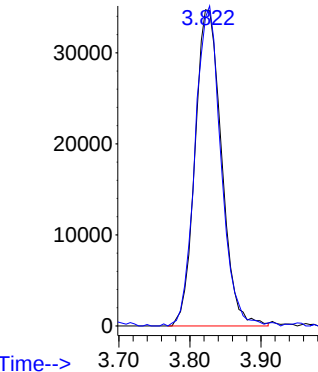
74 100

45 98.6 42.9 128.5

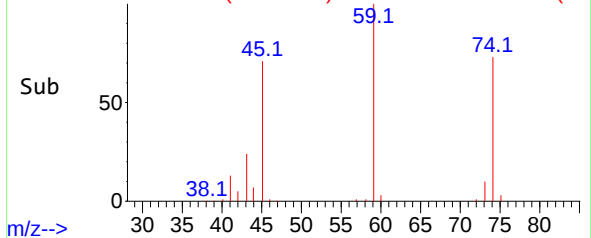
Abundance Scan 312 (3.822 min): VN072258.D\data.ms



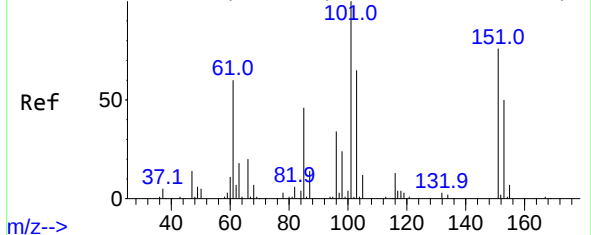
Abundance



Abundance Scan 312 (3.822 min): VN072258.D\data.ms (-26

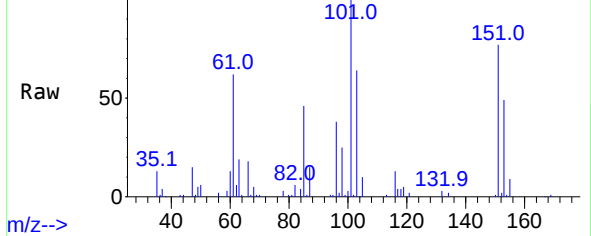


Abundance Scan 378 (4.210 min): VN072202.D\data.ms (-36



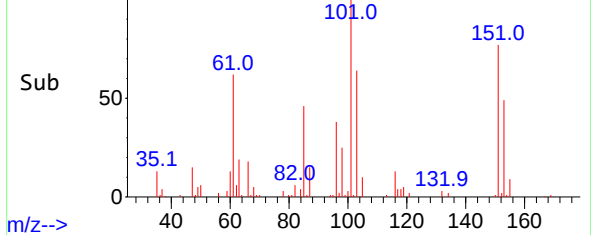
m/z-->

Abundance Scan 378 (4.210 min): VN072258.D\data.ms



m/z-->

Abundance Scan 378 (4.210 min): VN072258.D\data.ms (-32



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.875 ug/l

RT: 4.210 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN072258.D

Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 12280

Ion Ratio Lower Upper

101 100

85 45.7 34.7 52.1

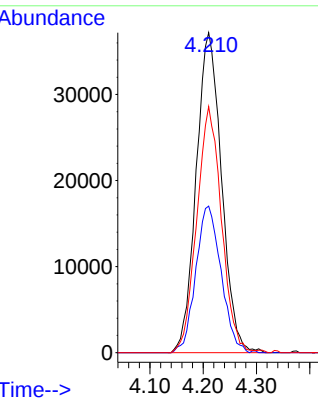
151 75.0 63.0 94.4

Manual Integrations

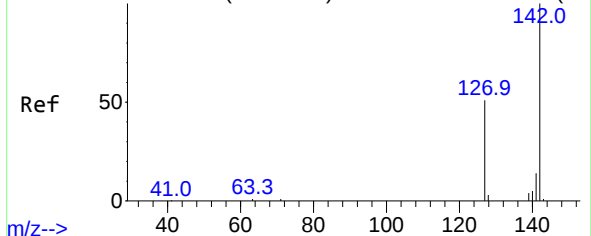
APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022

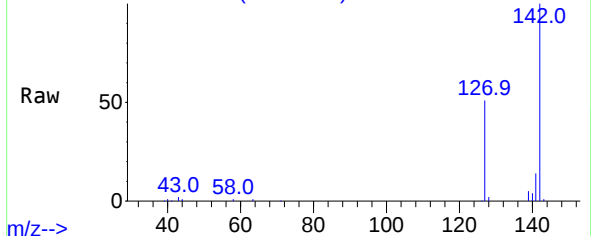


Abundance Scan 414 (4.422 min): VN072202.D\data.ms (-40



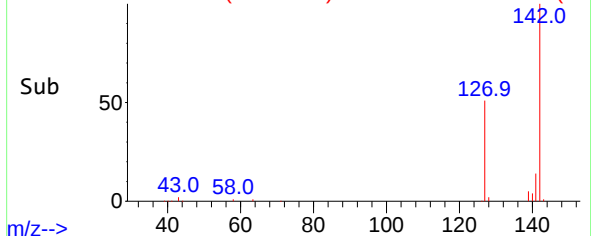
m/z-->

Abundance Scan 414 (4.422 min): VN072258.D\data.ms



m/z-->

Abundance Scan 414 (4.422 min): VN072258.D\data.ms (-36



m/z-->

#10

Methyl Iodide

Concen: 46.056 ug/l

RT: 4.422 min Scan# 414

Delta R.T. -0.000 min

Lab File: VN072258.D

Acq: 28 Apr 2022 23:25

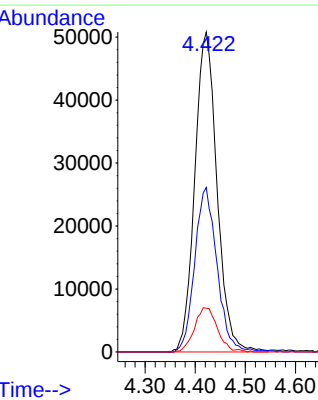
Tgt Ion:142 Resp: 156472

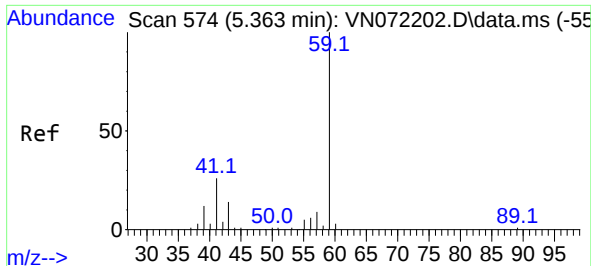
Ion Ratio Lower Upper

142 100

127 51.4 31.3 46.9#

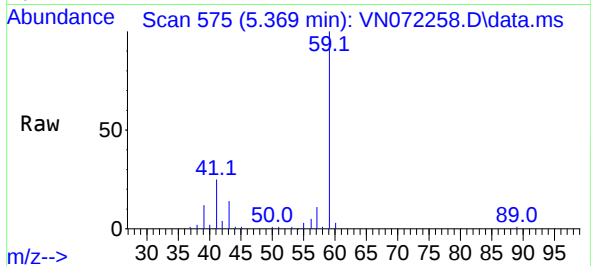
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 259.614 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

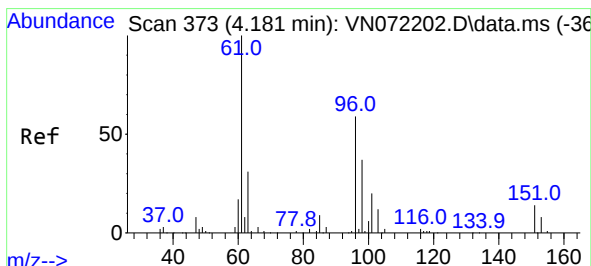
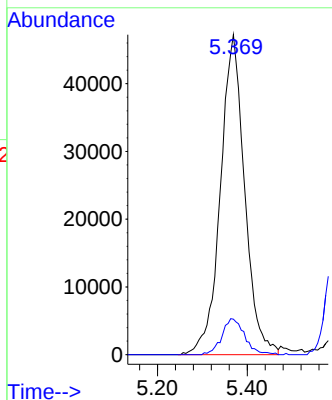
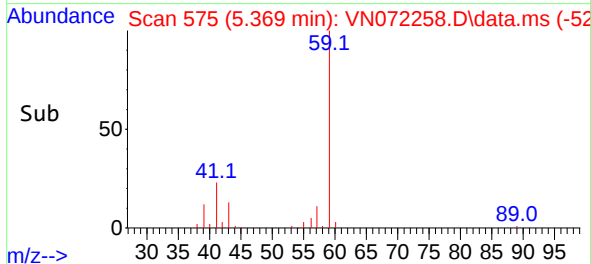
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



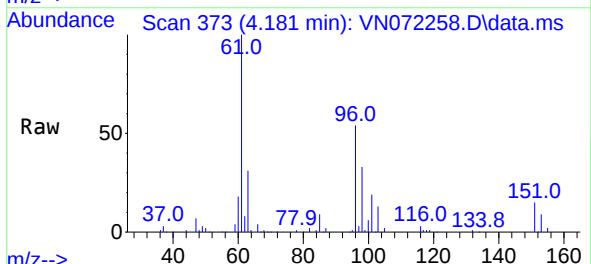
Tgt Ion: 59 Resp: 17745
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

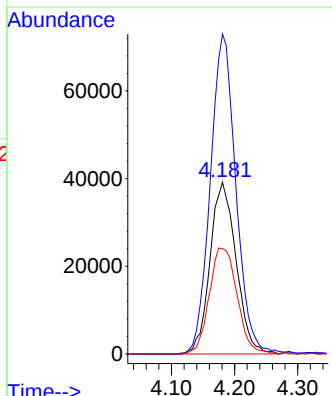
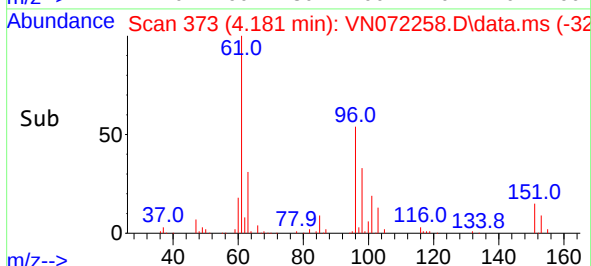
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

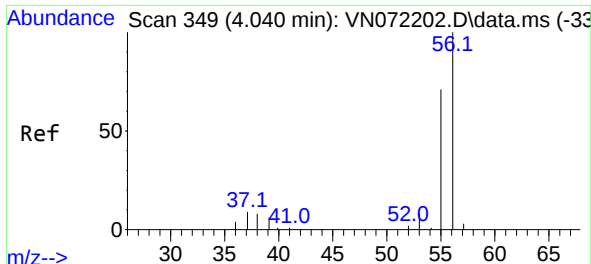


#12
1,1-Dichloroethene
Concen: 43.475 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



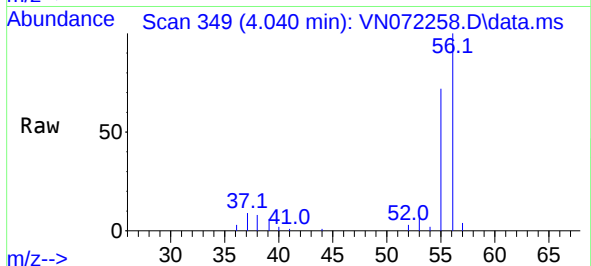
Tgt Ion: 96 Resp: 112495
Ion Ratio Lower Upper
96 100
61 186.4 127.6 191.4
98 61.4 51.2 76.8





#13
Acrolein
Concen: 216.271 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

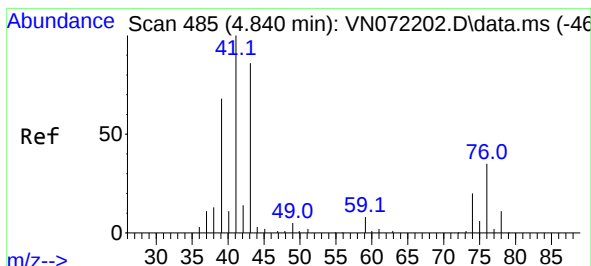
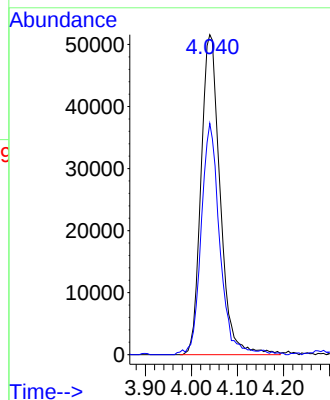
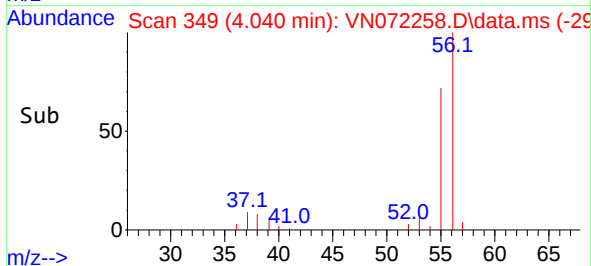
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



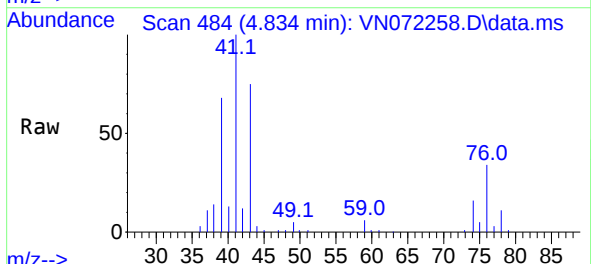
Tgt Ion: 56 Resp: 14876
Ion Ratio Lower Upper
56 100
55 69.9 54.8 82.2

Manual Integrations
APPROVED

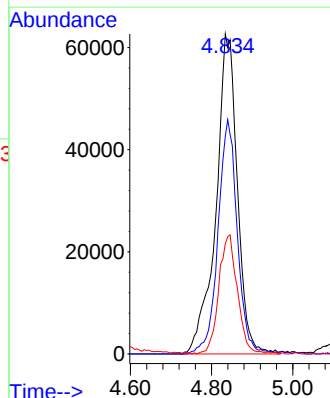
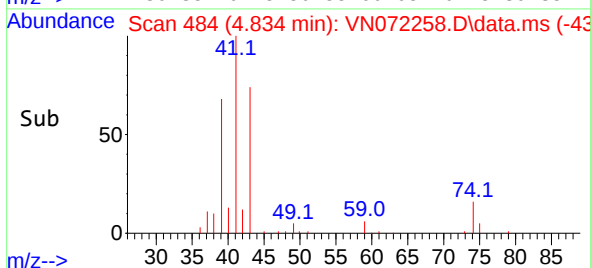
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

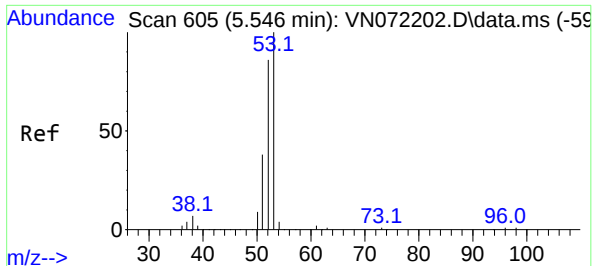


#14
Allyl chloride
Concen: 42.865 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



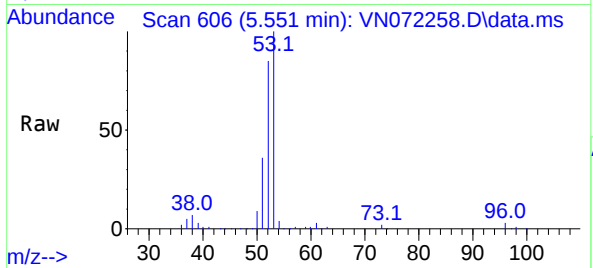
Tgt Ion: 41 Resp: 230296
Ion Ratio Lower Upper
41 100
39 65.7 53.2 79.8
76 32.2 29.9 44.9





#15
Acrylonitrile
Concen: 231.257 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

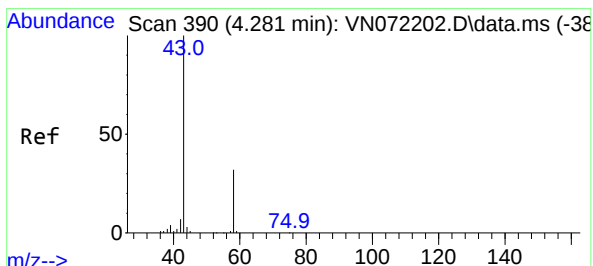
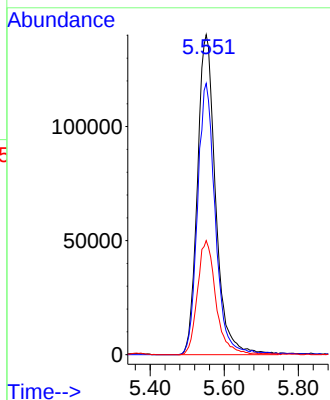
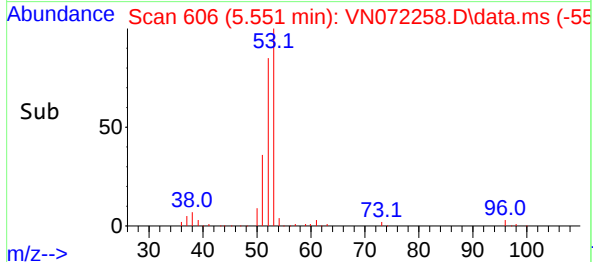
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 477002
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.1 28.5 42.7

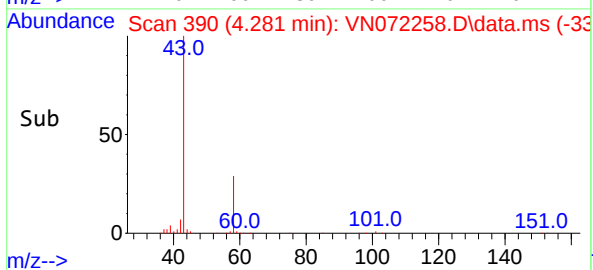
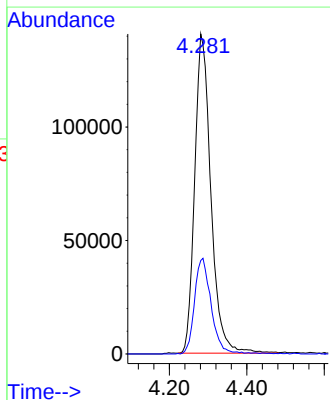
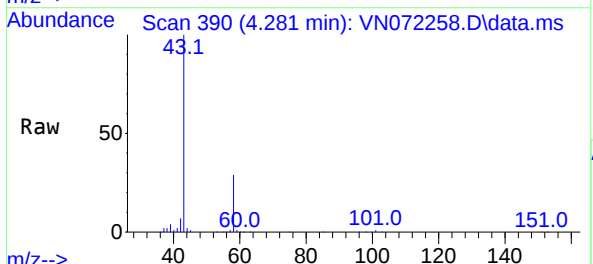
Manual Integrations
APPROVED

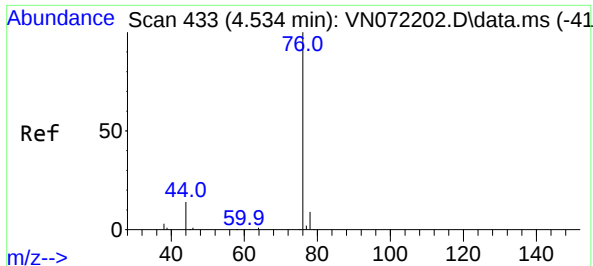
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#16
Acetone
Concen: 227.417 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

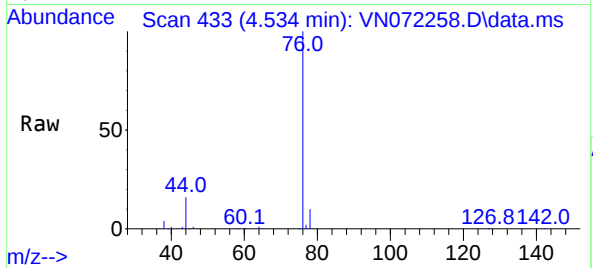
Tgt Ion: 43 Resp: 407818
Ion Ratio Lower Upper
43 100
58 29.1 26.0 39.0





#17
Carbon Disulfide
Concen: 42.595 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

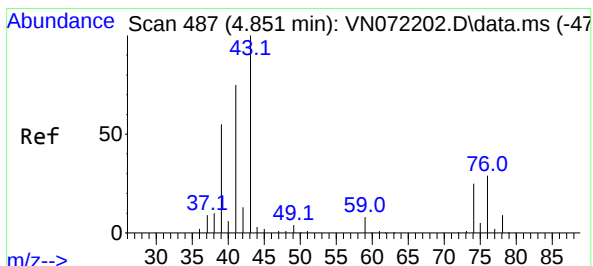
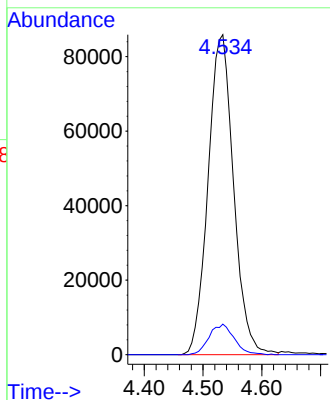
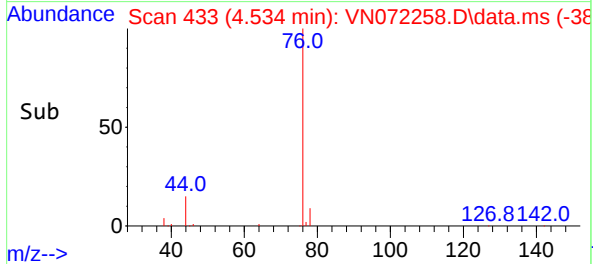
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



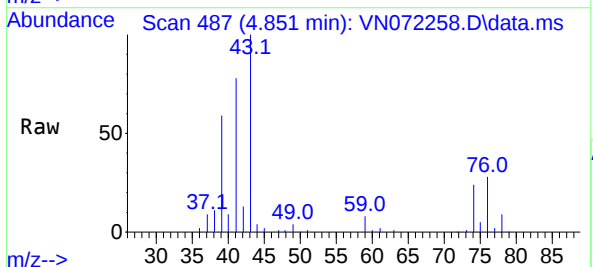
Tgt Ion: 76 Resp: 258997
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

Manual Integrations
APPROVED

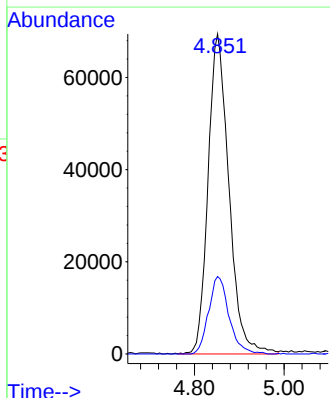
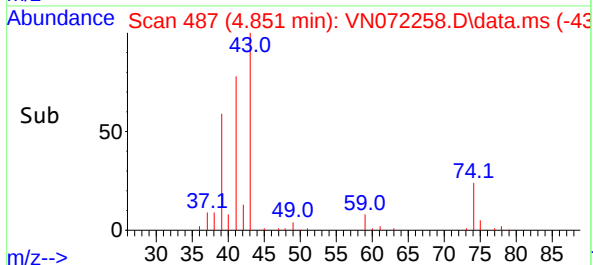
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

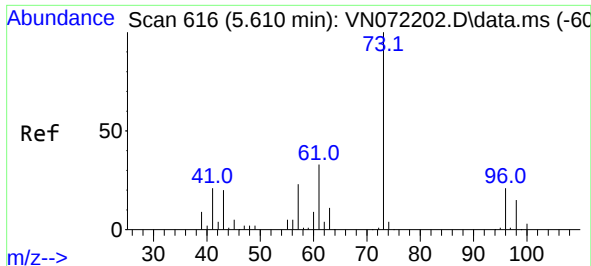


#18
Methyl Acetate
Concen: 44.711 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion: 43 Resp: 224166
Ion Ratio Lower Upper
43 100
74 23.7 21.6 32.4





