

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072231.D
 Acq On : 27 Apr 2022 21:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 04/28/2022

Quant Time: Apr 28 06:07:48 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	258011	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	432906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	401686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	163527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	205421	51.860	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.720%			
35) Dibromofluoromethane	8.016	113	141884	51.206	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.420%			
50) Toluene-d8	10.439	98	573375	52.662	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.320%			
62) 4-Bromofluorobenzene	12.727	95	201770	55.832	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	137847	47.659	ug/l	98
3) Chloromethane	2.299	50	143768	44.210	ug/l	99
4) Vinyl Chloride	2.440	62	122634	42.222	ug/l	99
5) Bromomethane	2.834	94	68781	49.445	ug/l	99
6) Chloroethane	3.004	64	74842	45.436	ug/l	97
7) Trichlorofluoromethane	3.369	101	229144	45.158	ug/l	99
8) Diethyl Ether	3.828	74	86864	47.275	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.204	101	121451	45.566	ug/l	95
10) Methyl Iodide	4.422	142	154074	47.621	ug/l	# 86
11) Tert butyl alcohol	5.363	59	153171	235.308	ug/l	100
12) 1,1-Dichloroethene	4.181	96	112714	45.740	ug/l	93
13) Acrolein	4.040	56	141358	215.789	ug/l	97
14) Allyl chloride	4.840	41	234504	45.833	ug/l	93
15) Acrylonitrile	5.545	53	459353	233.850	ug/l	99
16) Acetone	4.281	43	385273	225.601	ug/l	98
17) Carbon Disulfide	4.534	76	255359	44.087	ug/l	97
18) Methyl Acetate	4.851	43	220149	46.109	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	481966	49.896	ug/l	100
20) Methylene Chloride	5.092	84	146159	44.649	ug/l	89
21) trans-1,2-Dichloroethene	5.592	96	121041	44.545	ug/l	89
22) Diisopropyl ether	6.492	45	484985	46.019	ug/l	97
23) Vinyl Acetate	6.428	43	2106785	238.027	ug/l	94
24) 1,1-Dichloroethane	6.386	63	268615	45.567	ug/l	99
25) 2-Butanone	7.333	43	618397	227.374	ug/l	92
26) 2,2-Dichloropropane	7.322	77	209980	45.600	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	152103	45.916	ug/l	91
28) Bromochloromethane	7.651	49	118243	44.795	ug/l	83
29) Tetrahydrofuran	7.675	42	413831	231.854	ug/l	90
30) Chloroform	7.816	83	275409	46.531	ug/l	99
31) Cyclohexane	8.092	56	224174	42.356	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	245199	48.680	ug/l	100
36) 1,1-Dichloropropene	8.216	75	187917	46.593	ug/l	96
37) Ethyl Acetate	7.404	43	247921	46.288	ug/l	97
38) Carbon Tetrachloride	8.204	117	207041	47.930	ug/l	99
39) Methylcyclohexane	9.457	83	215871	47.856	ug/l	91
40) Benzene	8.457	78	580709	46.419	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	132434	48.876	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	232536	48.552	ug/l	96
43) Isopropyl Acetate	8.557	43	382741	45.584	ug/l	96
44) Trichloroethene	9.210	130	134170	46.105	ug/l	93
45) 1,2-Dichloropropane	9.486	63	156399	46.267	ug/l	97
46) Dibromomethane	9.575	93	103158	48.714	ug/l	89
47) Bromodichloromethane	9.757	83	218049	49.074	ug/l	95
48) Methyl methacrylate	9.557	41	174229	49.245	ug/l	95
49) 1,4-Dioxane	9.563	88	62709	1009.010	ug/l #	85
51) 4-Methyl-2-Pentanone	10.327	43	1260442	249.413	ug/l	95
52) Toluene	10.504	92	372510	49.809	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	232384	52.028	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	247313	51.199	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	151053	48.171	ug/l	97
56) Ethyl methacrylate	10.757	69	252657	46.196	ug/l	91
57) 1,3-Dichloropropane	11.039	76	267804	48.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	309226	212.179	ug/l	95
59) 2-Hexanone	11.080	43	910707	255.776	ug/l	94
60) Dibromochloromethane	11.233	129	161846	50.474	ug/l	99
61) 1,2-Dibromoethane	11.339	107	153382	49.736	ug/l	100
64) Tetrachloroethene	10.974	164	112869	46.680	ug/l	96
65) Chlorobenzene	11.769	112	383422	47.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	149795	48.981	ug/l	97
67) Ethyl Benzene	11.839	91	717977	50.726	ug/l	99
68) m/p-Xylenes	11.951	106	528395	100.532	ug/l	89
69) o-Xylene	12.274	106	263713	51.755	ug/l	90
70) Styrene	12.292	104	432547	53.893	ug/l	95
71) Bromoform	12.451	173	118485	52.092	ug/l #	98
73) Isopropylbenzene	12.574	105	704017	48.745	ug/l	97
74) N-amyl acetate	12.380	43	263504	48.698	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	234446	48.631	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	214046m	55.344	ug/l	
77) Bromobenzene	12.857	156	153860	45.048	ug/l	84
78) n-propylbenzene	12.915	91	787816	49.514	ug/l	96
79) 2-Chlorotoluene	13.004	91	495794	47.441	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	588287	48.910	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	65768	46.503	ug/l	92
82) 4-Chlorotoluene	13.098	91	464489	47.746	ug/l	95
83) tert-Butylbenzene	13.321	119	517544	49.007	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	586071	50.360	ug/l	95
85) sec-Butylbenzene	13.498	105	696253	50.569	ug/l	97
86) p-Isopropyltoluene	13.610	119	555069	51.711	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	263409	47.651	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	254398	47.323	ug/l	97
89) n-Butylbenzene	13.939	91	436965	53.147	ug/l	96
90) Hexachloroethane	14.204	117	106483	45.698	ug/l	87
91) 1,2-Dichlorobenzene	13.986	146	256607	47.097	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	46637	46.689	ug/l	81
93) 1,2,4-Trichlorobenzene	15.257	180	115773	46.160	ug/l	97
94) Hexachlorobutadiene	15.368	225	65912	45.145	ug/l	99
95) Naphthalene	15.504	128	362313	43.398	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	115033	46.049	ug/l	97

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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

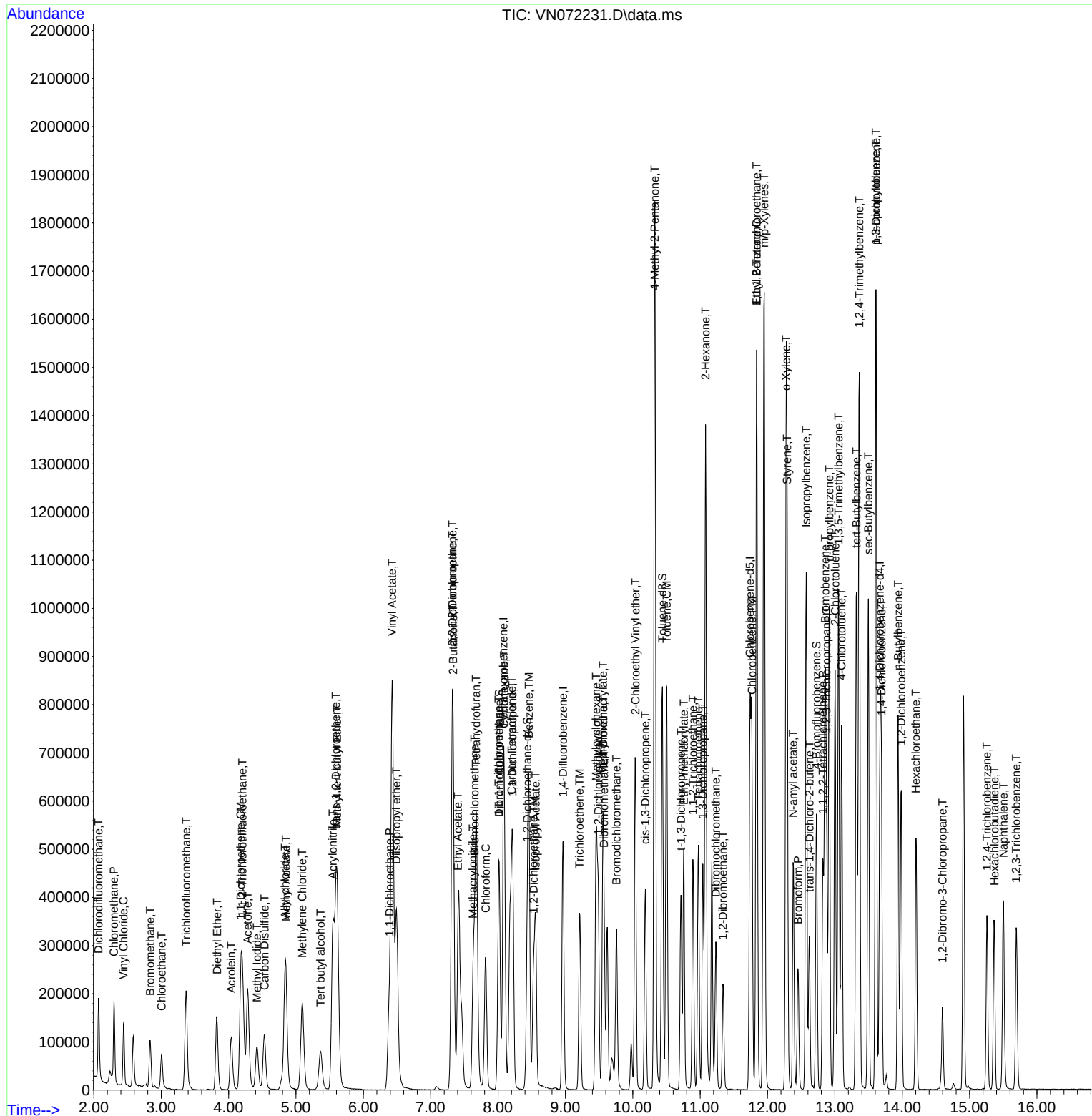
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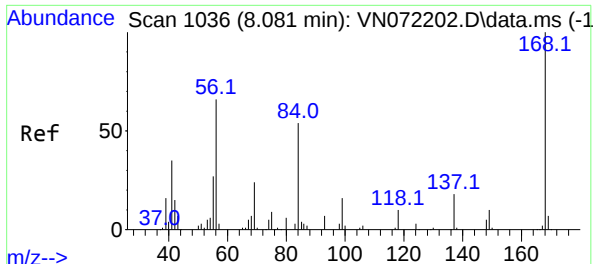
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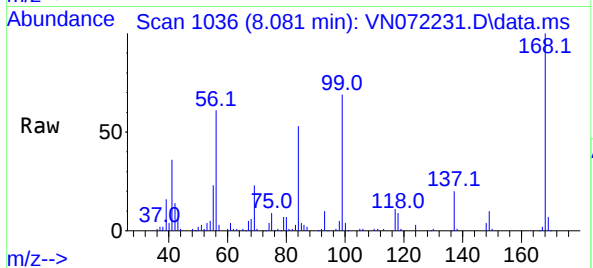
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072231.D
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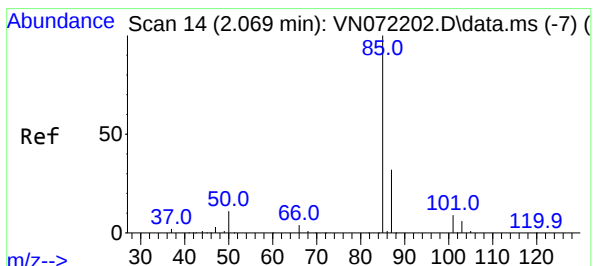
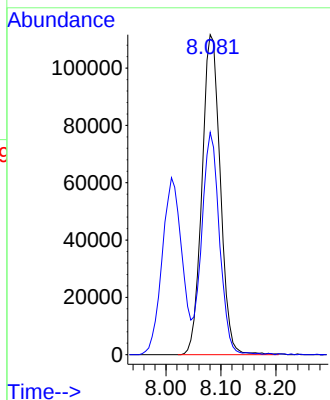
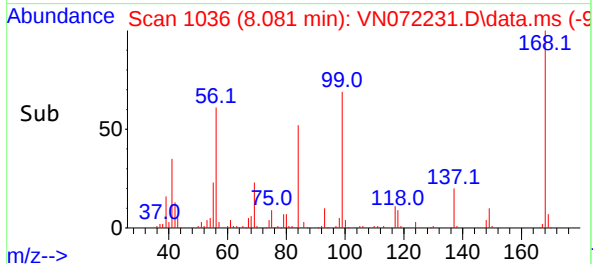
Tgt Ion:168 Resp: 25801
Ion Ratio Lower Upper
168 100
99 69.1 42.3 63.5

Manual Integrations

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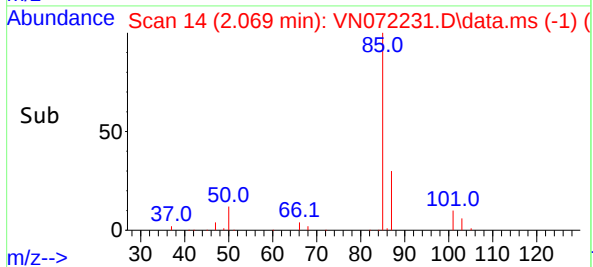
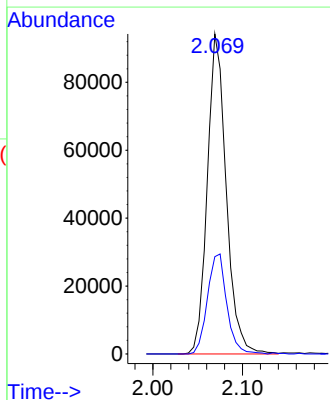
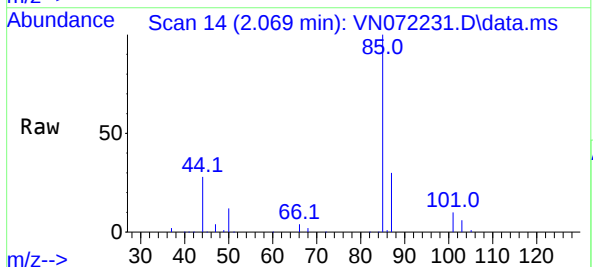
Reviewed By :John Carlone 04/28/2022

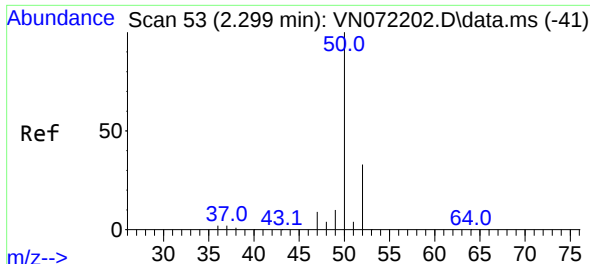
Supervised By :Mahesh Dadoda 04/28/2022



#2
Dichlorodifluoromethane
Concen: 47.659 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072231.D
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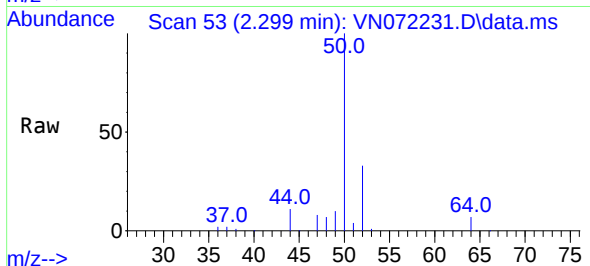
Tgt Ion: 85 Resp: 137847
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.1





#3
Chloromethane
Concen: 44.210 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

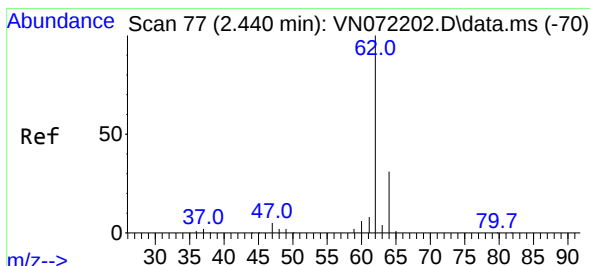
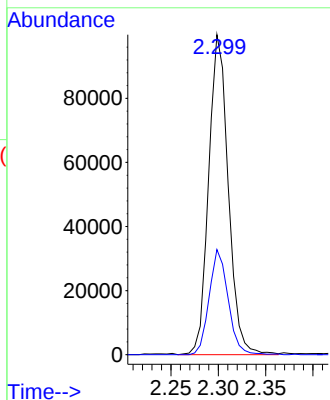
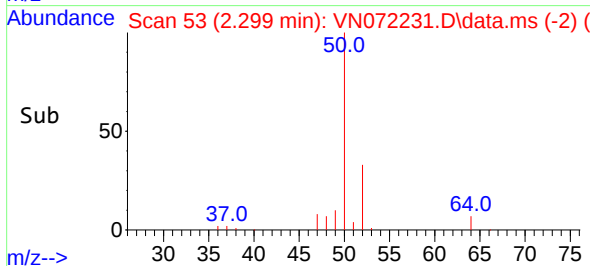
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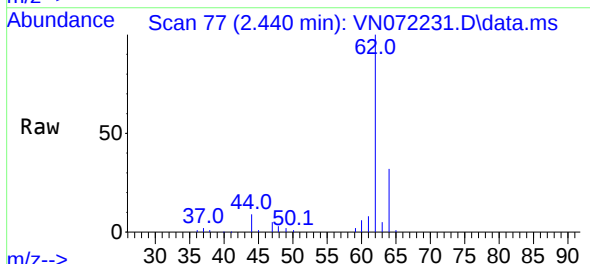
Tgt Ion: 50 Resp: 143768
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5

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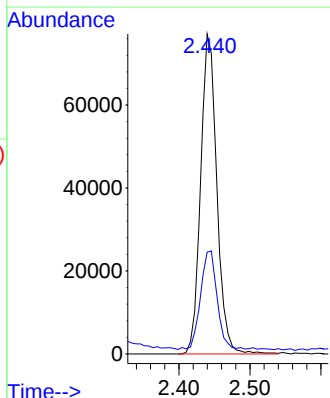
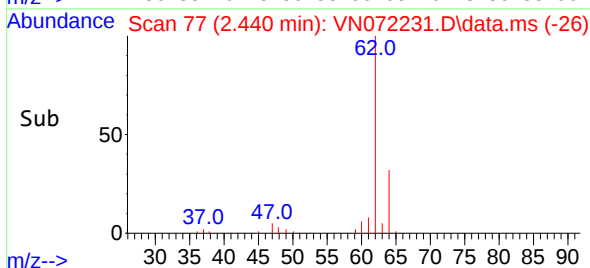
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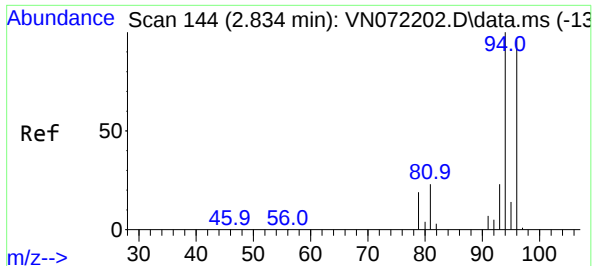


#4
Vinyl Chloride
Concen: 42.222 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072231.D
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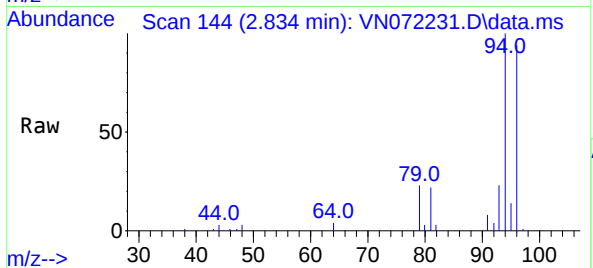
Tgt Ion: 62 Resp: 122634
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.4





#5
Bromomethane
Concen: 49.445 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

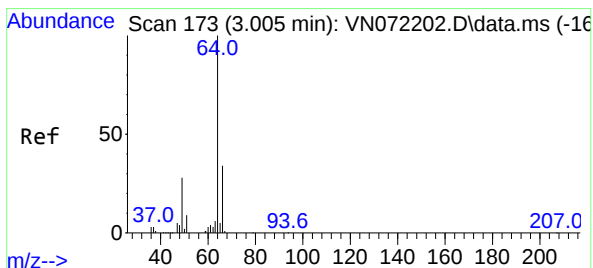
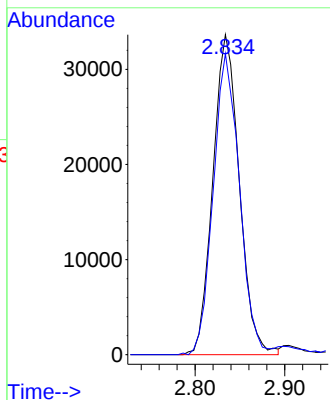
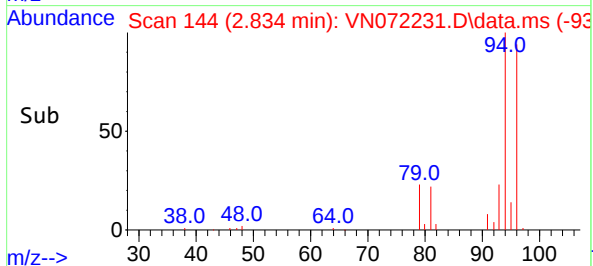
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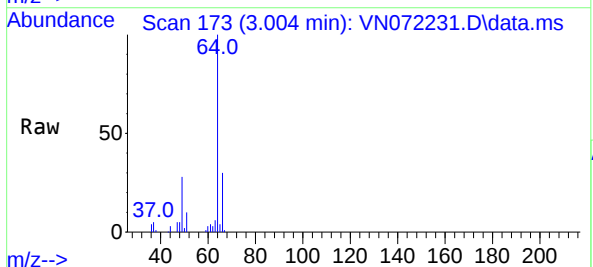
Tgt Ion: 94 Resp: 6878
Ion Ratio Lower Upper
94 100
96 94.0 76.0 114.0

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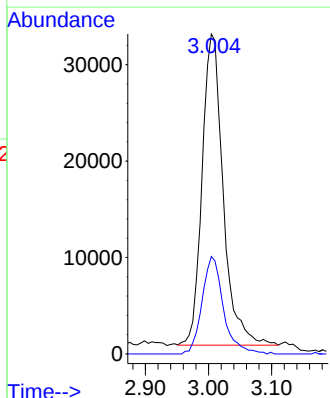
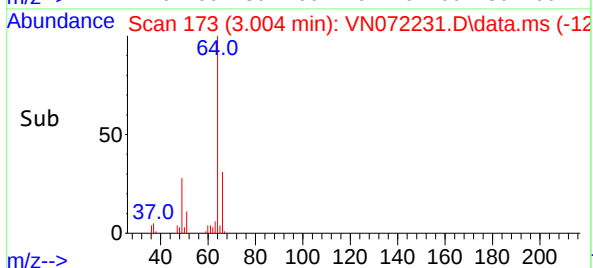
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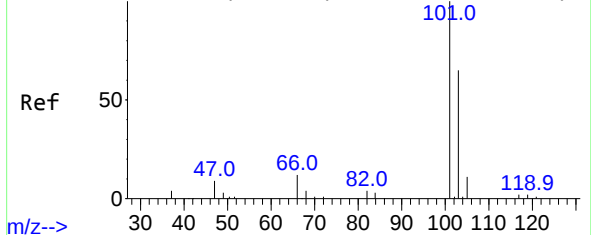
#6
Chloroethane
Concen: 45.436 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



Tgt Ion: 64 Resp: 74842
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4



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



#7
Trichlorofluoromethane
Concen: 45.158 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :

MSVOA_N

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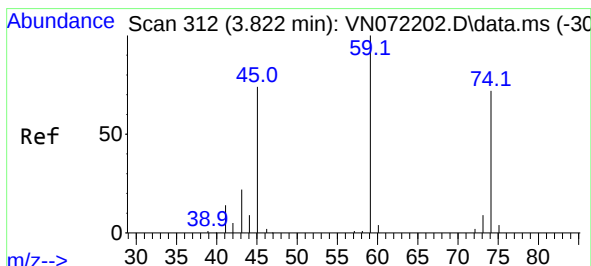
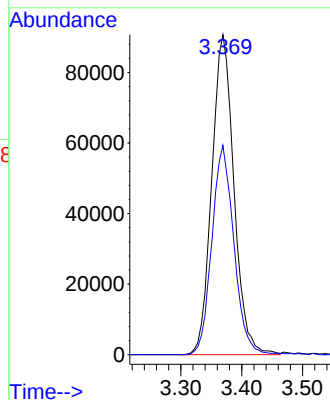
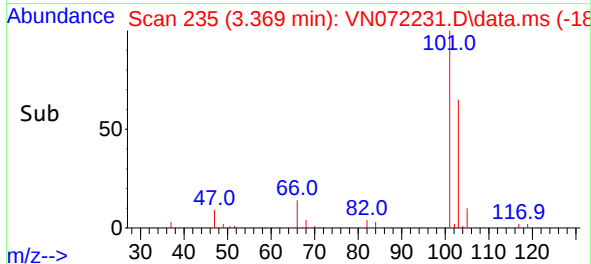
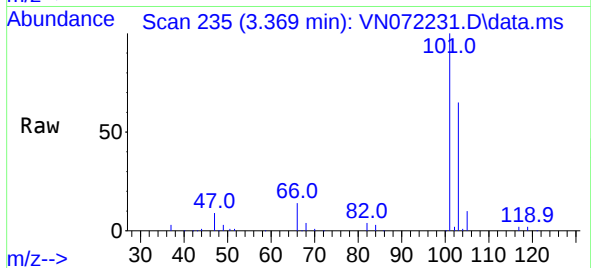
VSTDCCC050EC

Tgt Ion:101 Resp: 229144
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

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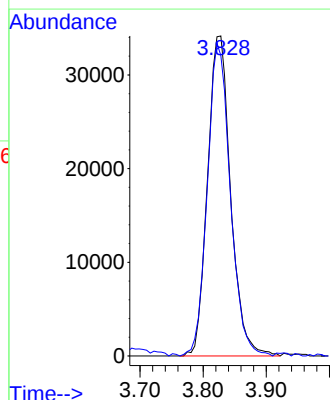
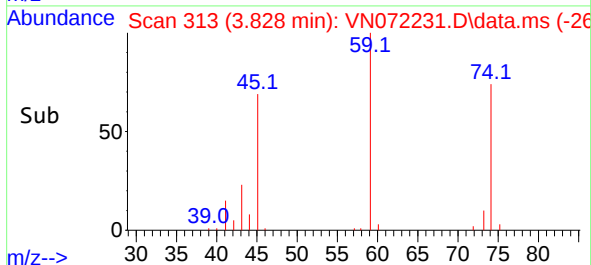
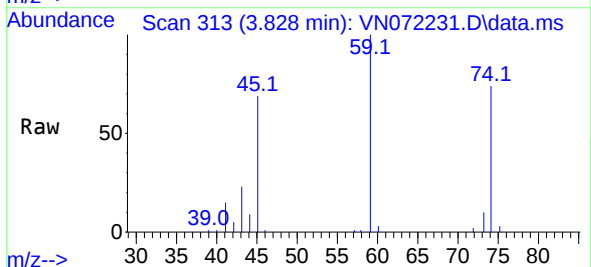
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Supervised By :Mahesh Dadoda 04/28/2022

