

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072236.D
 Acq On : 28 Apr 2022 14:29
 Operator : JC\MD
 Sample : VN0428WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 14:53:58 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	8.080	168	226133	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	369722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	337206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	134515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	184304	53.088	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.180%	
35) Dibromofluoromethane	8.016	113	125626	53.087	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.180%	
50) Toluene-d8	10.439	98	485463	52.208	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.727	95	164454	53.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	48482	19.023	ug/l	94
3) Chloromethane	2.298	50	51696	17.653	ug/l	99
4) Vinyl Chloride	2.440	62	42455	16.678	ug/l	99
5) Bromomethane	2.845	94	27326	21.131	ug/l	92
6) Chloroethane	3.010	64	27156	17.806	ug/l	97
7) Trichlorofluoromethane	3.375	101	84605	19.024	ug/l	94
8) Diethyl Ether	3.822	74	31821	19.760	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.210	101	44157	18.902	ug/l	95
10) Methyl Iodide	4.422	142	53365	18.819	ug/l	# 86
11) Tert butyl alcohol	5.357	59	60264	105.631	ug/l	96
12) 1,1-Dichloroethene	4.187	96	38763	17.948	ug/l	91
13) Acrolein	4.040	56	46816	81.541	ug/l	98
14) Allyl chloride	4.840	41	79432	17.713	ug/l	96
15) Acrylonitrile	5.551	53	164118	95.328	ug/l	98
16) Acetone	4.281	43	144516	96.552	ug/l	89
17) Carbon Disulfide	4.528	76	88246	17.603	ug/l	98
18) Methyl Acetate	4.851	43	81539	19.463	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	176733	20.876	ug/l	100
20) Methylene Chloride	5.092	84	51579	17.978	ug/l	# 86
21) trans-1,2-Dichloroethene	5.604	96	41731	17.523	ug/l	94
22) Diisopropyl ether	6.492	45	178636	19.340	ug/l	96
23) Vinyl Acetate	6.428	43	758407	97.765	ug/l	96
24) 1,1-Dichloroethane	6.381	63	97499	18.871	ug/l	99
25) 2-Butanone	7.328	43	217543	91.262	ug/l	93
26) 2,2-Dichloropropane	7.322	77	81872	20.286	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	54599	18.805	ug/l	90
28) Bromochloromethane	7.651	49	45824	19.807	ug/l	84
29) Tetrahydrofuran	7.680	42	144564	92.411	ug/l	92
30) Chloroform	7.816	83	102800	19.817	ug/l	99
31) Cyclohexane	8.092	56	83166	17.929	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	89553	20.286	ug/l	99
36) 1,1-Dichloropropene	8.222	75	67116	19.485	ug/l	94
37) Ethyl Acetate	7.404	43	89584	19.584	ug/l	98
38) Carbon Tetrachloride	8.204	117	76198	20.655	ug/l	93
39) Methylcyclohexane	9.457	83	73801	19.157	ug/l	94
40) Benzene	8.457	78	207220	19.395	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	47073	20.342	ug/l #	88
42) 1,2-Dichloroethane	8.522	62	90582	22.145	ug/l	97
43) Isopropyl Acetate	8.557	43	137600	19.653	ug/l	95
44) Trichloroethene	9.210	130	47269	19.019	ug/l	92
45) 1,2-Dichloropropane	9.480	63	55958	19.383	ug/l	95
46) Dibromomethane	9.574	93	38329	21.193	ug/l	89
47) Bromodichloromethane	9.757	83	82160	21.651	ug/l	95
48) Methyl methacrylate	9.557	41	64761	21.433	ug/l	92
49) 1,4-Dioxane	9.563	88	22432	422.622	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	441673	102.333	ug/l	95
52) Toluene	10.498	92	131380	20.569	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	80845	21.193	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	88093	21.354	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	56864	21.233	ug/l	96
56) Ethyl methacrylate	10.757	69	86302	19.895	ug/l	89
57) 1,3-Dichloropropane	11.039	76	96062	20.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	100309	91.588	ug/l	96
59) 2-Hexanone	11.080	43	309761	101.865	ug/l	95
60) Dibromochloromethane	11.233	129	57322	20.932	ug/l	98
61) 1,2-Dibromoethane	11.339	107	54957	20.866	ug/l	99
64) Tetrachloroethene	10.974	164	40483	19.944	ug/l	87
65) Chlorobenzene	11.768	112	134454	19.734	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	54654	21.289	ug/l	96
67) Ethyl Benzene	11.839	91	244512	20.578	ug/l	97
68) m/p-Xylenes	11.951	106	183434	41.574	ug/l	91
69) o-Xylene	12.274	106	89616	20.951	ug/l	88
70) Styrene	12.292	104	143511	21.300	ug/l	95
71) Bromoform	12.451	173	41359	21.661	ug/l #	95
73) Isopropylbenzene	12.574	105	236788	19.931	ug/l	96
74) N-amyl acetate	12.386	43	84752	19.041	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	84767	20.542	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	67113m	21.984	ug/l	
77) Bromobenzene	12.857	156	53300	18.971	ug/l	83
78) n-propylbenzene	12.915	91	260658	19.916	ug/l	95
79) 2-Chlorotoluene	13.004	91	167507	19.485	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	200581	20.273	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.621	75	21693	18.647	ug/l	89
82) 4-Chlorotoluene	13.098	91	155601	19.444	ug/l	95
83) tert-Butylbenzene	13.321	119	170112	19.582	ug/l	93
84) 1,2,4-Trimethylbenzene	13.362	105	194178	20.284	ug/l	93
85) sec-Butylbenzene	13.498	105	225548	19.915	ug/l	97
86) p-Isopropyltoluene	13.615	119	181294	20.532	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	88823	19.534	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	86726	19.612	ug/l	93
89) n-Butylbenzene	13.939	91	131553	19.451	ug/l	96
90) Hexachloroethane	14.204	117	34035	17.757	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	89942	20.068	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	15695	19.101	ug/l	82
93) 1,2,4-Trichlorobenzene	15.262	180	36302	19.093	ug/l	96
94) Hexachlorobutadiene	15.362	225	23864	19.871	ug/l	99
95) Naphthalene	15.504	128	103123	17.828	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	35859	19.111	ug/l	97