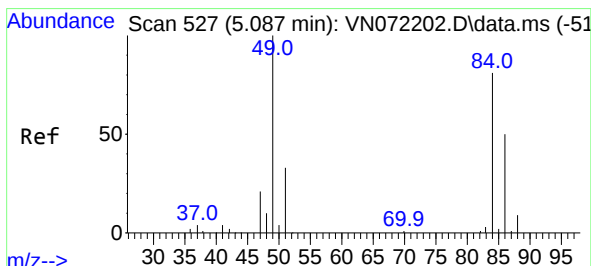
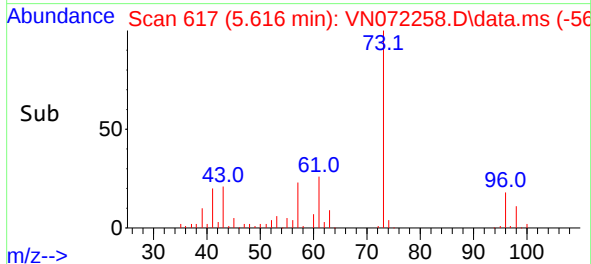
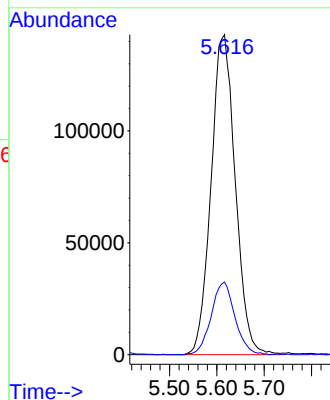
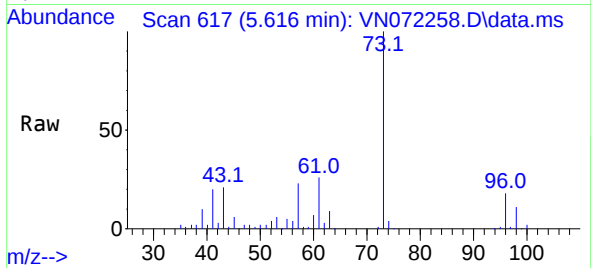
#19
Methyl tert-butyl Ether
Concen: 50.089 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 508045
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

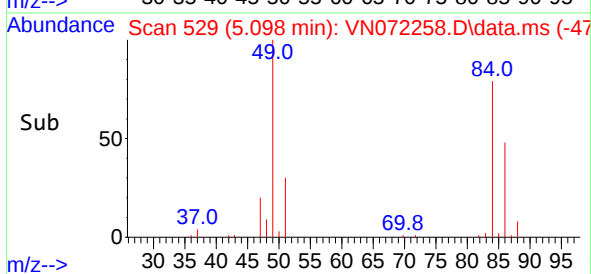
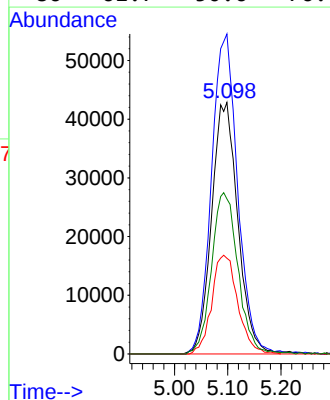
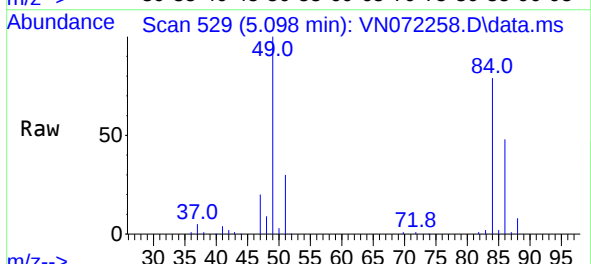
Manual Integrations
APPROVED

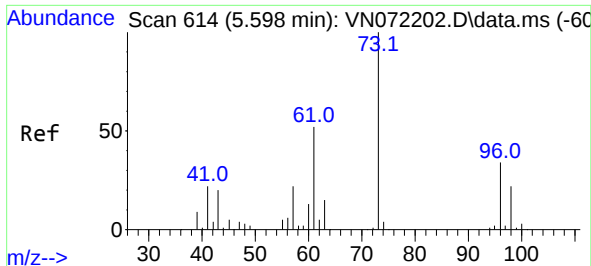
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#20
Methylene Chloride
Concen: 42.606 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

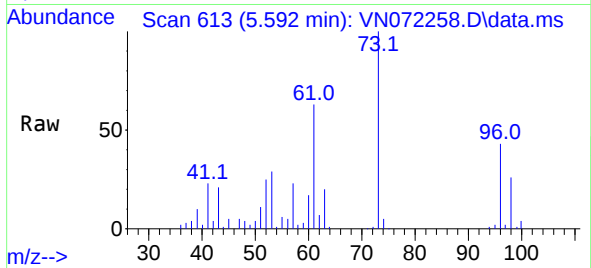
Tgt Ion: 84 Resp: 146452
Ion Ratio Lower Upper
84 100
49 127.2 88.3 132.5
51 38.0 28.2 42.2
86 61.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 43.827 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

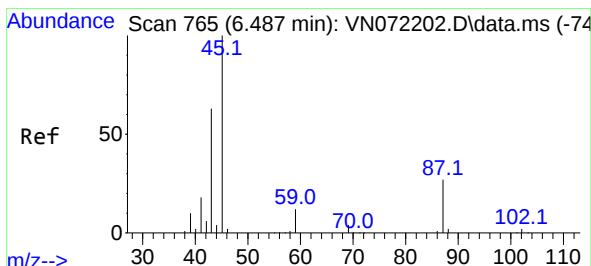
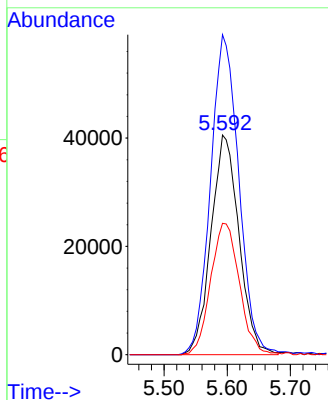
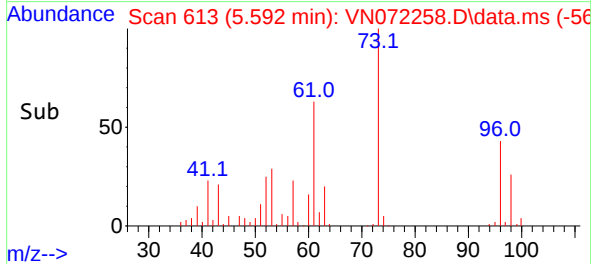
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



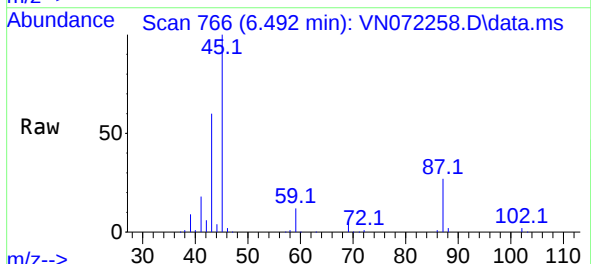
Tgt Ion: 96 Resp: 12505
Ion Ratio Lower Upper
96 100
61 145.6 105.8 158.8
98 59.8 50.3 75.5

Manual Integrations
APPROVED

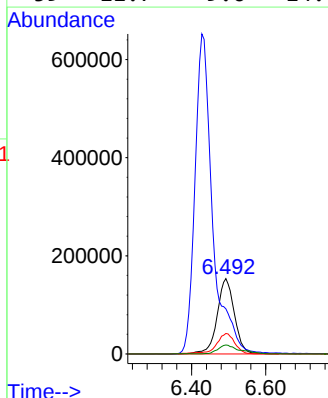
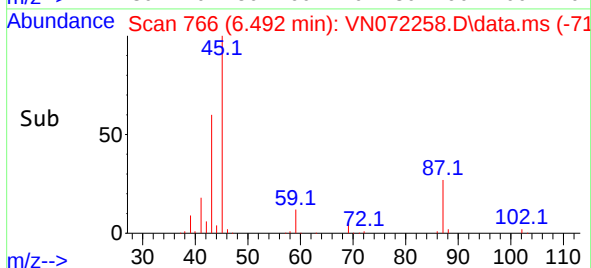
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

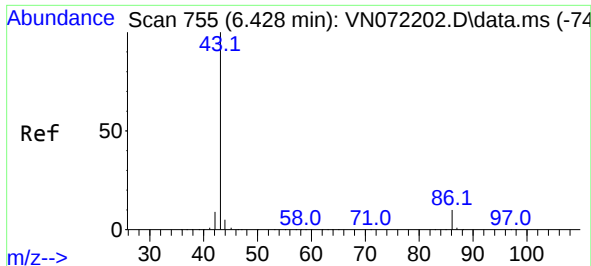


#22
Diisopropyl ether
Concen: 44.787 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion: 45 Resp: 495634
Ion Ratio Lower Upper
45 100
43 59.5 46.6 70.0
87 27.2 24.3 36.5
59 11.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 231.362 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072258.D
 Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

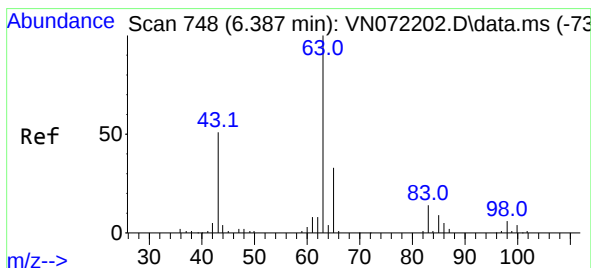
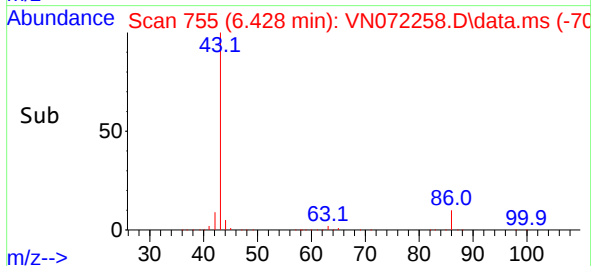
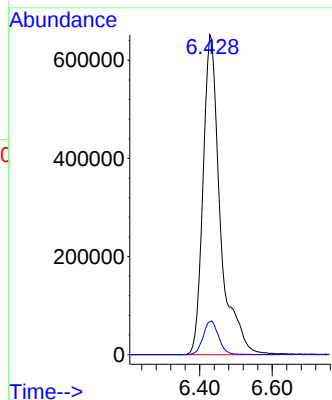
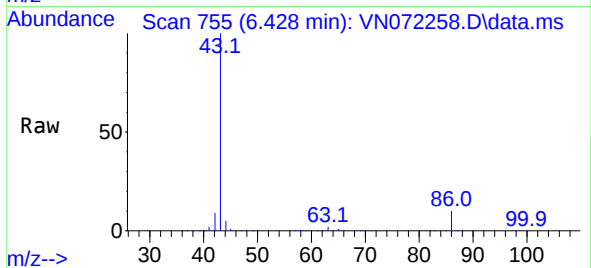
VSTDCCC050EC

Tgt Ion: 43 Resp: 215031
 Ion Ratio Lower Upper
 43 100
 86 10.3 10.0 15.0

Manual Integrations

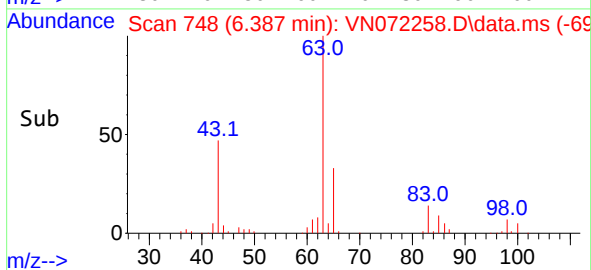
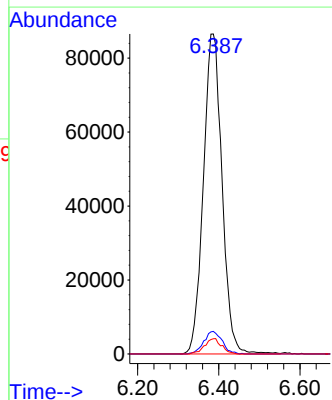
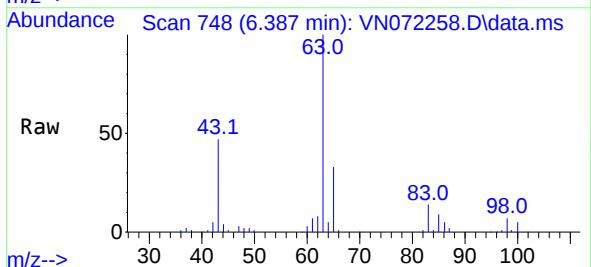
APPROVED

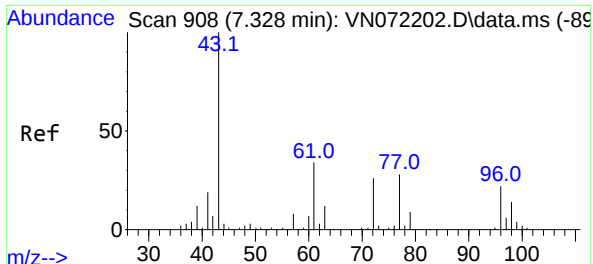
Reviewed By :John Carlone 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022



#24
 1,1-Dichloroethane
 Concen: 44.548 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072258.D
 Acq: 28 Apr 2022 23:25

Tgt Ion: 63 Resp: 275754
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 224.883 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072258.D

Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 642244

Ion Ratio Lower Upper

43 100

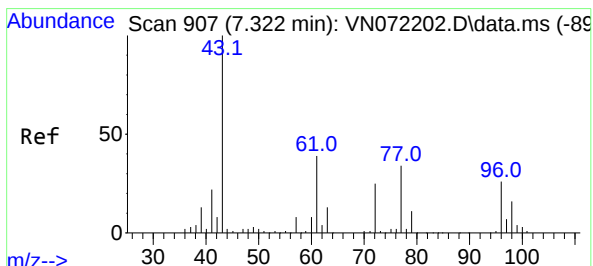
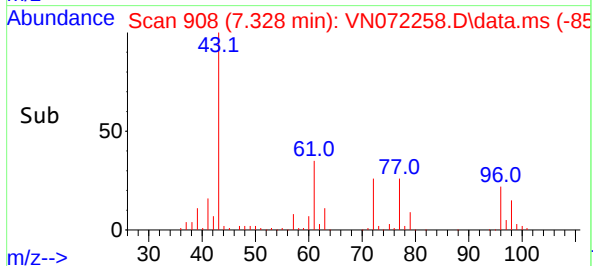
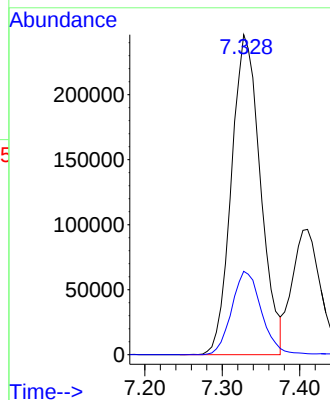
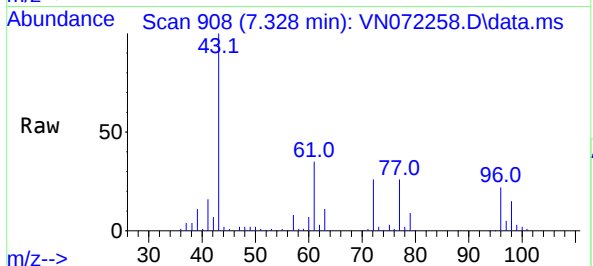
72 26.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#26

2,2-Dichloropropane

Concen: 40.588 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072258.D

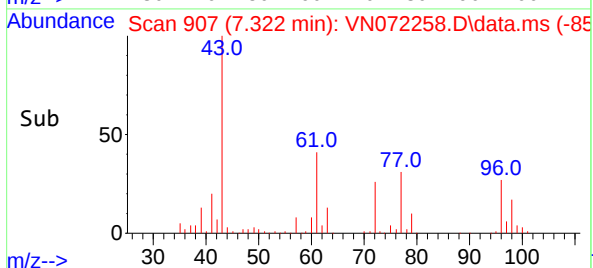
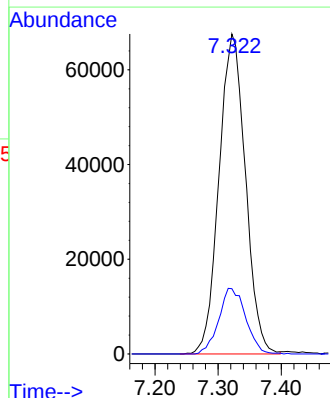
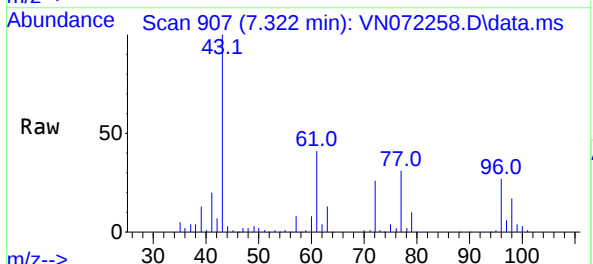
Acq: 28 Apr 2022 23:25

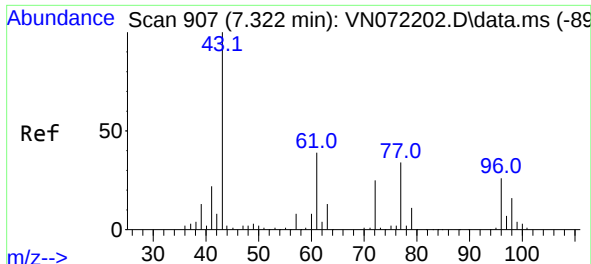
Tgt Ion: 77 Resp: 196258

Ion Ratio Lower Upper

77 100

97 21.0 11.4 34.2





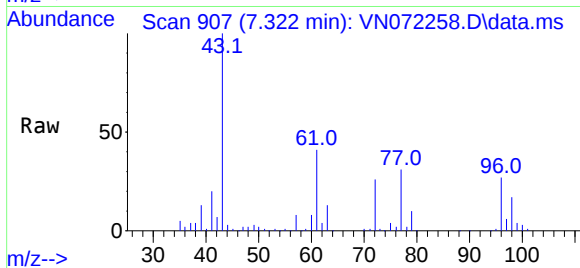
#27
 cis-1,2-Dichloroethene
 Concen: 44.758 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072258.D
 Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

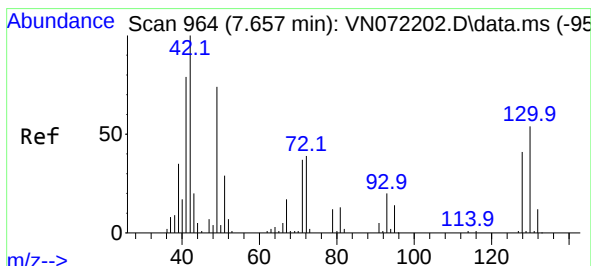
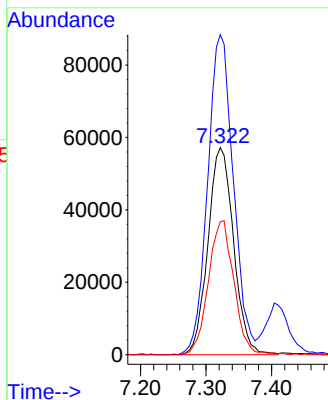
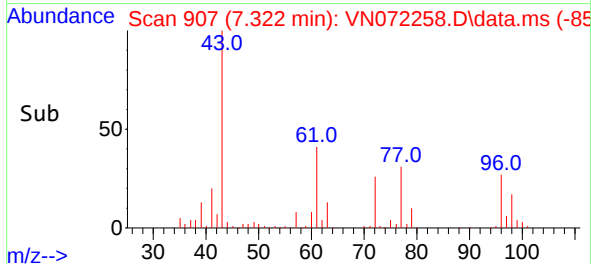


Tgt Ion: 96 Resp: 15569
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 280.6
 98 64.2 0.0 128.4

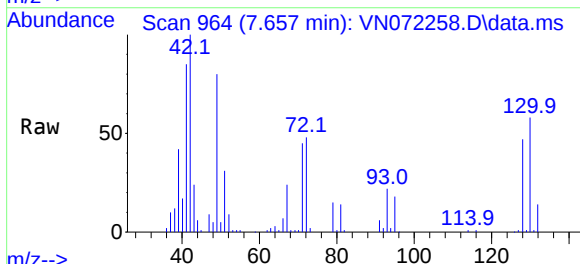
Manual Integrations

APPROVED

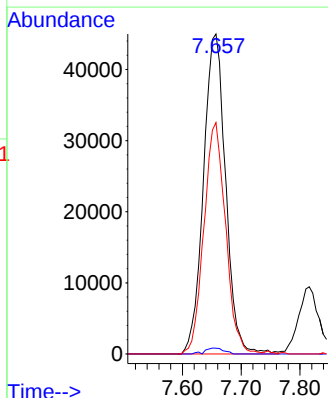
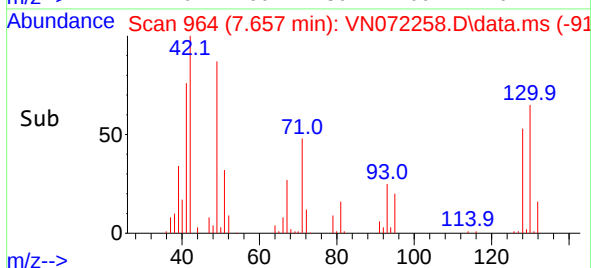
Reviewed By :John Carlone 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

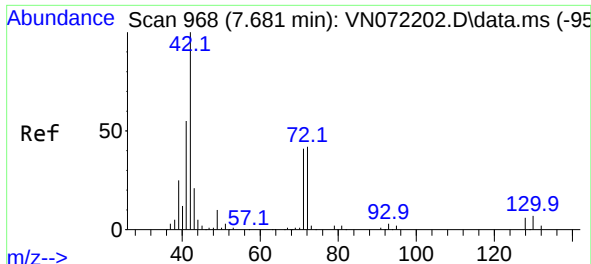


#28
 Bromochloromethane
 Concen: 42.556 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN072258.D
 Acq: 28 Apr 2022 23:25



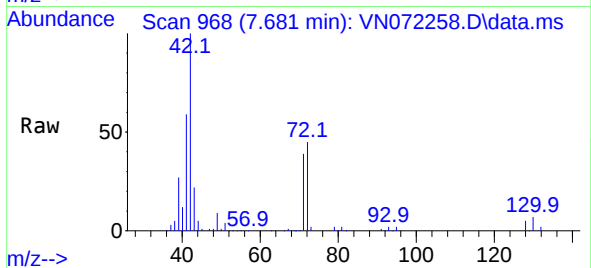
Tgt Ion: 49 Resp: 117957
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 70.5 69.7 104.5





#29
Tetrahydrofuran
Concen: 223.667 ug/l
RT: 7.681 min Scan# 901
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

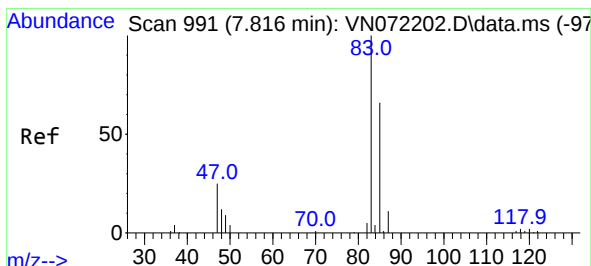
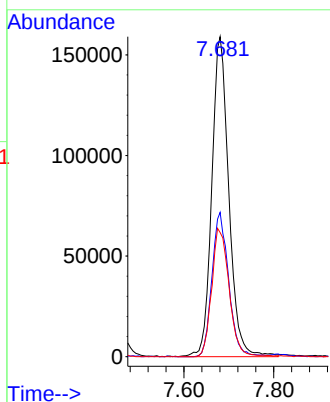
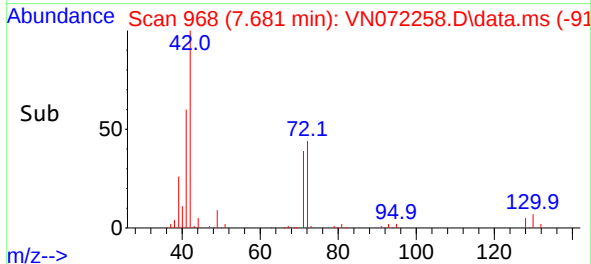
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