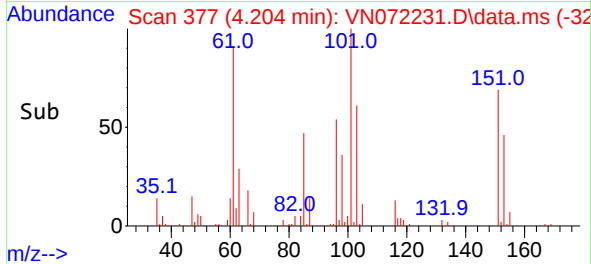
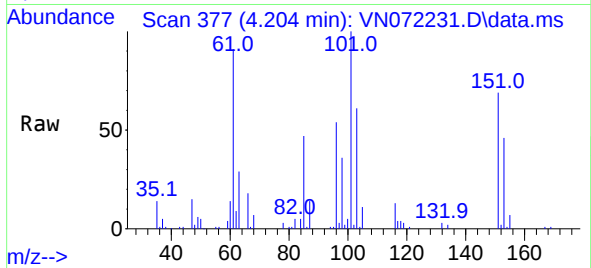
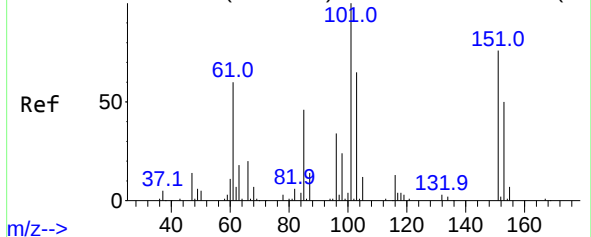


#8
Diethyl Ether
Concen: 47.275 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Tgt Ion: 74 Resp: 86864
Ion Ratio Lower Upper
74 100
45 97.0 42.9 128.5



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



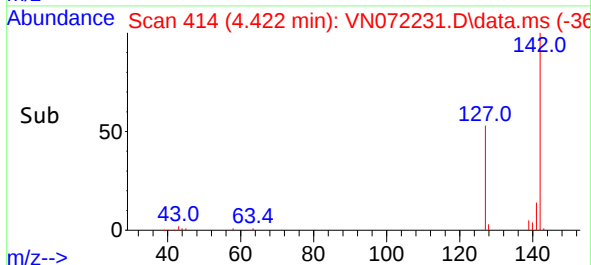
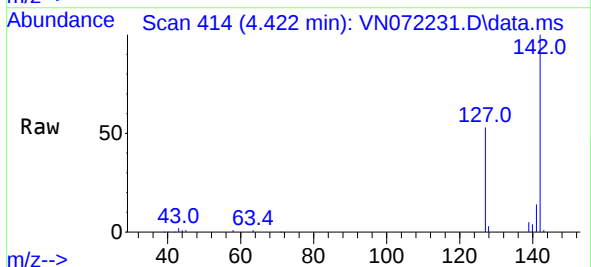
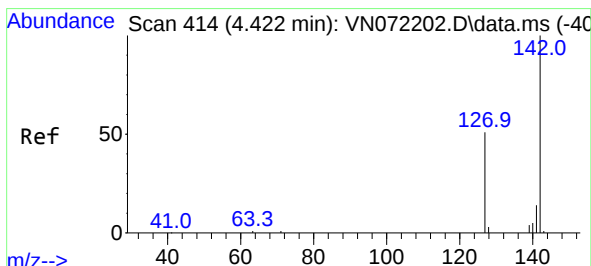
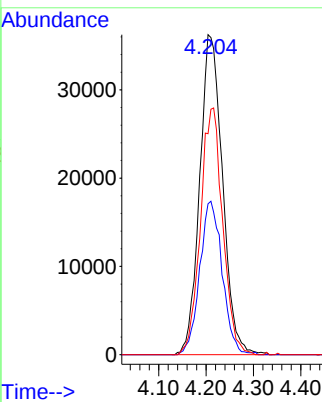
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.566 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12145
Ion Ratio Lower Upper
101 100
85 47.3 34.7 52.1
151 75.2 63.0 94.4

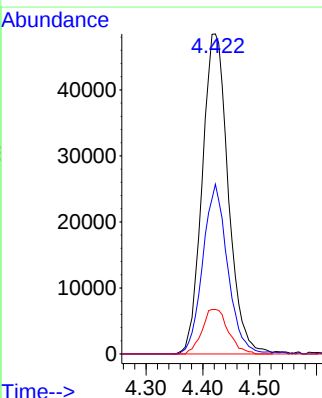
Manual Integrations
APPROVED

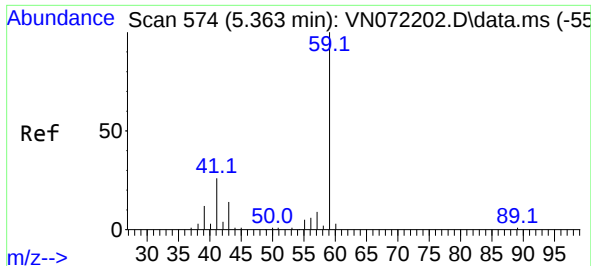
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#10
Methyl Iodide
Concen: 47.621 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

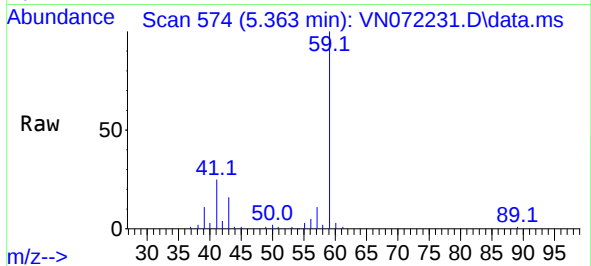
Tgt Ion:142 Resp: 154074
Ion Ratio Lower Upper
142 100
127 50.8 31.3 46.9#
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 235.308 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

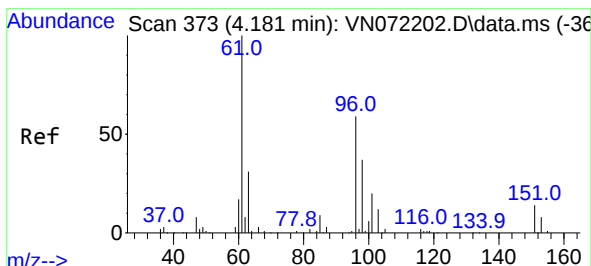
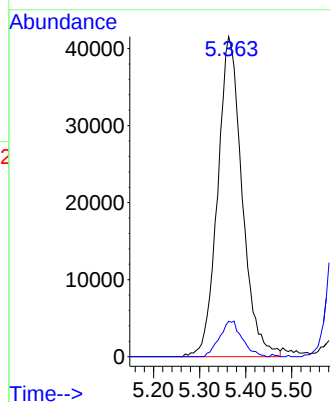
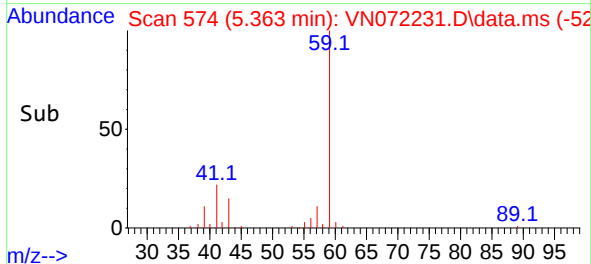
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



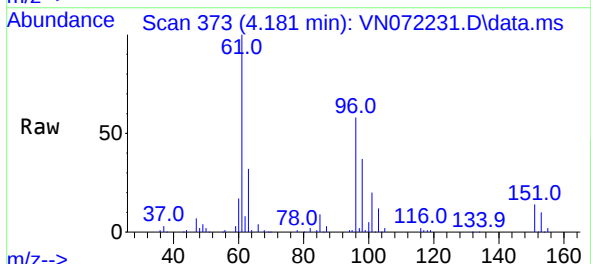
Tgt Ion: 59 Resp: 15317
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

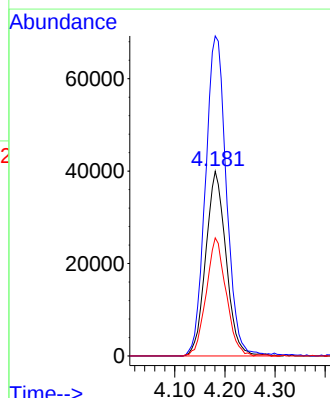
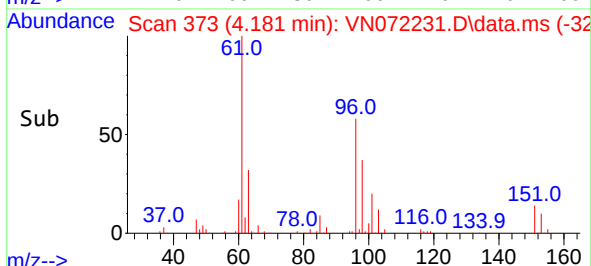
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

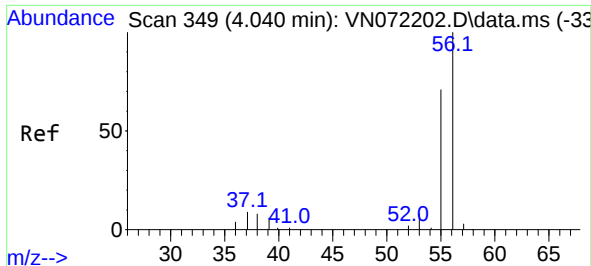


#12
1,1-Dichloroethene
Concen: 45.740 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



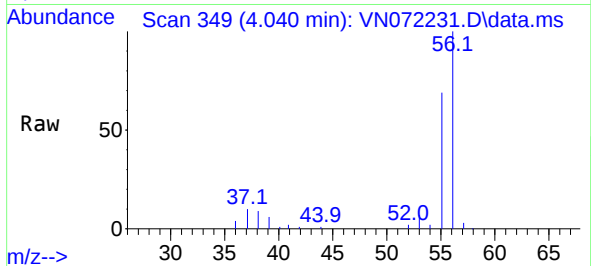
Tgt Ion: 96 Resp: 112714
Ion Ratio Lower Upper
96 100
61 173.2 127.6 191.4
98 63.9 51.2 76.8





#13
Acrolein
Concen: 215.789 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

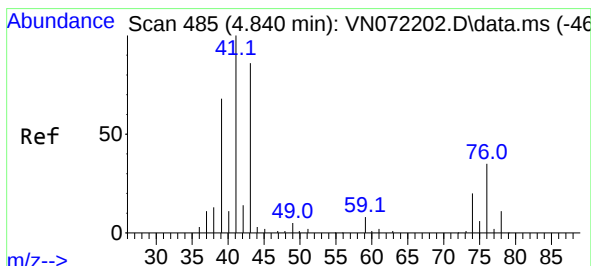
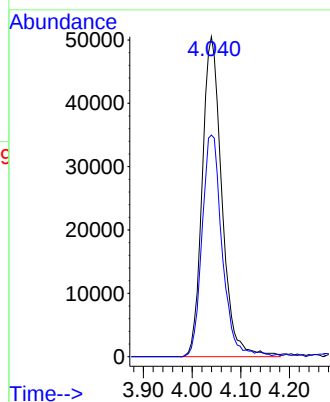
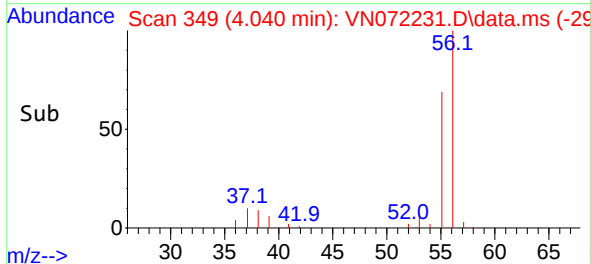
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



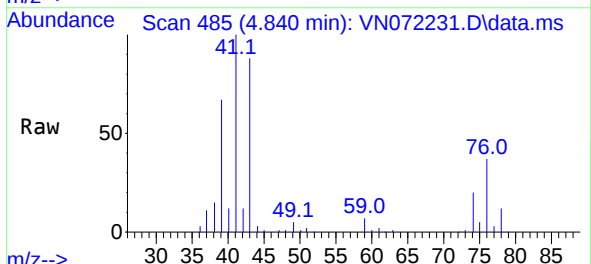
Tgt Ion: 56 Resp: 141358
Ion Ratio Lower Upper
56 100
55 70.8 54.8 82.2

Manual Integrations
APPROVED

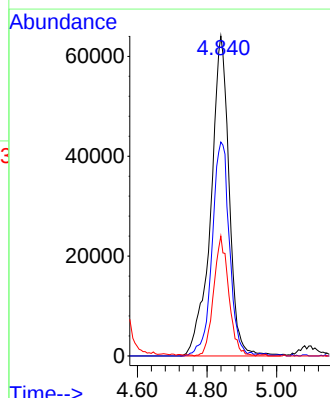
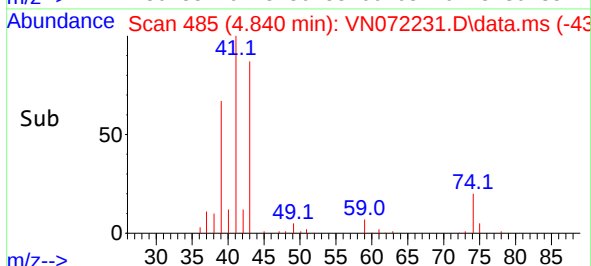
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

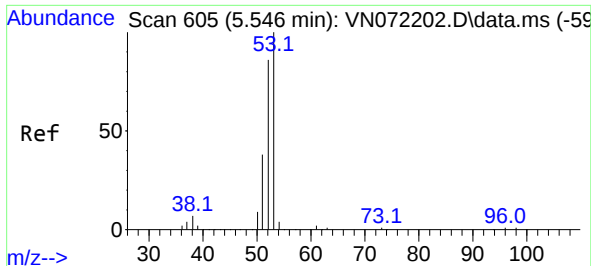


#14
Allyl chloride
Concen: 45.833 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



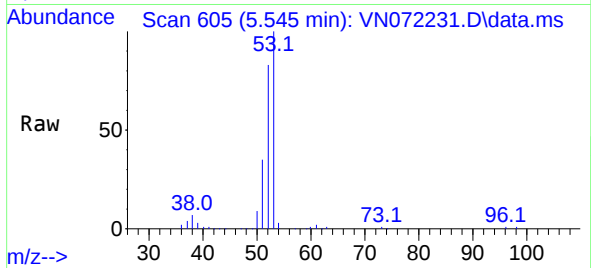
Tgt Ion: 41 Resp: 234504
Ion Ratio Lower Upper
41 100
39 63.2 53.2 79.8
76 30.9 29.9 44.9





#15
Acrylonitrile
Concen: 233.850 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

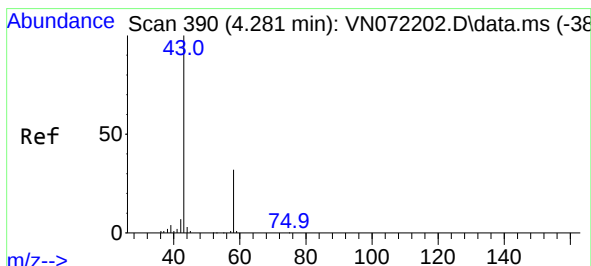
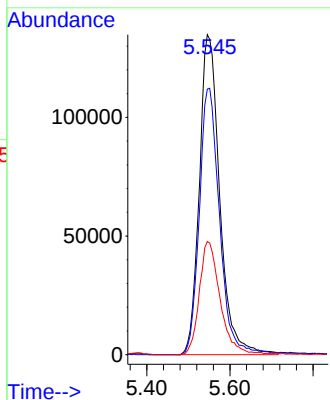
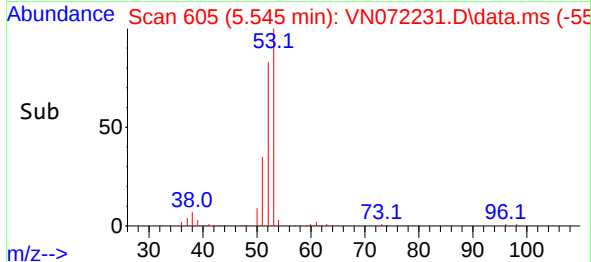
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 45935
Ion Ratio Lower Upper
53 100
52 82.6 66.4 99.6
51 36.2 28.5 42.7

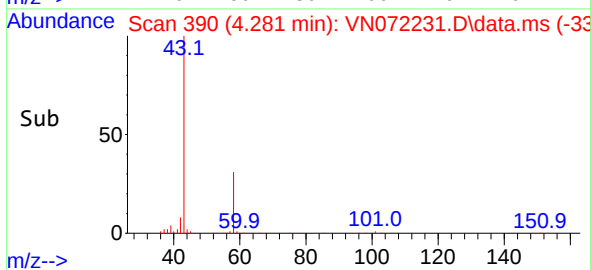
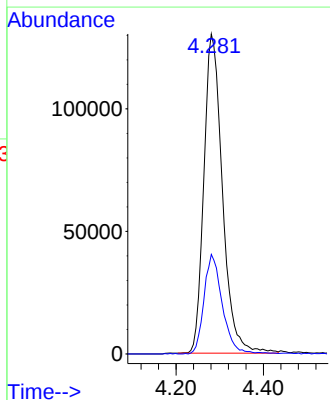
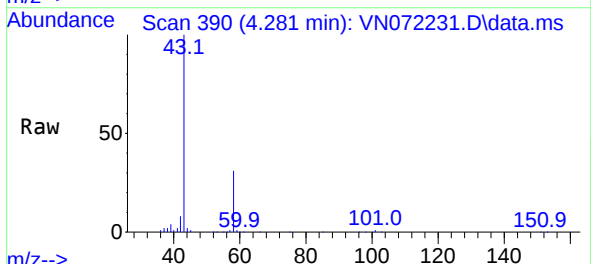
Manual Integrations
APPROVED

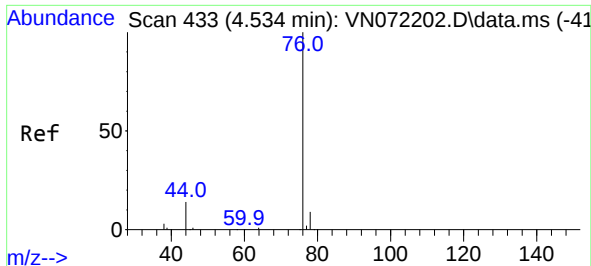
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#16
Acetone
Concen: 225.601 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

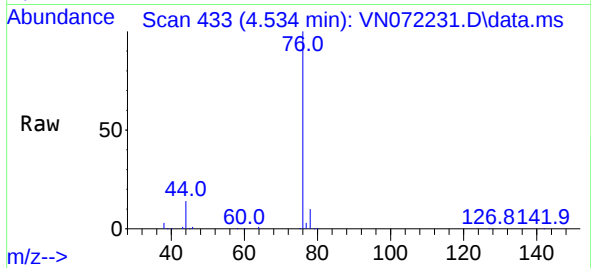
Tgt Ion: 43 Resp: 385273
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0





#17
Carbon Disulfide
Concen: 44.087 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

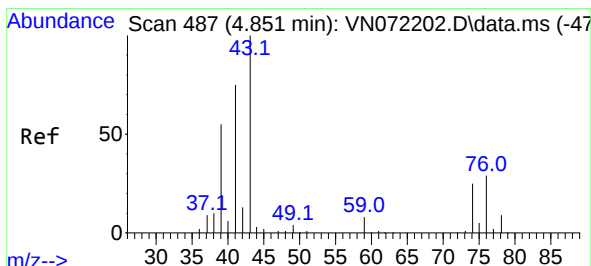
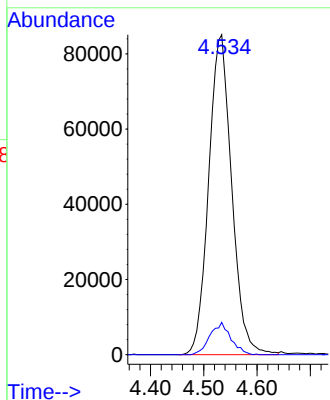
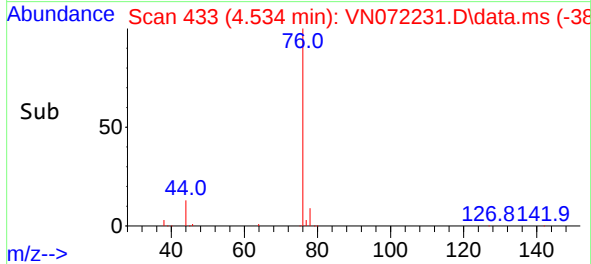
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



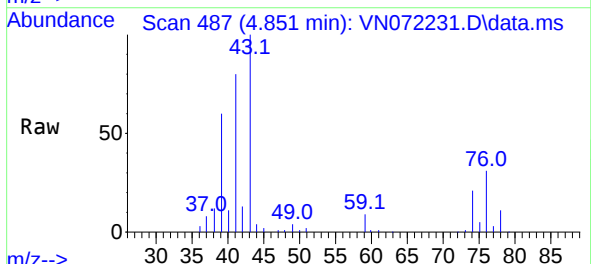
Tgt Ion: 76 Resp: 25535
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8

Manual Integrations
APPROVED

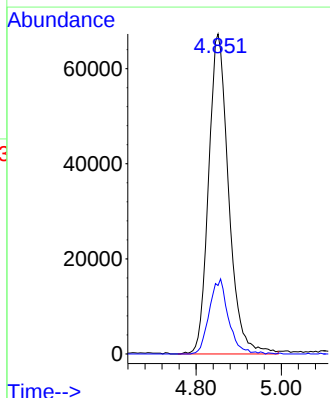
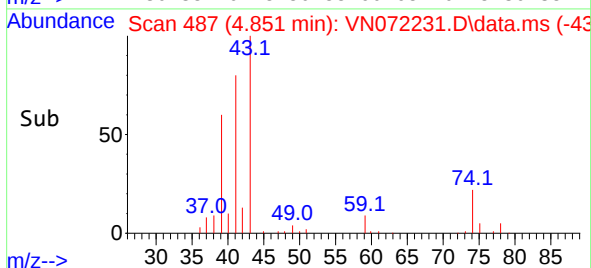
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

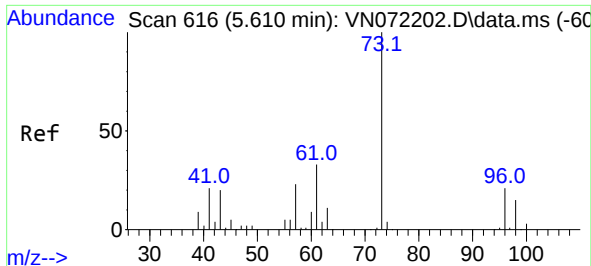


#18
Methyl Acetate
Concen: 46.109 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



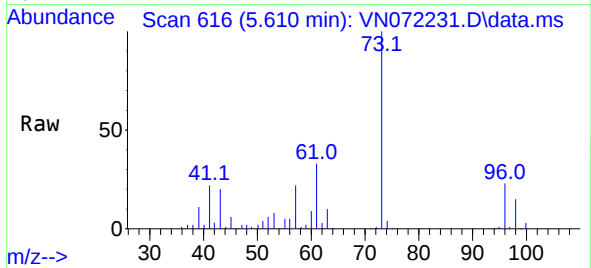
Tgt Ion: 43 Resp: 220149
Ion Ratio Lower Upper
43 100
74 22.4 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 49.896 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

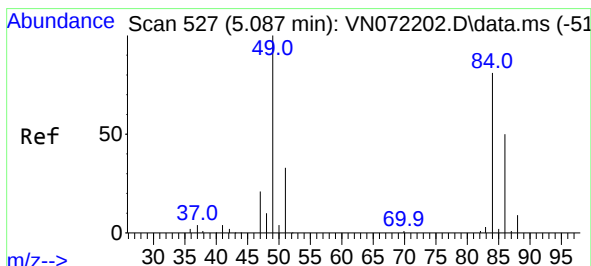
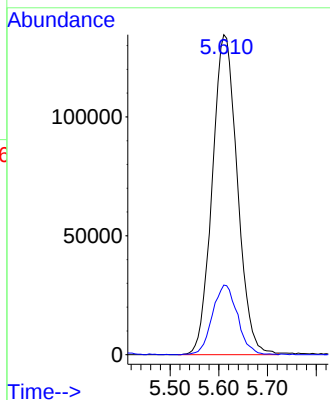
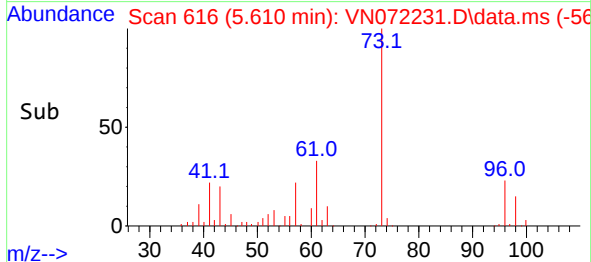
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



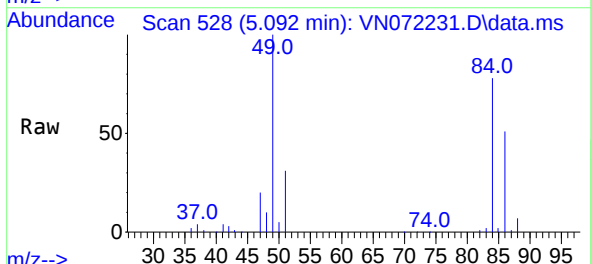
Tgt Ion: 73 Resp: 481960
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

Manual Integrations
APPROVED

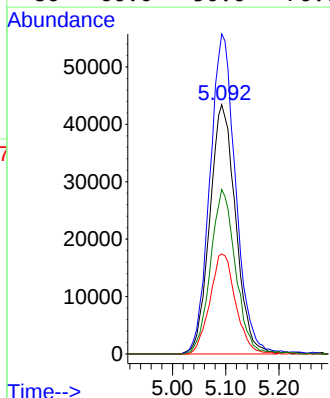
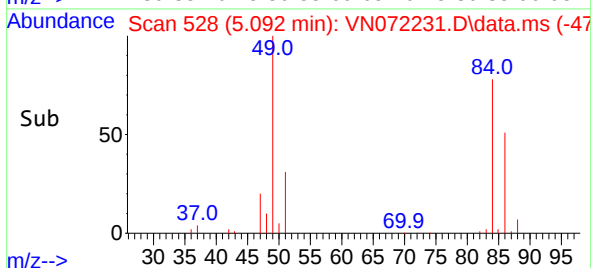
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

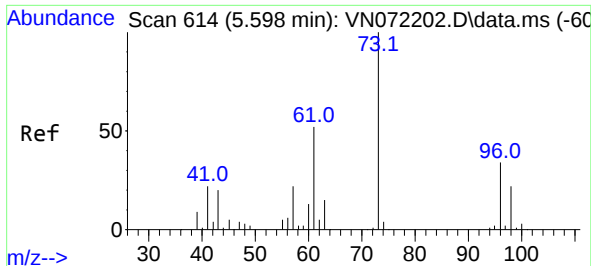


#20
Methylene Chloride
Concen: 44.649 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



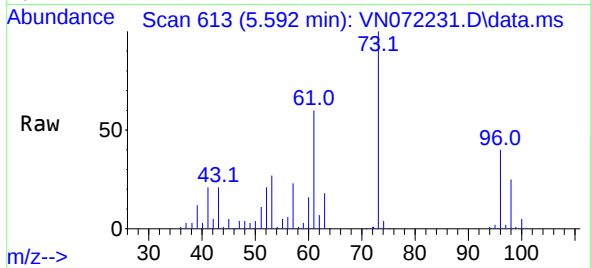
Tgt Ion: 84 Resp: 146159
Ion Ratio Lower Upper
84 100
49 128.3 88.3 132.5
51 40.1 28.2 42.2
86 66.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 44.545 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