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ClientSampleId :
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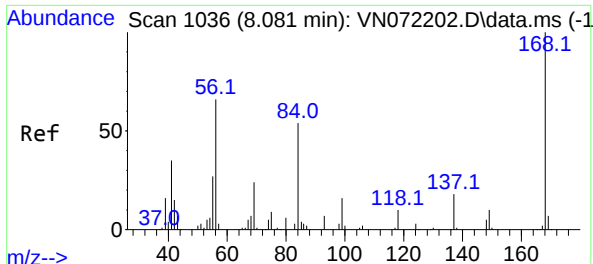
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/29/2022

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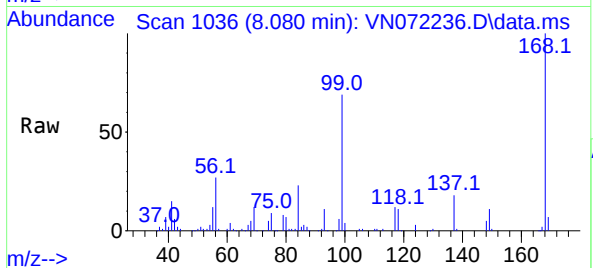
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072236.D
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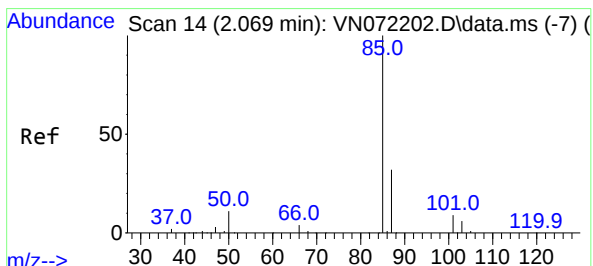
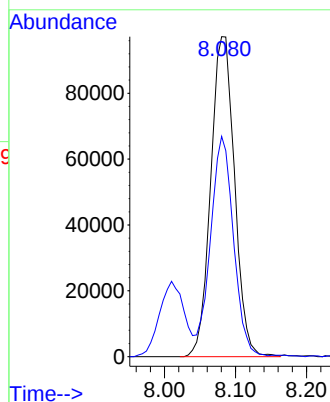
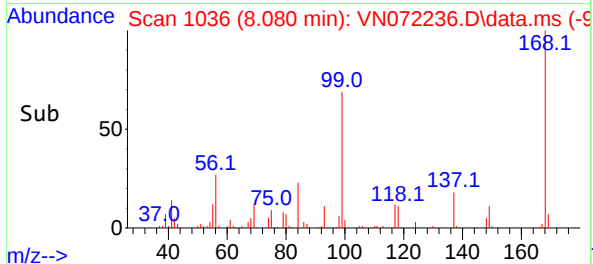
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion:168 Resp: 226133
Ion Ratio Lower Upper
168 100
99 68.4 42.3 63.5