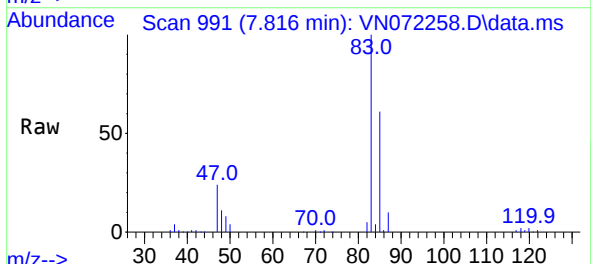
Tgt Ion: 42 Resp: 419205
Ion Ratio Lower Upper
42 100
72 44.2 39.7 59.5
71 40.7 36.6 55.0

Manual Integrations
APPROVED

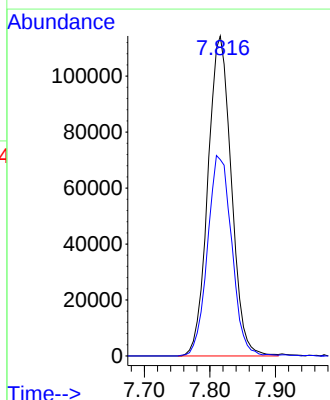
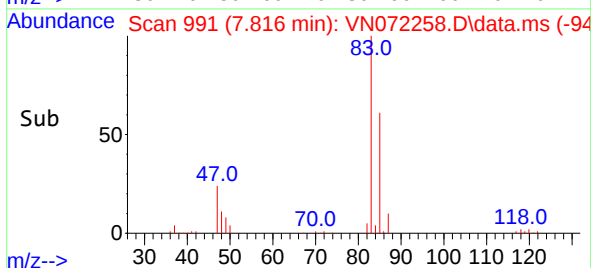
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

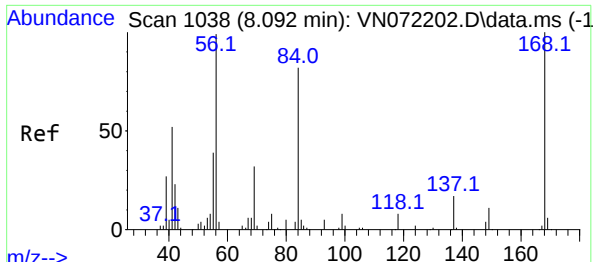


#30
Chloroform
Concen: 45.615 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



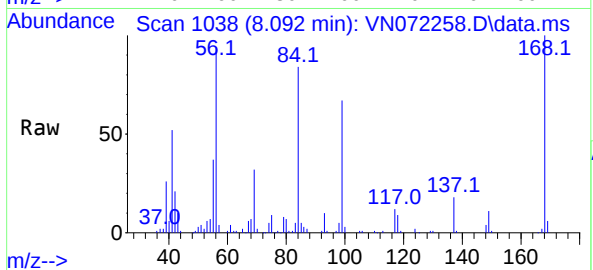
Tgt Ion: 83 Resp: 283505
Ion Ratio Lower Upper
83 100
85 61.4 51.8 77.8





#31
Cyclohexane
Concen: 40.470 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

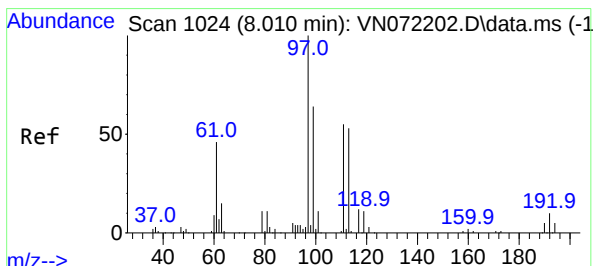
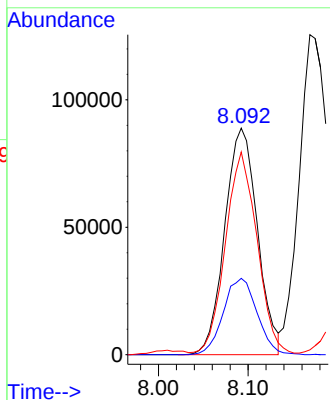
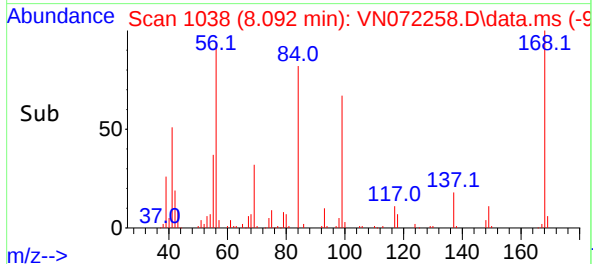
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



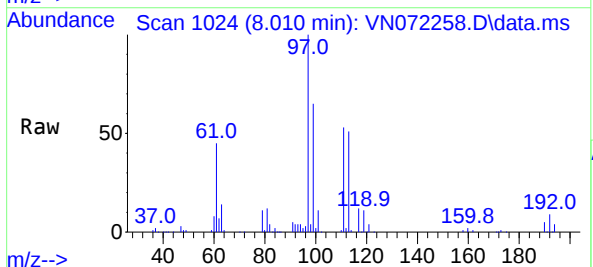
Tgt Ion: 56 Resp: 224914
Ion Ratio Lower Upper
56 100
69 33.7 27.8 41.8
84 87.9 76.9 115.3

Manual Integrations
APPROVED

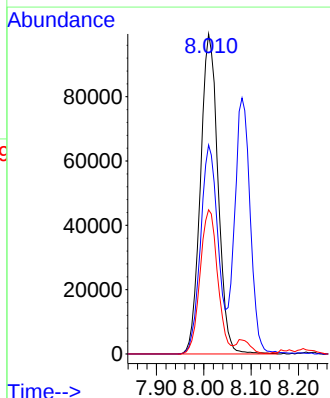
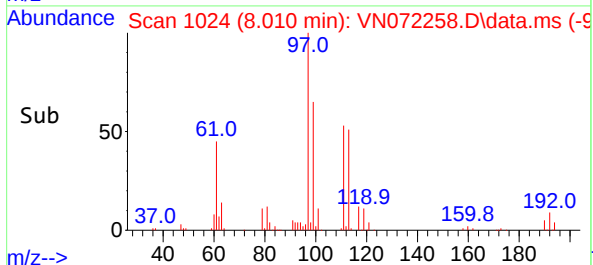
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

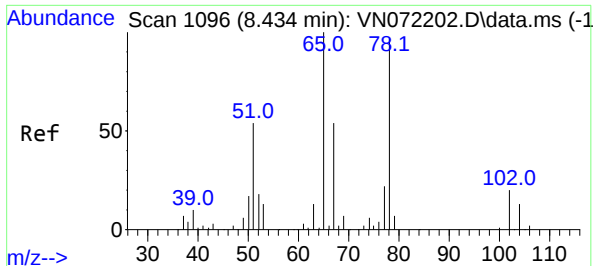


#32
1,1,1-Trichloroethane
Concen: 48.406 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion: 97 Resp: 256023
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 45.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.347 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072258.D

Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 20525

Ion Ratio Lower Upper

65 100

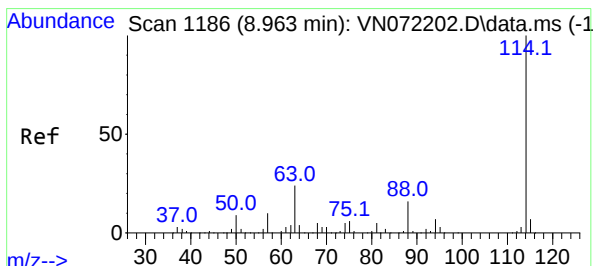
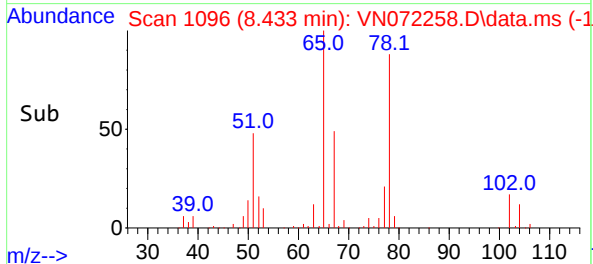
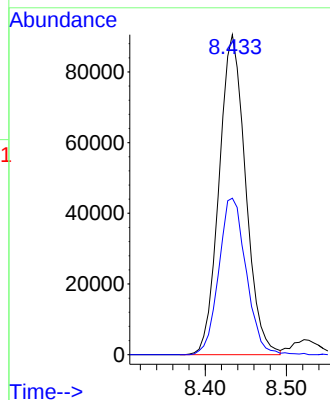
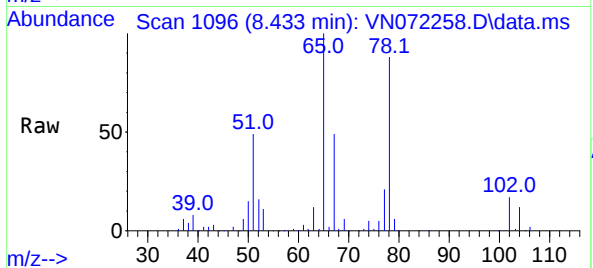
67 50.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072258.D

Acq: 28 Apr 2022 23:25

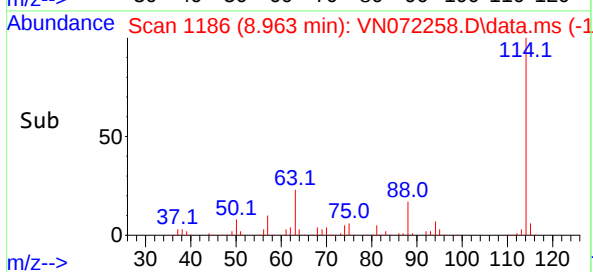
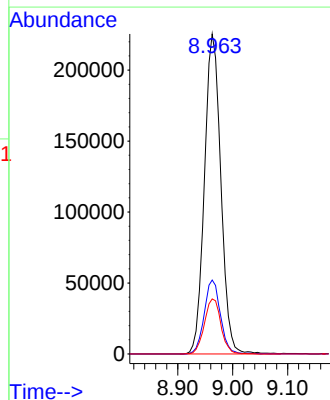
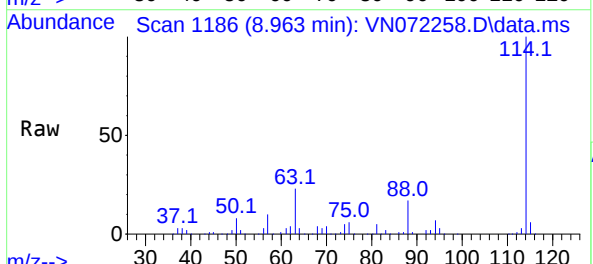
Tgt Ion:114 Resp: 467904

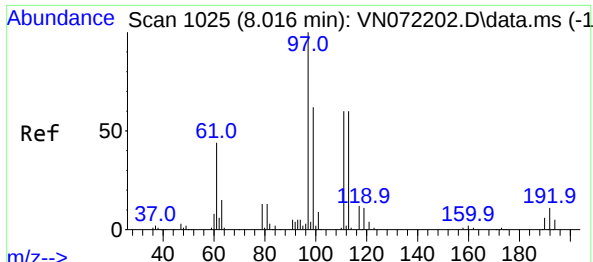
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

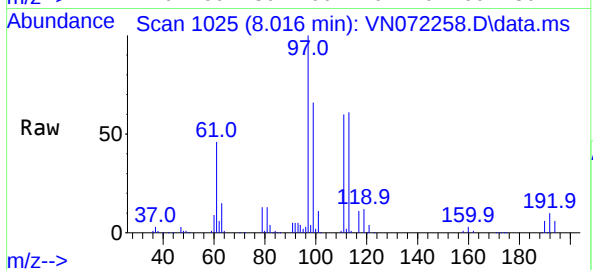
88 17.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.379 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

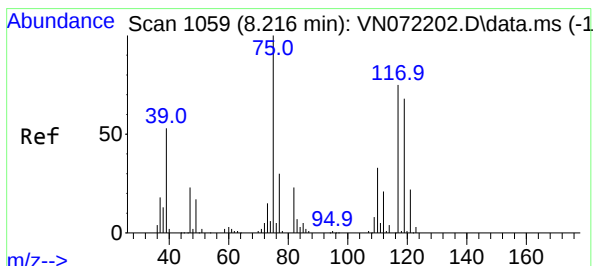
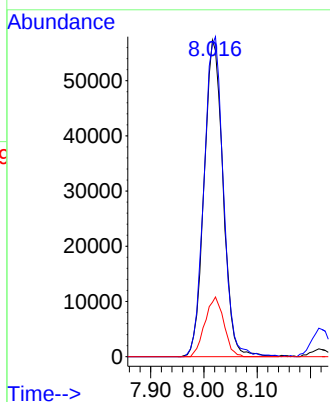
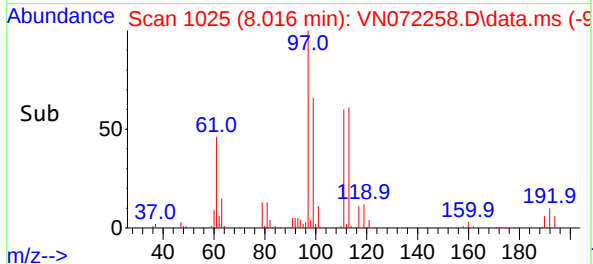
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



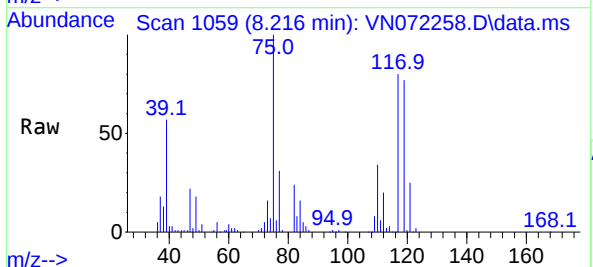
Tgt Ion: 113 Resp: 14189
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.8 17.0 25.6

Manual Integrations
APPROVED

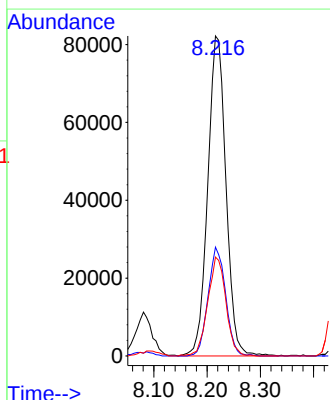
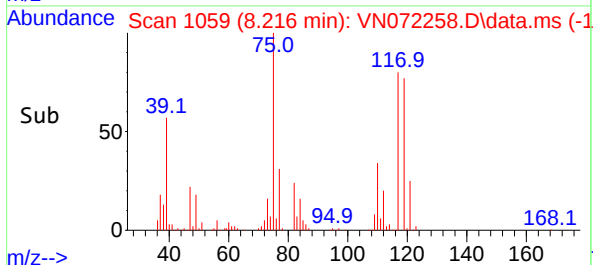
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

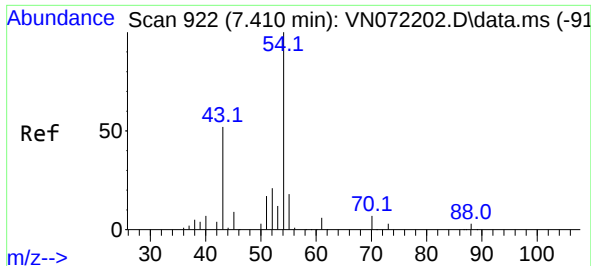


#36
1,1-Dichloropropene
Concen: 44.798 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



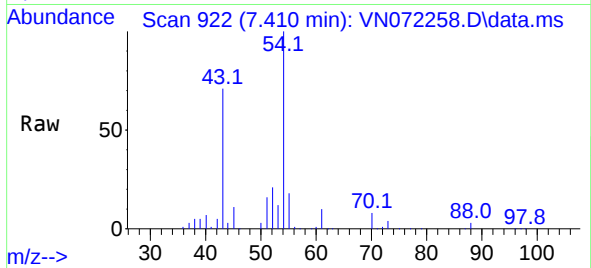
Tgt Ion: 75 Resp: 195283
Ion Ratio Lower Upper
75 100
110 32.8 18.3 54.8
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 44.146 ug/l
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

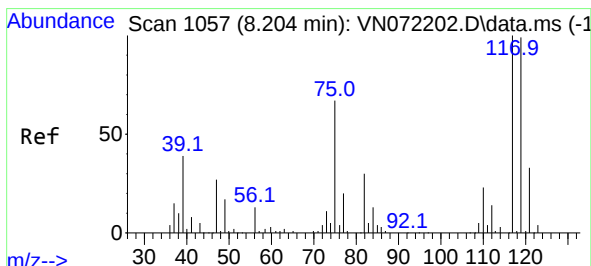
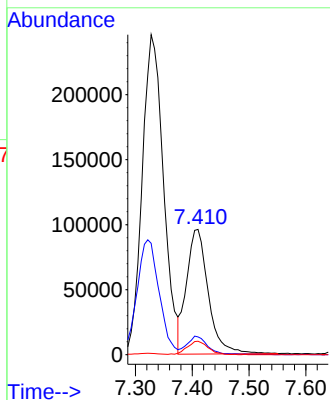
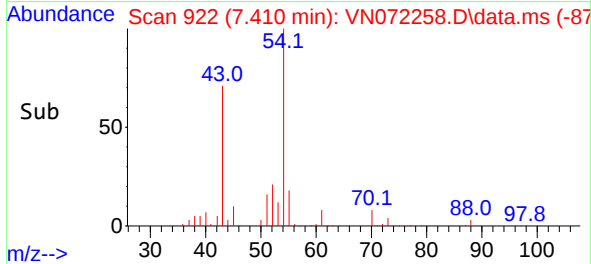
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



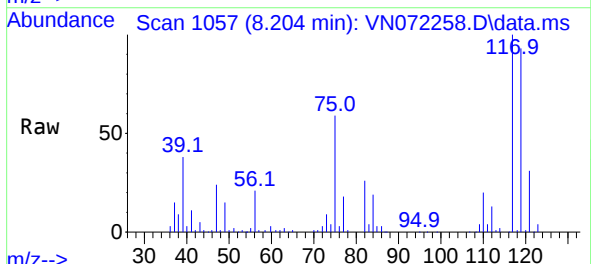
Tgt Ion: 43 Resp: 25556
Ion Ratio Lower Upper
43 100
61 13.6 11.8 17.6
70 10.5 9.3 13.9

Manual Integrations
APPROVED

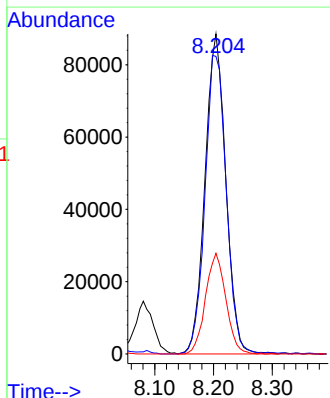
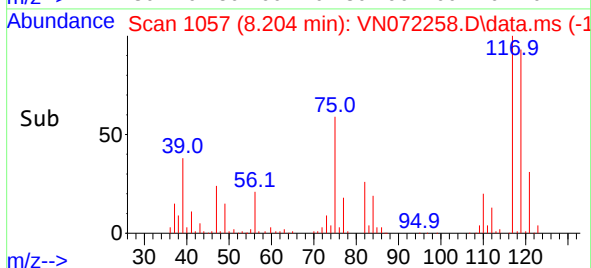
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

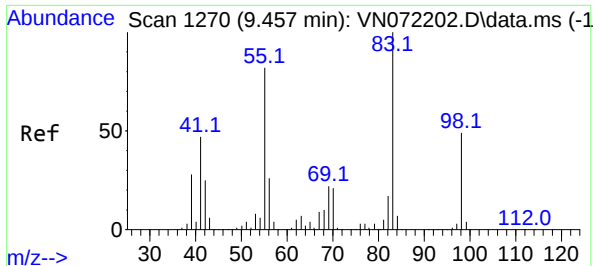


#38
Carbon Tetrachloride
Concen: 46.635 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion:117 Resp: 217733
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.8
121 31.4 24.6 37.0





#39

Methylcyclohexane

Concen: 45.215 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072258.D

Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 22044

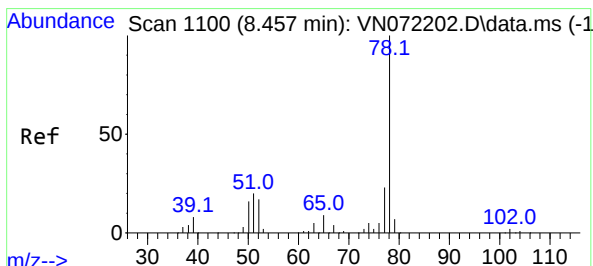
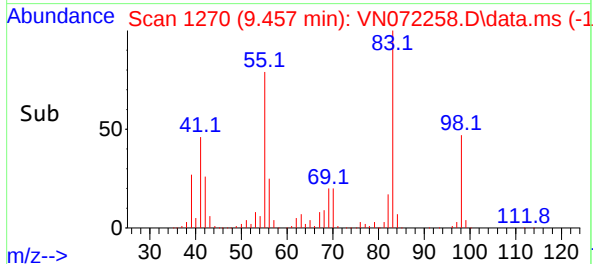
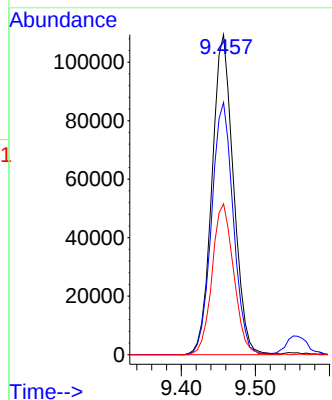
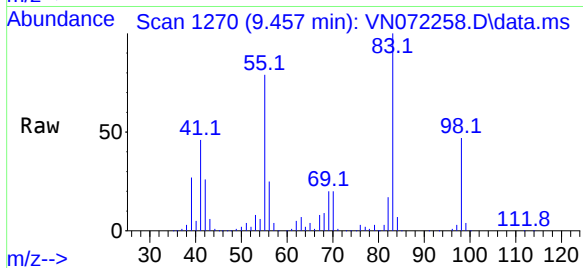
Ion	Ratio	Lower	Upper
83	100		
55	78.8	57.8	86.8
98	47.1	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#40

Benzene

Concen: 44.003 ug/l

RT: 8.457 min Scan# 1100

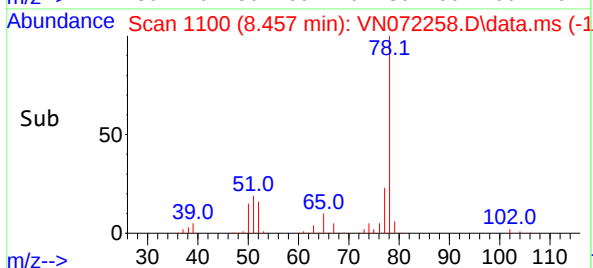
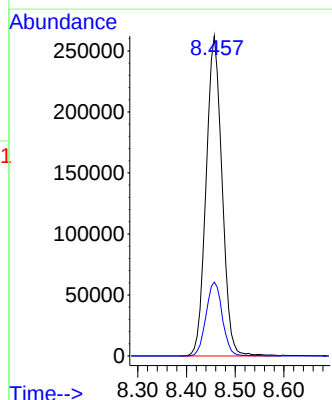
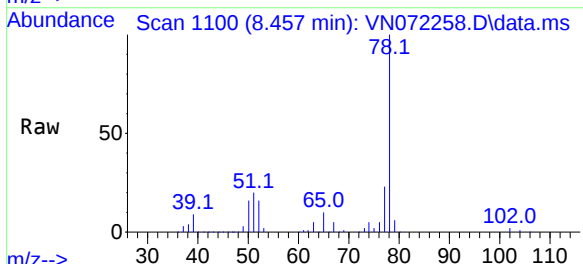
Delta R.T. -0.000 min

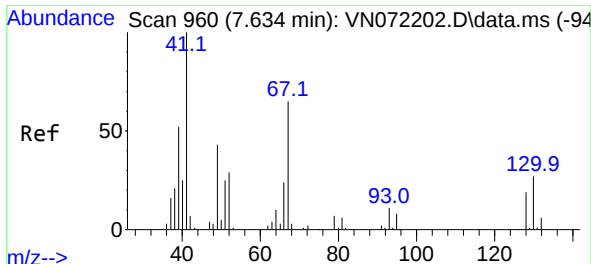
Lab File: VN072258.D

Acq: 28 Apr 2022 23:25

Tgt Ion: 78 Resp: 594977

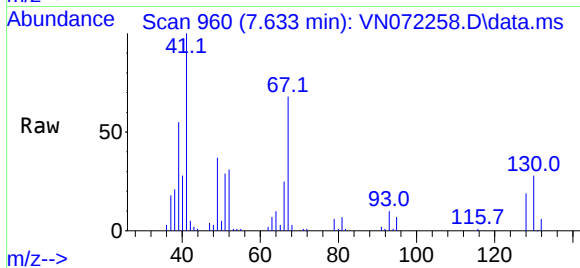
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0