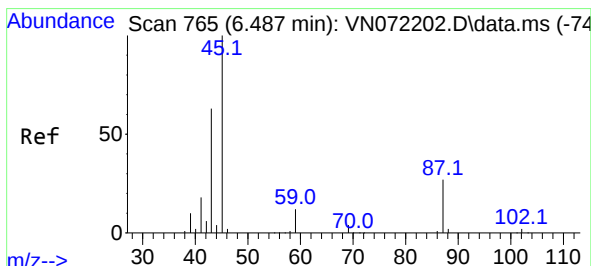
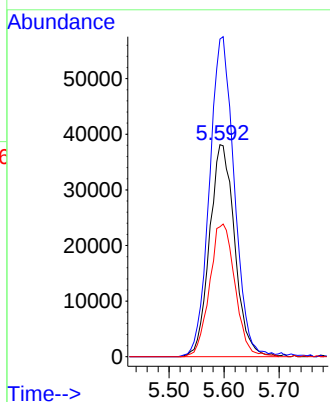
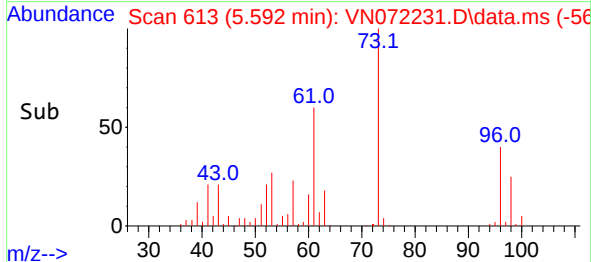
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



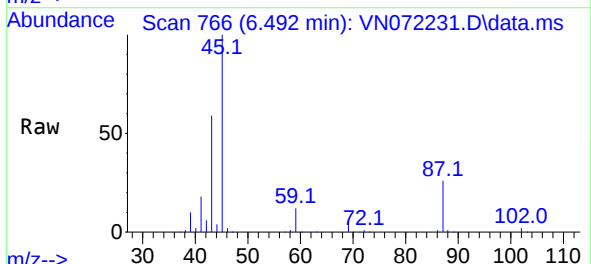
Tgt Ion: 96 Resp: 12104
Ion Ratio Lower Upper
96 100
61 149.9 105.8 158.8
98 61.3 50.3 75.5

Manual Integrations
APPROVED

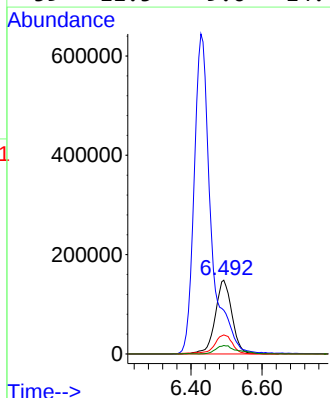
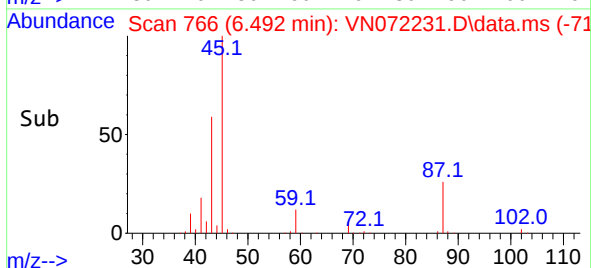
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

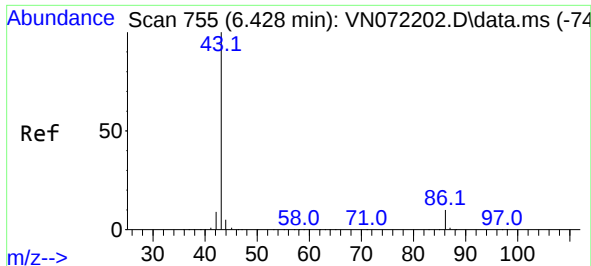


#22
Diisopropyl ether
Concen: 46.019 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



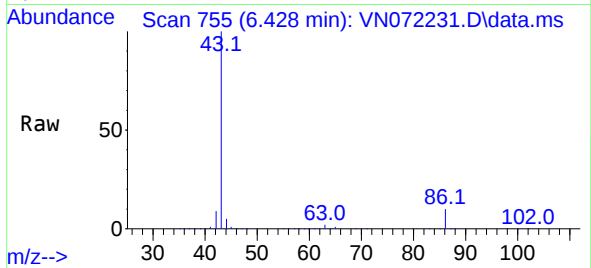
Tgt Ion: 45 Resp: 484985
Ion Ratio Lower Upper
45 100
43 58.6 46.6 70.0
87 25.7 24.3 36.5
59 11.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 238.027 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072231.D
 Acq: 27 Apr 2022 21:18

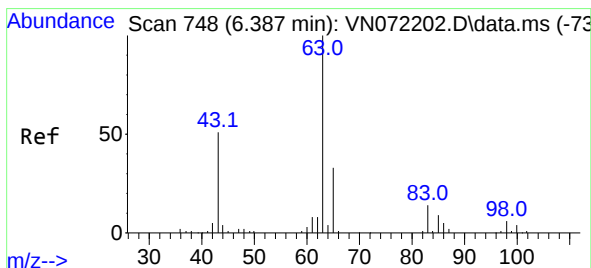
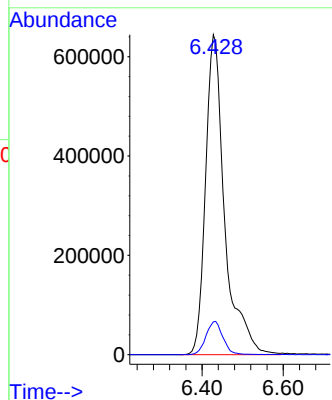
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 210678
 Ion Ratio Lower Upper
 43 100
 86 10.3 10.0 15.0

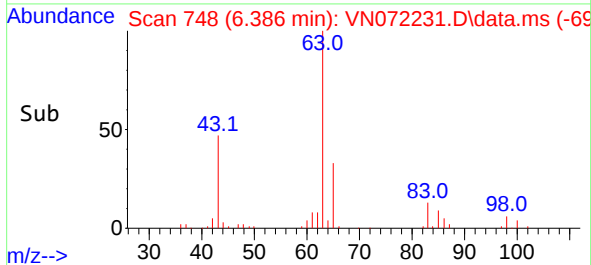
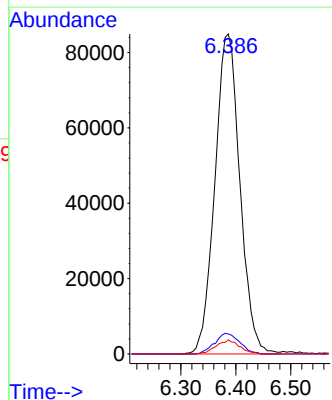
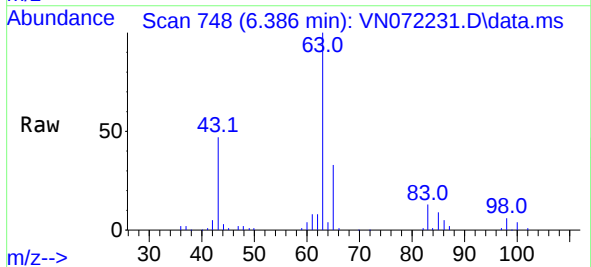
Manual Integrations
 APPROVED

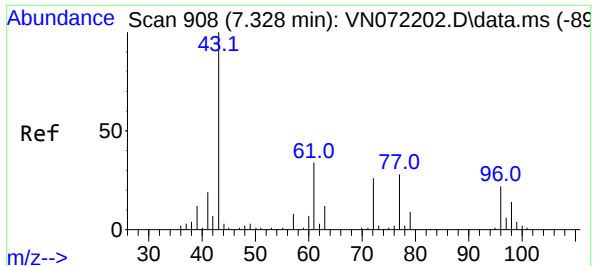
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022



#24
 1,1-Dichloroethane
 Concen: 45.567 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.001 min
 Lab File: VN072231.D
 Acq: 27 Apr 2022 21:18

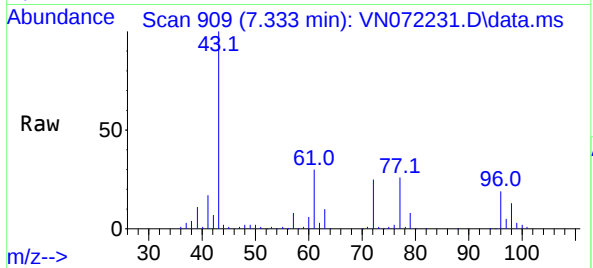
Tgt Ion: 63 Resp: 268615
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 227.374 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

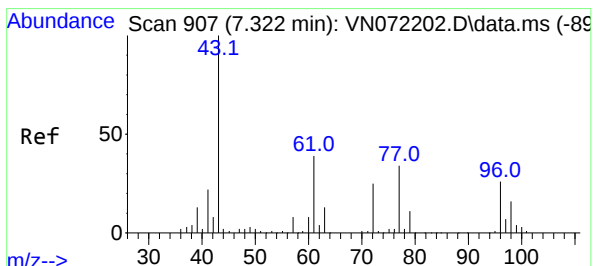
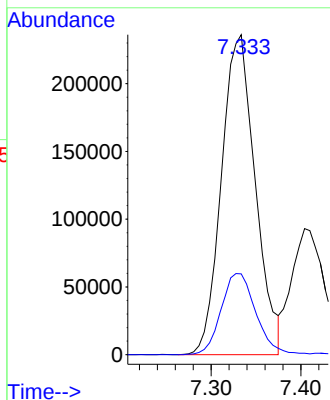
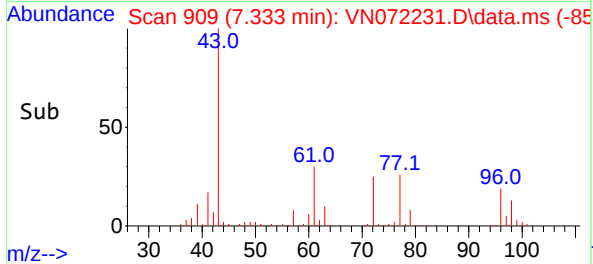
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 61839
Ion Ratio Lower Upper
43 100
72 25.3 23.7 35.5

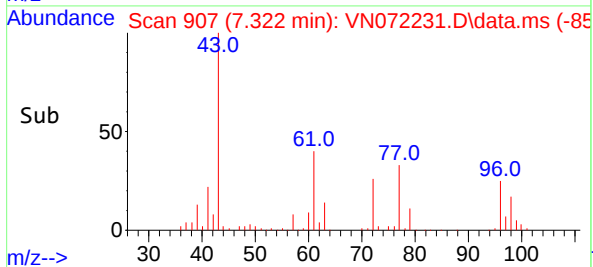
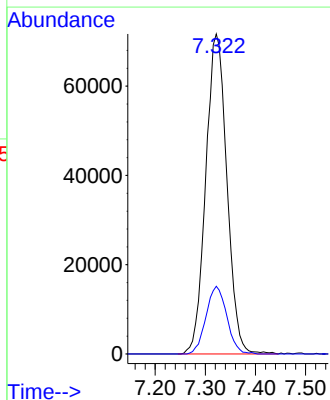
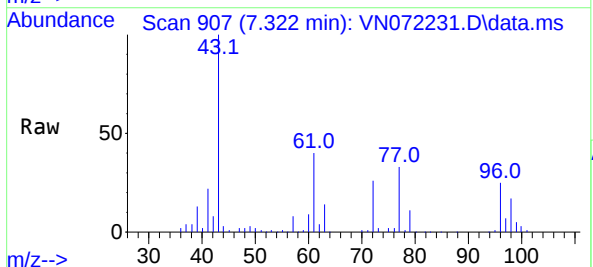
Manual Integrations
APPROVED

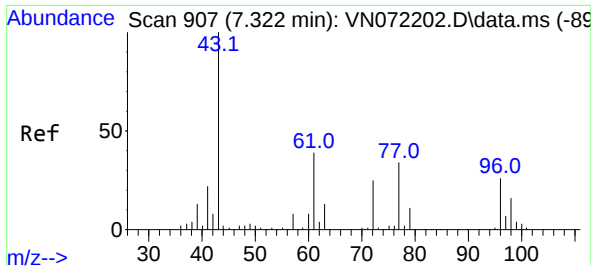
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#26
2,2-Dichloropropane
Concen: 45.600 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

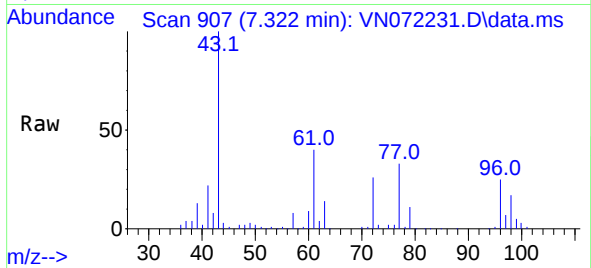
Tgt Ion: 77 Resp: 209980
Ion Ratio Lower Upper
77 100
97 20.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 45.916 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072231.D
 Acq: 27 Apr 2022 21:18

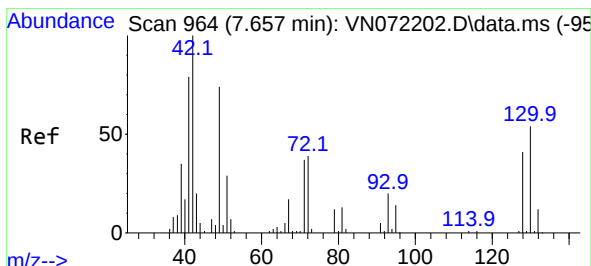
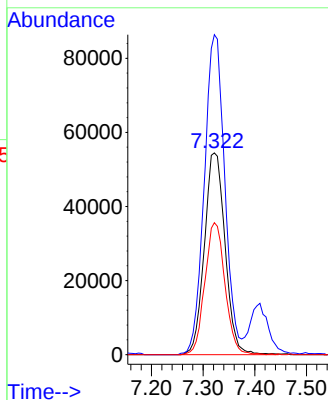
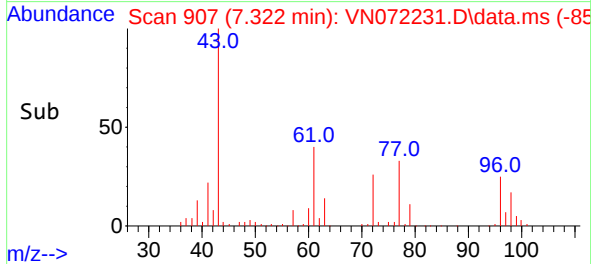
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 15210
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 280.6
 98 63.5 0.0 128.4

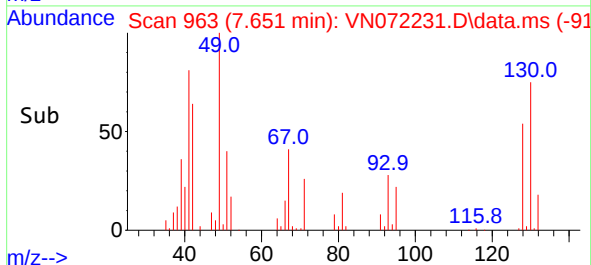
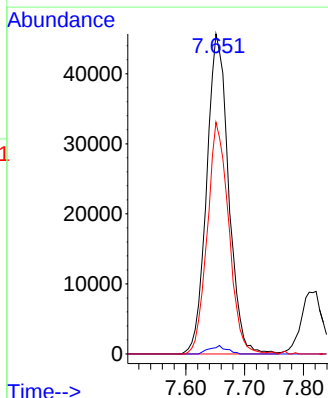
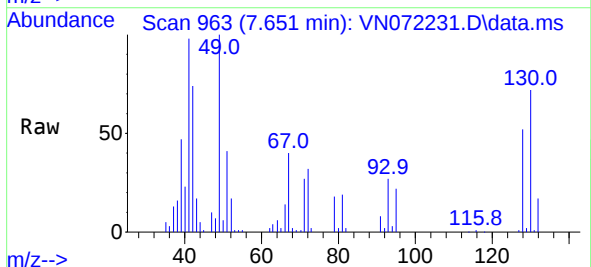
Manual Integrations
 APPROVED

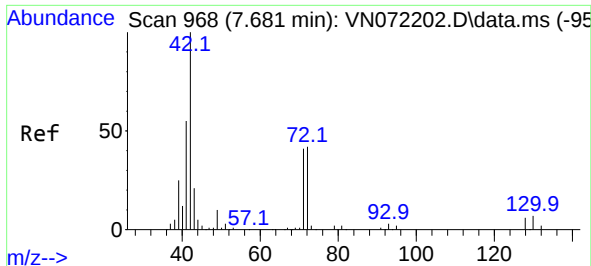
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022



#28
 Bromochloromethane
 Concen: 44.795 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN072231.D
 Acq: 27 Apr 2022 21:18

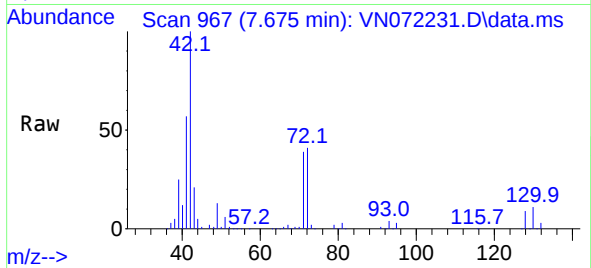
Tgt Ion: 49 Resp: 118243
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 70.8 69.7 104.5





#29
Tetrahydrofuran
Concen: 231.854 ug/l
RT: 7.675 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

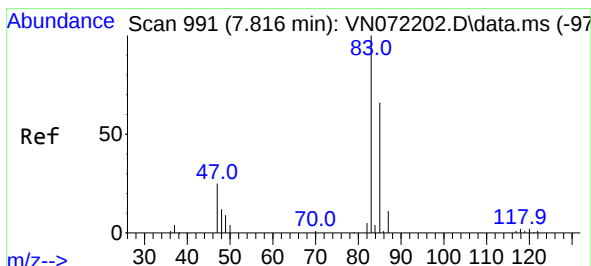
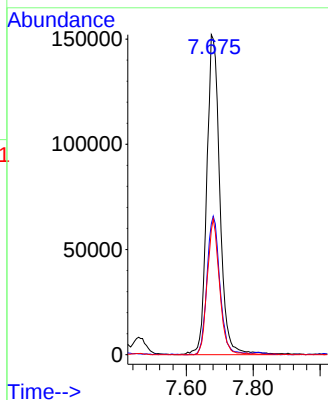
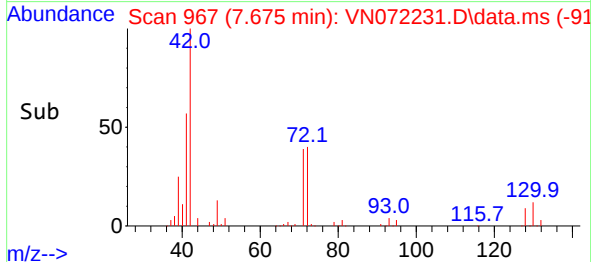
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



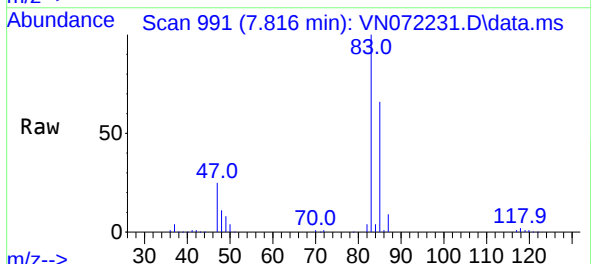
Tgt Ion: 42 Resp: 41383
Ion Ratio Lower Upper
42 100
72 42.6 39.7 59.5
71 39.4 36.6 55.0

Manual Integrations
APPROVED

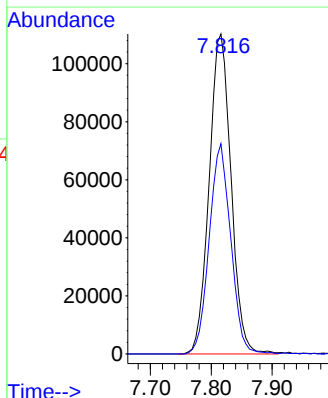
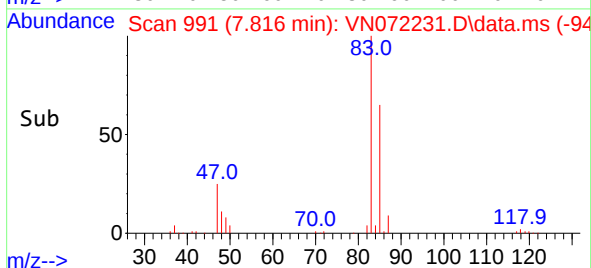
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

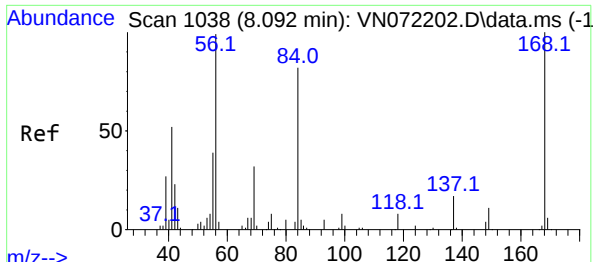


#30
Chloroform
Concen: 46.531 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



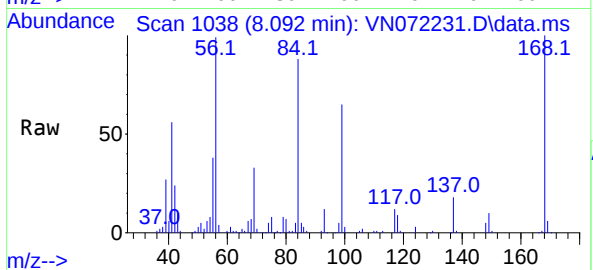
Tgt Ion: 83 Resp: 275409
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.8





#31
Cyclohexane
Concen: 42.356 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

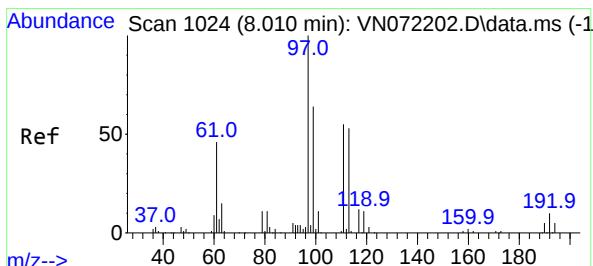
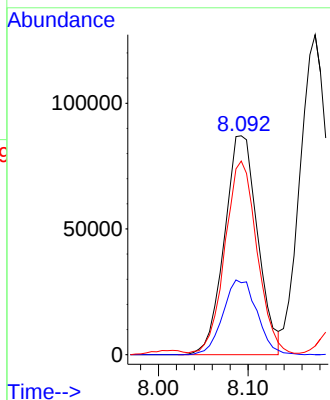
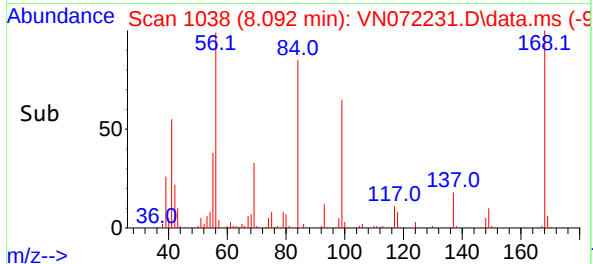
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



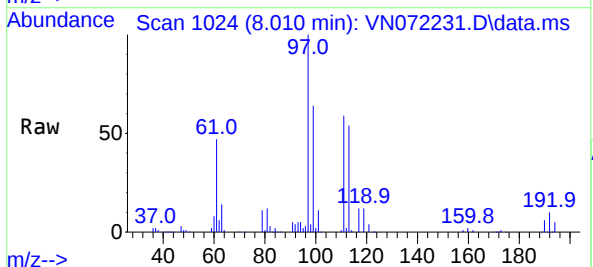
Tgt Ion: 56 Resp: 224174
Ion Ratio Lower Upper
56 100
69 32.9 27.8 41.8
84 86.6 76.9 115.3

Manual Integrations
APPROVED

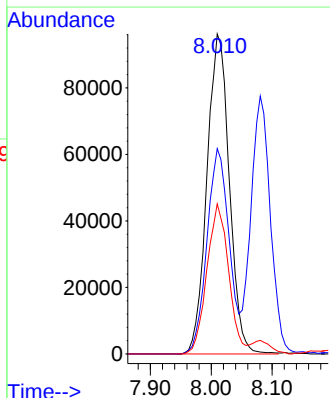
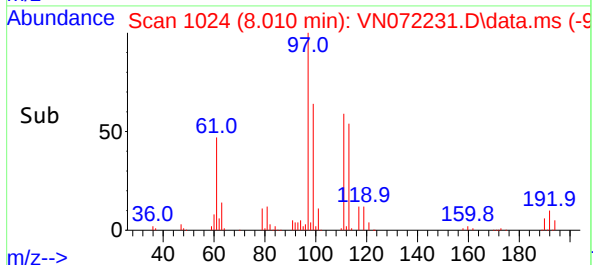
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

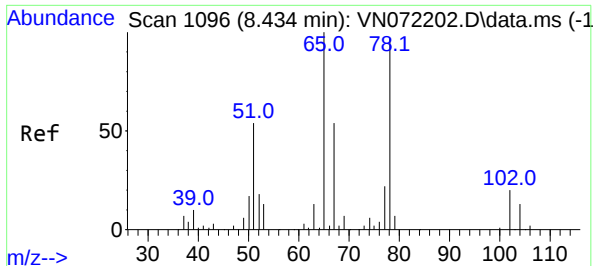


#32
1,1,1-Trichloroethane
Concen: 48.680 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



Tgt Ion: 97 Resp: 245199
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 45.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.860 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072231.D

Acq: 27 Apr 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 20542

Ion Ratio Lower Upper

65 100

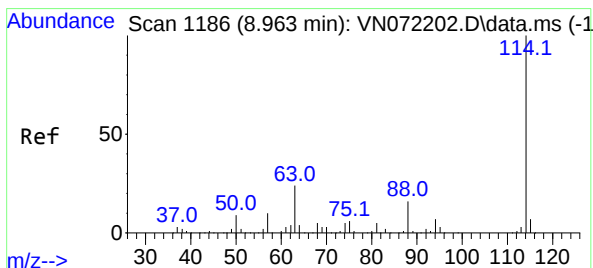
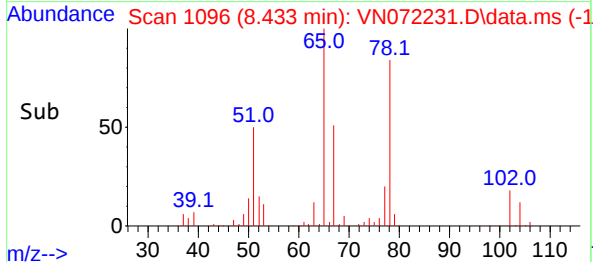
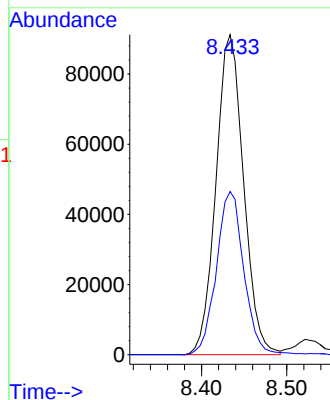
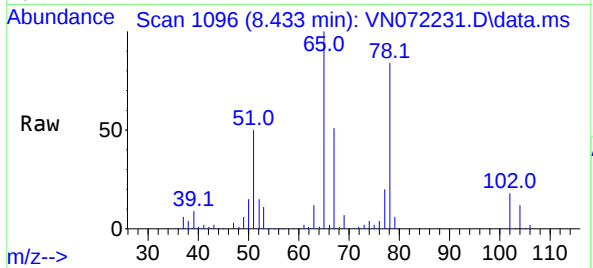
67 50.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072231.D