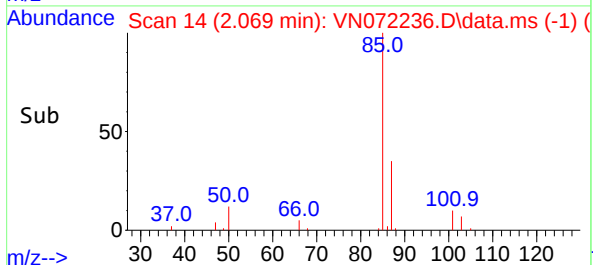
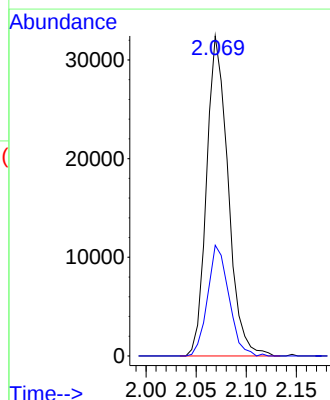
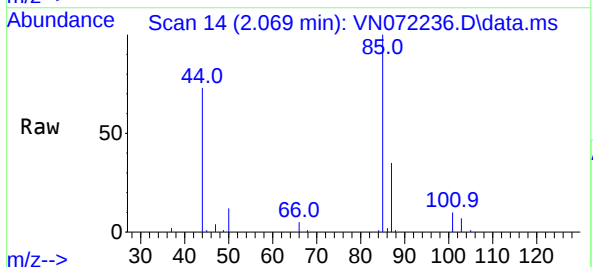
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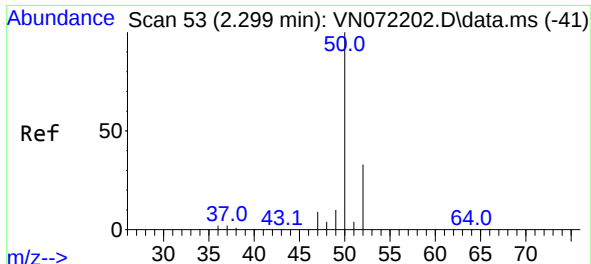
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#2
Dichlorodifluoromethane
Concen: 19.023 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

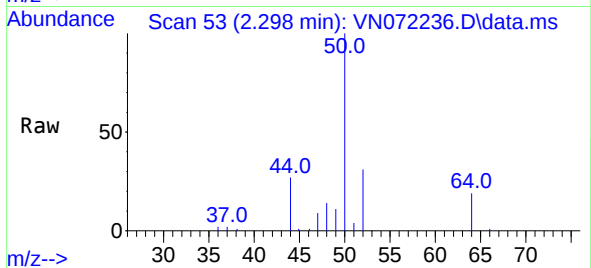
Tgt Ion: 85 Resp: 48482
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.1





#3
Chloromethane
Concen: 17.653 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