#41
Methacrylonitrile
Concen: 45.899 ug/l
RT: 7.633 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

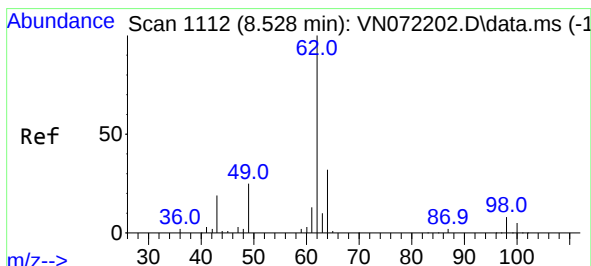
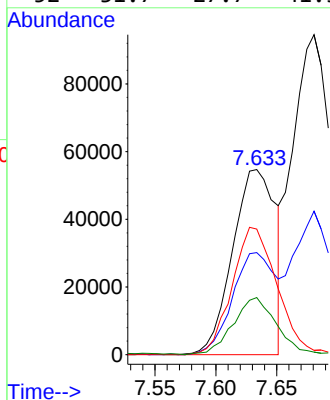
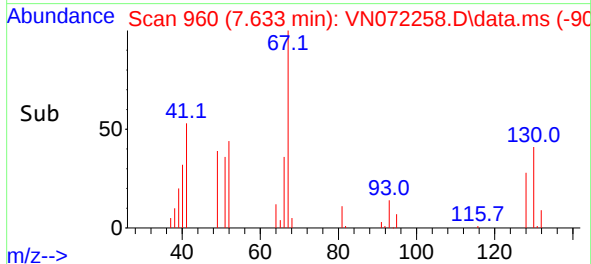
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



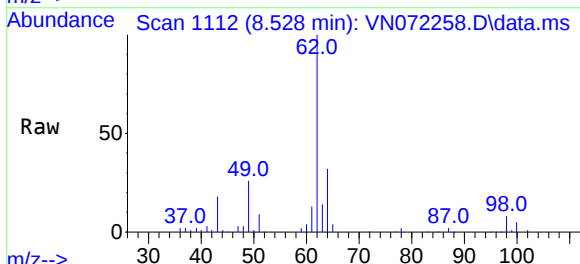
Tgt Ion: 41 Resp: 13442
Ion Ratio Lower Upper
41 100
39 54.5 48.6 73.0
67 73.1 73.4 110.2
52 31.7 27.7 41.5

Manual Integrations
APPROVED

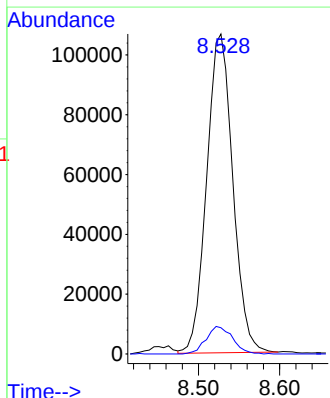
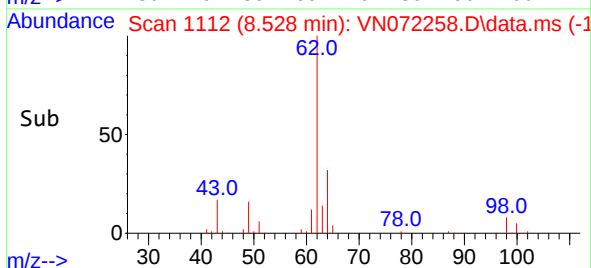
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

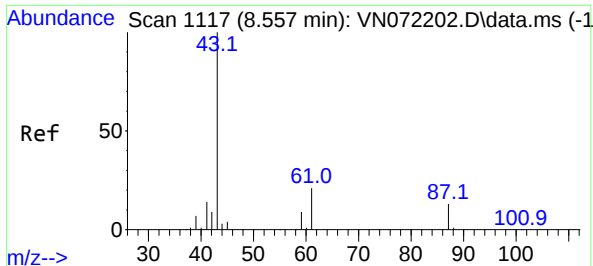


#42
1,2-Dichloroethane
Concen: 46.054 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



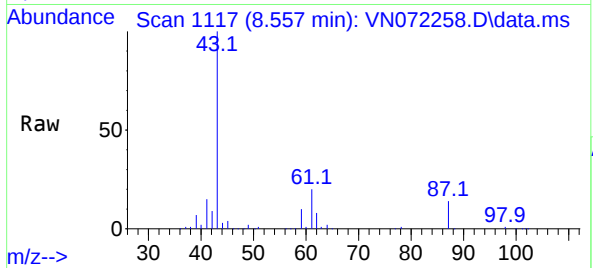
Tgt Ion: 62 Resp: 238400
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 43.437 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

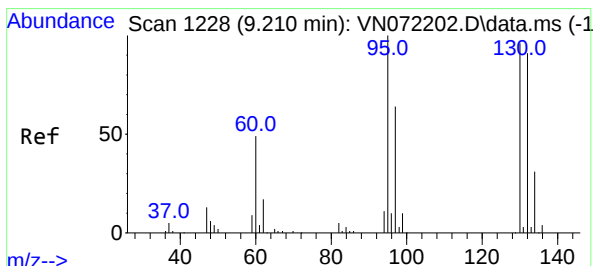
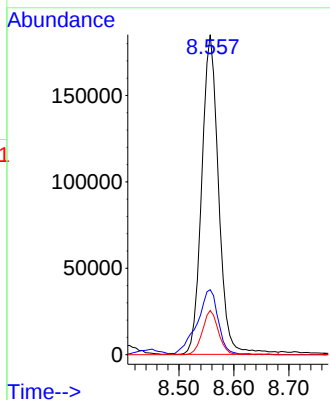
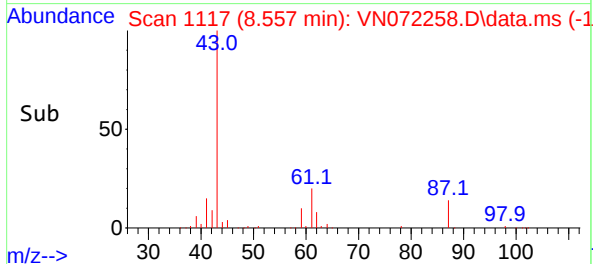
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



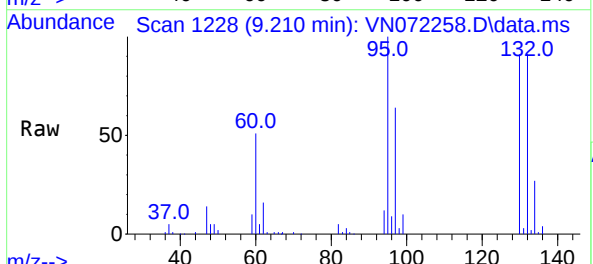
Tgt Ion: 43 Resp: 393840
Ion Ratio Lower Upper
43 100
61 25.3 21.9 32.9
87 13.0 12.0 18.0

Manual Integrations
APPROVED

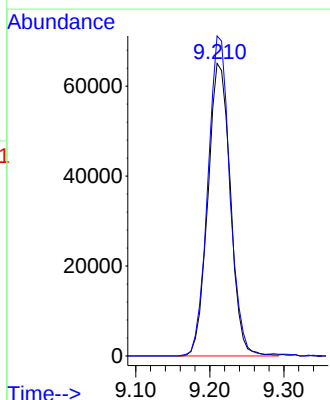
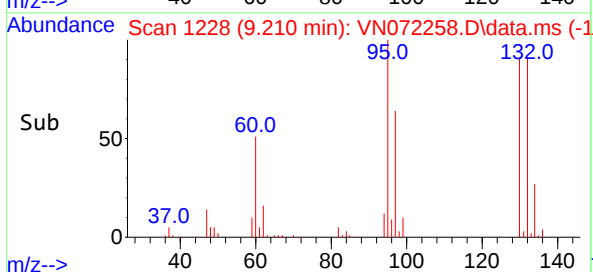
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

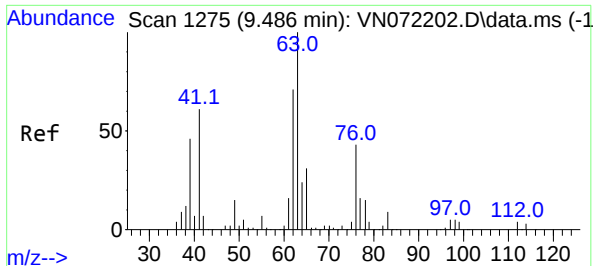


#44
Trichloroethene
Concen: 43.508 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



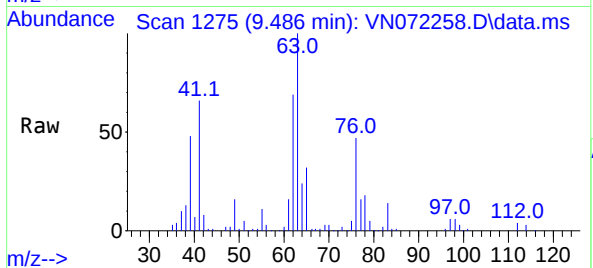
Tgt Ion:130 Resp: 136848
Ion Ratio Lower Upper
130 100
95 109.4 0.0 186.8





#45
1,2-Dichloropropane
Concen: 42.912 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

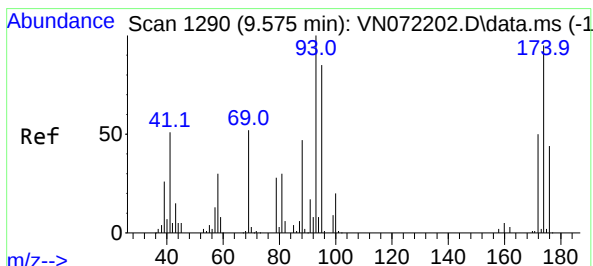
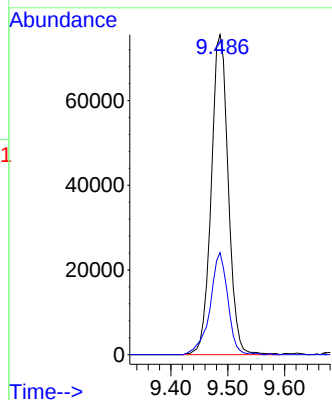
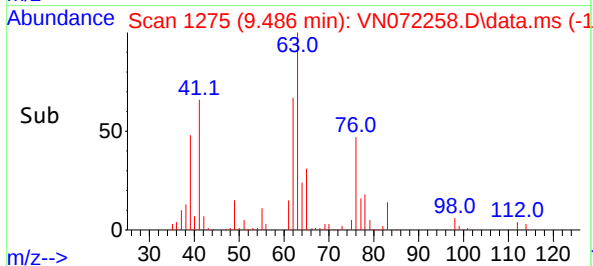
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



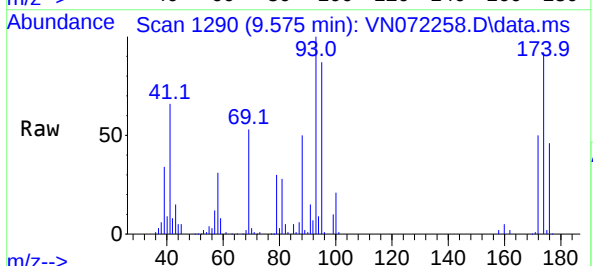
Tgt Ion: 63 Resp: 15678
Ion Ratio Lower Upper
63 100
65 31.9 24.9 37.3

Manual Integrations
APPROVED

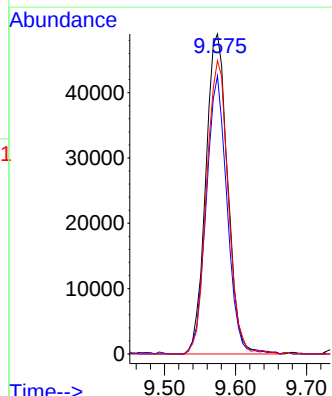
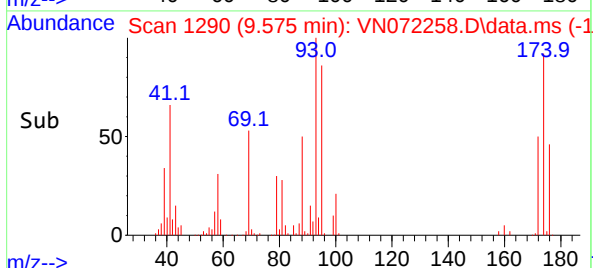
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

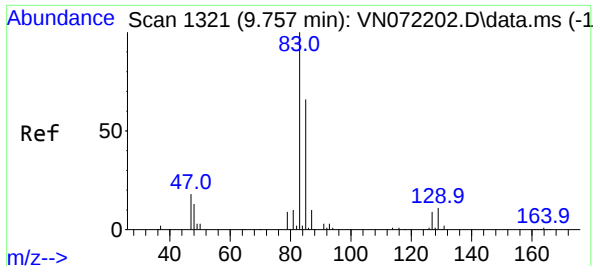


#46
Dibromomethane
Concen: 45.837 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion: 93 Resp: 104912
Ion Ratio Lower Upper
93 100
95 82.5 66.9 100.3
174 90.8 86.6 130.0





#47
Bromodichloromethane
Concen: 47.509 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

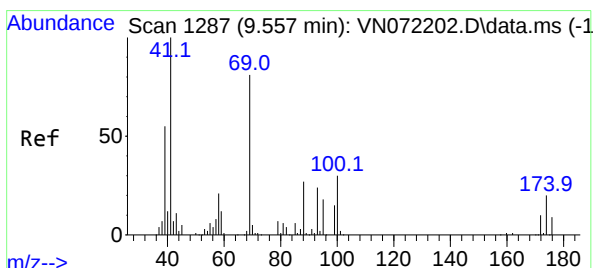
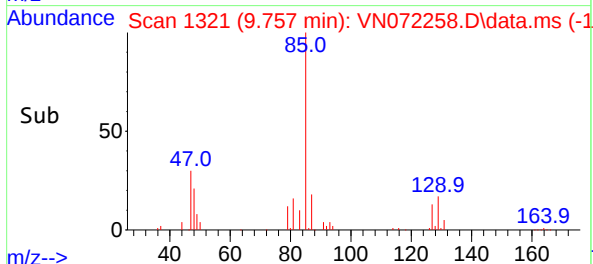
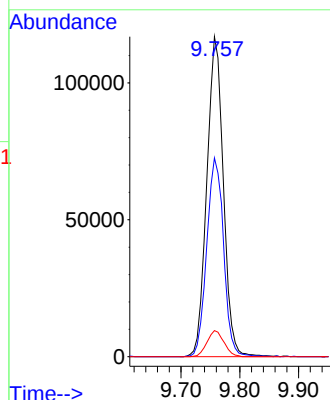
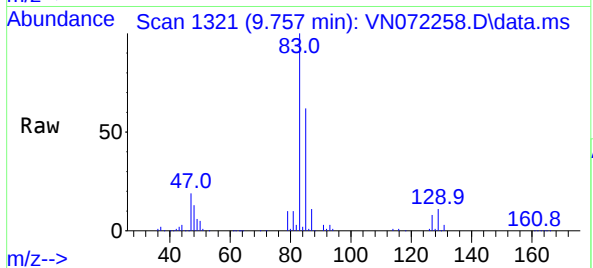
Tgt Ion: 83 Resp: 228162
Ion Ratio Lower Upper
83 100
85 62.1 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations

APPROVED

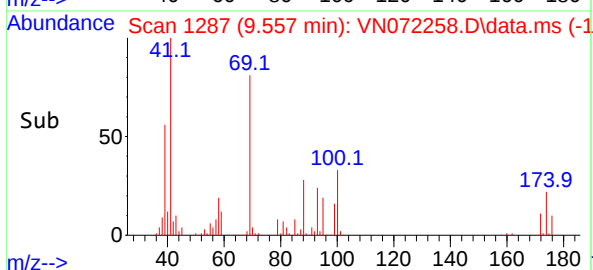
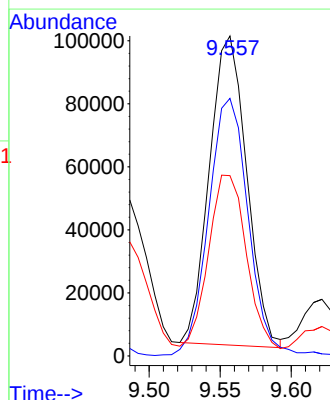
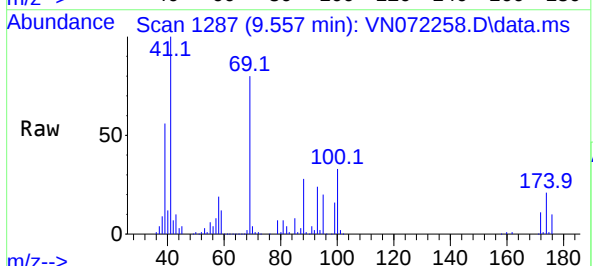
Reviewed By :John Carlone 04/29/2022

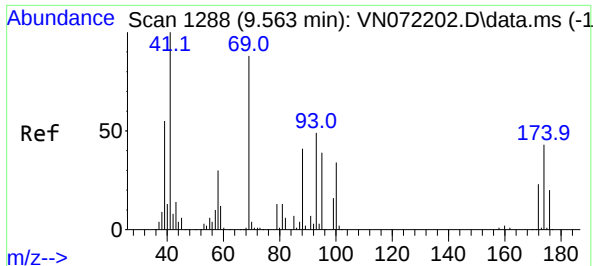
Supervised By :Mahesh Dadoda 04/29/2022



#48
Methyl methacrylate
Concen: 46.781 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

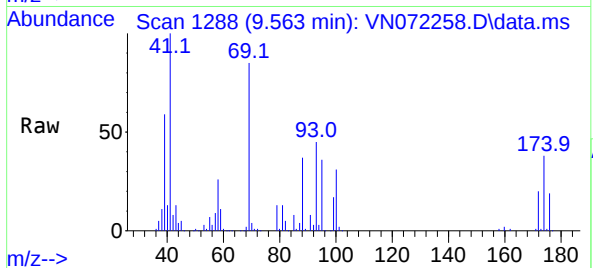
Tgt Ion: 41 Resp: 178892
Ion Ratio Lower Upper
41 100
69 89.9 74.7 112.1
39 62.0 45.6 68.4





#49
1,4-Dioxane
Concen: 1015.729 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

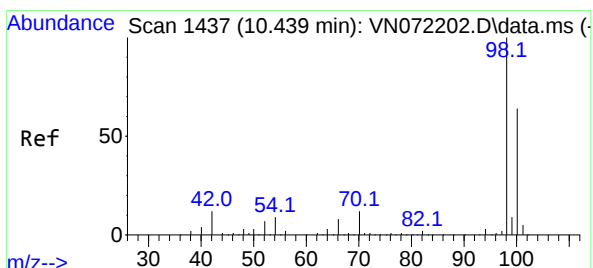
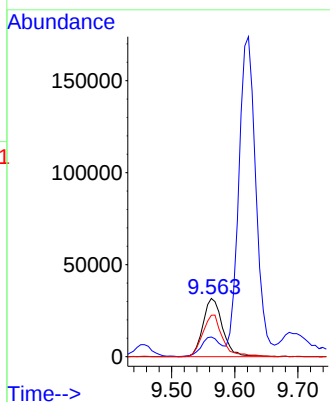
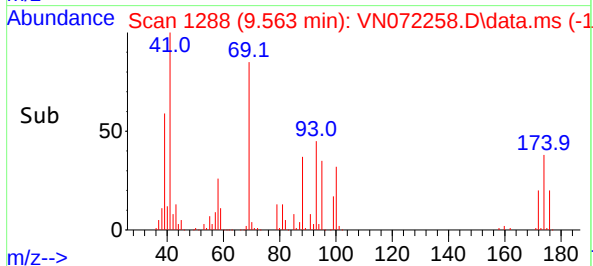
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



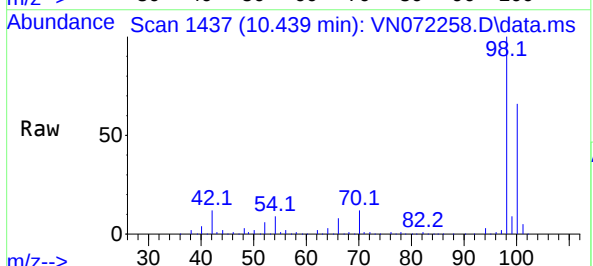
Tgt Ion: 88 Resp: 68230
Ion Ratio Lower Upper
88 100
43 34.8 20.2 30.4
58 72.6 54.2 81.4

Manual Integrations
APPROVED

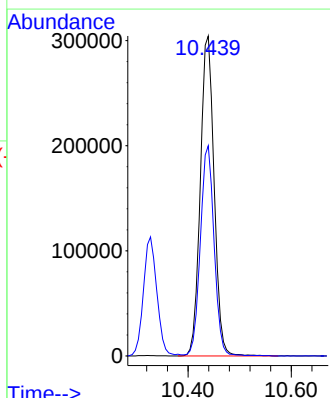
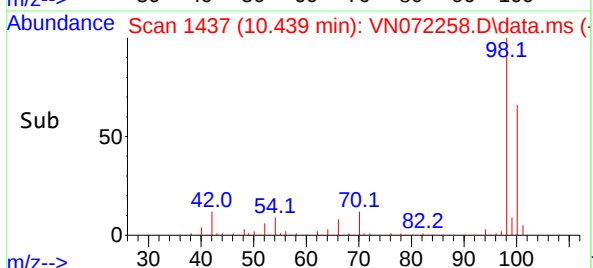
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

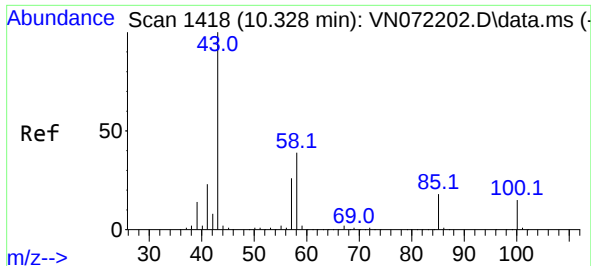


#50
Toluene-d8
Concen: 47.908 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



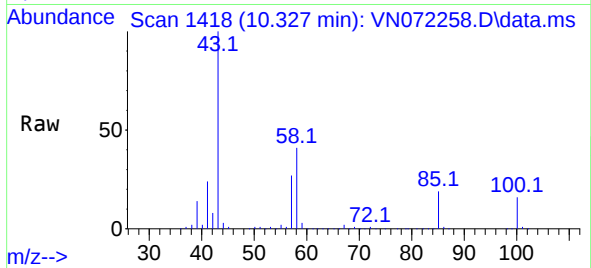
Tgt Ion: 98 Resp: 563780
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 233.966 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

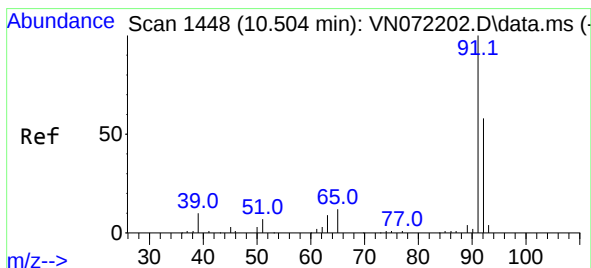
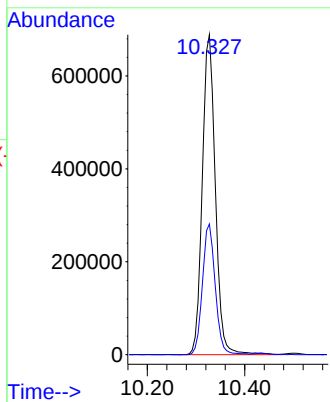
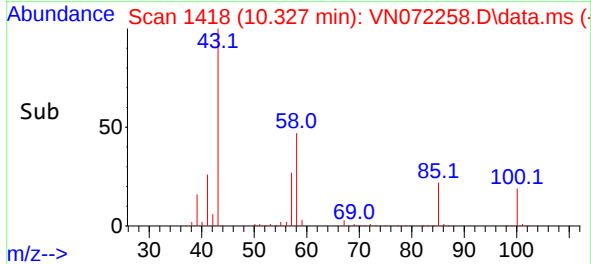
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