Acq: 27 Apr 2022 21:18

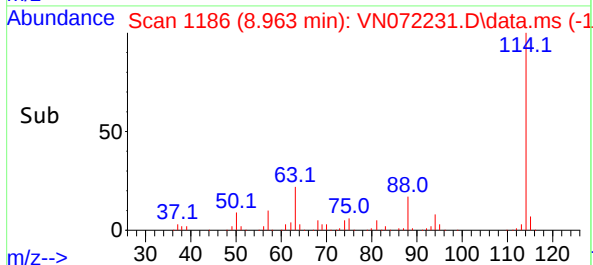
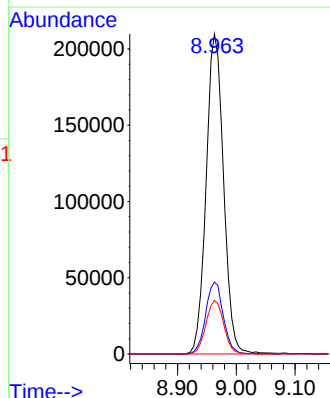
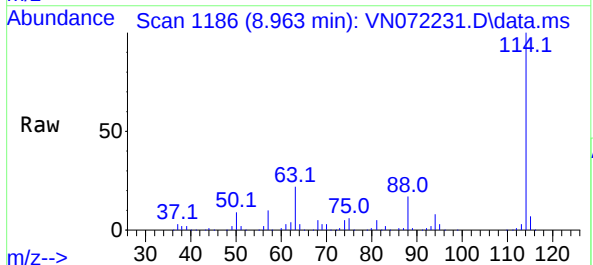
Tgt Ion:114 Resp: 432906

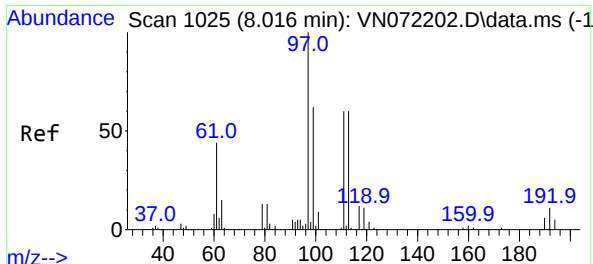
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

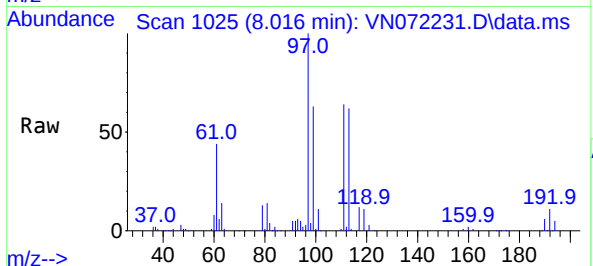
88 16.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.206 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

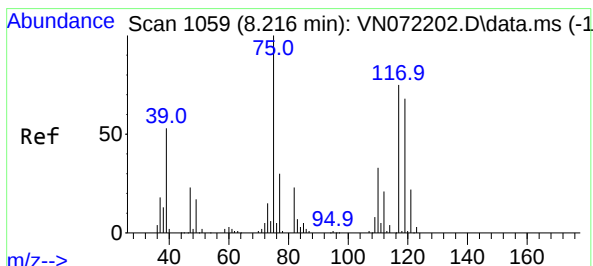
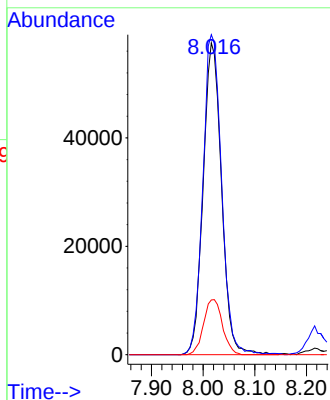
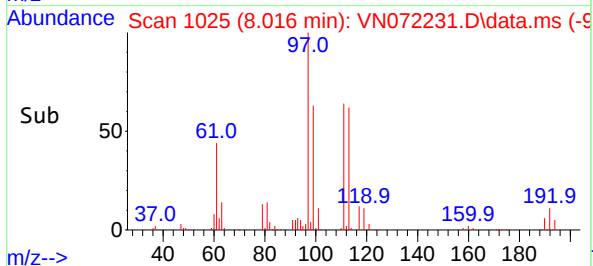
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



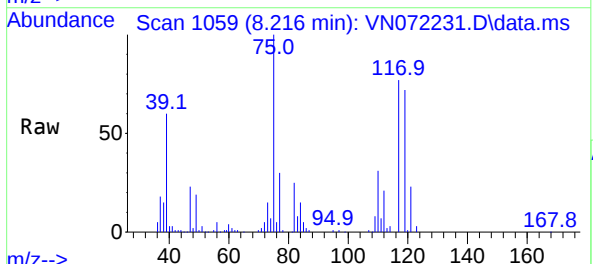
Tgt Ion:113 Resp: 141884
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 18.1 17.0 25.6

Manual Integrations
APPROVED

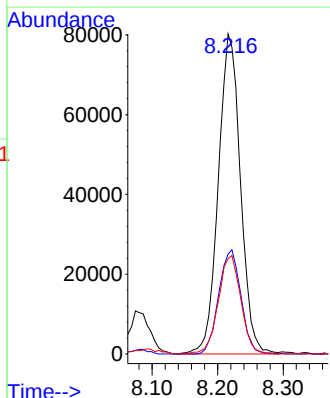
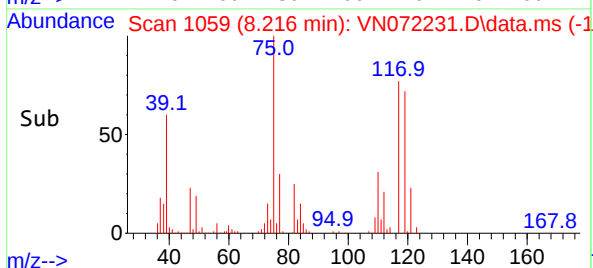
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

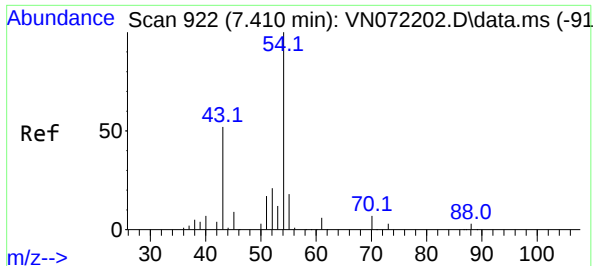


#36
1,1-Dichloropropene
Concen: 46.593 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



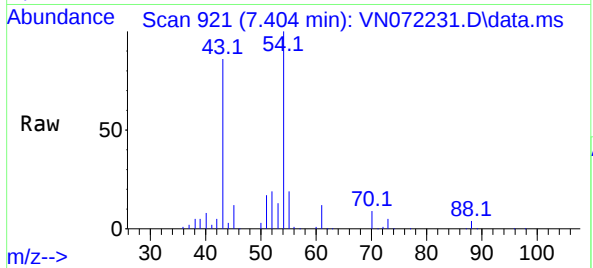
Tgt Ion: 75 Resp: 187917
Ion Ratio Lower Upper
75 100
110 32.7 18.3 54.8
77 31.2 25.1 37.7





#37
Ethyl Acetate
Concen: 46.288 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

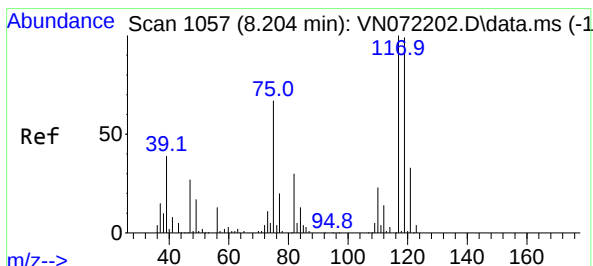
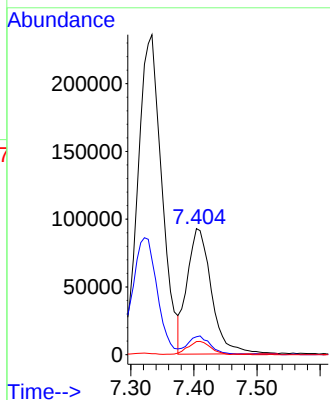
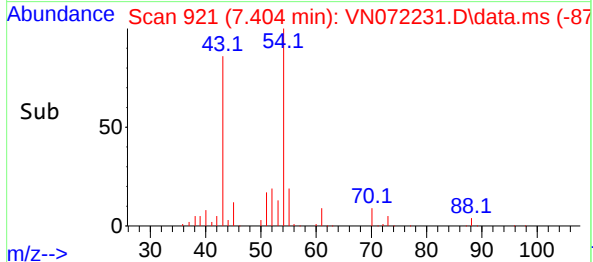
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24792
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 10.2 9.3 13.9

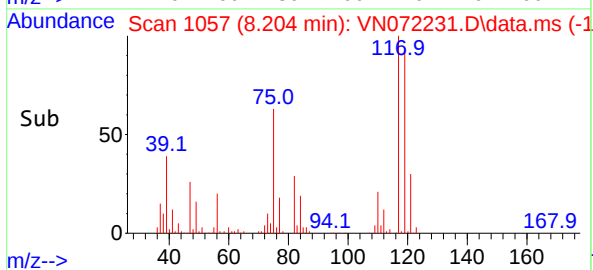
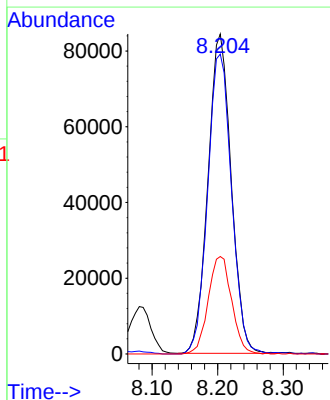
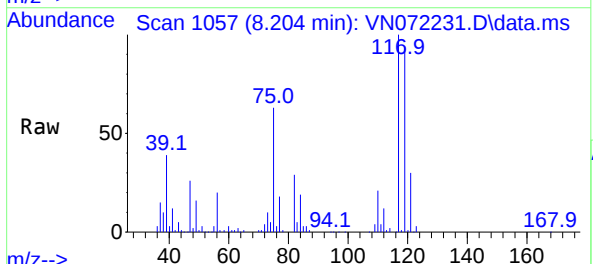
Manual Integrations
APPROVED

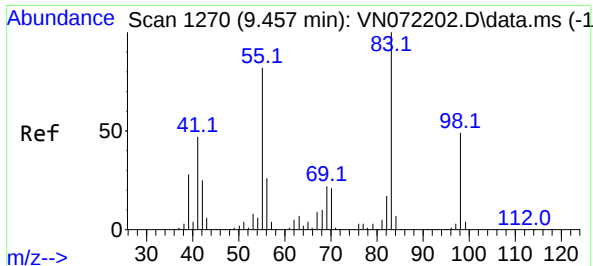
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#38
Carbon Tetrachloride
Concen: 47.930 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Tgt Ion:117 Resp: 207041
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
121 30.5 24.6 37.0





#39
Methylcyclohexane
Concen: 47.856 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

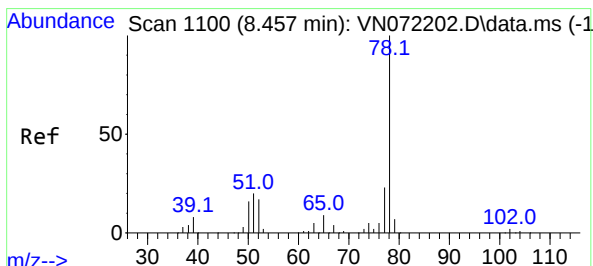
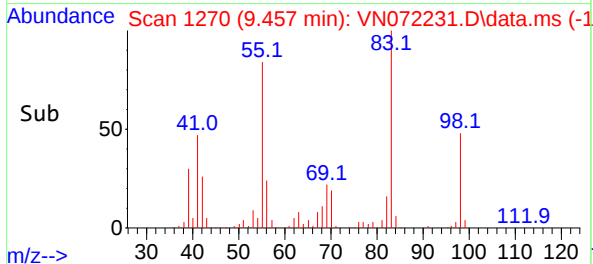
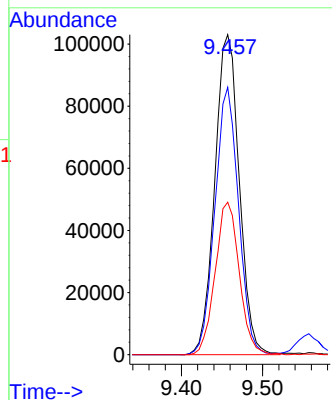
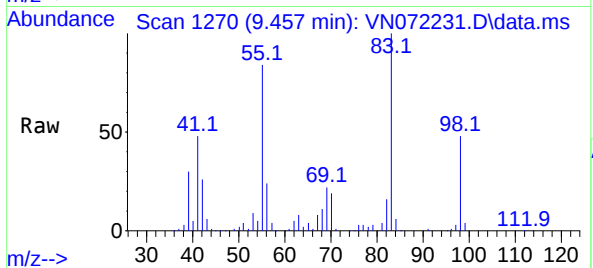
Tgt Ion: 83 Resp: 21587
Ion Ratio Lower Upper
83 100
55 83.5 57.8 86.8
98 47.6 39.4 59.2

Manual Integrations

APPROVED

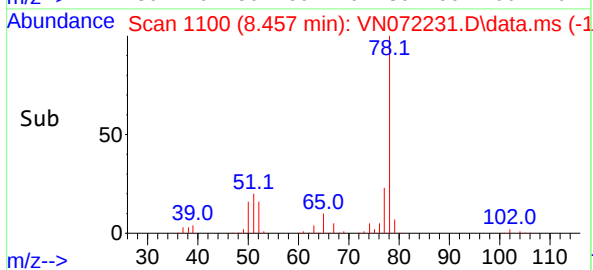
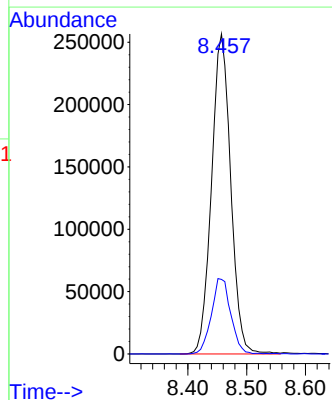
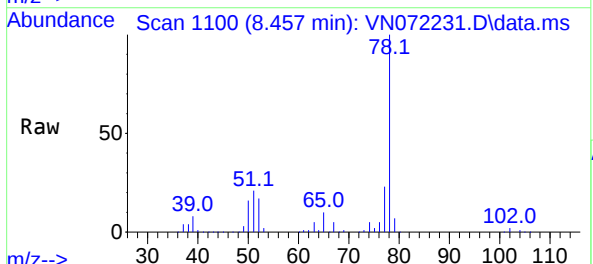
Reviewed By :John Carlone 04/28/2022

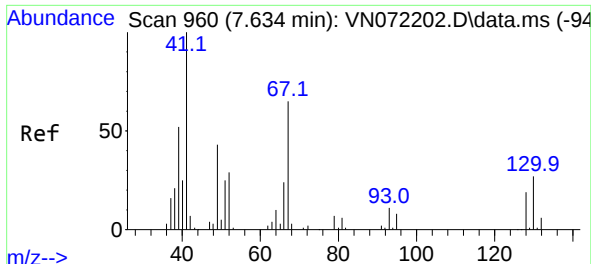
Supervised By :Mahesh Dadoda 04/28/2022



#40
Benzene
Concen: 46.419 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

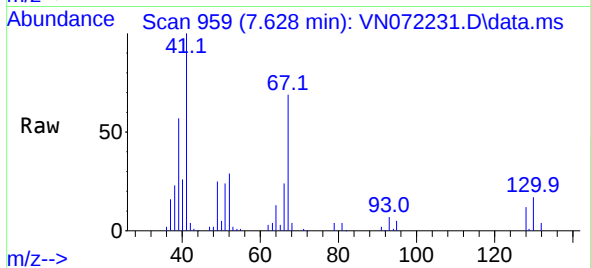
Tgt Ion: 78 Resp: 580709
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 48.876 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

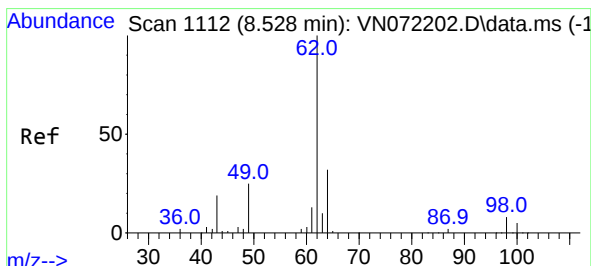
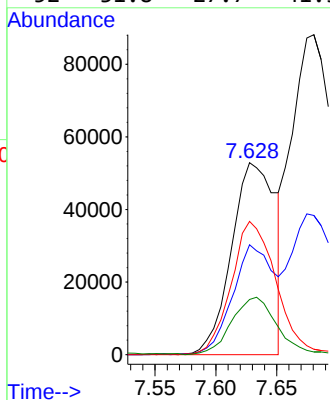
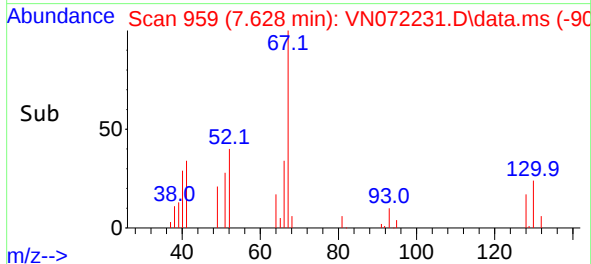
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



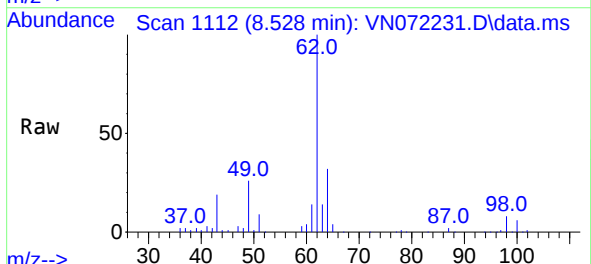
Tgt Ion: 41 Resp: 132434
Ion Ratio Lower Upper
41 100
39 53.7 48.6 73.0
67 72.4 73.4 110.2
52 31.8 27.7 41.5

Manual Integrations
APPROVED

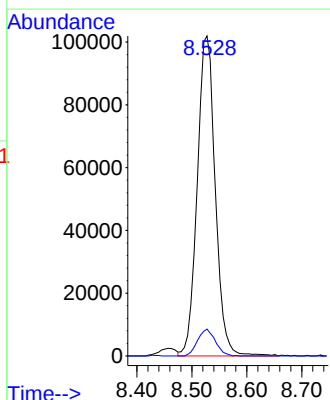
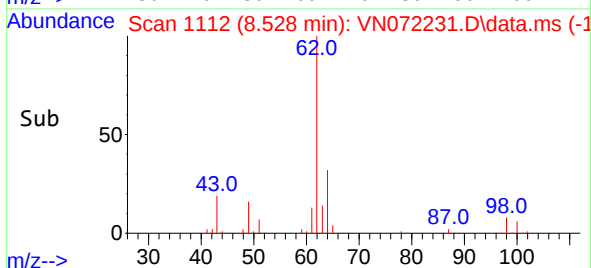
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

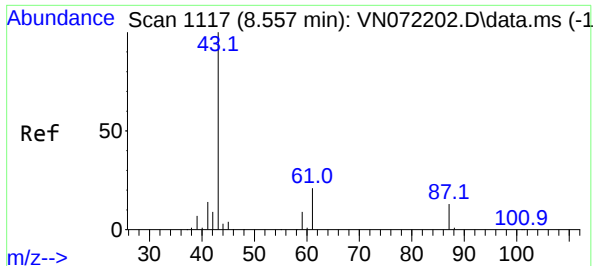


#42
1,2-Dichloroethane
Concen: 48.552 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



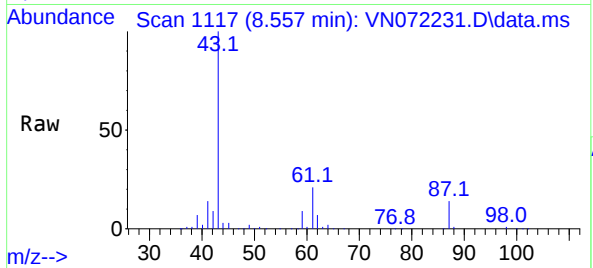
Tgt Ion: 62 Resp: 232536
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 45.584 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

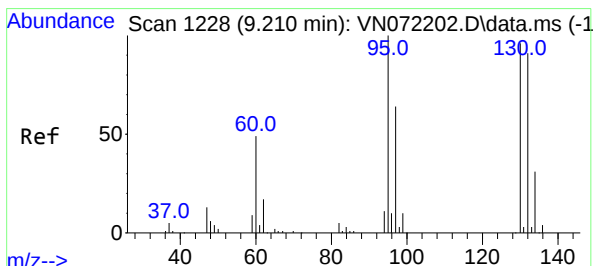
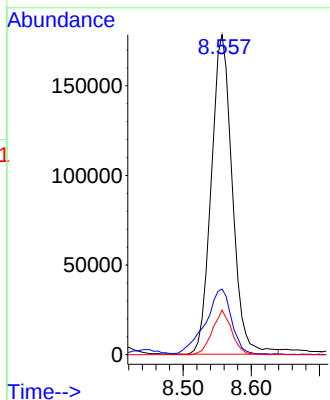
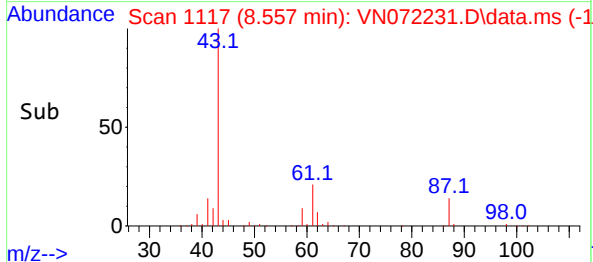
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



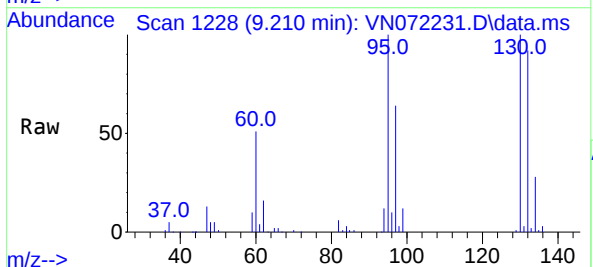
Tgt Ion: 43 Resp: 38274
Ion Ratio Lower Upper
43 100
61 25.4 21.9 32.9
87 12.8 12.0 18.0

Manual Integrations
APPROVED

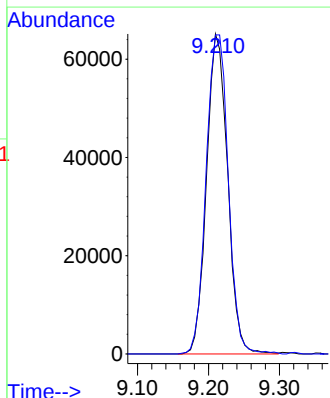
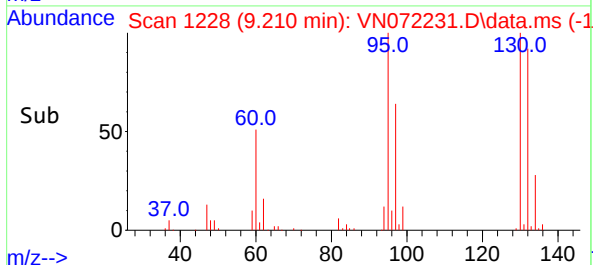
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

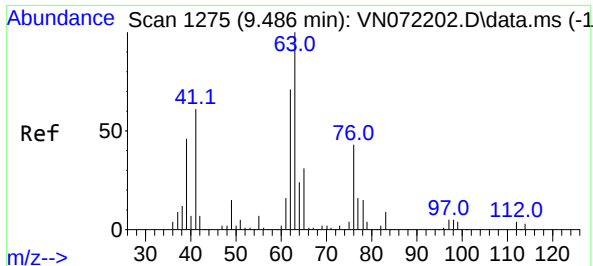


#44
Trichloroethene
Concen: 46.105 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



Tgt Ion:130 Resp: 134170
Ion Ratio Lower Upper
130 100
95 99.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 46.267 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072231.D

Acq: 27 Apr 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 156399

Ion Ratio Lower Upper

63 100

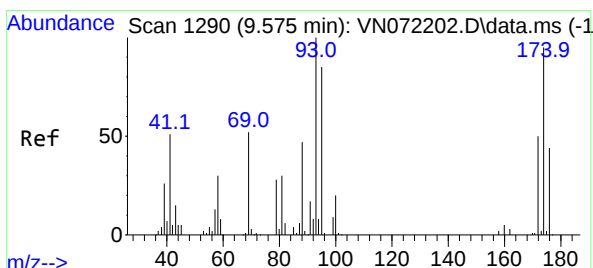
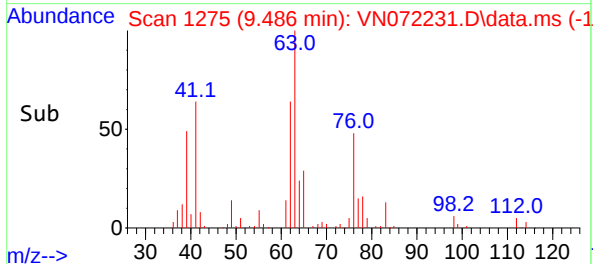
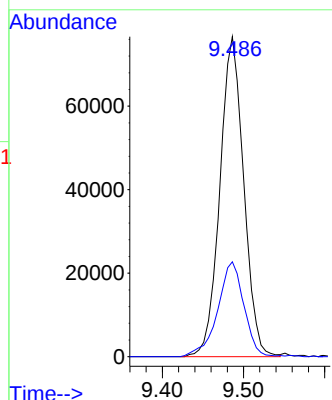
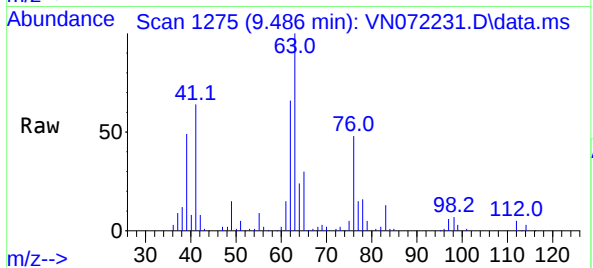
65 29.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2022