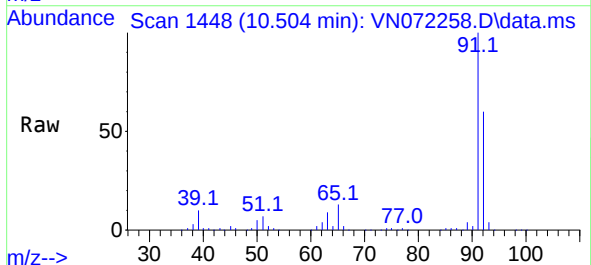
Tgt Ion: 43 Resp: 127796
Ion Ratio Lower Upper
43 100
58 40.1 34.1 51.1

Manual Integrations
APPROVED

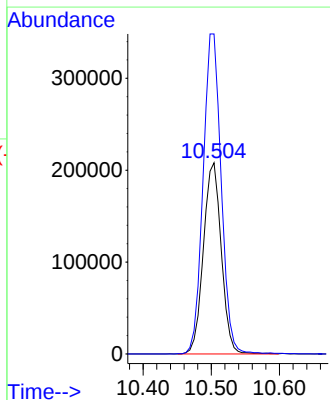
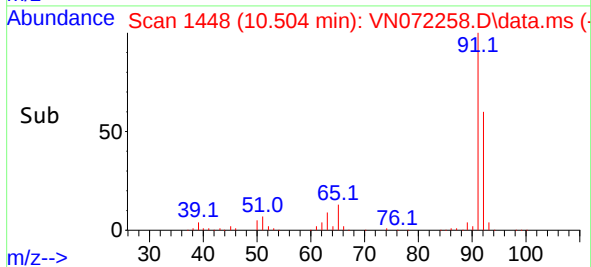
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

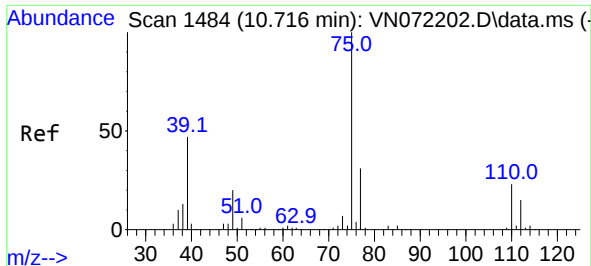


#52
Toluene
Concen: 46.992 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



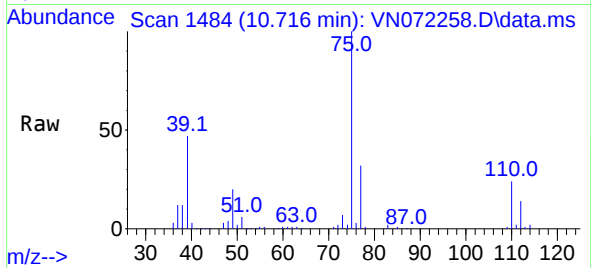
Tgt Ion: 92 Resp: 379852
Ion Ratio Lower Upper
92 100
91 169.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 48.736 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

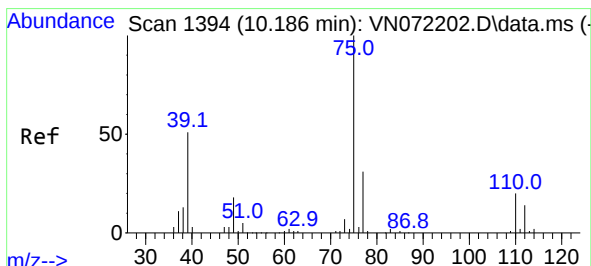
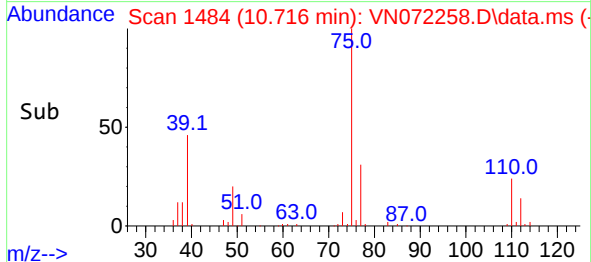
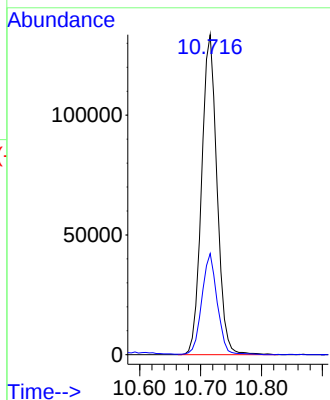
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 23528
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

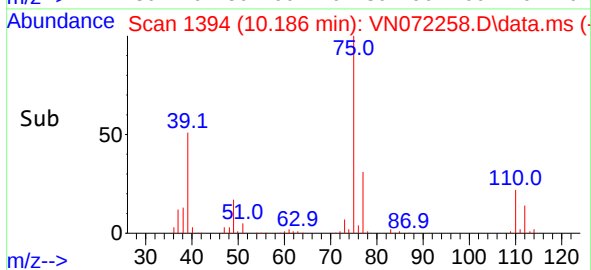
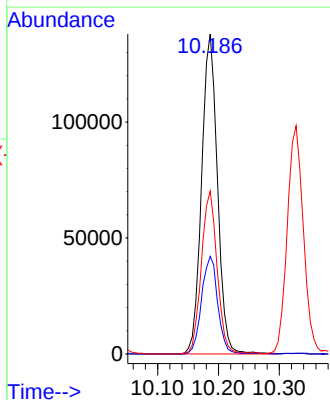
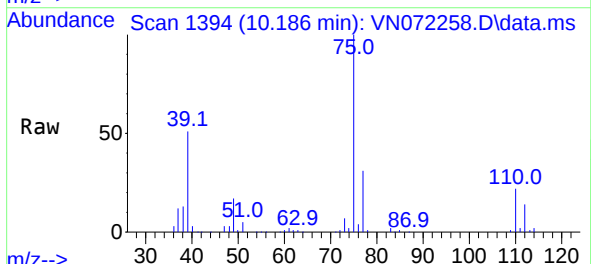
Manual Integrations
APPROVED

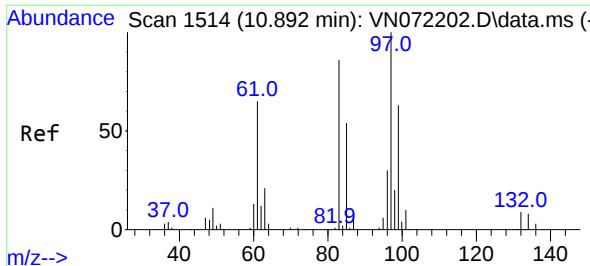
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#54
cis-1,3-Dichloropropene
Concen: 47.833 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Tgt Ion: 75 Resp: 249732
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8
39 50.9 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 44.624 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

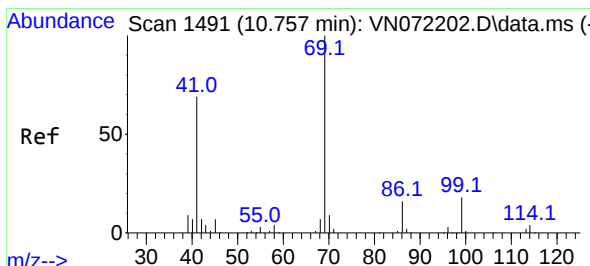
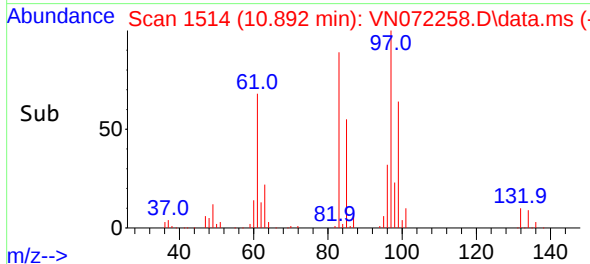
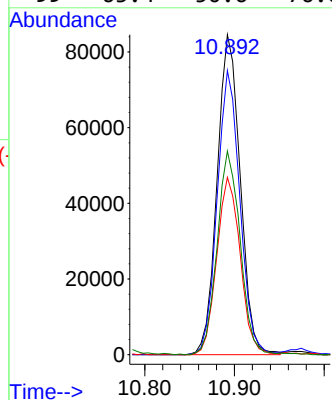
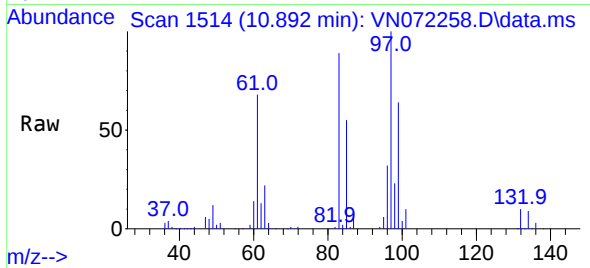
VSTDCCC050EC

Tgt Ion: 97 Resp: 151244
Ion Ratio Lower Upper
97 100
83 88.7 66.2 99.4
85 55.4 43.9 65.9
99 63.4 50.6 76.0

Manual Integrations

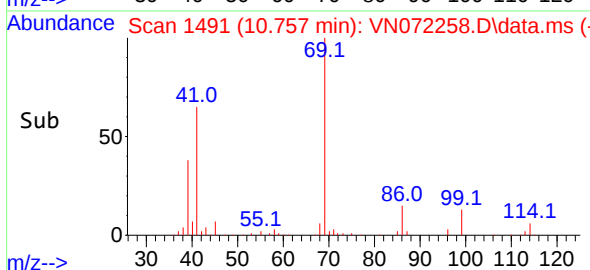
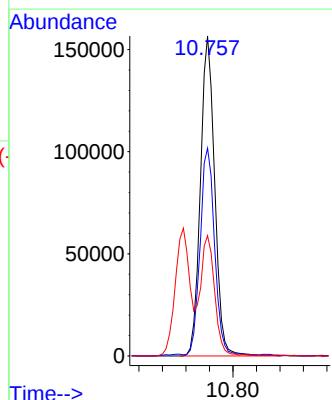
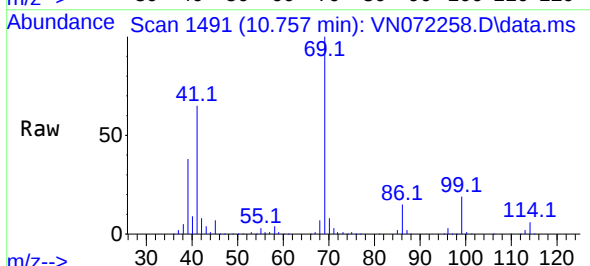
APPROVED

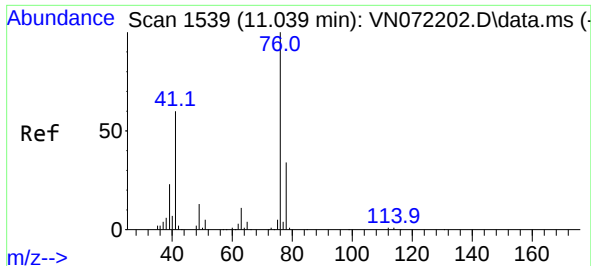
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#56
Ethyl methacrylate
Concen: 44.768 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Tgt Ion: 69 Resp: 264189
Ion Ratio Lower Upper
69 100
41 65.1 47.8 71.6
39 37.8 27.3 40.9





#57

1,3-Dichloropropane

Concen: 45.889 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072258.D

Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 27292

Ion Ratio Lower Upper

76 100

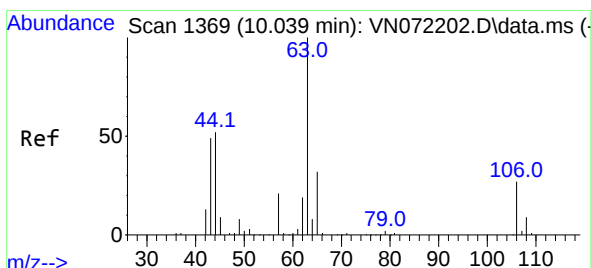
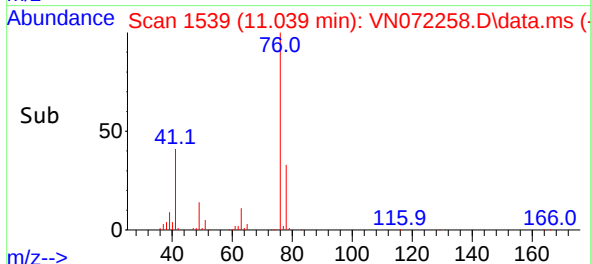
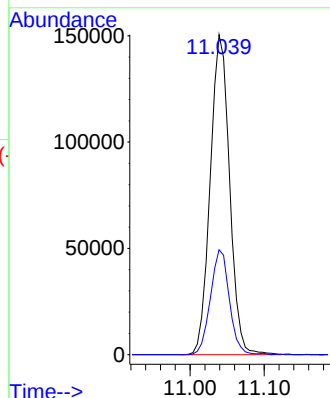
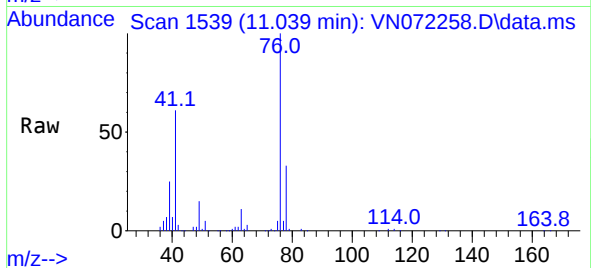
78 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 215.949 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072258.D

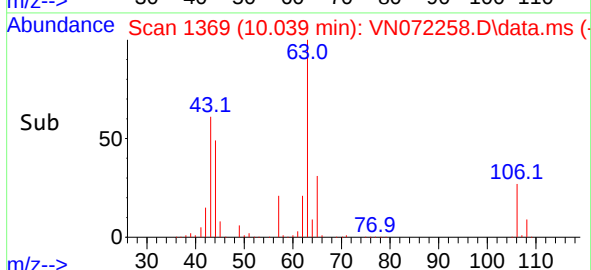
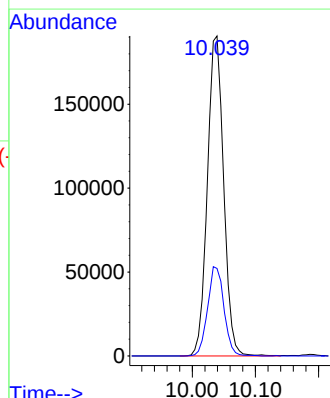
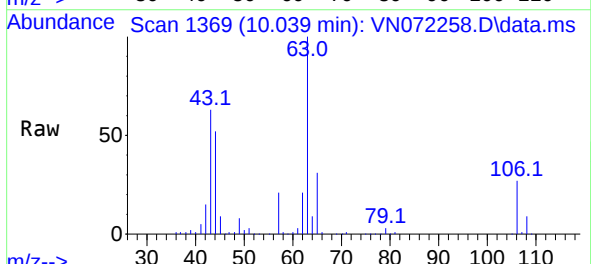
Acq: 28 Apr 2022 23:25

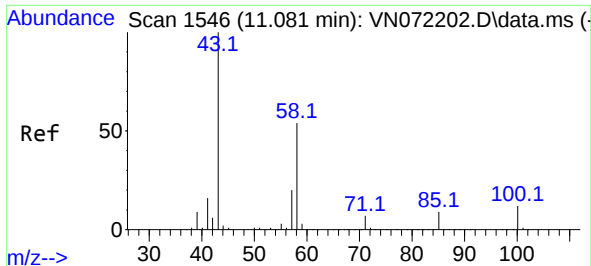
Tgt Ion: 63 Resp: 340705

Ion Ratio Lower Upper

63 100

106 28.0 24.6 36.8





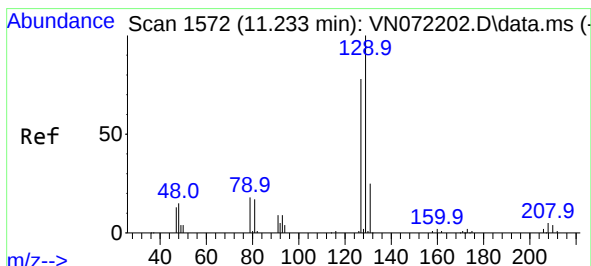
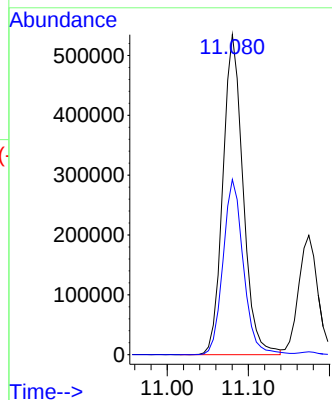
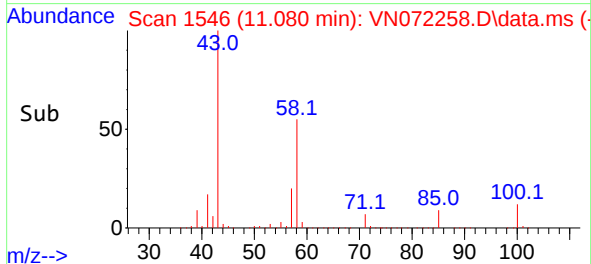
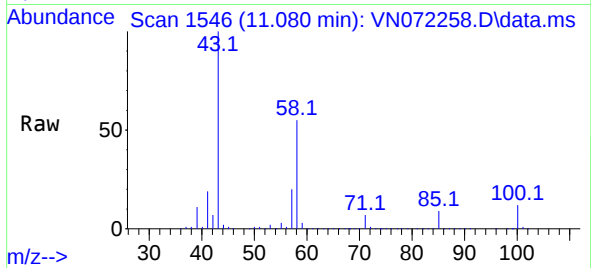
#59
2-Hexanone
Concen: 240.564 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 92579
Ion Ratio Lower Upper
43 100
58 55.1 29.7 89.1

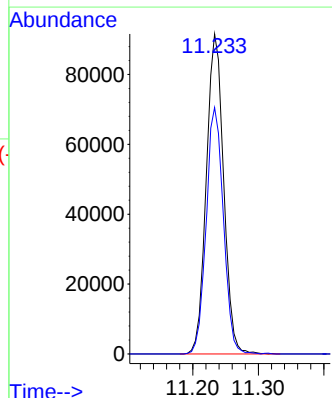
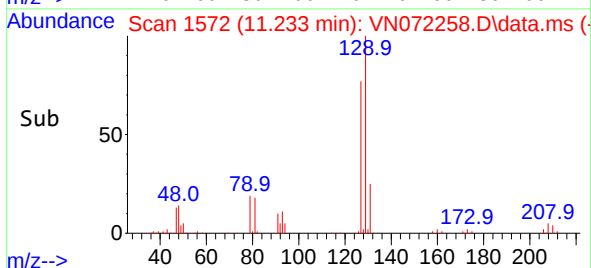
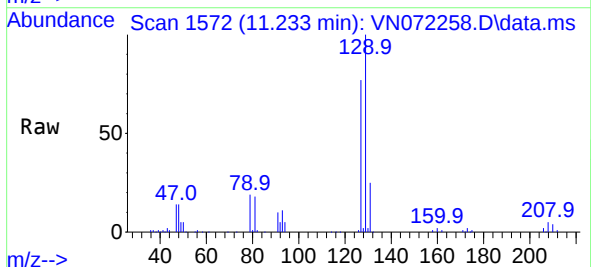
Manual Integrations
APPROVED

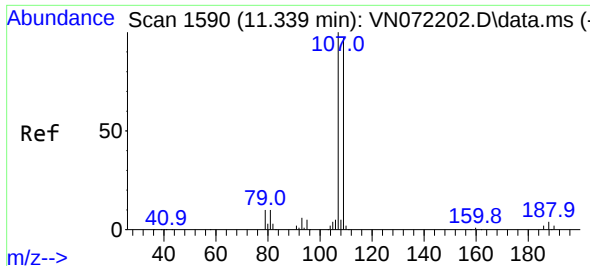
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#60
Dibromochloromethane
Concen: 48.472 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Tgt Ion:129 Resp: 167994
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





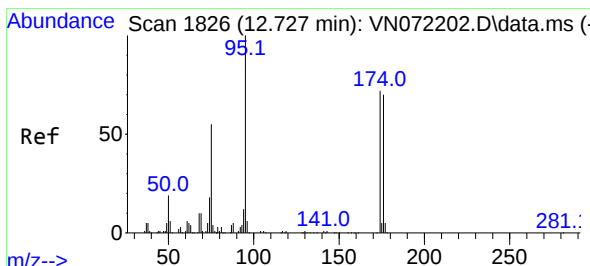
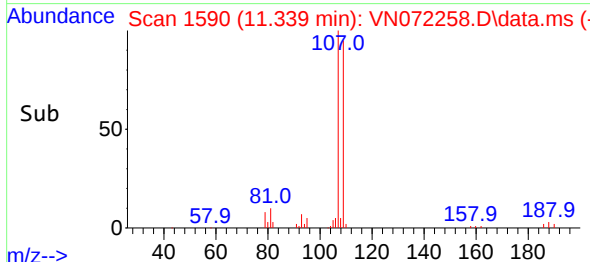
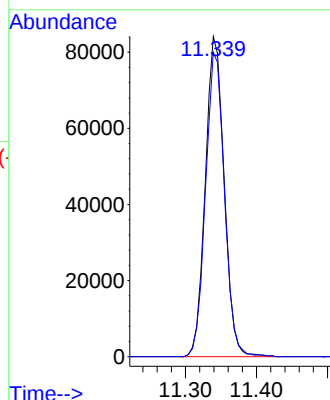
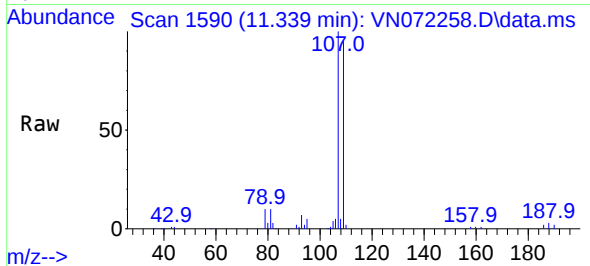
#61
1,2-Dibromoethane
Concen: 46.578 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 15525
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.6

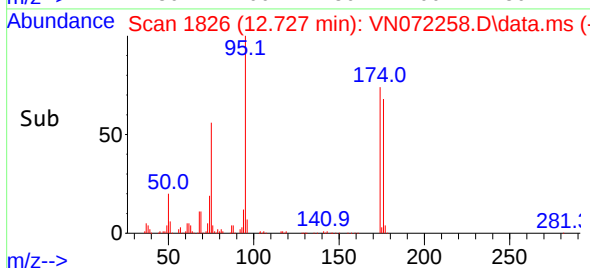
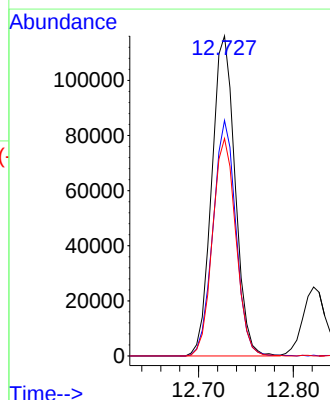
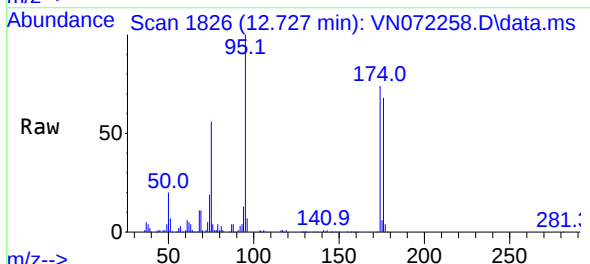
Manual Integrations
APPROVED

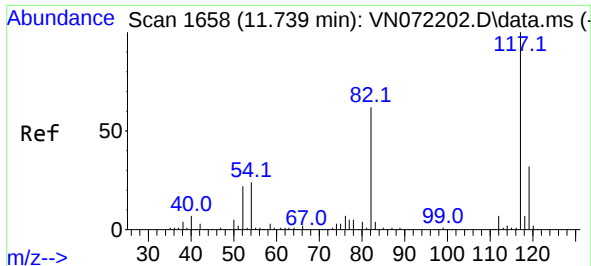
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#62
4-Bromofluorobenzene
Concen: 50.960 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

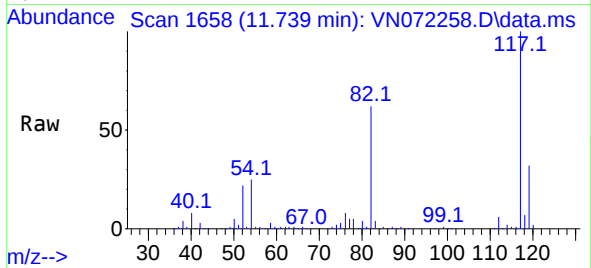
Tgt Ion: 95 Resp: 199049
Ion Ratio Lower Upper
95 100
174 72.1 0.0 167.6
176 67.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

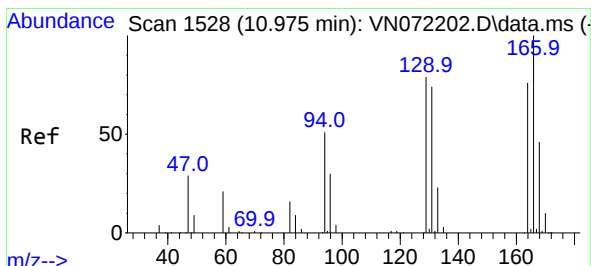
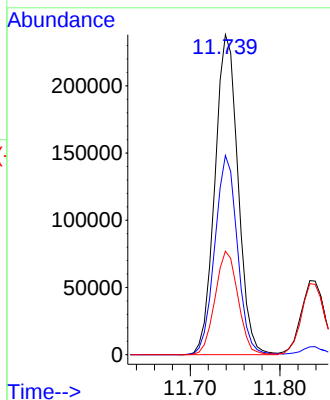
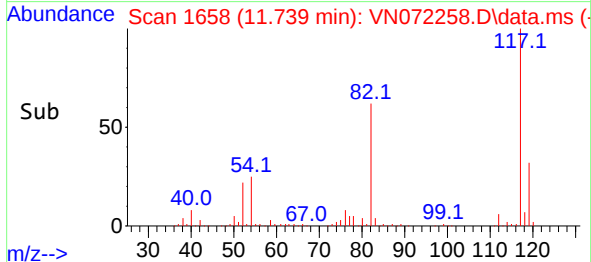
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



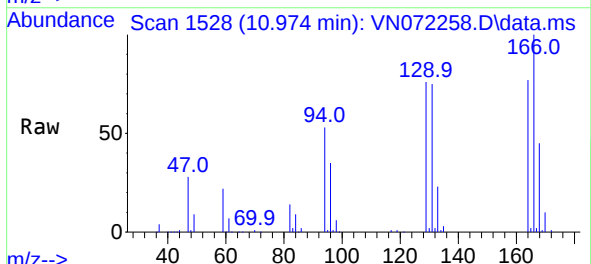
Tgt Ion:117 Resp: 426744
Ion Ratio Lower Upper
117 100
82 62.3 44.2 66.2
119 32.4 25.4 38.0

Manual Integrations
APPROVED

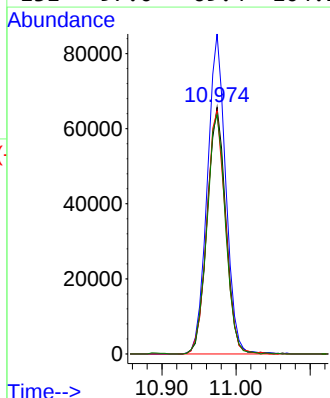
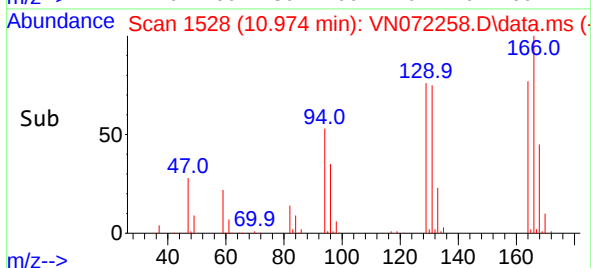
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

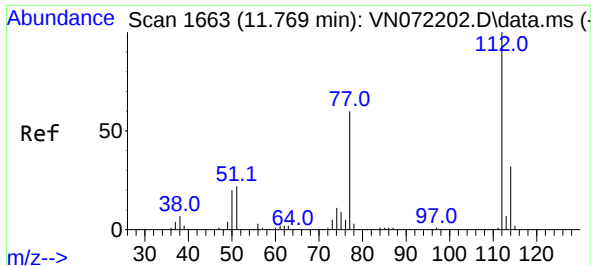


#64
Tetrachloroethene
Concen: 44.839 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



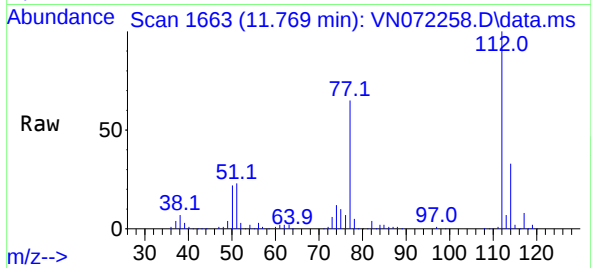
Tgt Ion:164 Resp: 115182
Ion Ratio Lower Upper
164 100
166 129.8 104.2 156.2
129 98.5 73.9 110.9
131 97.0 69.4 104.2





#65
Chlorobenzene
Concen: 44.920 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

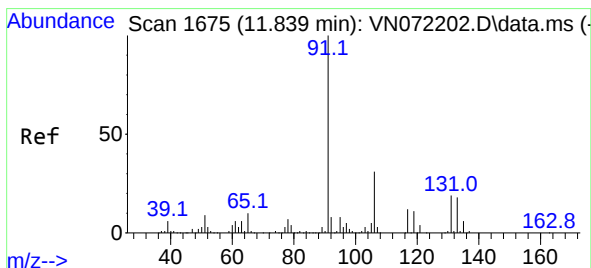
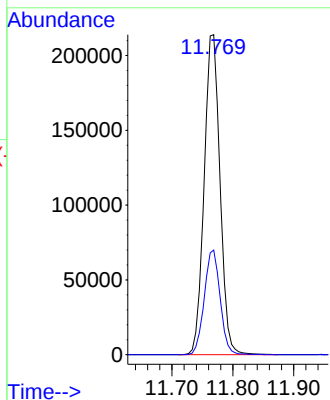
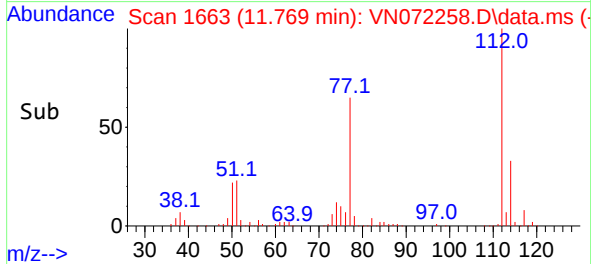
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



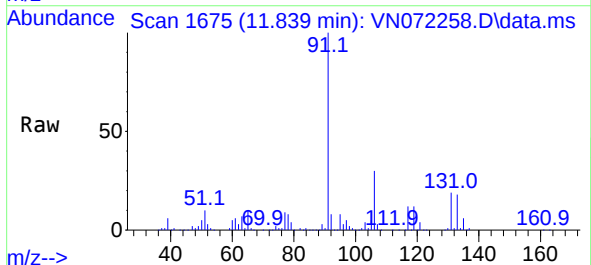
Tgt Ion:112 Resp: 387327
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

Manual Integrations
APPROVED

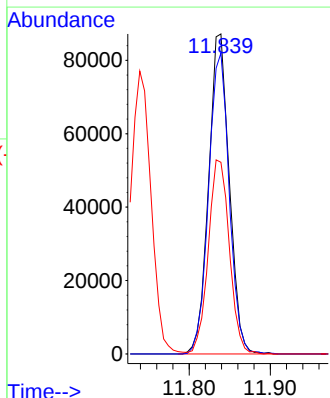
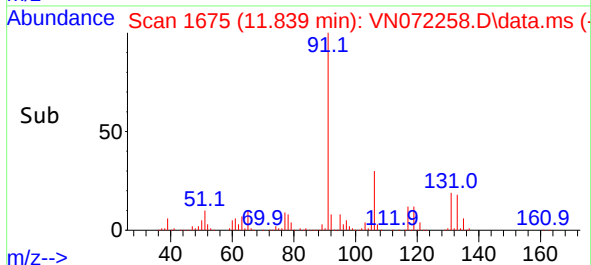
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

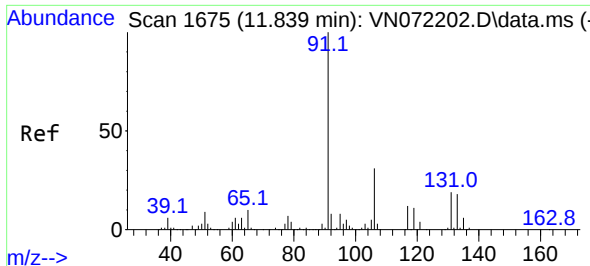


#66
1,1,1,2-Tetrachloroethane
Concen: 47.469 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



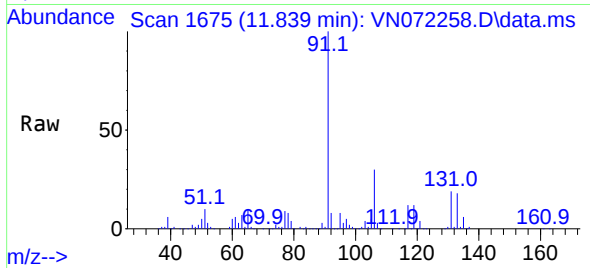
Tgt Ion:131 Resp: 154227
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.4
119 61.8 33.4 100.2





#67
Ethyl Benzene
Concen: 50.136 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

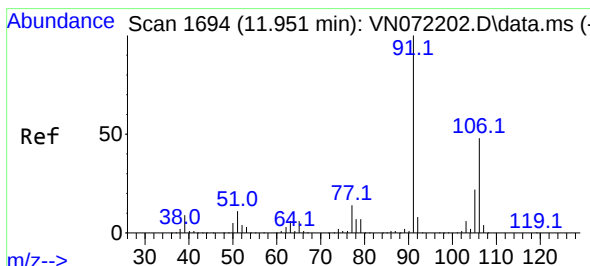
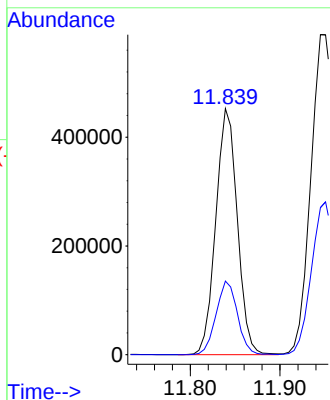
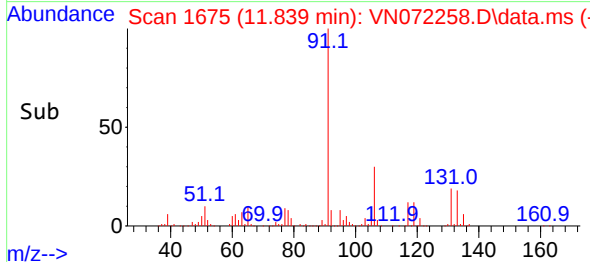
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



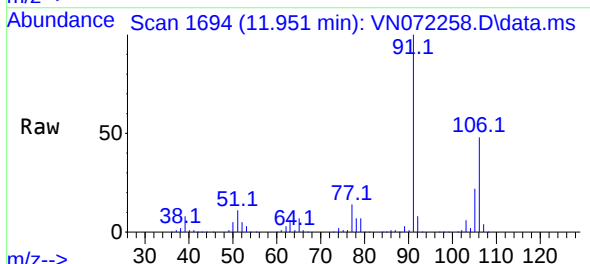
Tgt Ion: 91 Resp: 753912
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

Manual Integrations
APPROVED

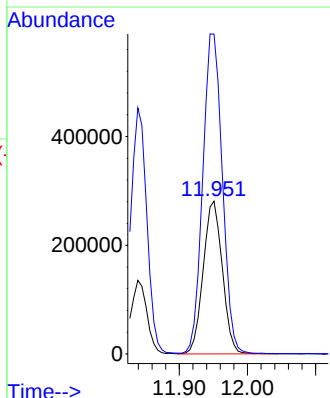
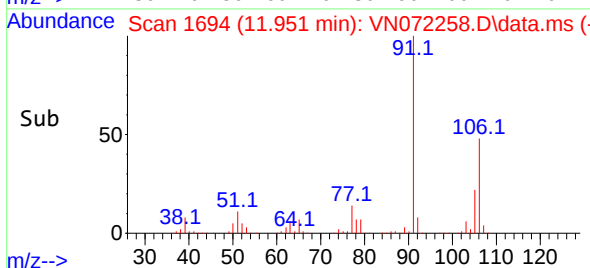
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

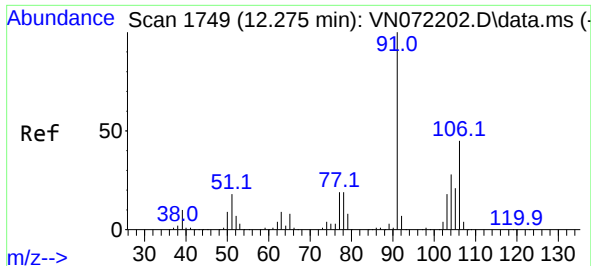


#68
m/p-Xylenes
Concen: 98.273 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion:106 Resp: 548748
Ion Ratio Lower Upper
106 100
91 215.0 158.9 238.3





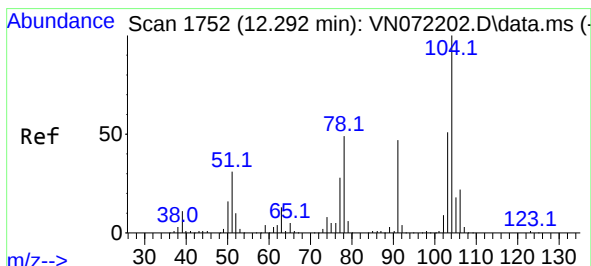
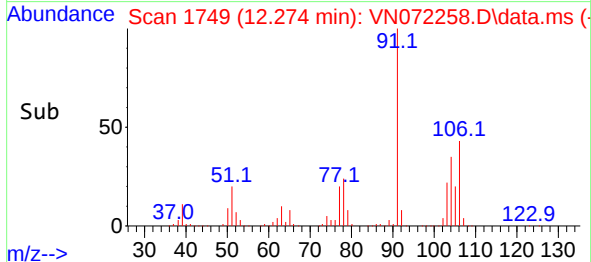
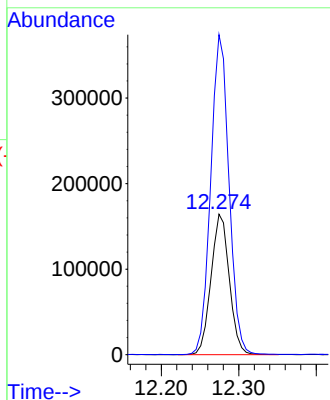
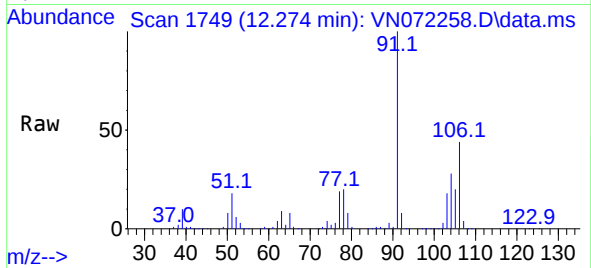
#69
o-Xylene
Concen: 49.764 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 26938
Ion Ratio Lower Upper
106 100
91 228.1 106.0 318.0

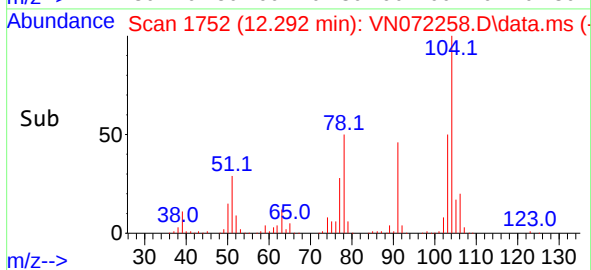
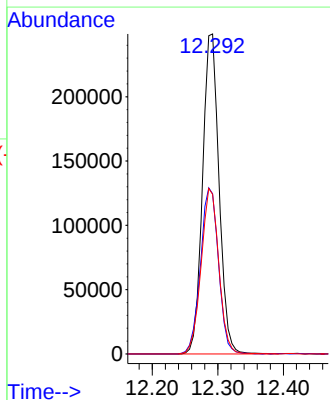
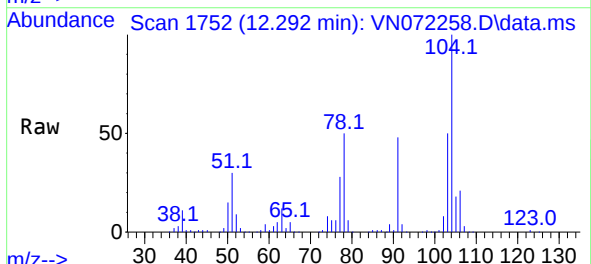
Manual Integrations
APPROVED

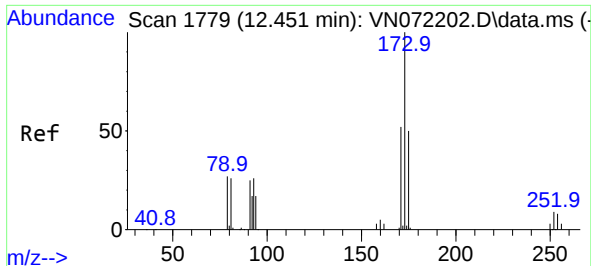
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#70
Styrene
Concen: 51.212 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

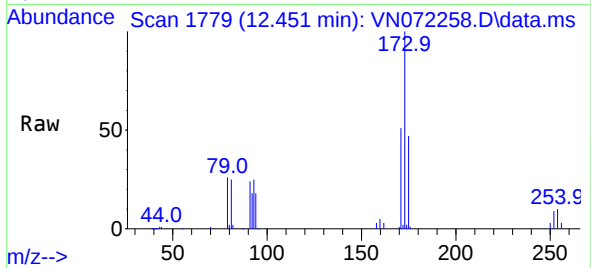
Tgt Ion:104 Resp: 436675
Ion Ratio Lower Upper
104 100
78 56.6 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 49.856 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

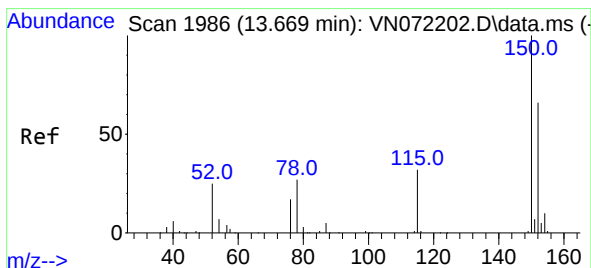
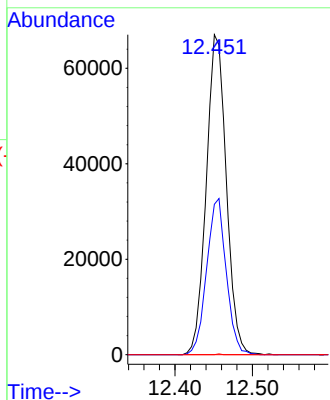
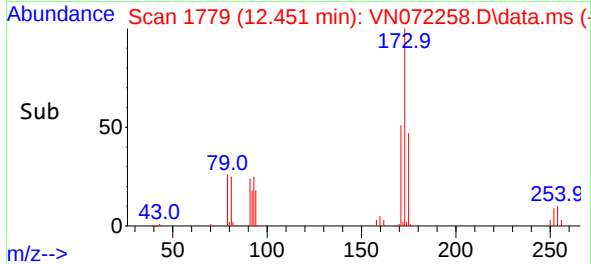
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



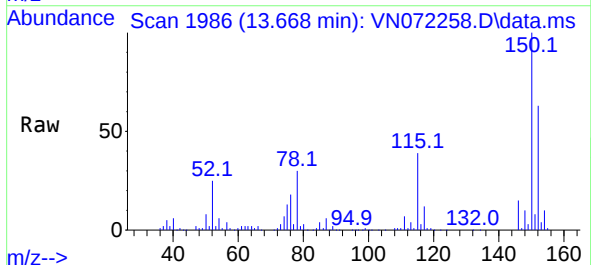
Tgt Ion:173 Resp: 120473
Ion Ratio Lower Upper
173 100
175 47.7 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

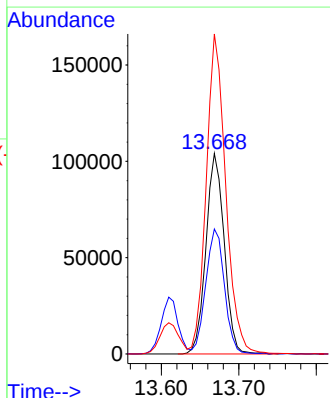
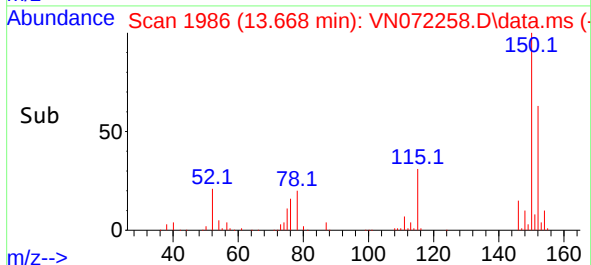
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

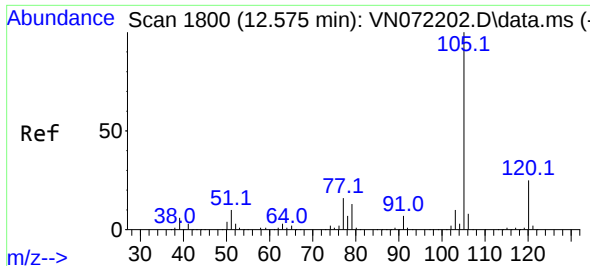


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion:152 Resp: 170379
Ion Ratio Lower Upper
152 100
115 63.8 28.9 86.7
150 170.9 0.0 356.2





#73
Isopropylbenzene
Concen: 48.026 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

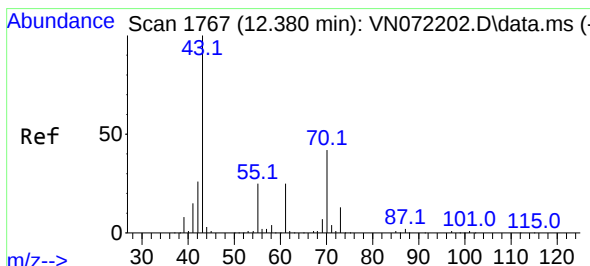
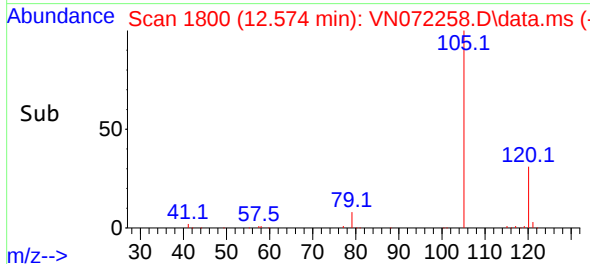
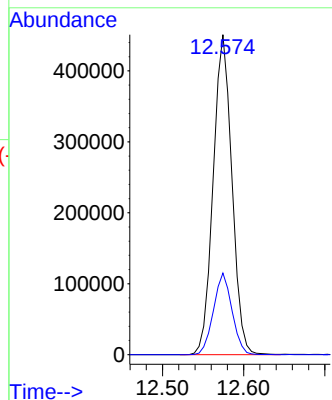
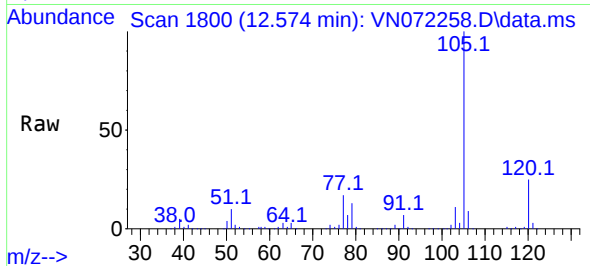
VSTDCCC050EC