Supervised By :Mahesh Dadoda 04/28/2022



#46

Dibromomethane

Concen: 48.714 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072231.D

Acq: 27 Apr 2022 21:18

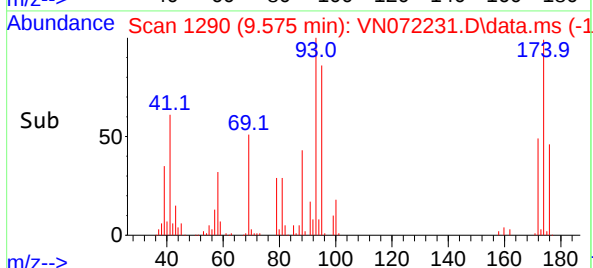
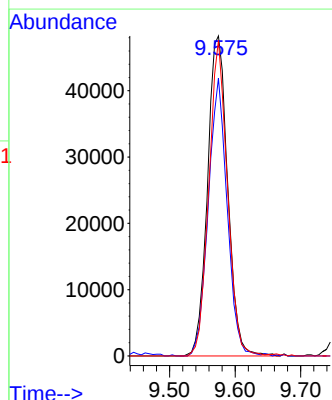
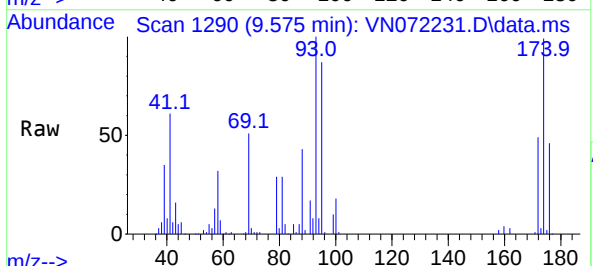
Tgt Ion: 93 Resp: 103158

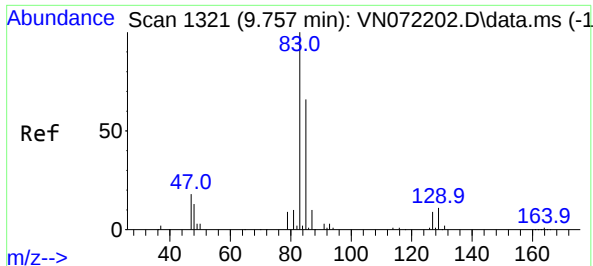
Ion Ratio Lower Upper

93 100

95 81.1 66.9 100.3

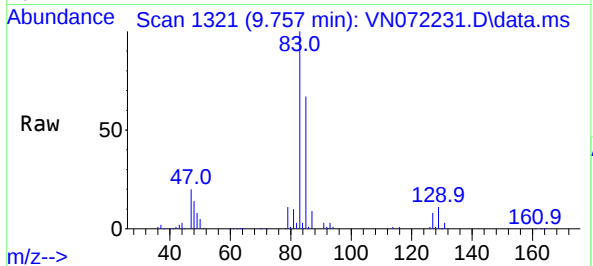
174 90.8 86.6 130.0





#47
Bromodichloromethane
Concen: 49.074 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

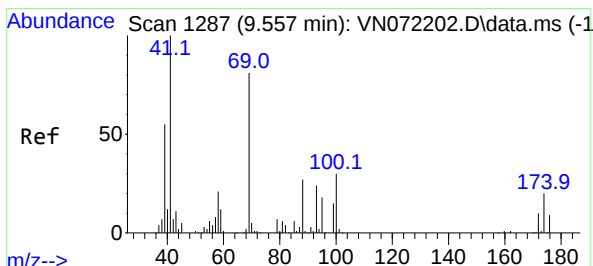
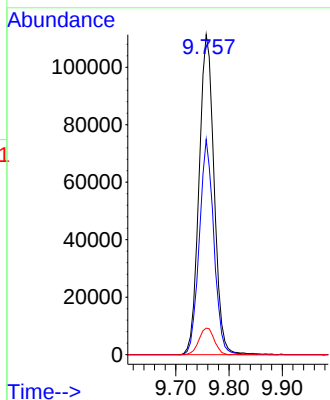
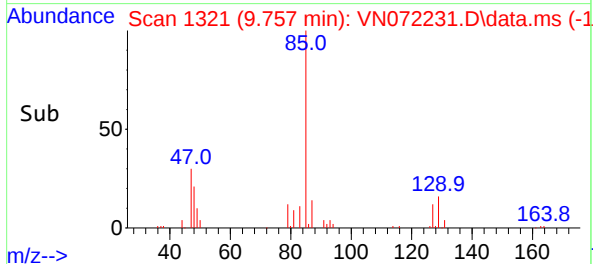
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



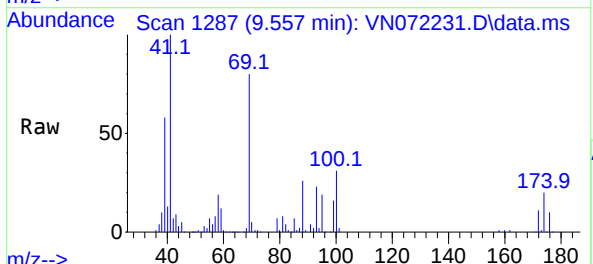
Tgt Ion: 83 Resp: 218049
Ion Ratio Lower Upper
83 100
85 67.3 50.5 75.7
127 8.3 6.8 10.2

Manual Integrations
APPROVED

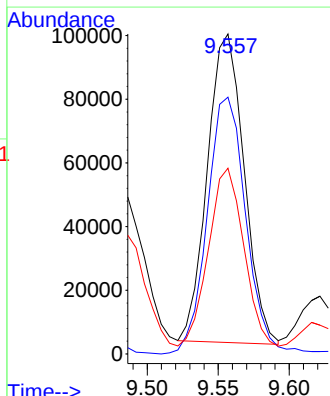
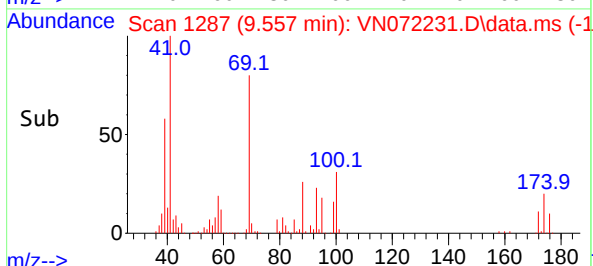
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

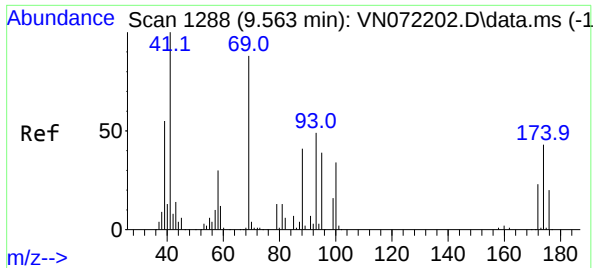


#48
Methyl methacrylate
Concen: 49.245 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



Tgt Ion: 41 Resp: 174229
Ion Ratio Lower Upper
41 100
69 88.4 74.7 112.1
39 60.6 45.6 68.4





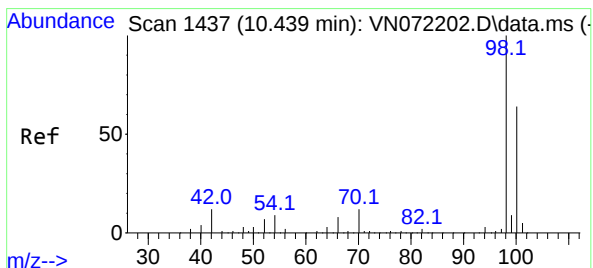
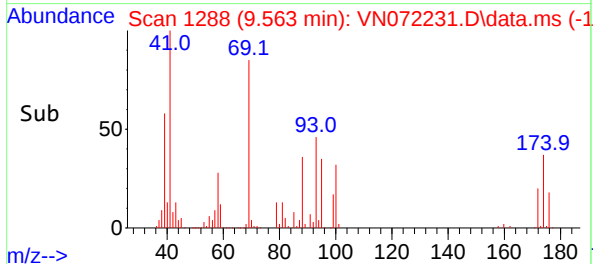
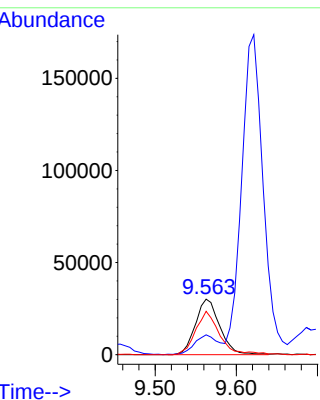
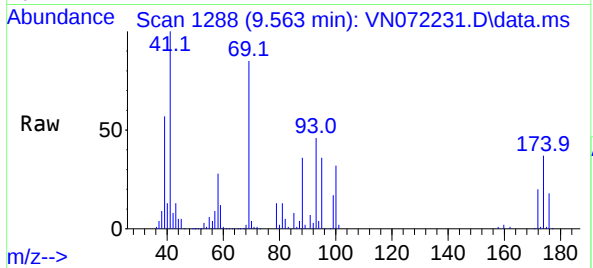
#49
1,4-Dioxane
Concen: 1009.010 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 62709
Ion Ratio Lower Upper
88 100
43 36.8 20.2 30.4
58 77.4 54.2 81.4

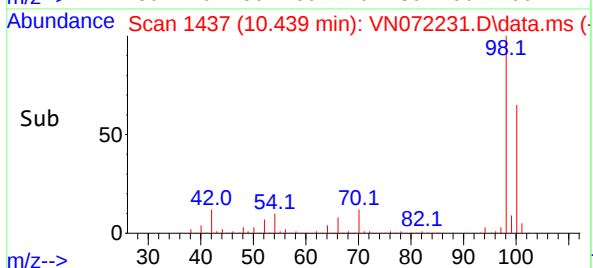
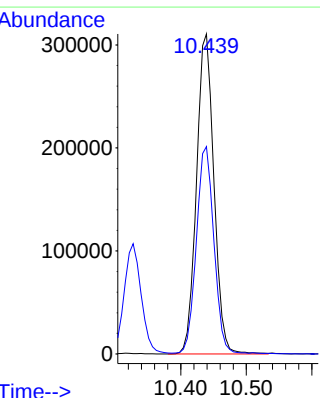
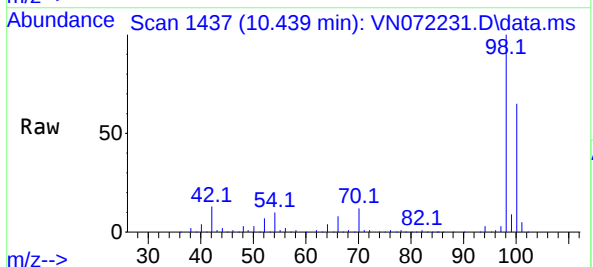
Manual Integrations
APPROVED

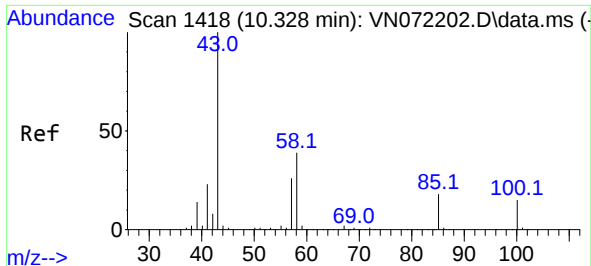
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#50
Toluene-d8
Concen: 52.662 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

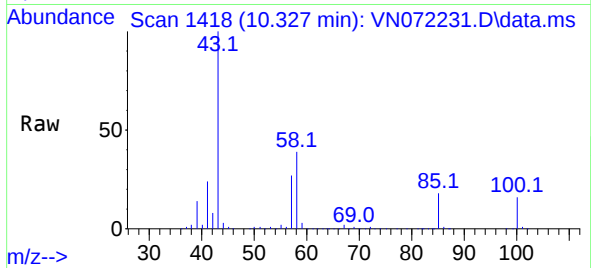
Tgt Ion: 98 Resp: 573375
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 249.413 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

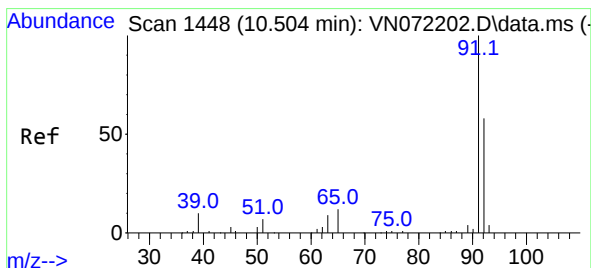
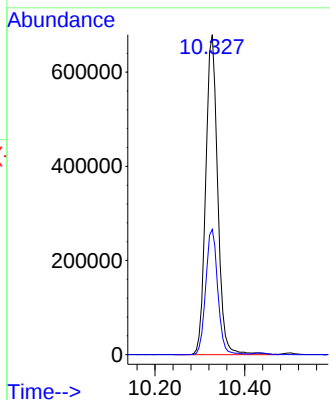
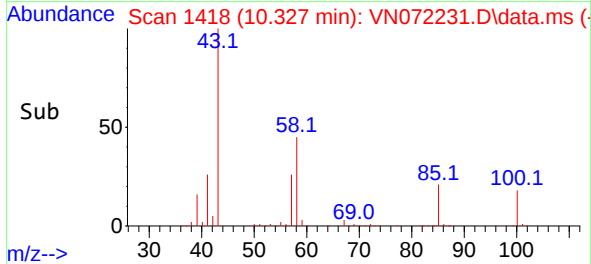
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 126044
Ion Ratio Lower Upper
43 100
58 39.3 34.1 51.1

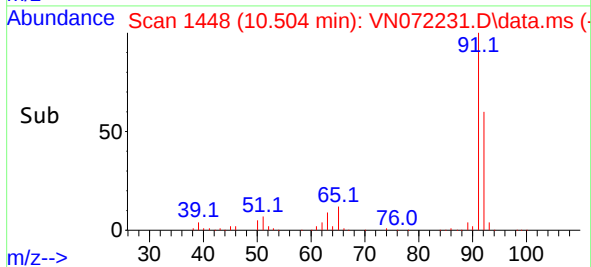
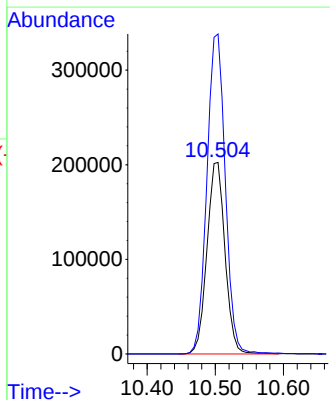
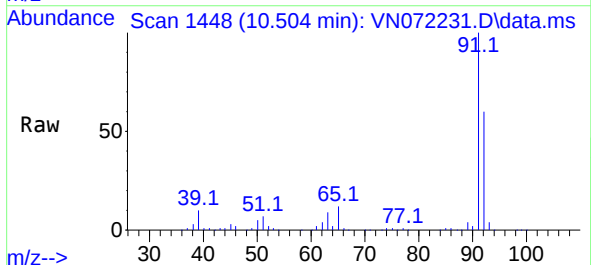
Manual Integrations
APPROVED

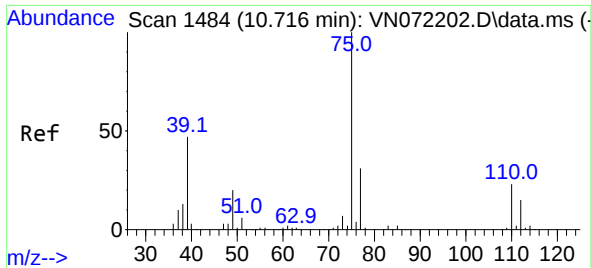
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#52
Toluene
Concen: 49.809 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

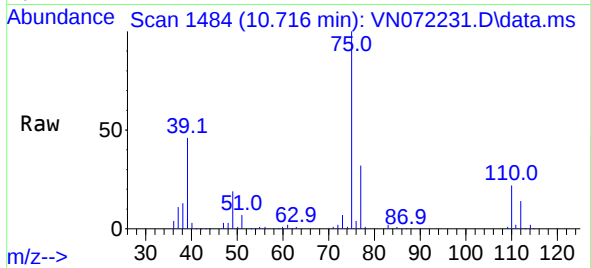
Tgt Ion: 92 Resp: 372510
Ion Ratio Lower Upper
92 100
91 170.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 52.028 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

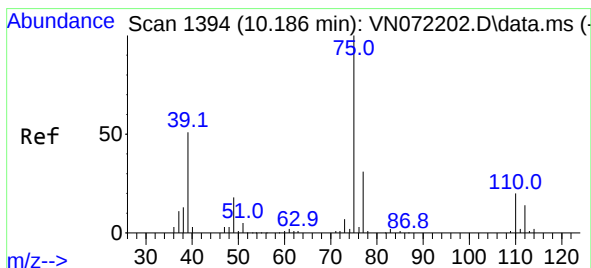
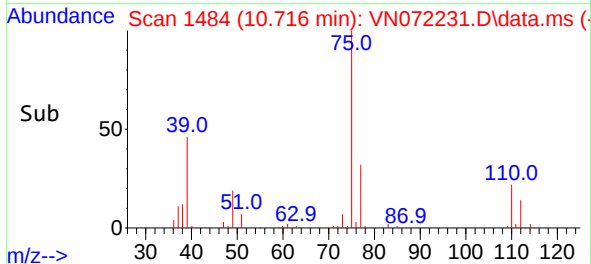
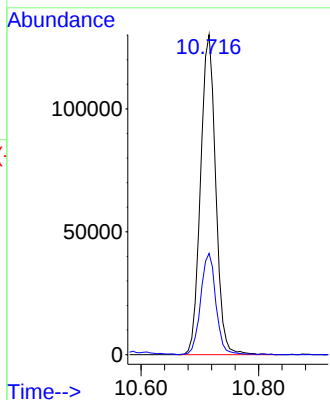
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 232384
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

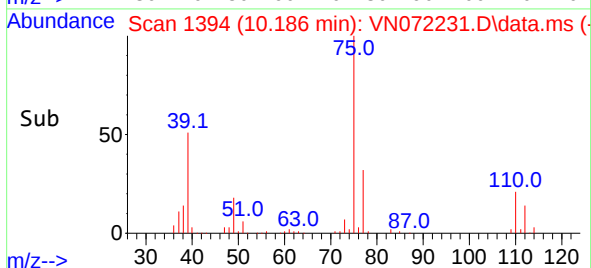
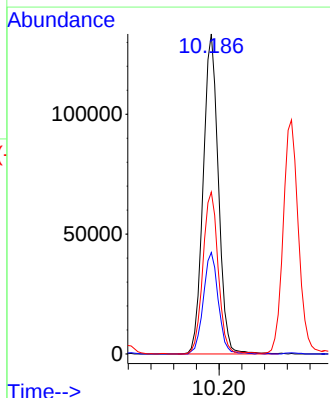
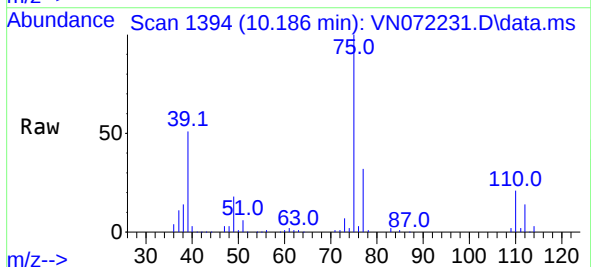
Manual Integrations
APPROVED

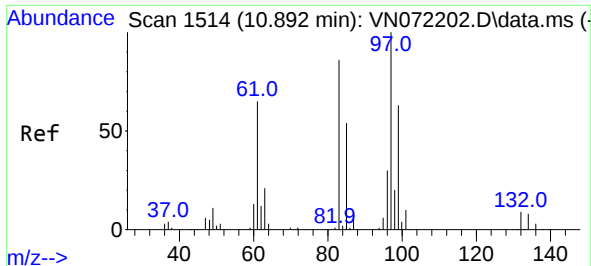
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#54
cis-1,3-Dichloropropene
Concen: 51.199 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Tgt Ion: 75 Resp: 247313
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 50.6 35.7 53.5





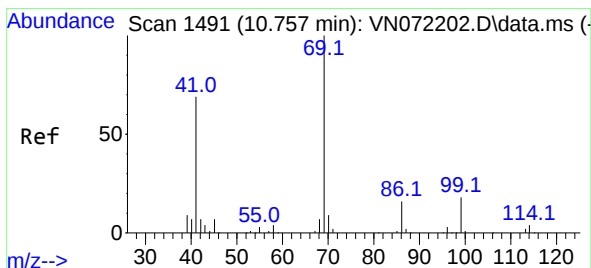
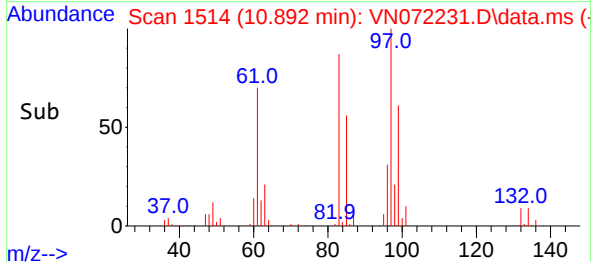
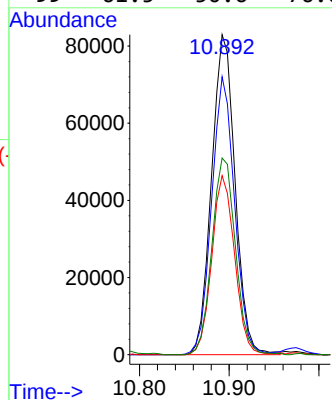
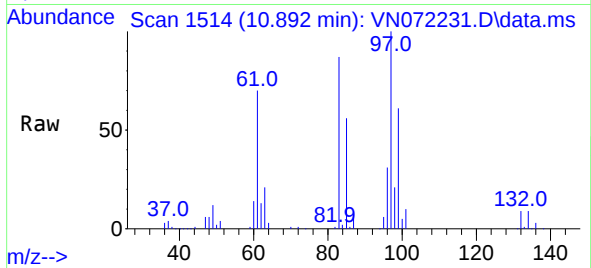
#55
1,1,2-Trichloroethane
Concen: 48.171 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	97	Resp:	15105
Ion	Ratio	Lower	Upper
97	100		
83	86.9	66.2	99.4
85	56.0	43.9	65.9
99	61.5	50.6	76.0

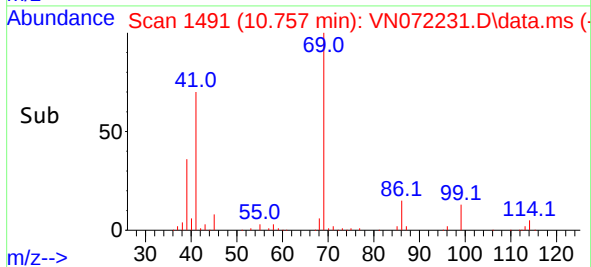
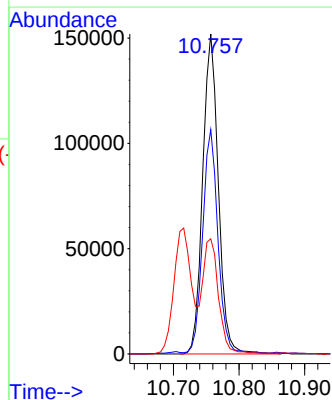
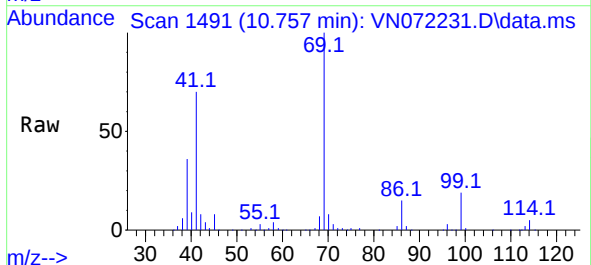
Manual Integrations
APPROVED

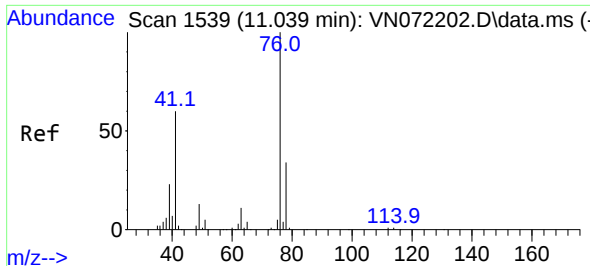
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#56
Ethyl methacrylate
Concen: 46.196 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

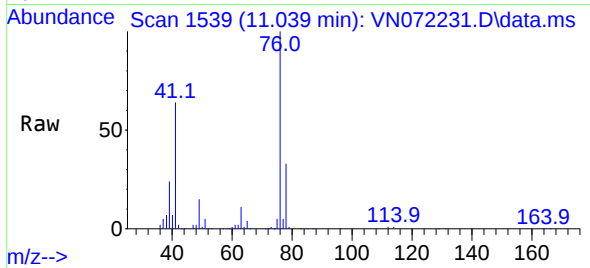
Tgt Ion: 69	Resp: 252657
Ion Ratio	Lower Upper
69 100	
41 67.9	47.8 71.6
39 37.5	27.3 40.9





#57
1,3-Dichloropropane
Concen: 48.668 ug/l
RT: 11.039 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

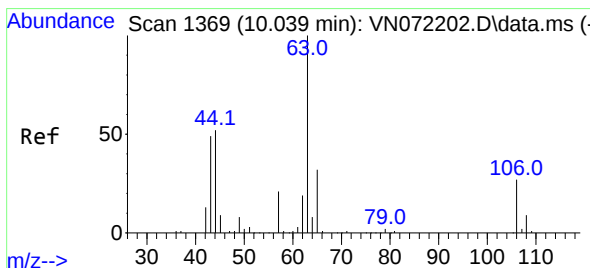
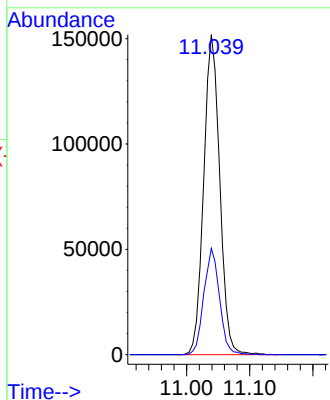
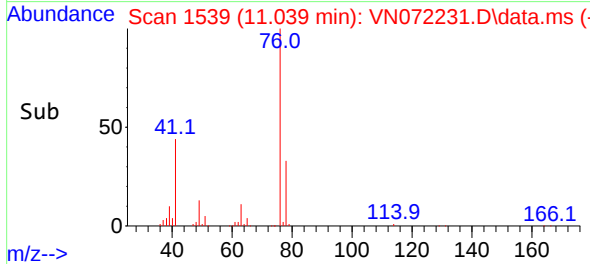
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



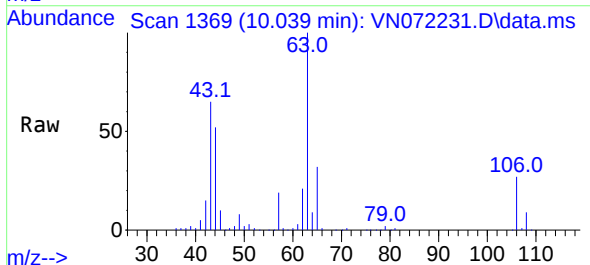
Tgt Ion: 76 Resp: 267804
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2

Manual Integrations
APPROVED

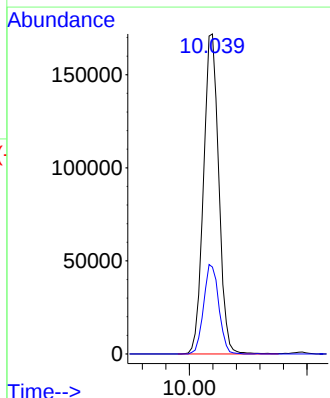
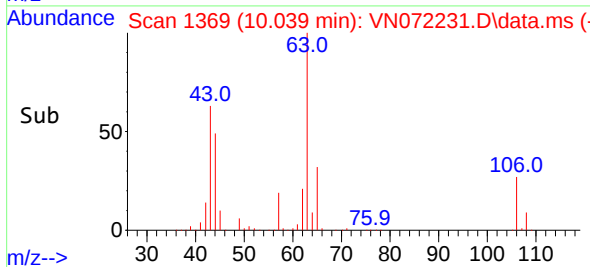
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

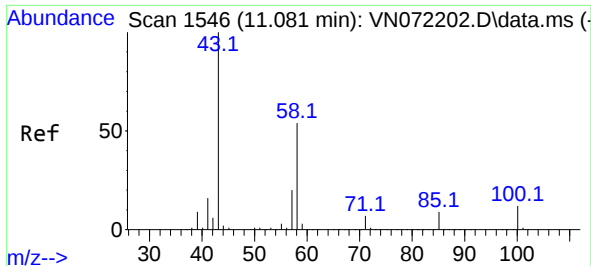


#58
2-Chloroethyl Vinyl ether
Concen: 212.179 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



Tgt Ion: 63 Resp: 309226
Ion Ratio Lower Upper
63 100
106 27.7 24.6 36.8





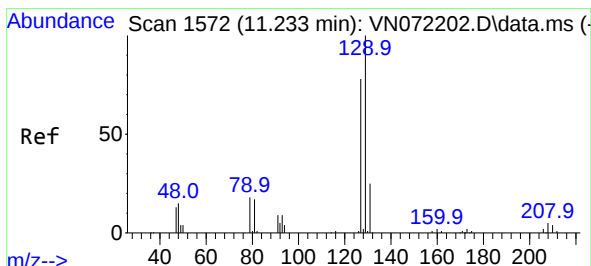
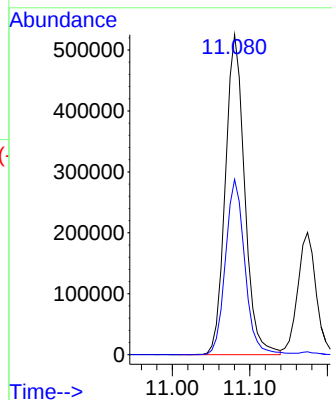
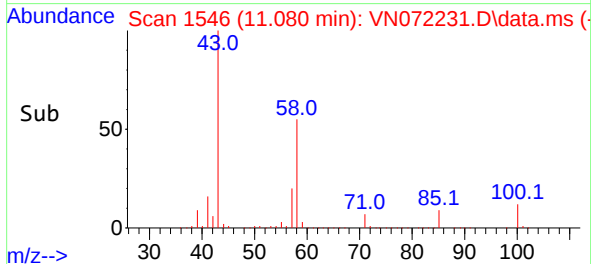
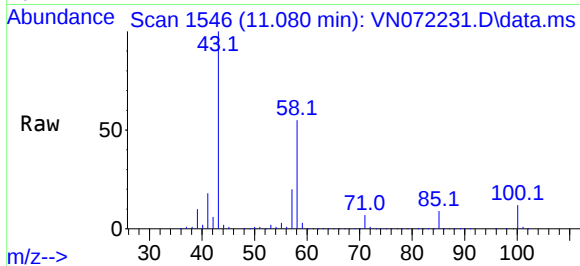
#59
2-Hexanone
Concen: 255.776 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 91070
Ion Ratio Lower Upper
43 100
58 54.8 29.7 89.1

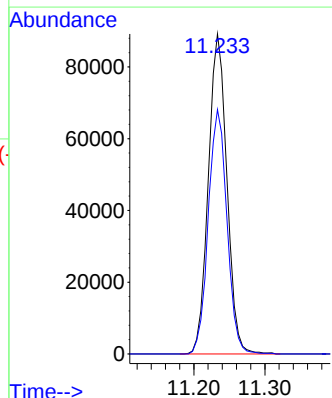
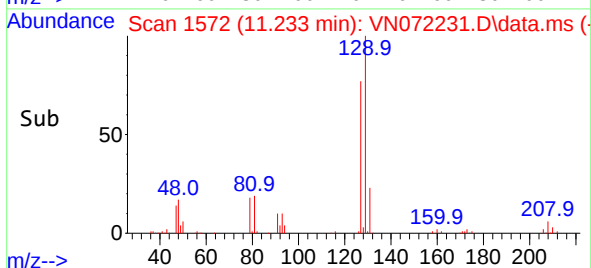
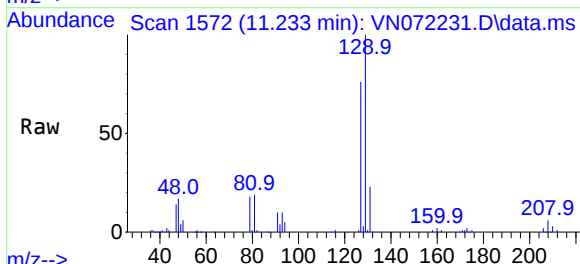
Manual Integrations
APPROVED

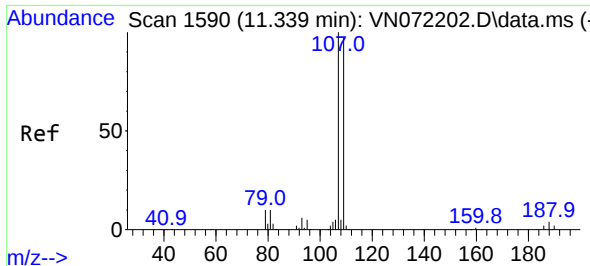
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#60
Dibromochloromethane
Concen: 50.474 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Tgt Ion:129 Resp: 161846
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





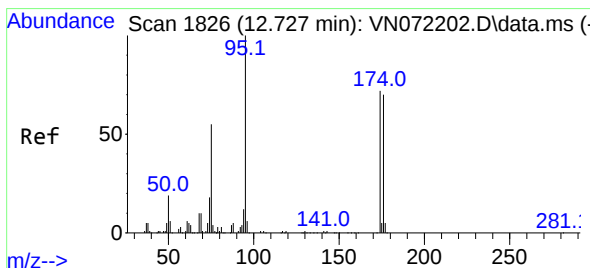
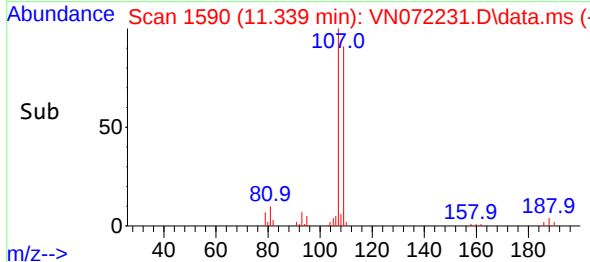
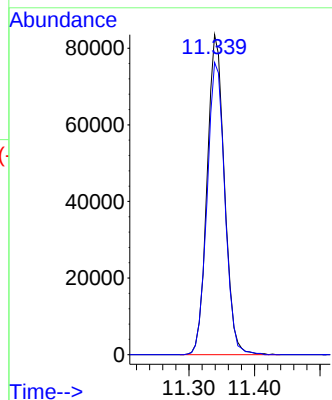
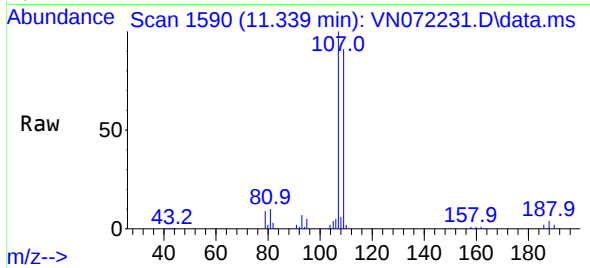
#61
1,2-Dibromoethane
Concen: 49.736 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 15338
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6

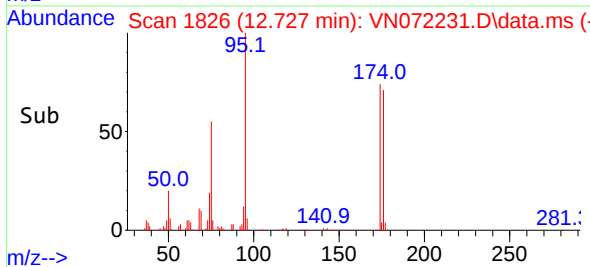
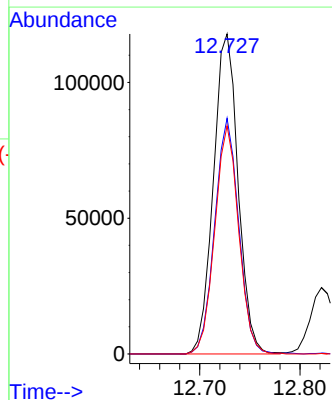
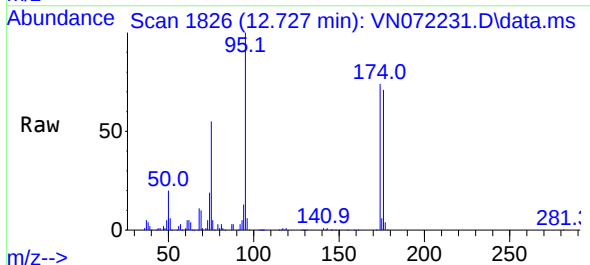
Manual Integrations
APPROVED

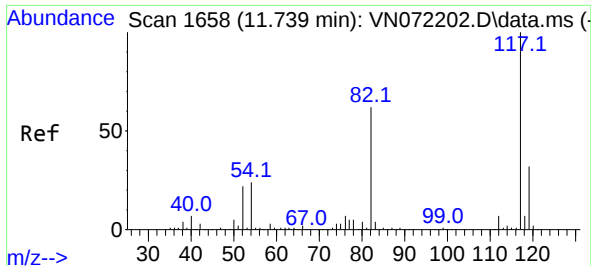
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#62
4-Bromofluorobenzene
Concen: 55.832 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

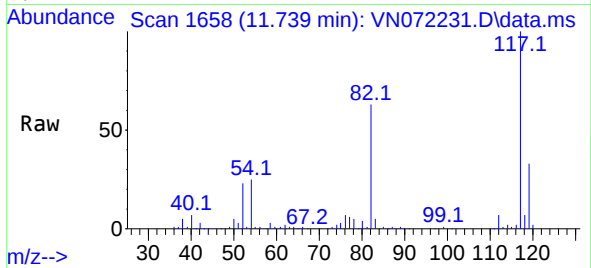
Tgt Ion: 95 Resp: 201770
Ion Ratio Lower Upper
95 100
174 71.6 0.0 167.6
176 68.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

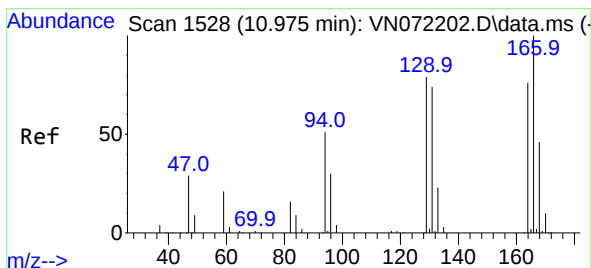
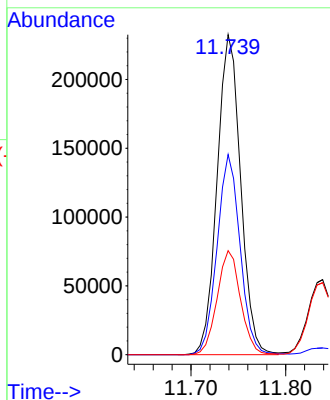
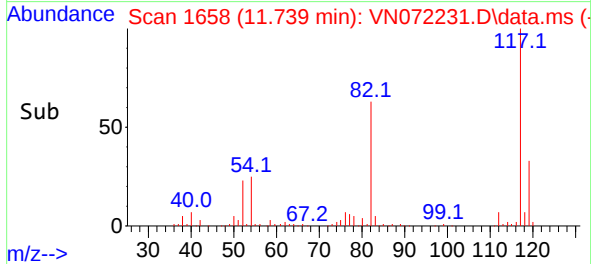
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



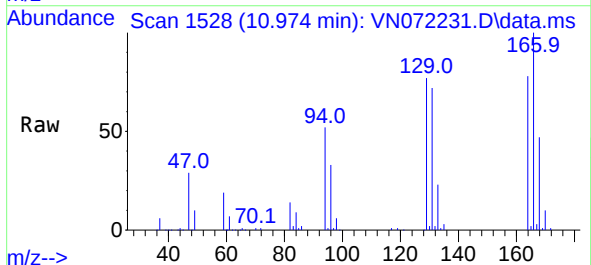
Tgt Ion:117 Resp: 401680
Ion Ratio Lower Upper
117 100
82 62.5 44.2 66.2
119 32.5 25.4 38.0

Manual Integrations
APPROVED

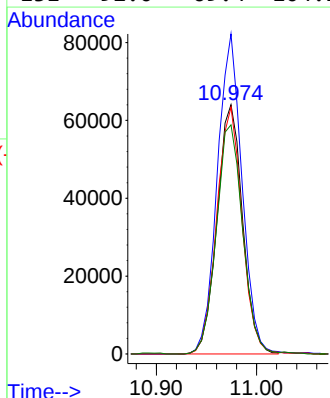
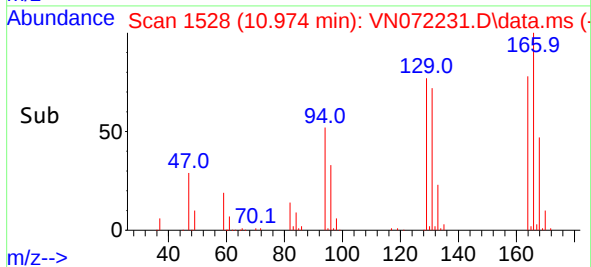
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

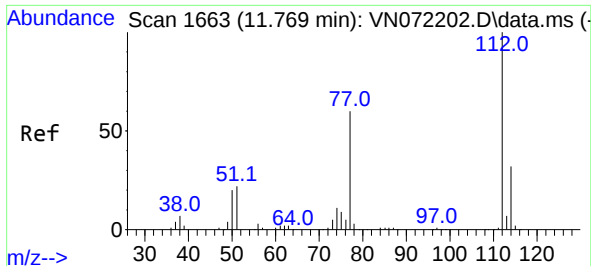


#64
Tetrachloroethene
Concen: 46.680 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



Tgt Ion:164 Resp: 112869
Ion Ratio Lower Upper
164 100
166 128.4 104.2 156.2
129 99.0 73.9 110.9
131 92.0 69.4 104.2





#65
Chlorobenzene
Concen: 47.242 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :

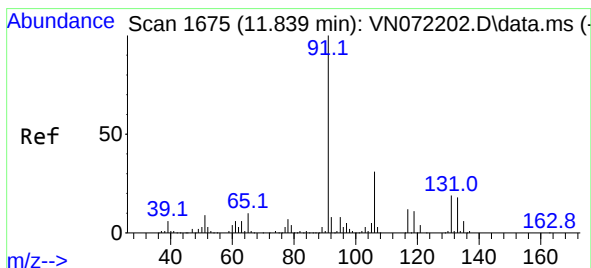
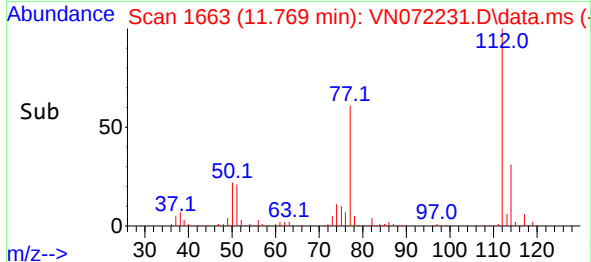
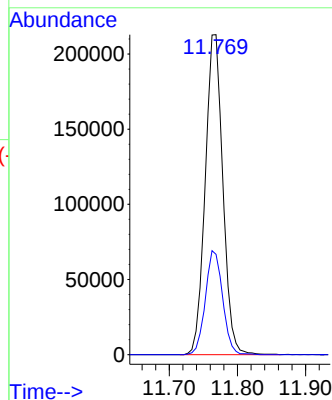
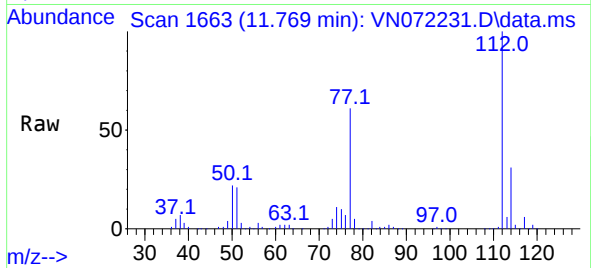
VSTDCCC050EC

Tgt Ion:112 Resp: 38342
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

Manual Integrations

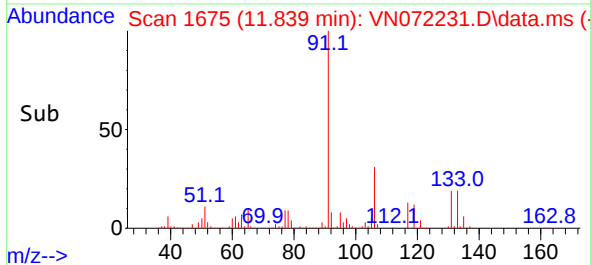
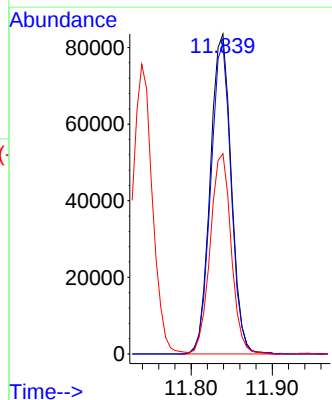
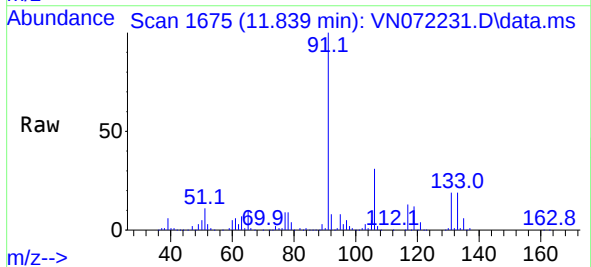
APPROVED

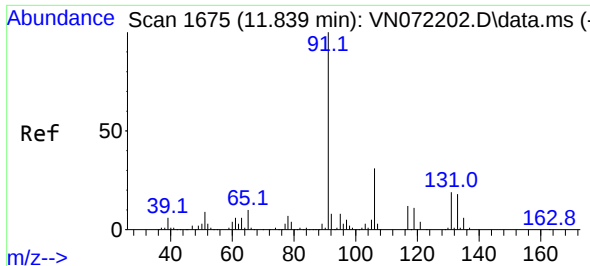
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 48.981 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

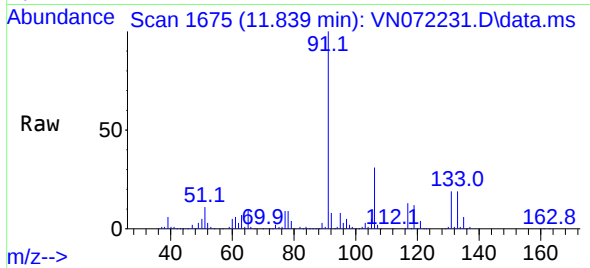
Tgt Ion:131 Resp: 149795
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.4
119 62.5 33.4 100.2





#67
Ethyl Benzene
Concen: 50.726 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

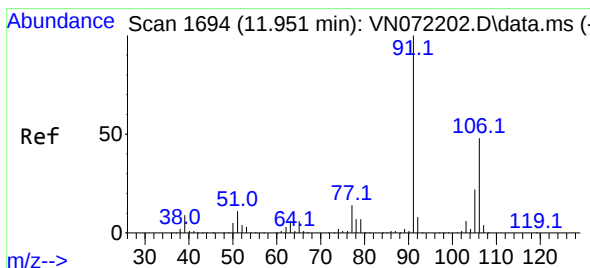
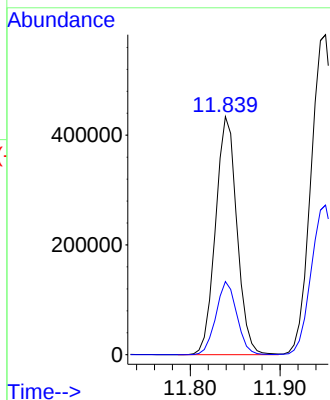
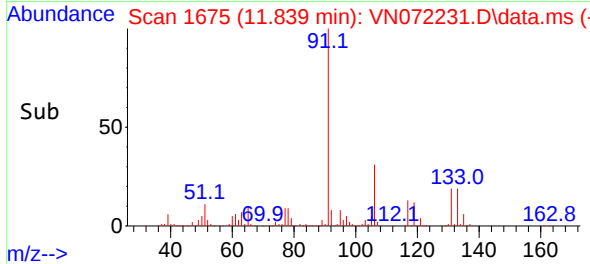
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



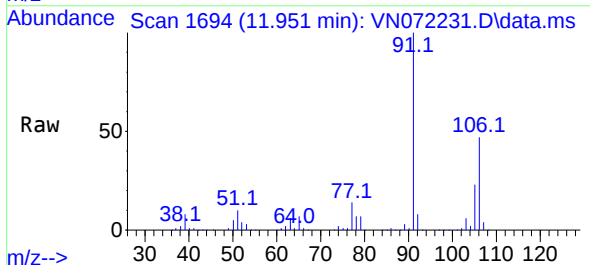
Tgt Ion: 91 Resp: 71797
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

Manual Integrations
APPROVED

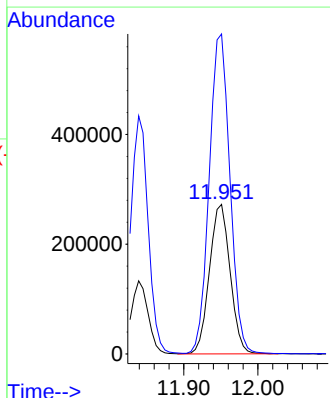
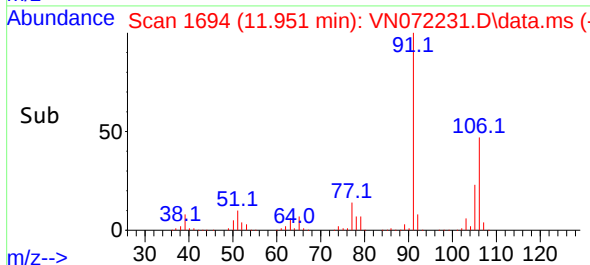
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

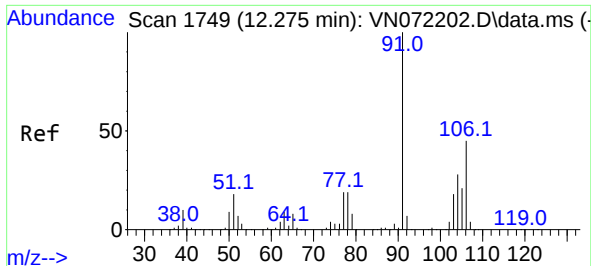


#68
m/p-Xylenes
Concen: 100.532 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



Tgt Ion:106 Resp: 528395
Ion Ratio Lower Upper
106 100
91 214.6 158.9 238.3





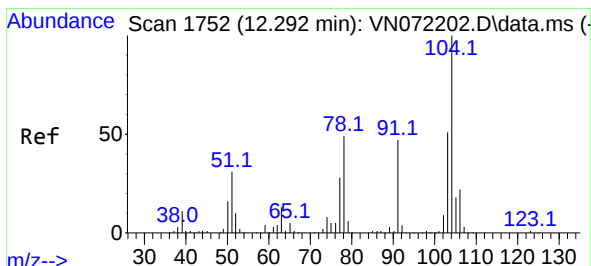
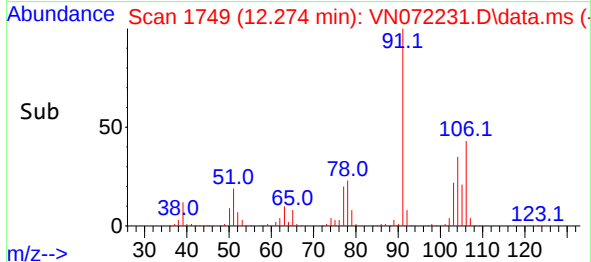
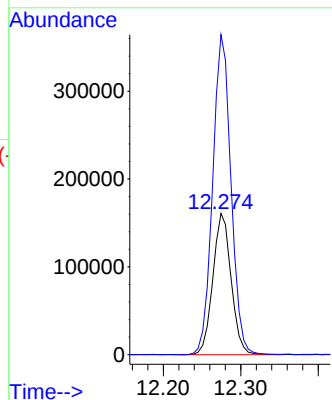
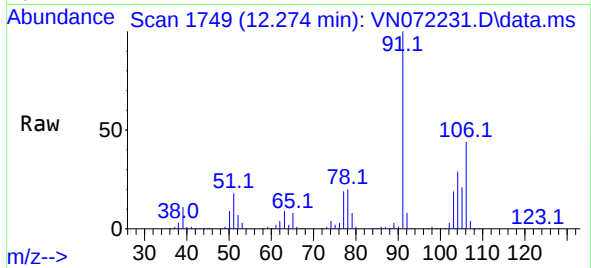
#69
o-Xylene
Concen: 51.755 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 26371
Ion Ratio Lower Upper
106 100
91 227.5 106.0 318.0

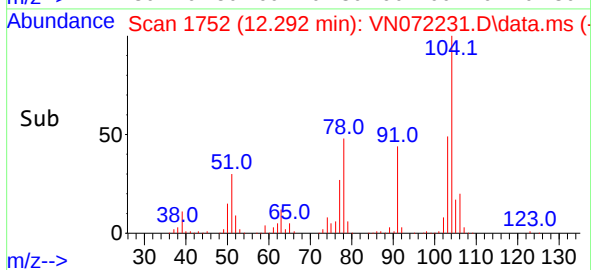
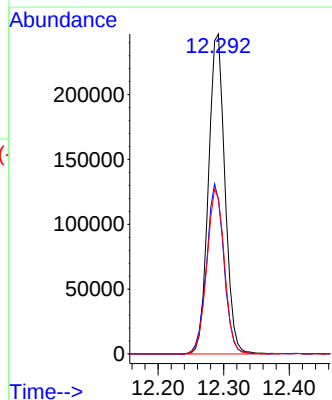
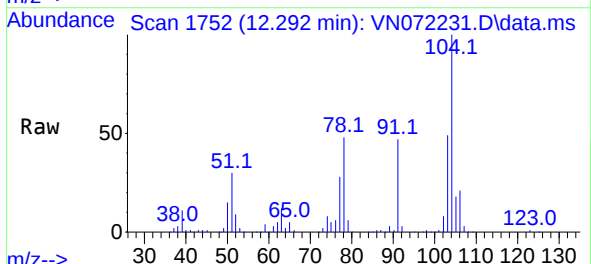
Manual Integrations
APPROVED

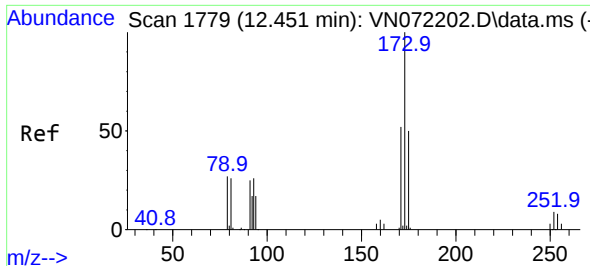
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#70
Styrene
Concen: 53.893 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

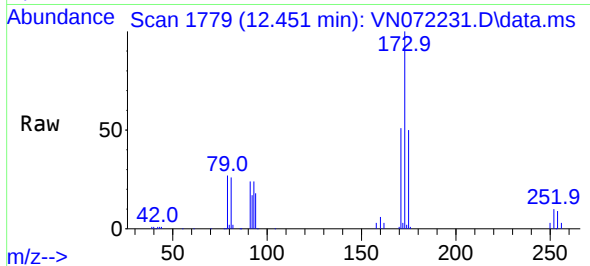
Tgt Ion:104 Resp: 432547
Ion Ratio Lower Upper
104 100
78 56.0 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 52.092 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