Tgt Ion:105 Resp: 722694
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.4

Manual Integrations

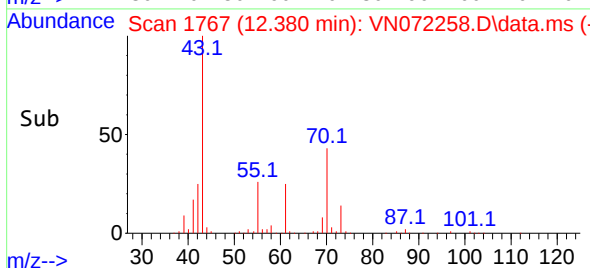
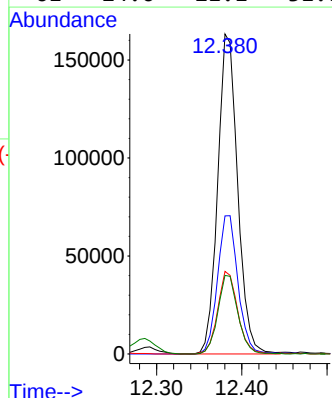
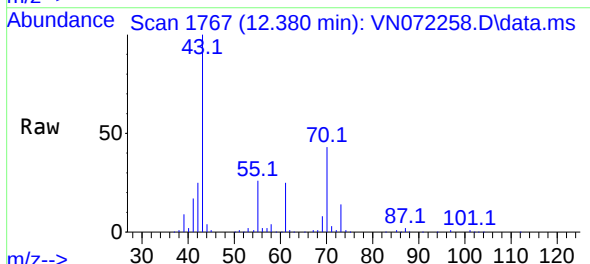
APPROVED

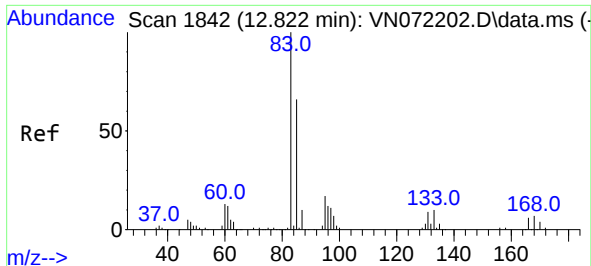
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#74
N-ethyl acetate
Concen: 47.066 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

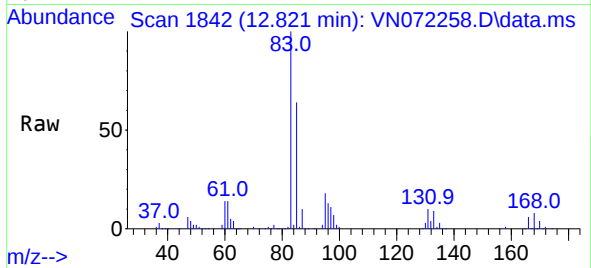
Tgt Ion: 43 Resp: 265340
Ion Ratio Lower Upper
43 100
70 44.3 39.0 58.4
55 25.8 21.1 31.7
61 24.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.153 ug/l
RT: 12.821 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

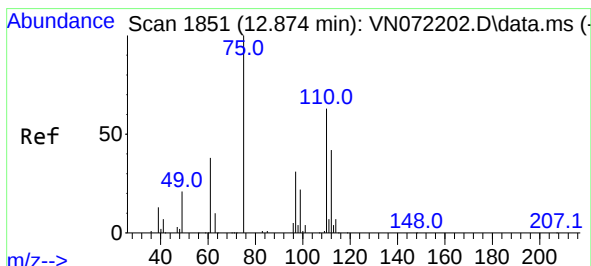
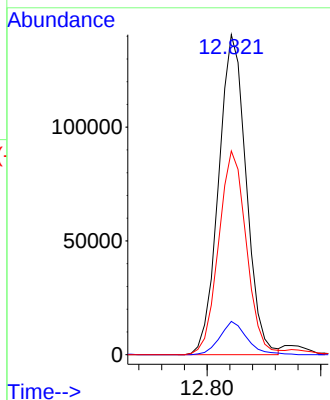
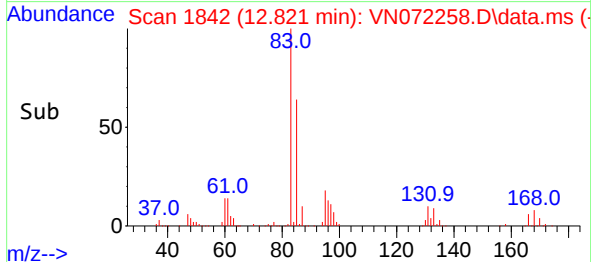
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



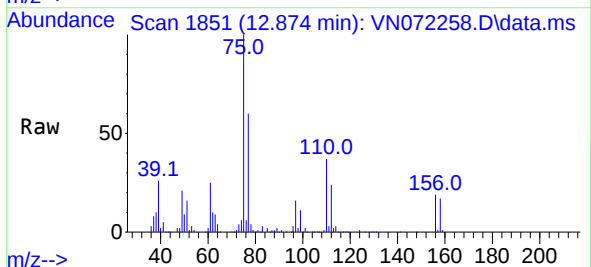
Tgt Ion: 83 Resp: 237064
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 64.3 32.3 96.9

Manual Integrations
APPROVED

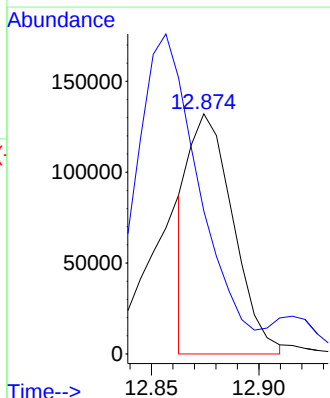
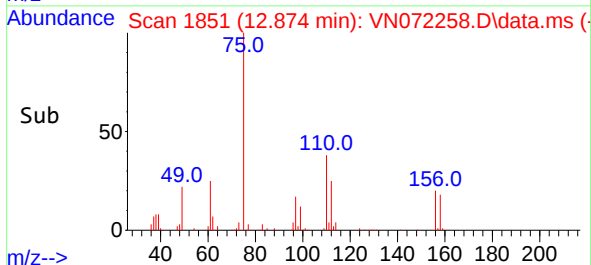
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

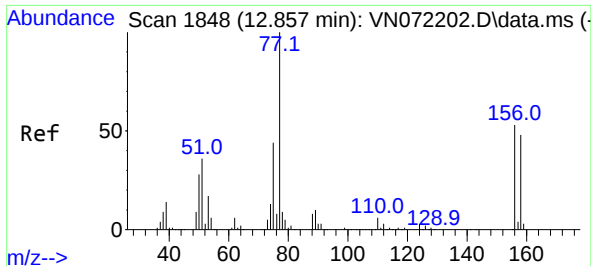


#76
1,2,3-Trichloropropane
Concen: 48.046 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



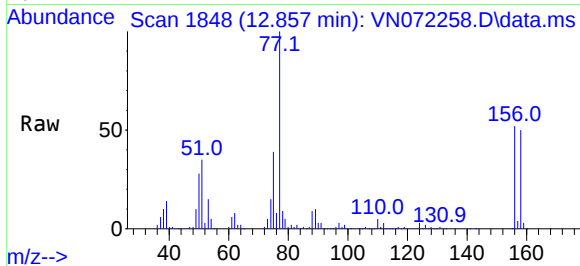
Tgt Ion: 75 Resp: 189671
Ion Ratio Lower Upper
75 100
77 191.8 98.5 295.5





#77
Bromobenzene
Concen: 44.135 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

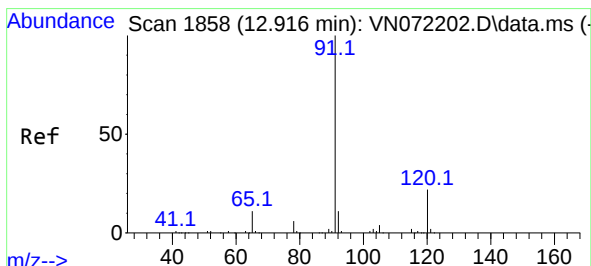
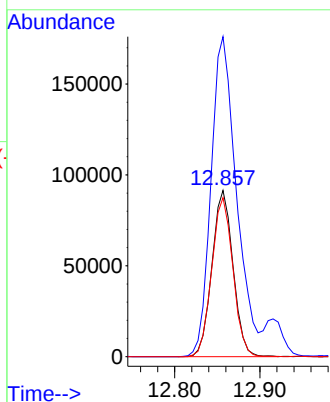
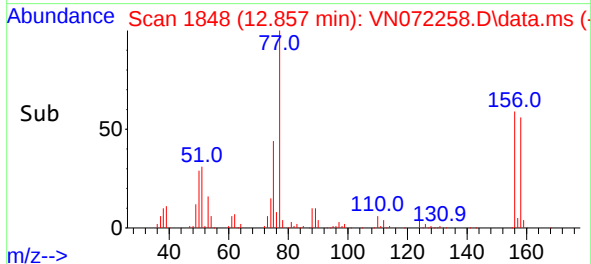
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



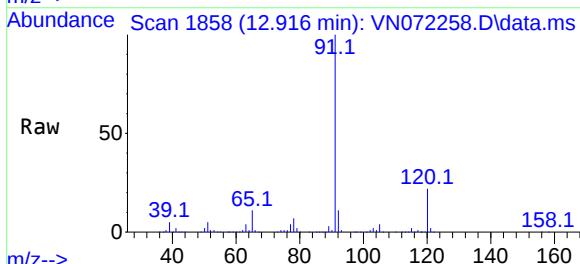
Tgt Ion:156 Resp: 157058
Ion Ratio Lower Upper
156 100
77 231.6 100.5 301.5
158 96.1 48.9 146.6

Manual Integrations
APPROVED

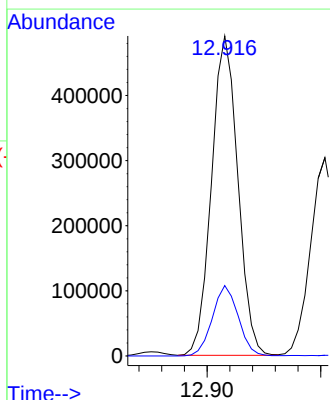
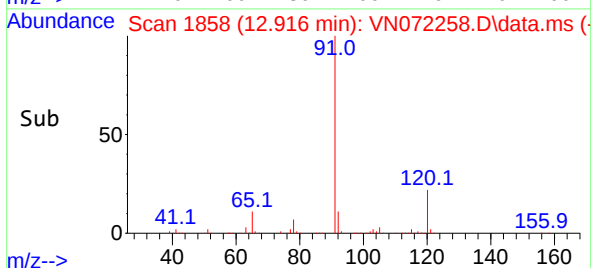
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

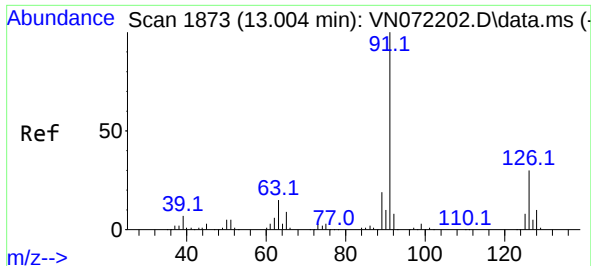


#78
n-propylbenzene
Concen: 47.578 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion: 91 Resp: 788724
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5





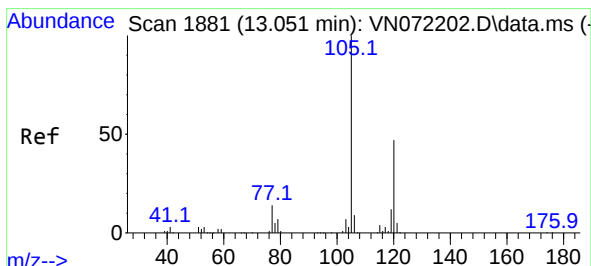
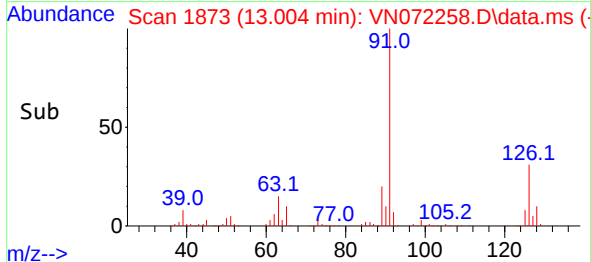
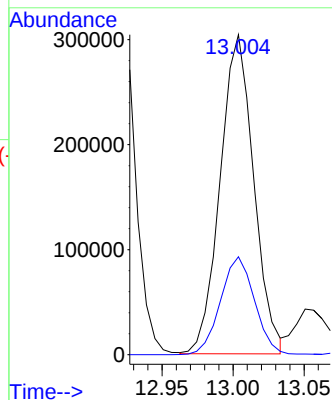
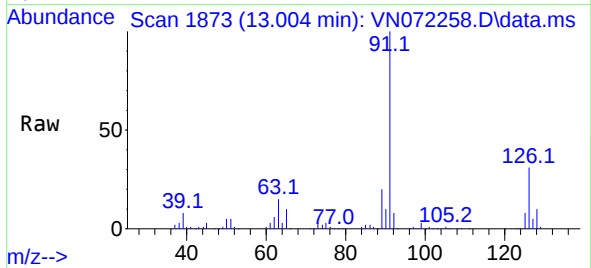
#79
2-Chlorotoluene
Concen: 45.967 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 50052
Ion Ratio Lower Upper
91 100
126 31.1 17.3 51.9

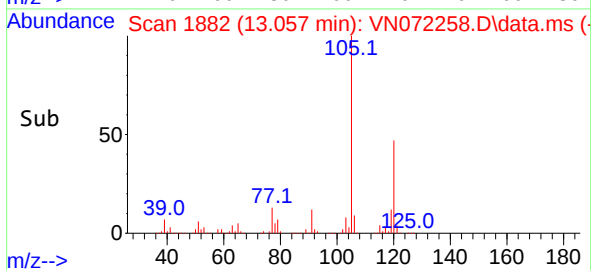
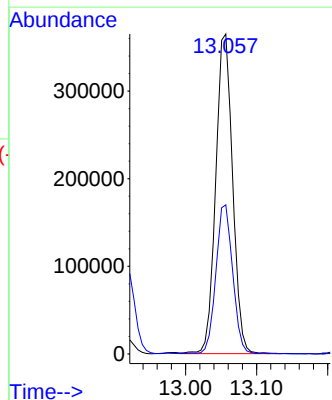
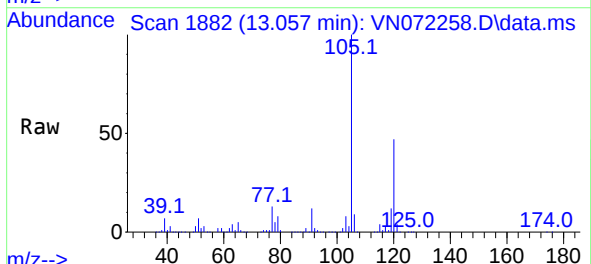
Manual Integrations
APPROVED

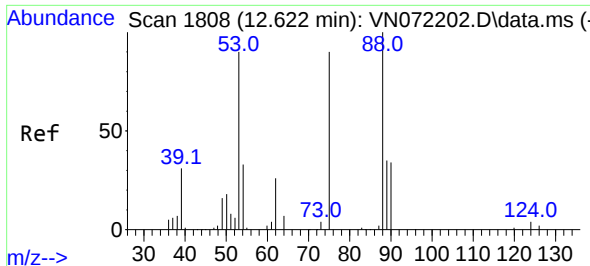
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.966 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

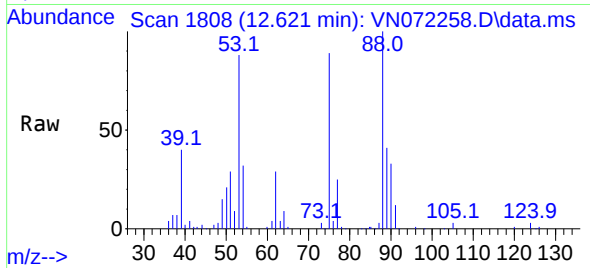
Tgt Ion:105 Resp: 601109
Ion Ratio Lower Upper
105 100
120 46.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 45.132 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

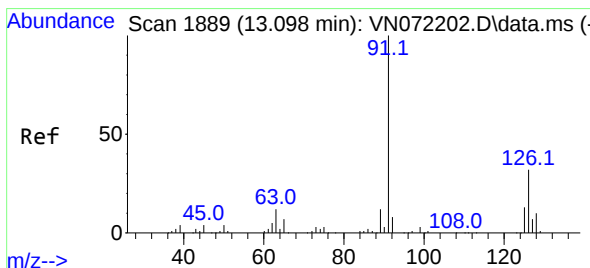
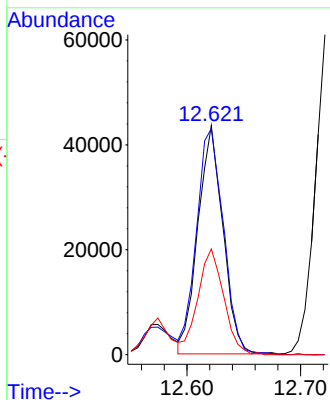
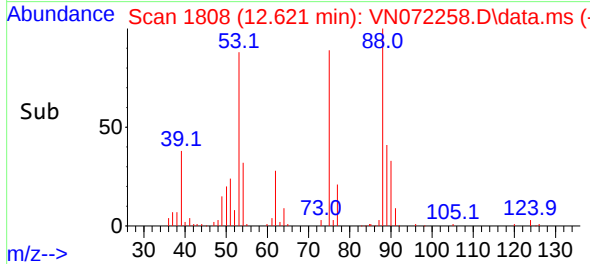
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



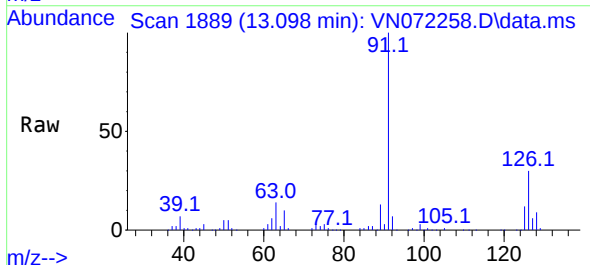
Tgt Ion: 75 Resp: 66504
Ion Ratio Lower Upper
75 100
53 107.2 78.0 117.0
89 48.2 37.2 55.8

Manual Integrations
APPROVED

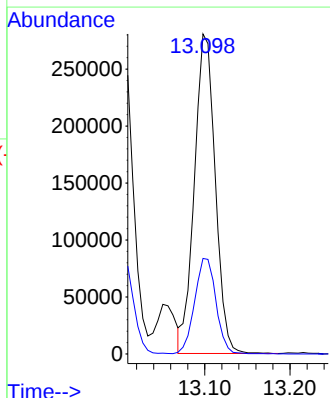
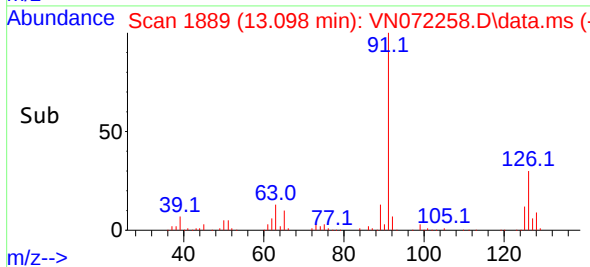
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

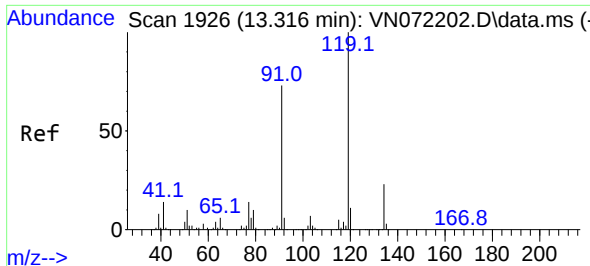


#82
4-Chlorotoluene
Concen: 46.975 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



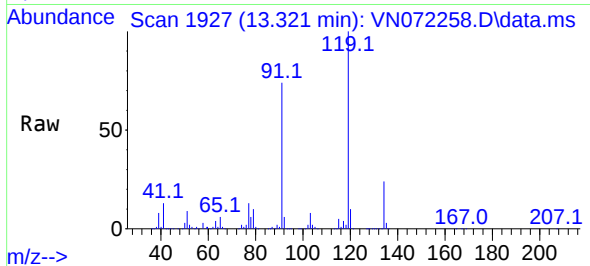
Tgt Ion: 91 Resp: 476144
Ion Ratio Lower Upper
91 100
126 30.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 47.804 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

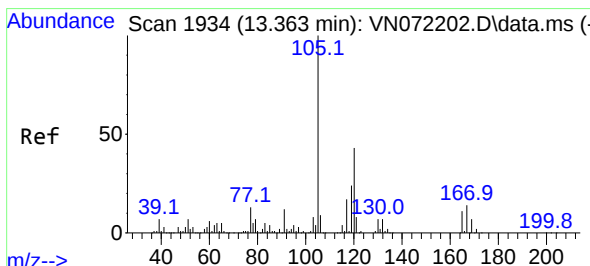
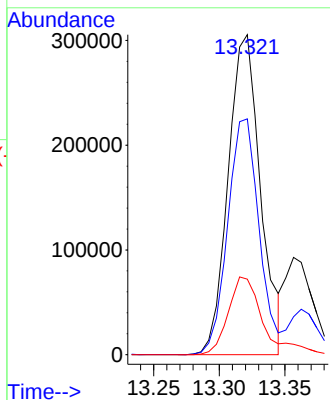
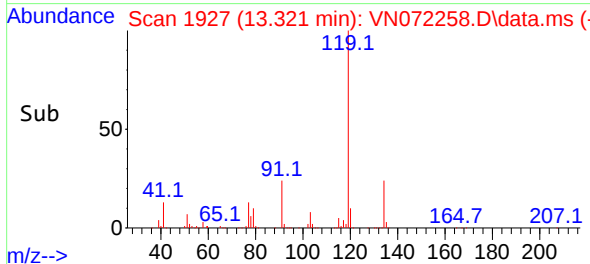
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 525999
Ion Ratio Lower Upper
119 100
91 71.2 31.6 94.8
134 26.2 13.7 41.1

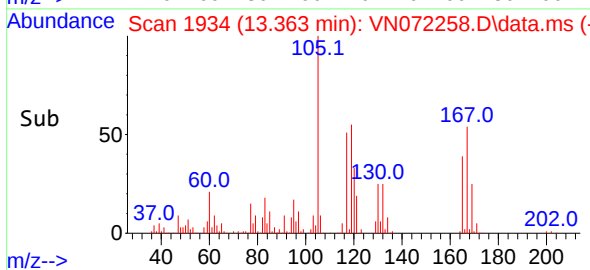
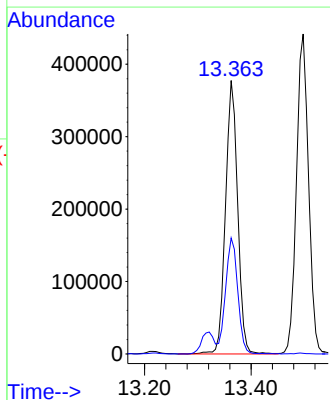
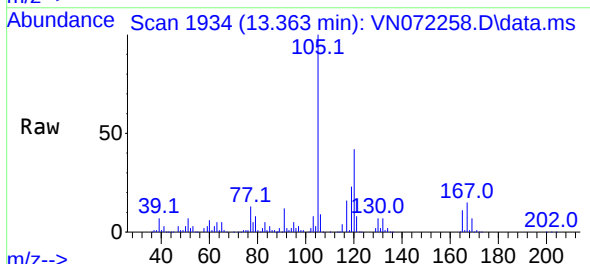
Manual Integrations
APPROVED

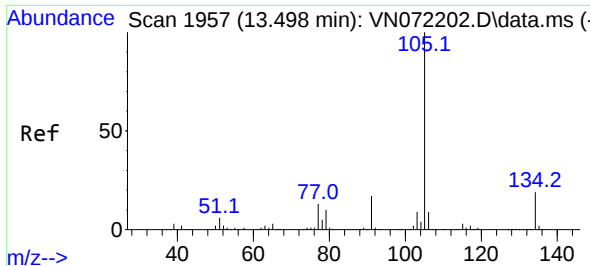
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#84
1,2,4-Trimethylbenzene
Concen: 49.439 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Tgt Ion:105 Resp: 599465
Ion Ratio Lower Upper
105 100
120 42.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 48.495 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072258.D
 Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