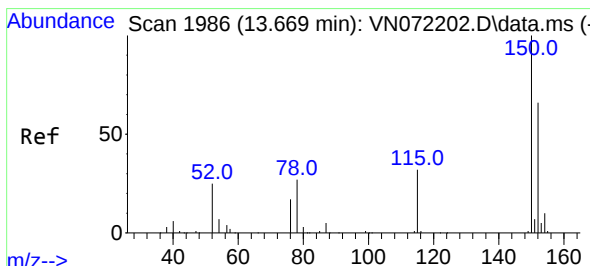
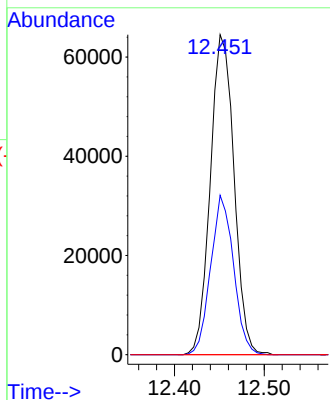
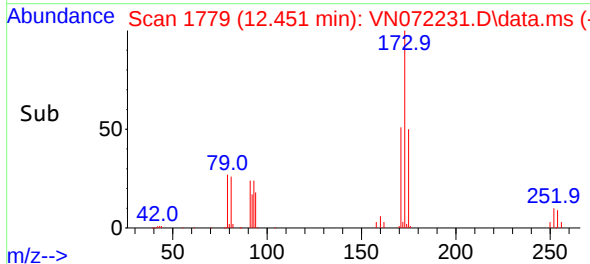
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



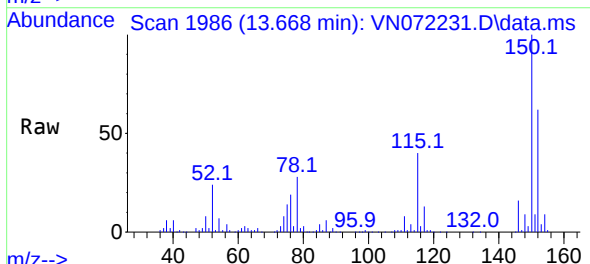
Tgt Ion:173 Resp: 11848
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

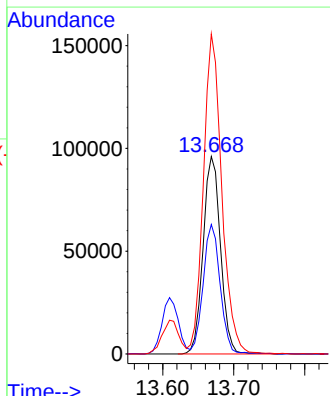
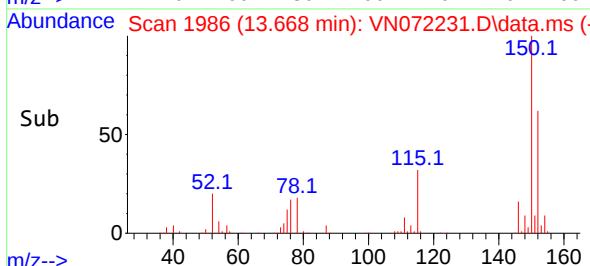
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

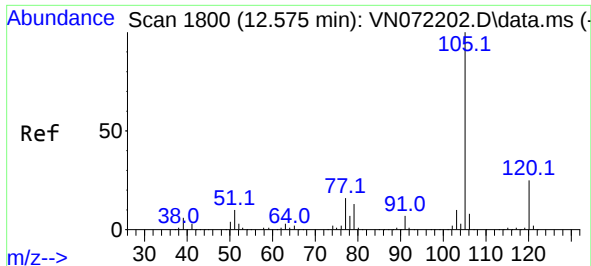


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



Tgt Ion:152 Resp: 163527
Ion Ratio Lower Upper
152 100
115 64.3 28.9 86.7
150 171.9 0.0 356.2





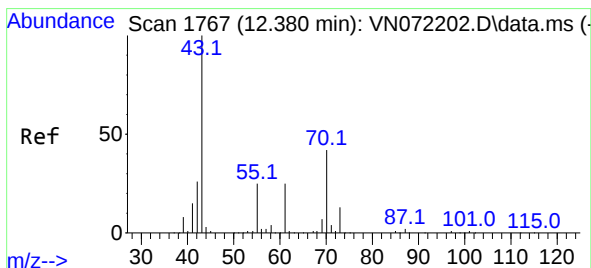
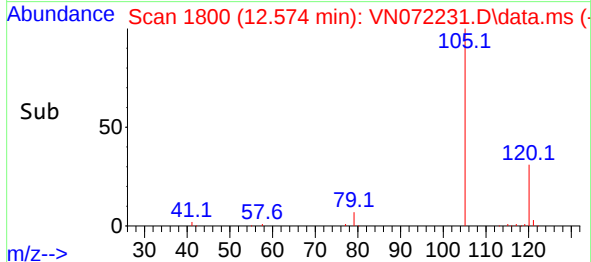
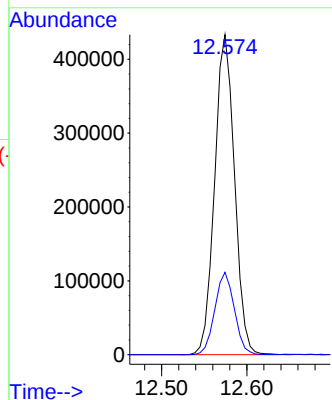
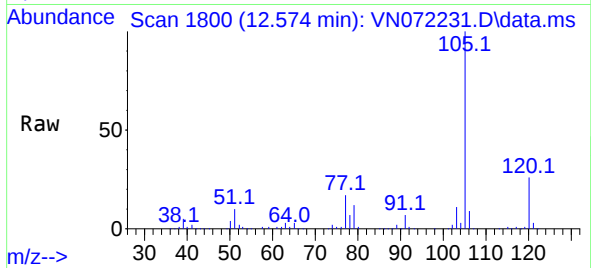
#73
Isopropylbenzene
Concen: 48.745 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 70401
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.4

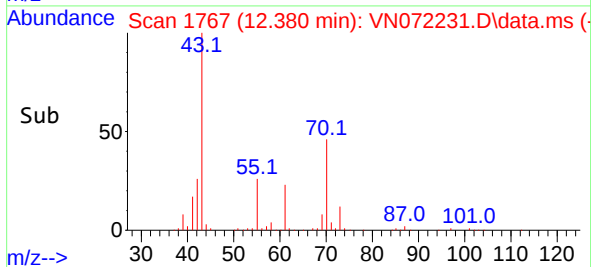
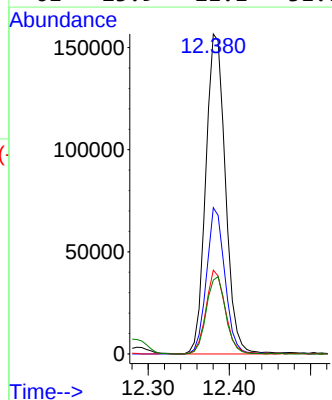
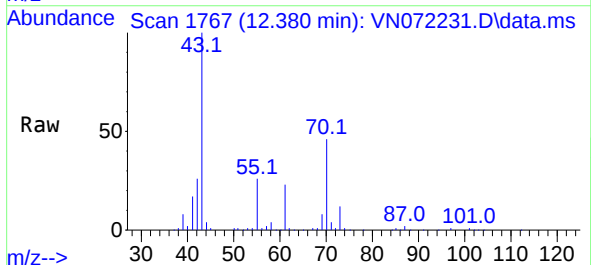
Manual Integrations
APPROVED

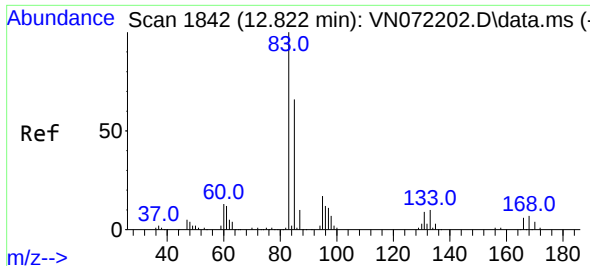
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#74
N-ethyl acetate
Concen: 48.698 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

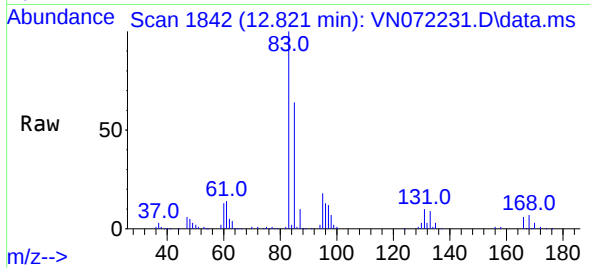
Tgt Ion: 43 Resp: 263504
Ion Ratio Lower Upper
43 100
70 42.7 39.0 58.4
55 25.6 21.1 31.7
61 23.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.631 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

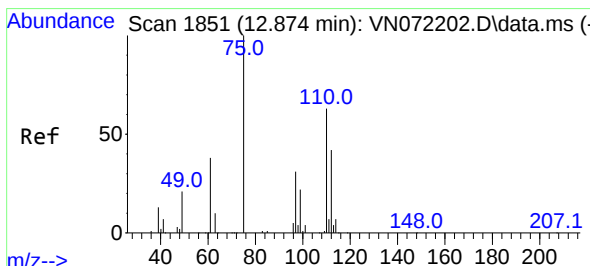
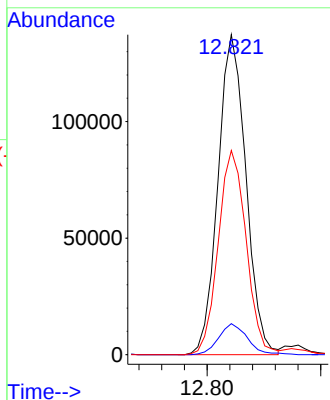
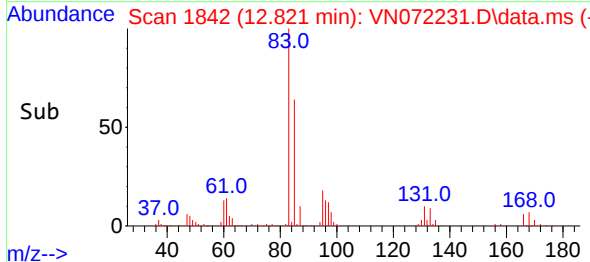
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



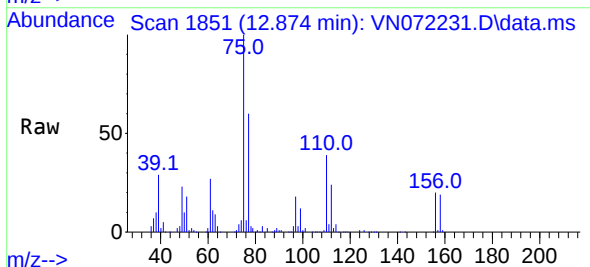
Tgt Ion: 83 Resp: 234440
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 63.8 32.3 96.9

Manual Integrations
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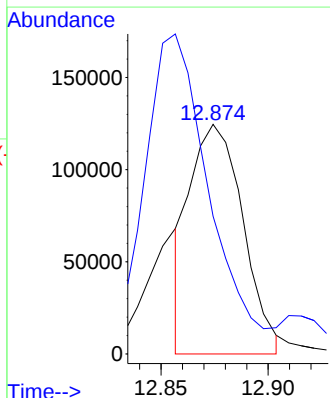
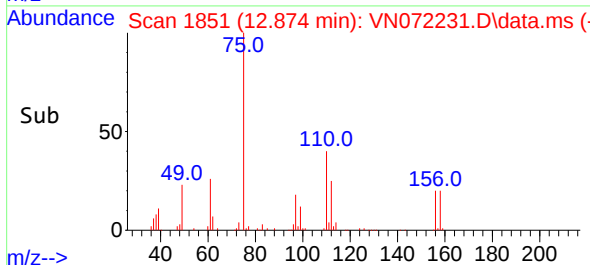
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

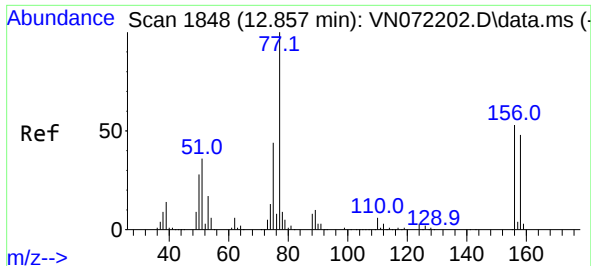


#76
1,2,3-Trichloropropane
Concen: 55.344 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



Tgt Ion: 75 Resp: 214046
Ion Ratio Lower Upper
75 100
77 169.5 98.5 295.5





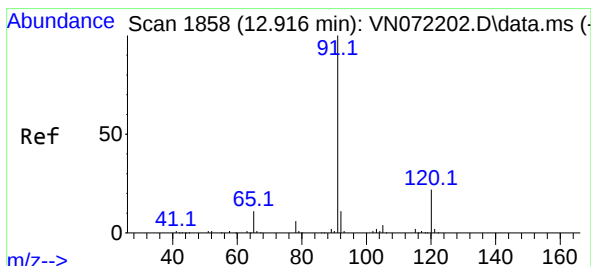
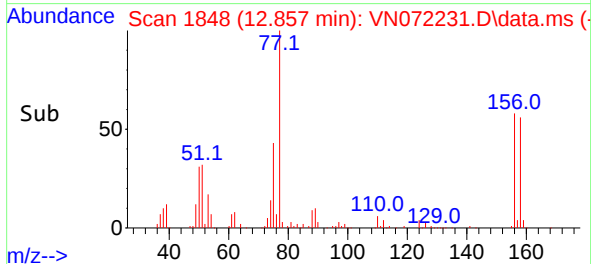
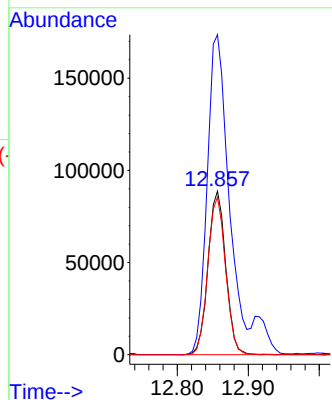
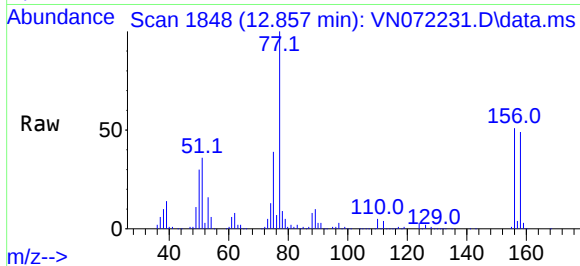
#77
Bromobenzene
Concen: 45.048 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 153860
Ion Ratio Lower Upper
156 100
77 235.8 100.5 301.5
158 96.8 48.9 146.6

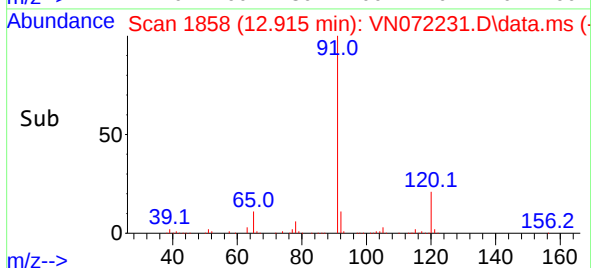
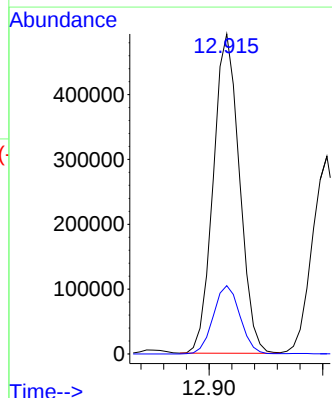
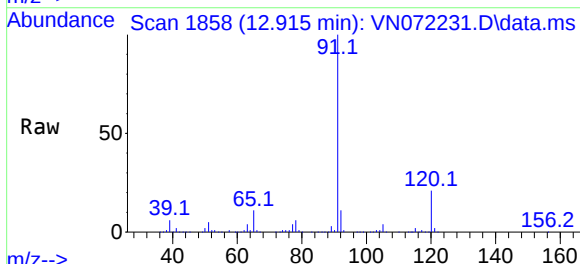
Manual Integrations
APPROVED

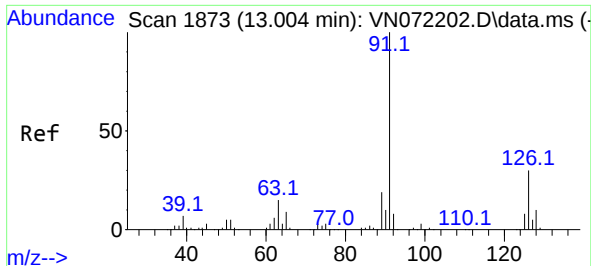
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#78
n-propylbenzene
Concen: 49.514 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Tgt Ion: 91 Resp: 787816
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5





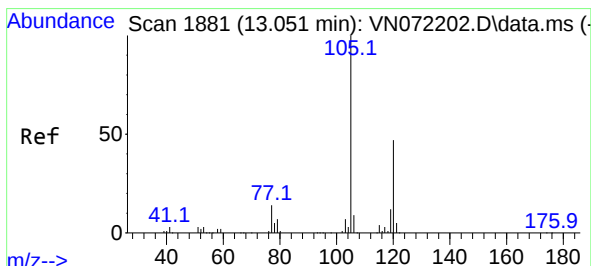
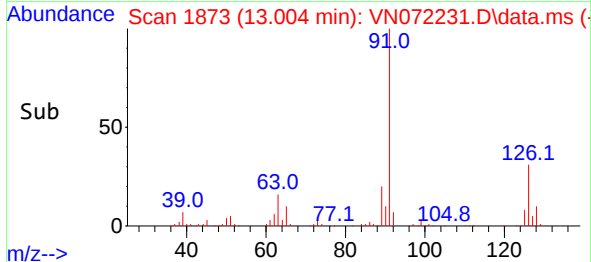
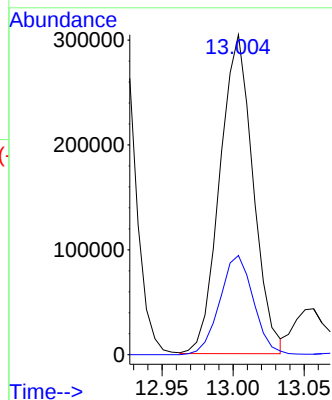
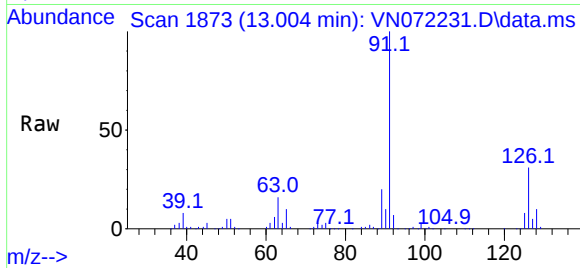
#79
2-Chlorotoluene
Concen: 47.441 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 495794
Ion Ratio Lower Upper
91 100
126 31.5 17.3 51.9

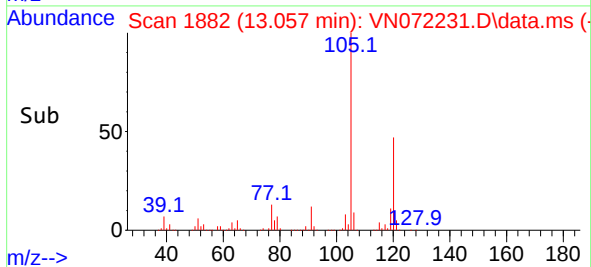
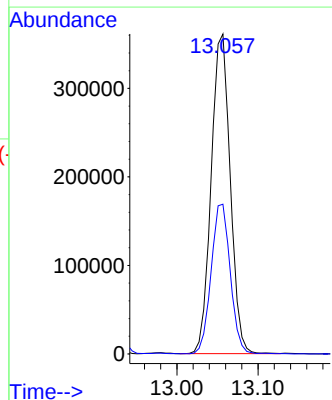
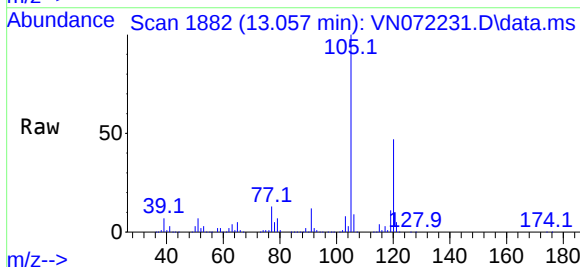
Manual Integrations
APPROVED

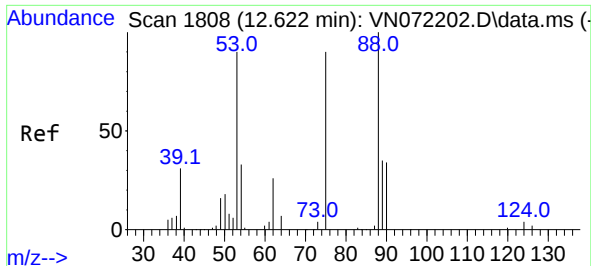
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.910 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

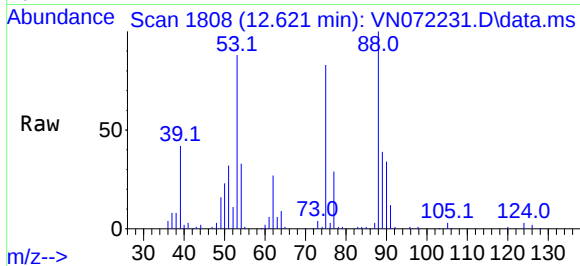
Tgt Ion:105 Resp: 588287
Ion Ratio Lower Upper
105 100
120 47.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 46.503 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

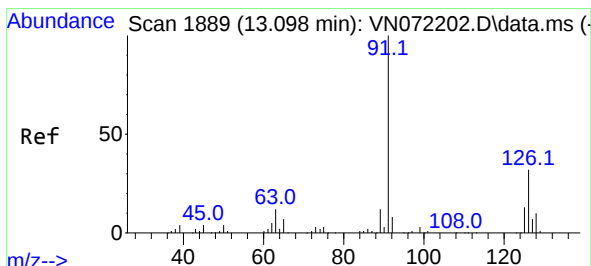
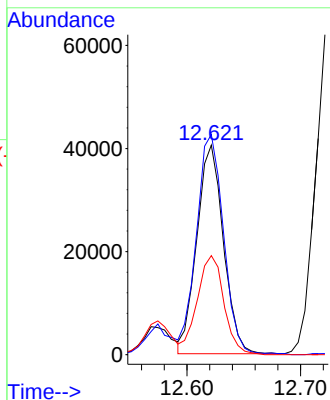
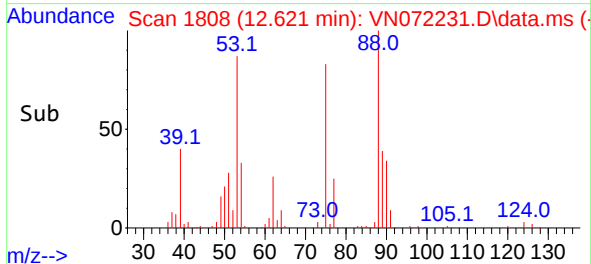
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



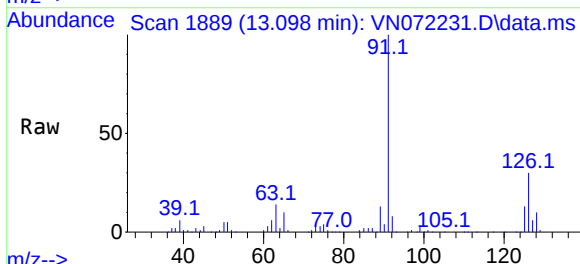
Tgt Ion: 75 Resp: 65768
Ion Ratio Lower Upper
75 100
53 108.1 78.0 117.0
89 48.0 37.2 55.8

Manual Integrations
APPROVED

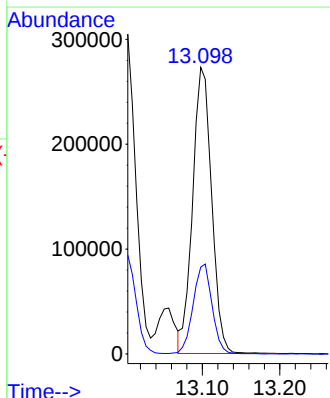
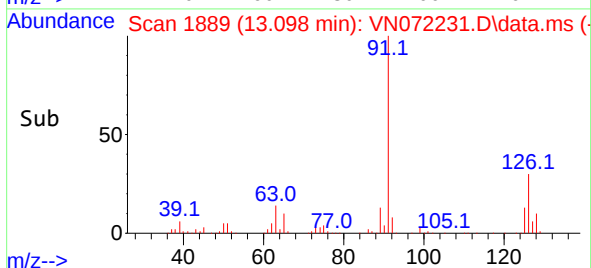
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

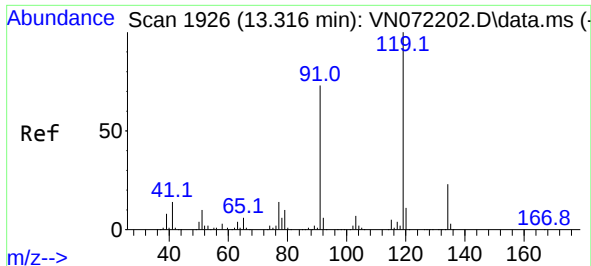


#82
4-Chlorotoluene
Concen: 47.746 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



Tgt Ion: 91 Resp: 464489
Ion Ratio Lower Upper
91 100
126 31.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 49.007 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Instrument :

MSVOA_N

ClientSampleId :

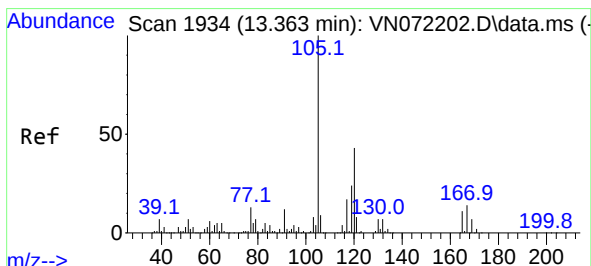
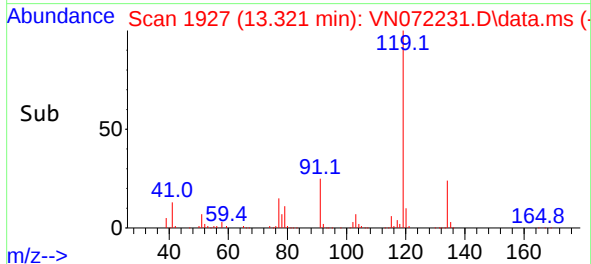
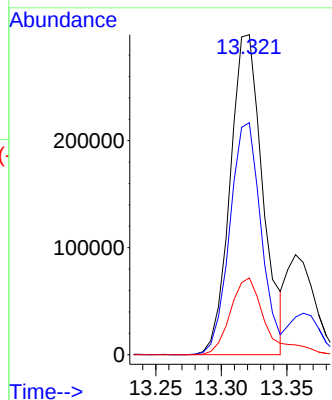
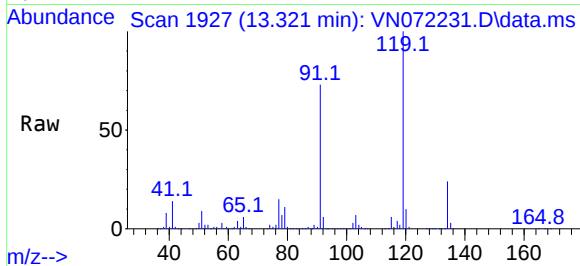
VSTDCCC050EC

Tgt Ion:119 Resp: 517544
Ion Ratio Lower Upper
119 100
91 69.7 31.6 94.8
134 25.9 13.7 41.1

Manual Integrations

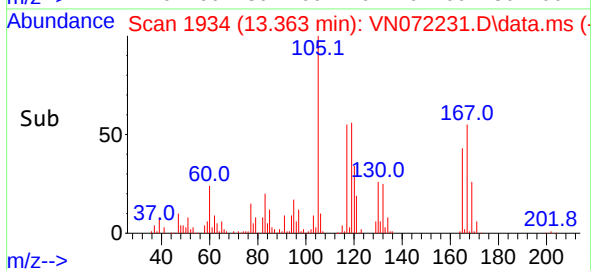
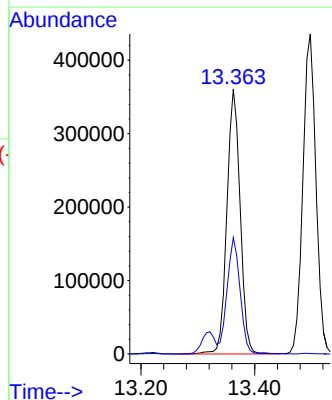
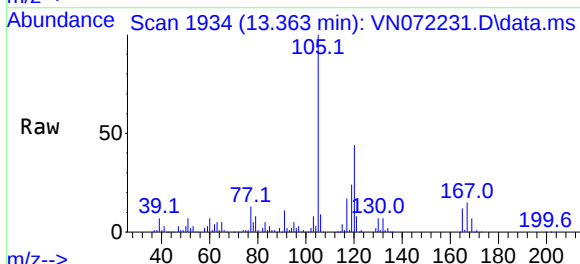
APPROVED

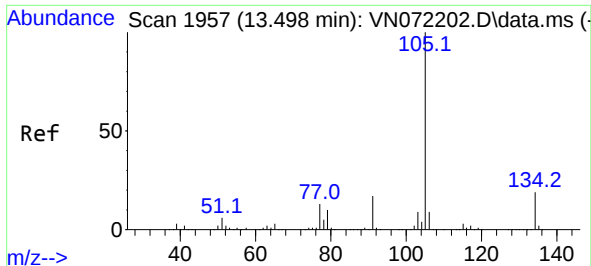
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 50.360 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

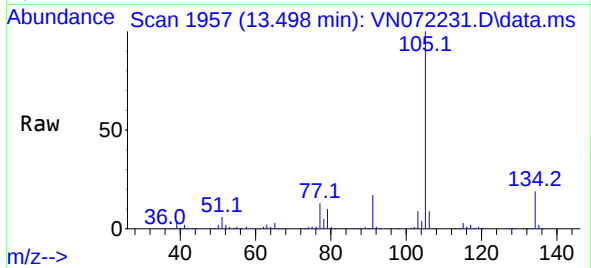
Tgt Ion:105 Resp: 586071
Ion Ratio Lower Upper
105 100
120 43.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 50.569 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072231.D
 Acq: 27 Apr 2022 21:18

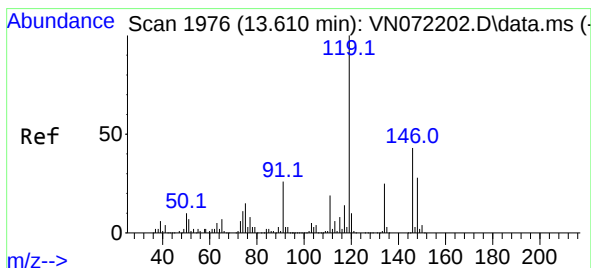
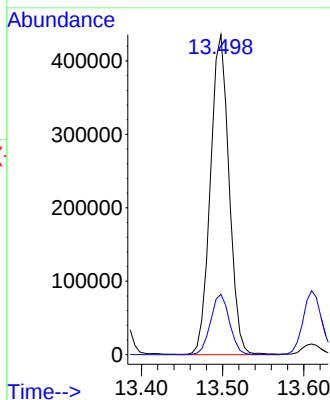
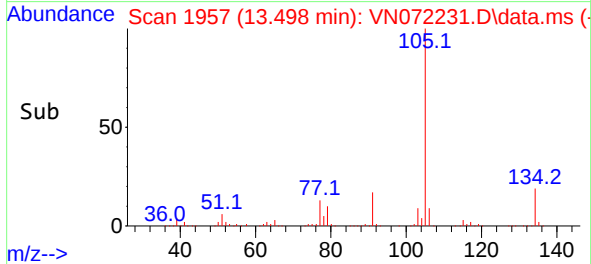
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



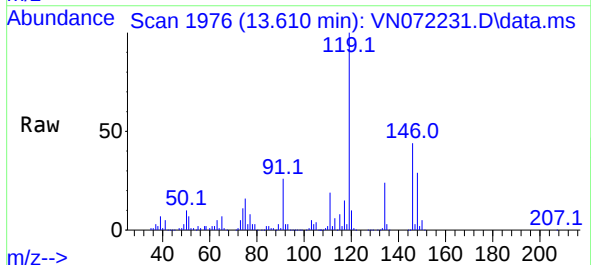
Tgt Ion:105 Resp: 69625
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

Manual Integrations
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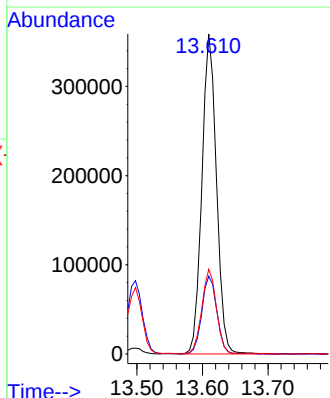
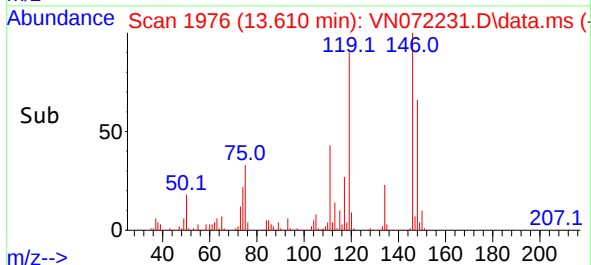
Reviewed By :John Carlone 04/28/2022
 Supervised By :Mahesh Dadoda 04/28/2022

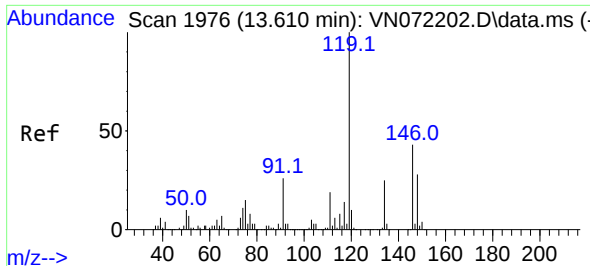


#86
 p-Isopropyltoluene
 Concen: 51.711 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072231.D
 Acq: 27 Apr 2022 21:18



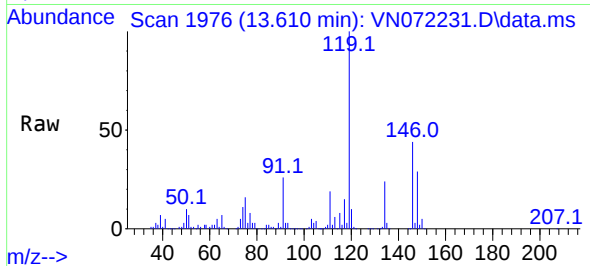
Tgt Ion:119 Resp: 555069
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.3 39.8
 91 26.3 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.651 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

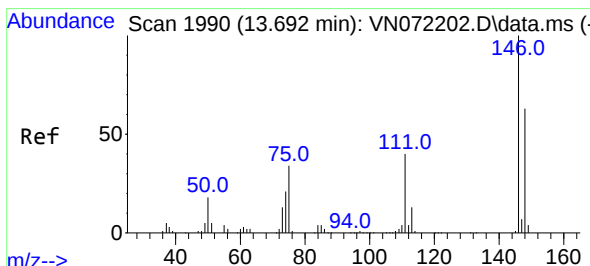
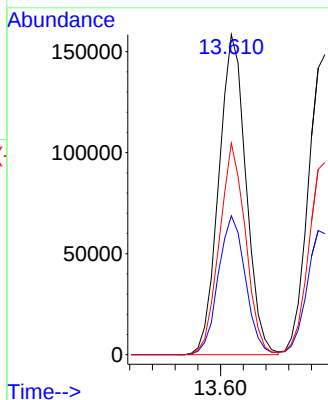
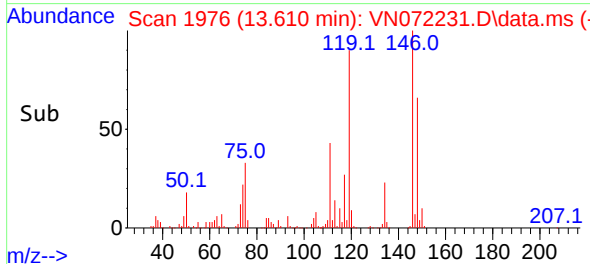
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



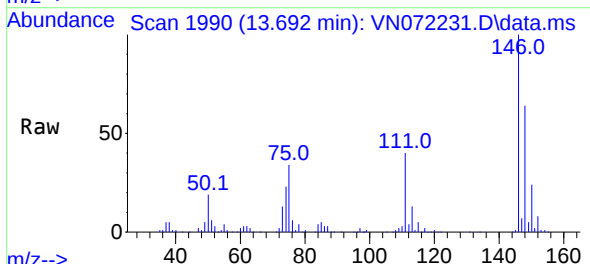
Tgt Ion:146 Resp: 263409
Ion Ratio Lower Upper
146 100
111 43.2 20.0 60.0
148 63.7 32.0 96.0

Manual Integrations
APPROVED

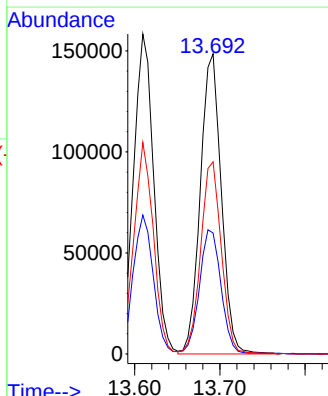
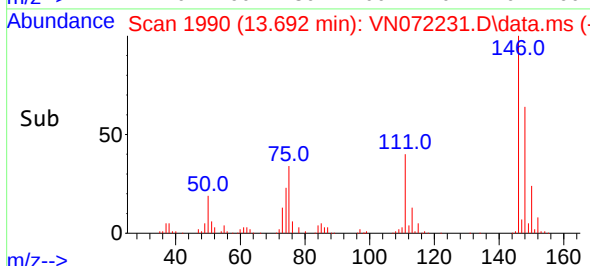
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

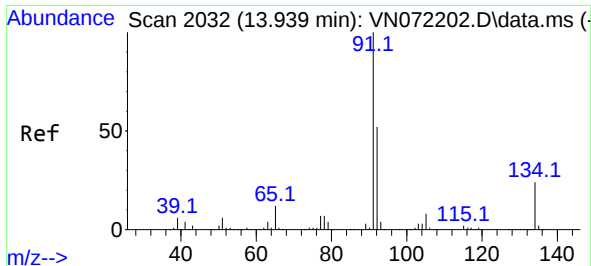


#88
1,4-Dichlorobenzene
Concen: 47.323 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



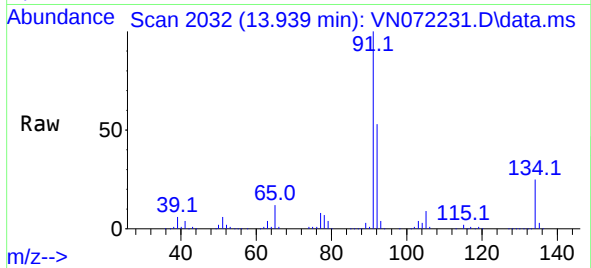
Tgt Ion:146 Resp: 254398
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.1
148 63.3 31.4 94.3





#89
n-Butylbenzene
Concen: 53.147 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

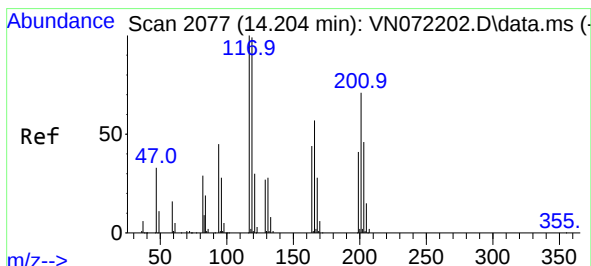
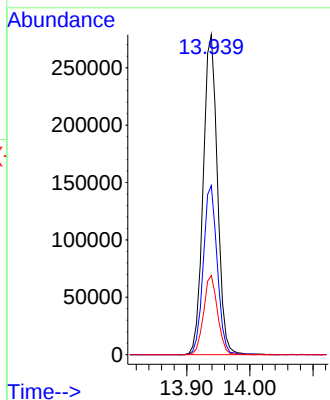
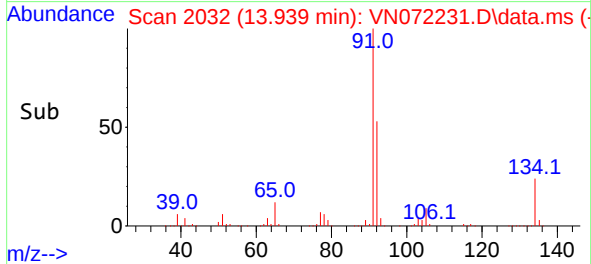
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 43696
Ion Ratio Lower Upper
91 100
92 51.9 26.9 80.7
134 24.2 13.6 40.8

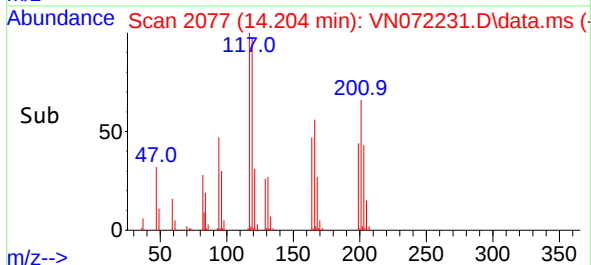
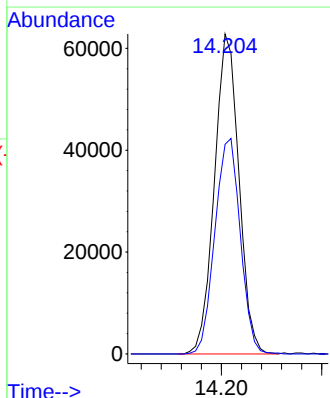
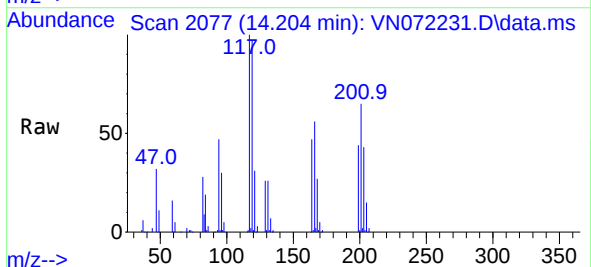
Manual Integrations
APPROVED

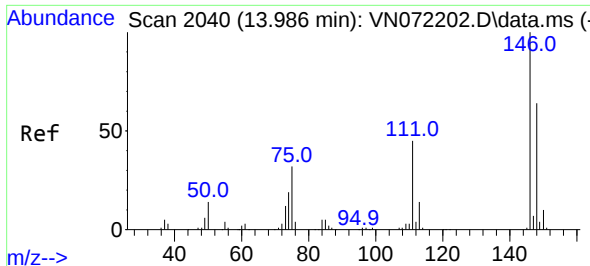
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#90
Hexachloroethane
Concen: 45.698 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

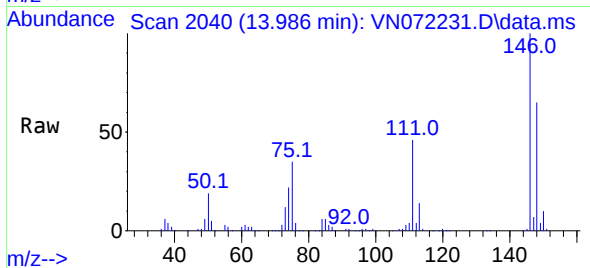
Tgt Ion:117 Resp: 106483
Ion Ratio Lower Upper
117 100
201 69.9 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 47.097 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

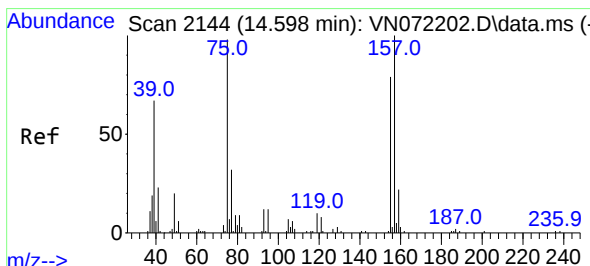
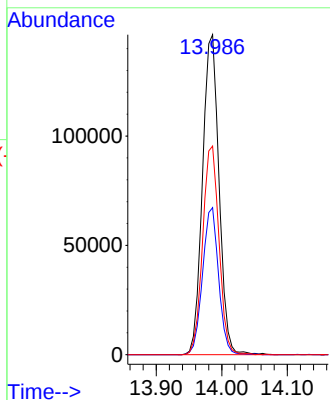
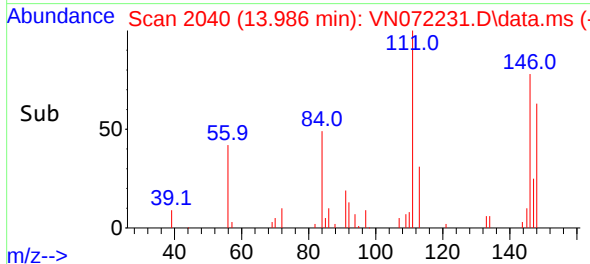
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



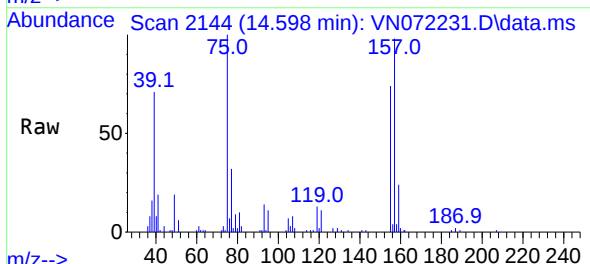
Tgt Ion:146 Resp: 25660
Ion Ratio Lower Upper
146 100
111 44.7 20.9 62.8
148 64.6 32.1 96.3

Manual Integrations
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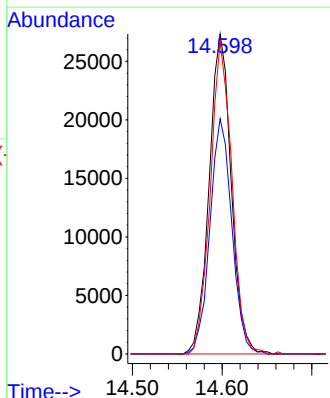
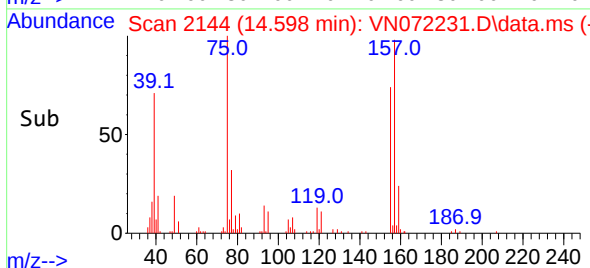
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

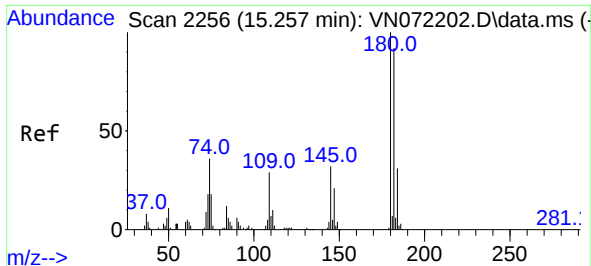


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.689 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



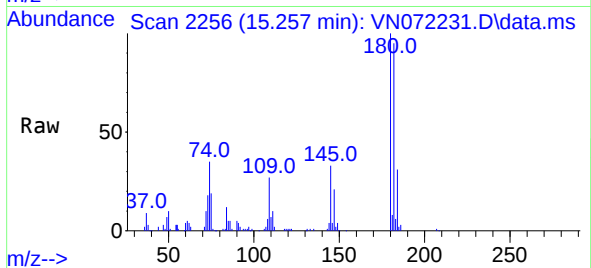
Tgt Ion: 75 Resp: 46637
Ion Ratio Lower Upper
75 100
155 73.1 44.9 134.5
157 95.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 46.160 ug/l
RT: 15.257 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

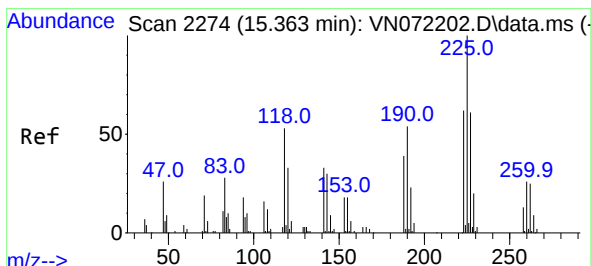
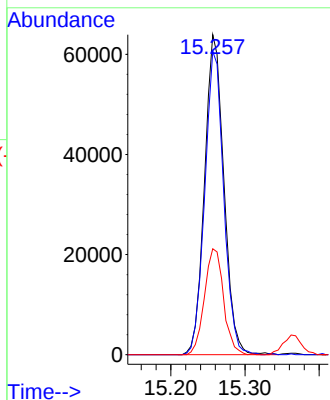
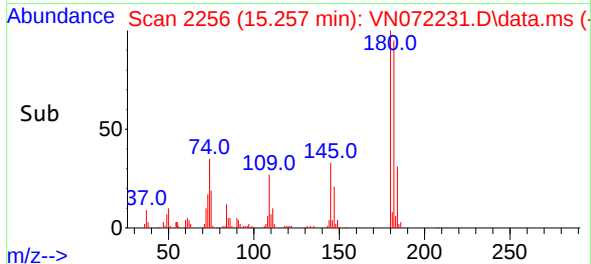
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



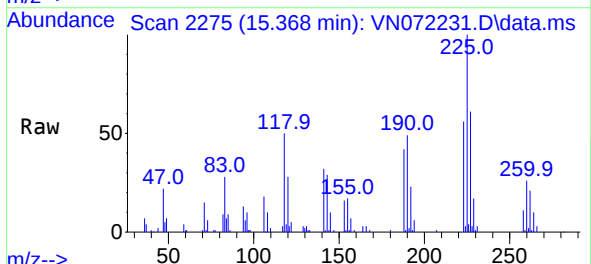
Tgt Ion:180 Resp: 11577
Ion Ratio Lower Upper
180 100
182 92.9 47.5 142.5
145 32.7 14.5 43.5

Manual Integrations
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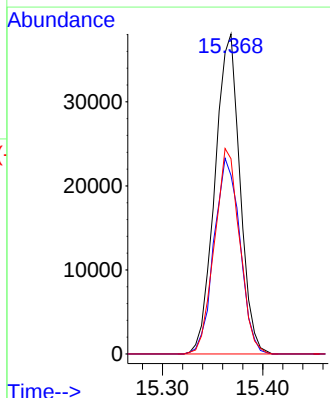
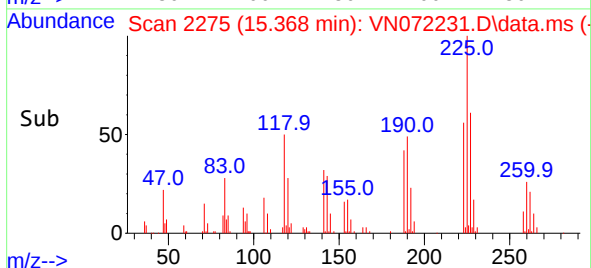
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

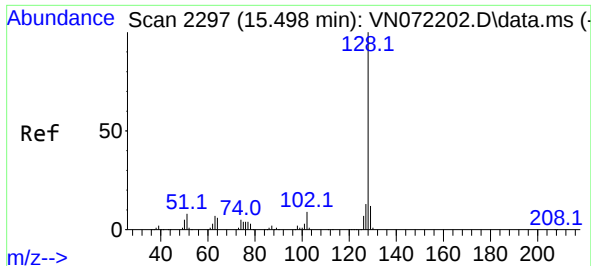


#94
Hexachlorobutadiene
Concen: 45.145 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18



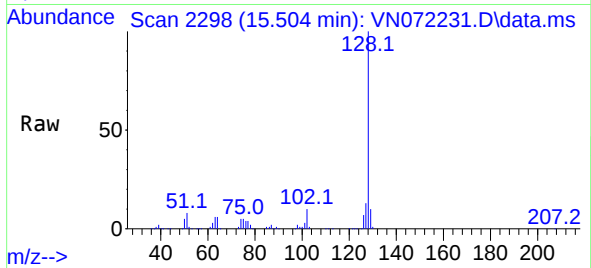
Tgt Ion:225 Resp: 65912
Ion Ratio Lower Upper
225 100
223 63.5 32.4 97.2
227 64.4 31.8 95.4





#95
Naphthalene
Concen: 43.398 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

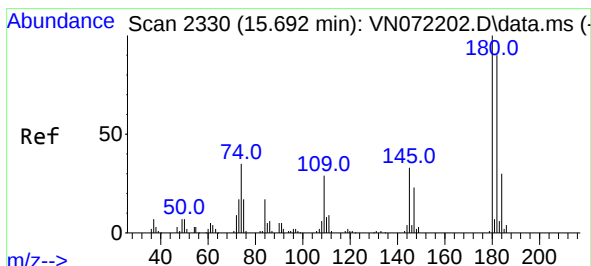
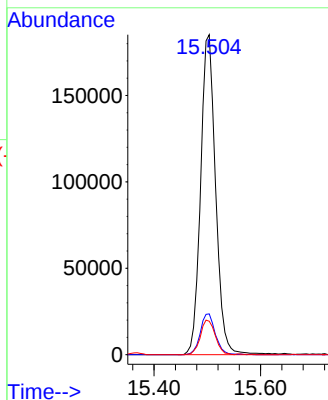
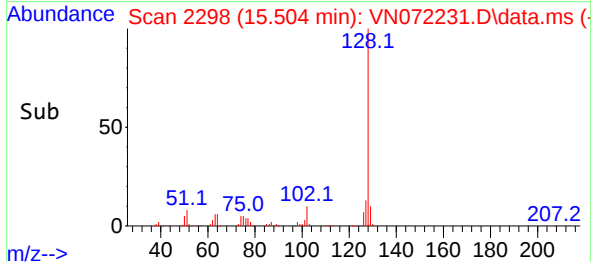
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 36231
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.049 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072231.D
Acq: 27 Apr 2022 21:18

Tgt Ion:180 Resp: 115033
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.3
145 35.5 15.5 46.5