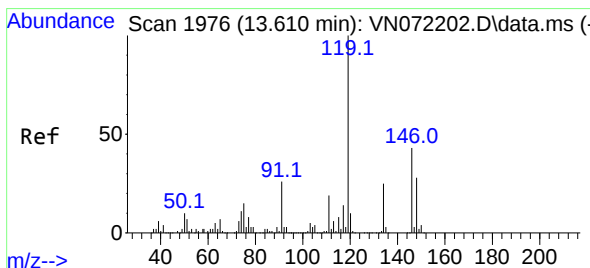
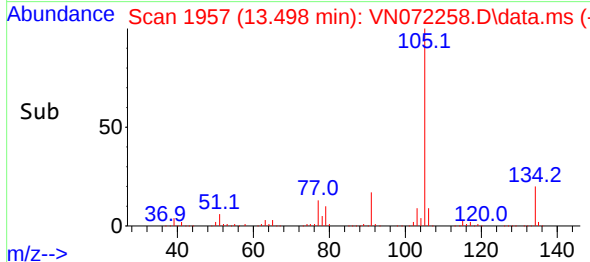
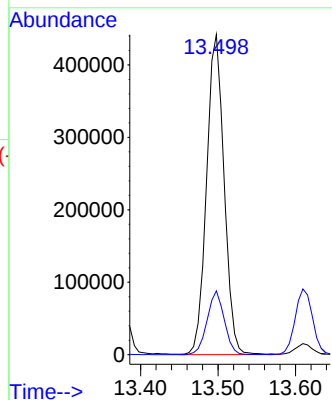
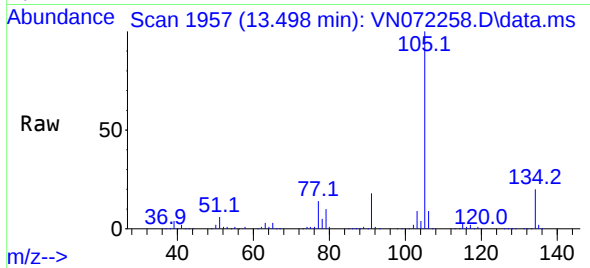
VSTDCCC050EC

Tgt Ion:105 Resp: 69567
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations

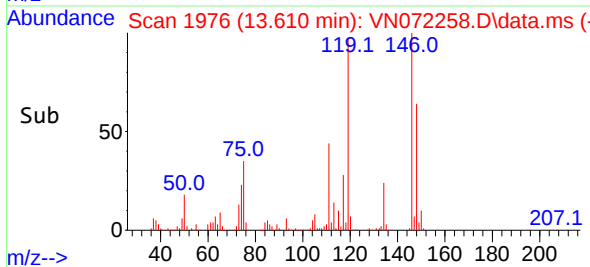
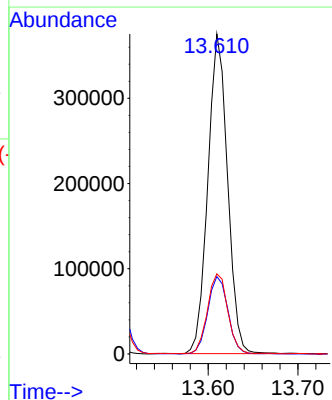
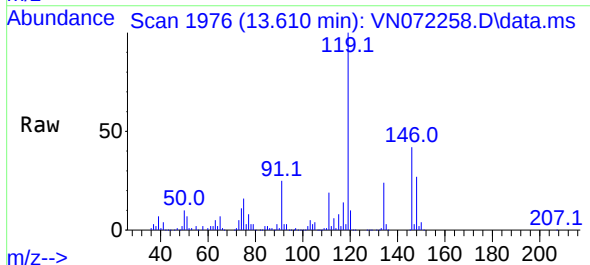
APPROVED

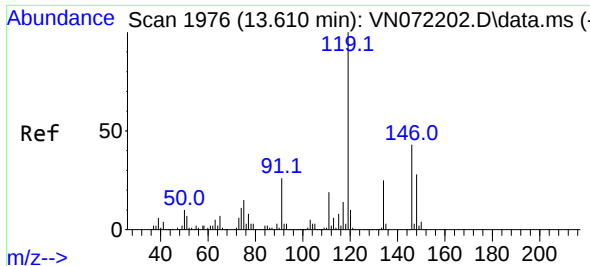
Reviewed By :John Carlone 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022



#86
 p-Isopropyltoluene
 Concen: 51.052 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072258.D
 Acq: 28 Apr 2022 23:25

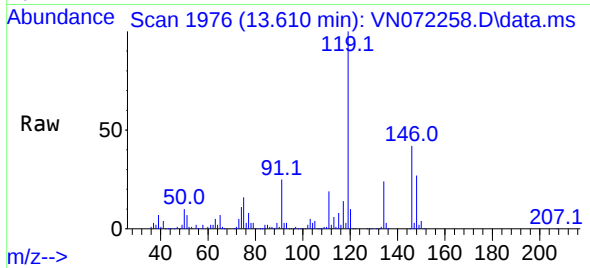
Tgt Ion:119 Resp: 570950
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.3 39.8
 91 25.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 45.968 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

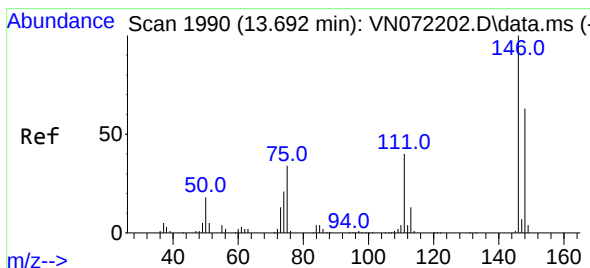
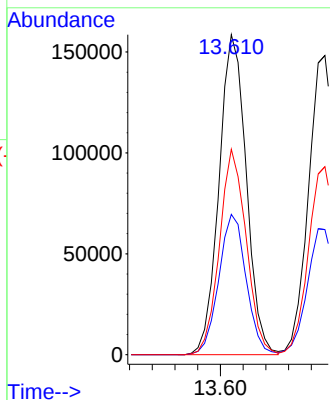
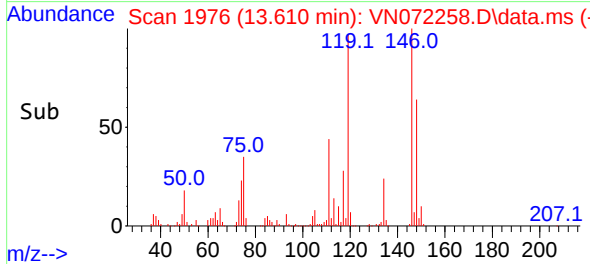
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



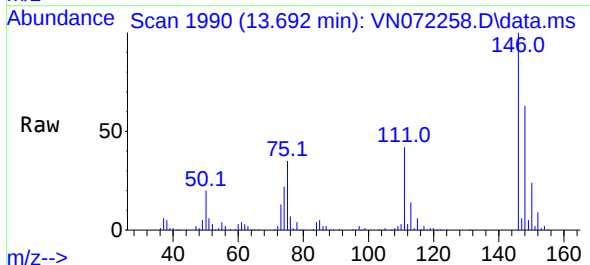
Tgt Ion:146 Resp: 264752
Ion Ratio Lower Upper
146 100
111 44.1 20.0 60.0
148 62.9 32.0 96.0

Manual Integrations
APPROVED

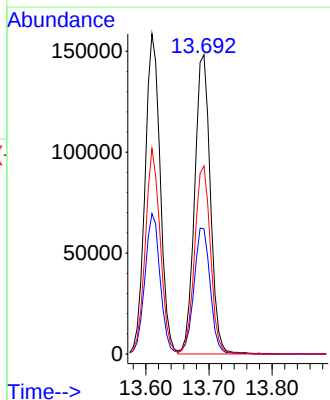
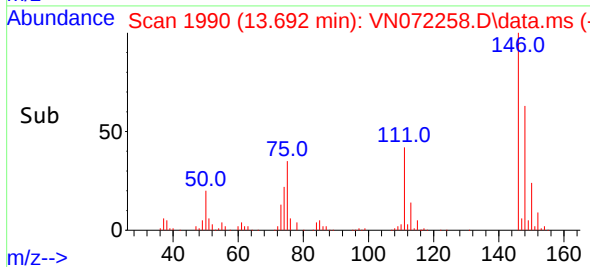
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

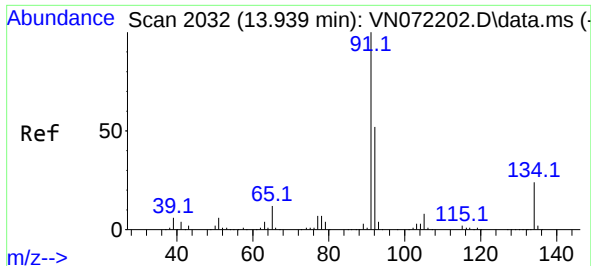


#88
1,4-Dichlorobenzene
Concen: 45.740 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion:146 Resp: 256189
Ion Ratio Lower Upper
146 100
111 43.4 19.1 57.1
148 63.5 31.4 94.3





#89
n-Butylbenzene
Concen: 49.952 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

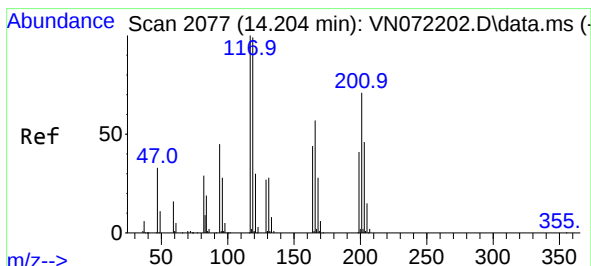
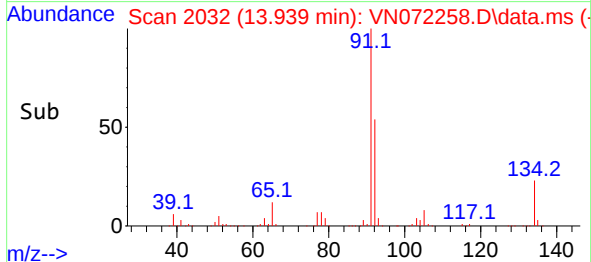
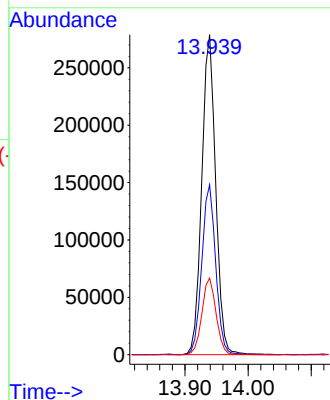
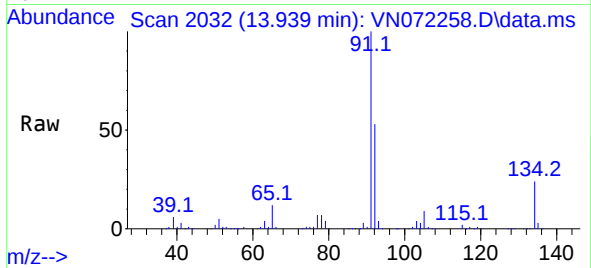
VSTDCCC050EC

Tgt Ion: 91 Resp: 42790
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 24.4 13.6 40.8

Manual Integrations

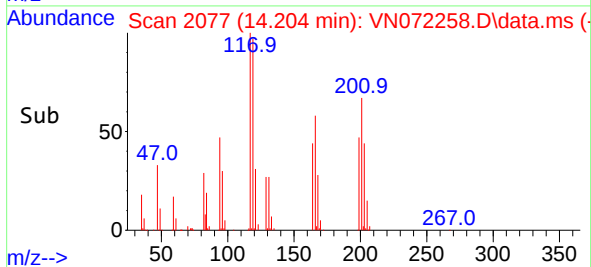
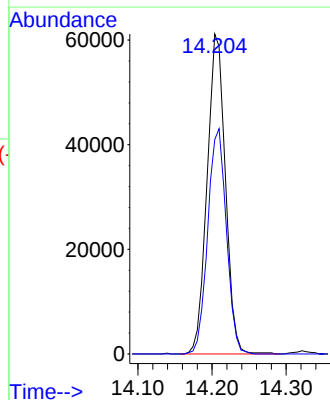
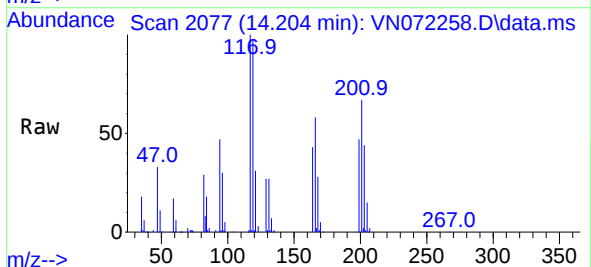
APPROVED

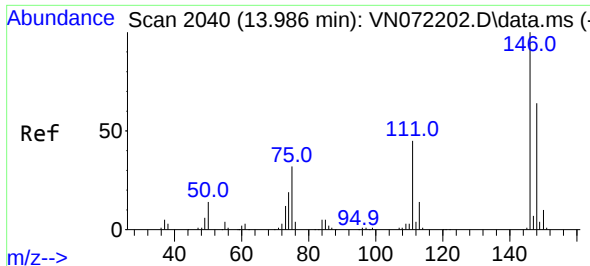
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#90
Hexachloroethane
Concen: 43.197 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

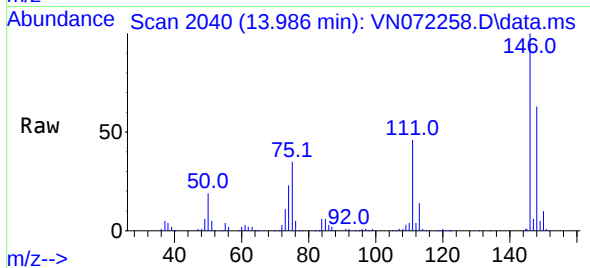
Tgt Ion:117 Resp: 104873
Ion Ratio Lower Upper
117 100
201 71.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 45.616 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

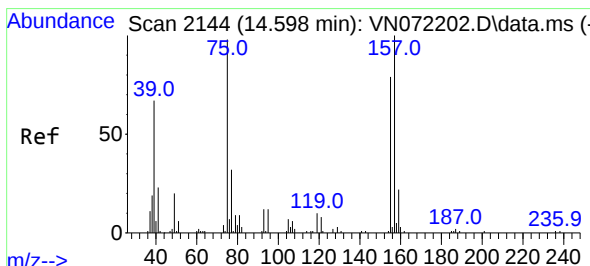
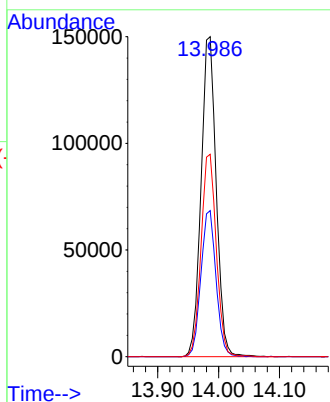
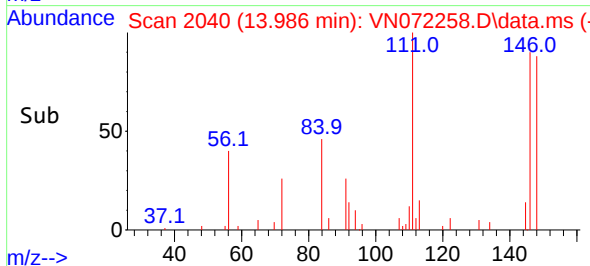
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



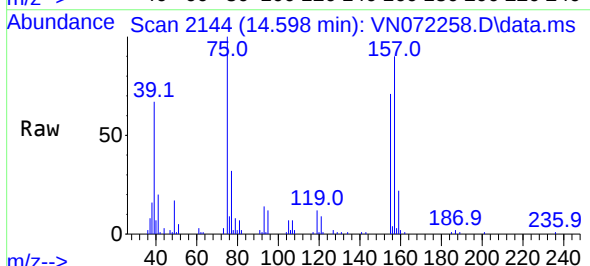
Tgt Ion:146 Resp: 25894
Ion Ratio Lower Upper
146 100
111 45.6 20.9 62.8
148 63.8 32.1 96.3

Manual Integrations
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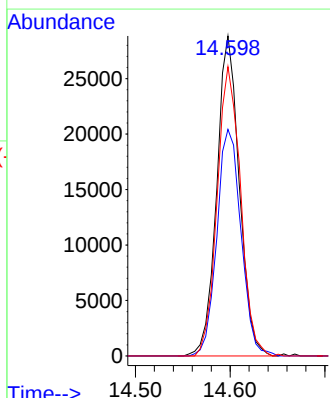
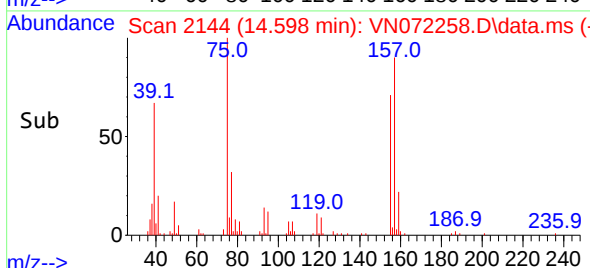
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

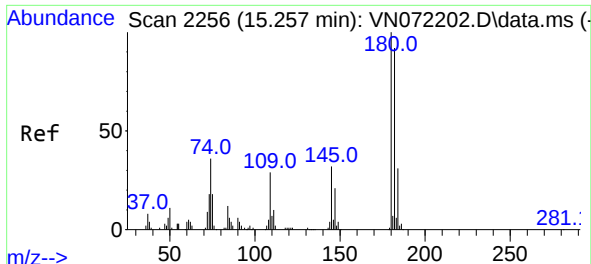


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.987 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



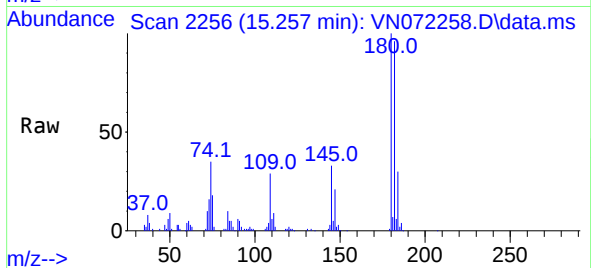
Tgt Ion: 75 Resp: 47861
Ion Ratio Lower Upper
75 100
155 75.6 44.9 134.5
157 93.6 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 45.361 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

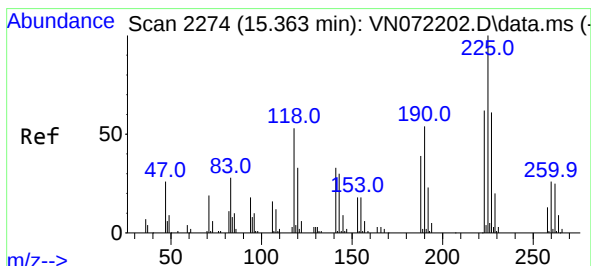
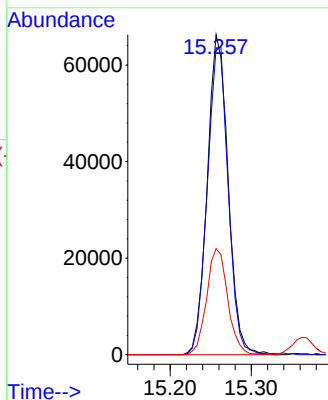
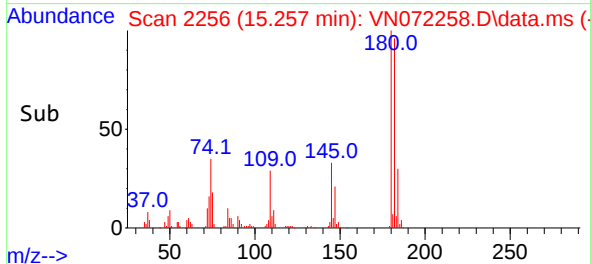
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



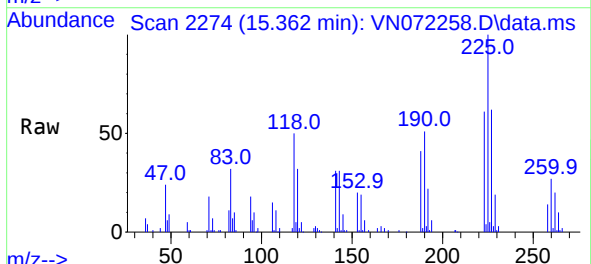
Tgt Ion:180 Resp: 118420
Ion Ratio Lower Upper
180 100
182 96.2 47.5 142.5
145 33.4 14.5 43.5

Manual Integrations
APPROVED

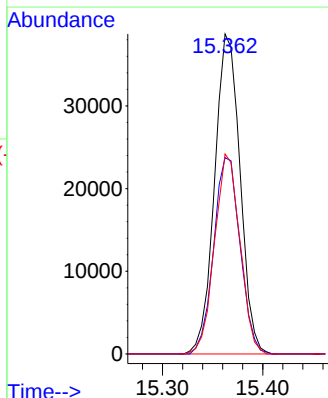
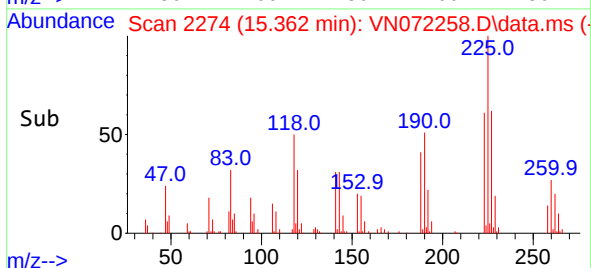
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

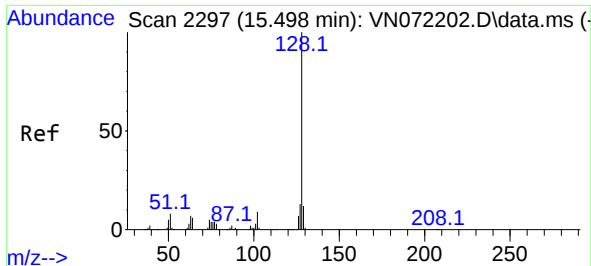


#94
Hexachlorobutadiene
Concen: 44.852 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



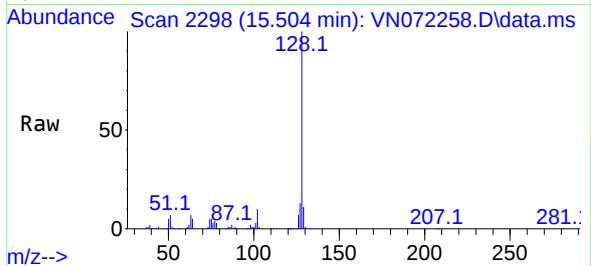
Tgt Ion:225 Resp: 68227
Ion Ratio Lower Upper
225 100
223 63.6 32.4 97.2
227 62.3 31.8 95.4





#95
Naphthalene
Concen: 47.331 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25

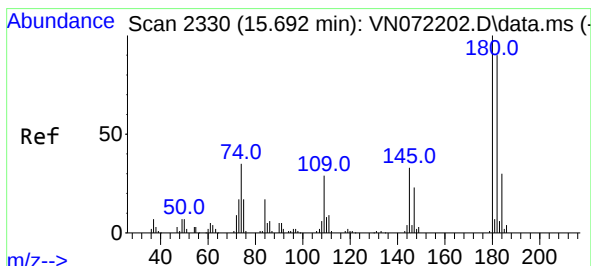
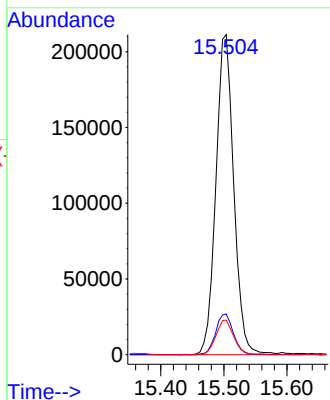
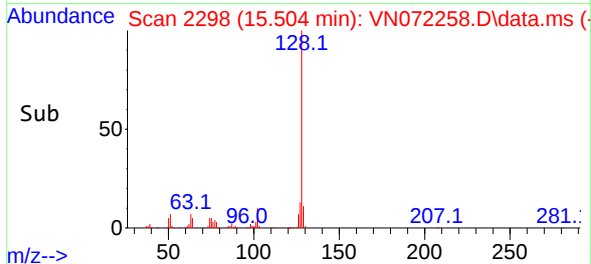
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



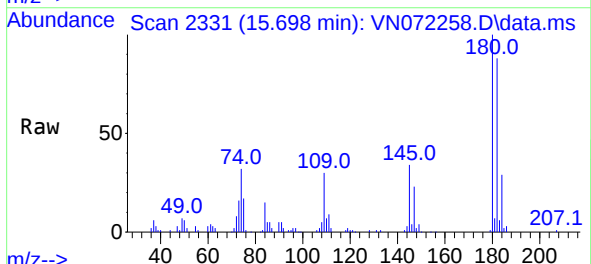
Tgt Ion:128 Resp: 41547
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.026 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072258.D
Acq: 28 Apr 2022 23:25



Tgt Ion:180 Resp: 122553
Ion Ratio Lower Upper
180 100
182 91.9 47.8 143.3
145 34.0 15.5 46.5