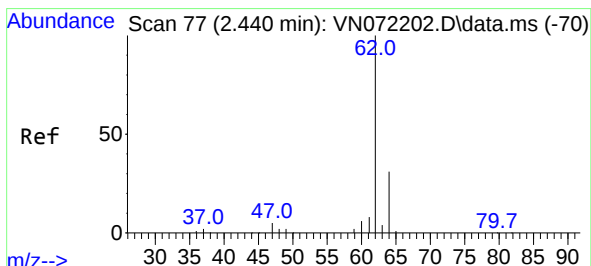
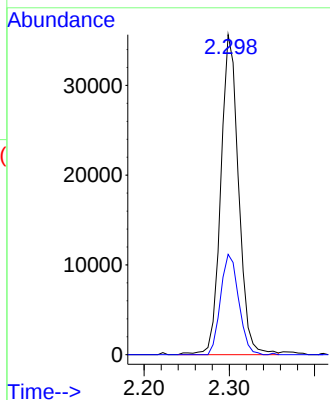
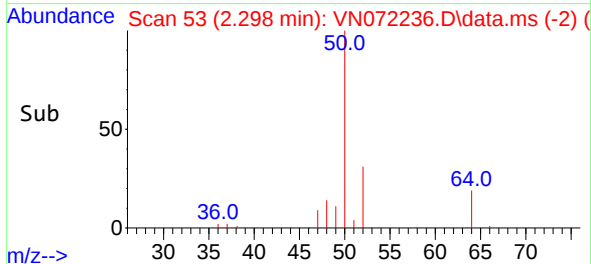
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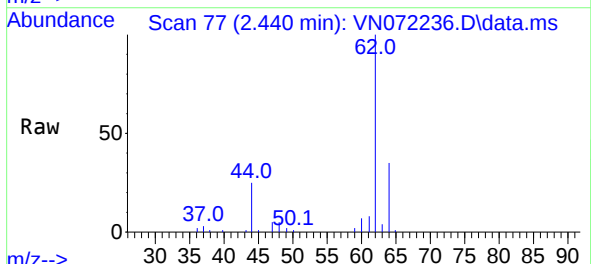
Tgt Ion: 50 Resp: 51690
Ion Ratio Lower Upper
50 100
52 31.4 25.7 38.5

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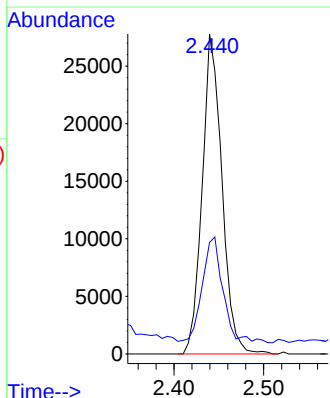
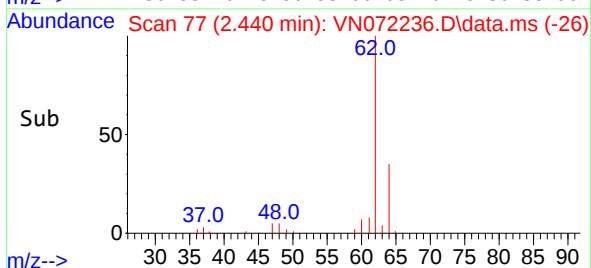
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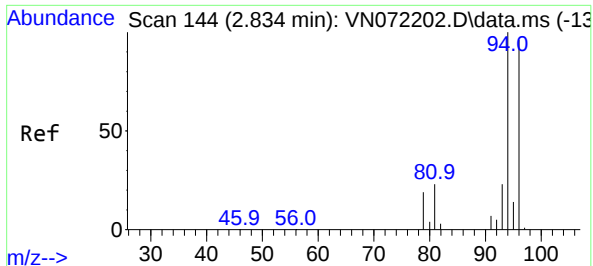


#4
Vinyl Chloride
Concen: 16.678 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



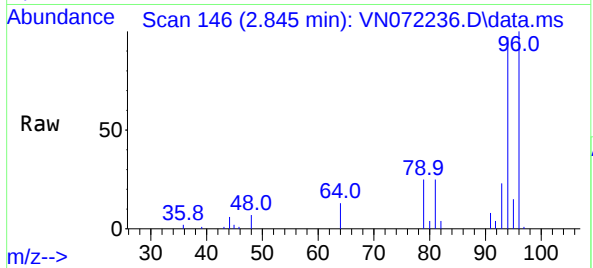
Tgt Ion: 62 Resp: 42455
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.4





#5
Bromomethane
Concen: 21.131 ug/l
RT: 2.845 min Scan# 144
Delta R.T. 0.011 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

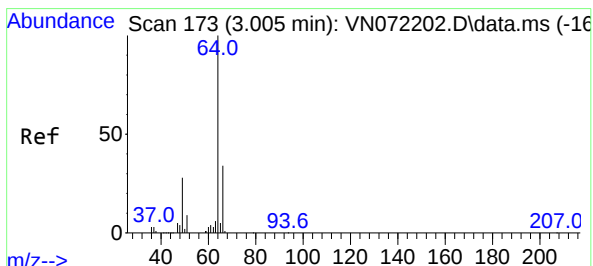
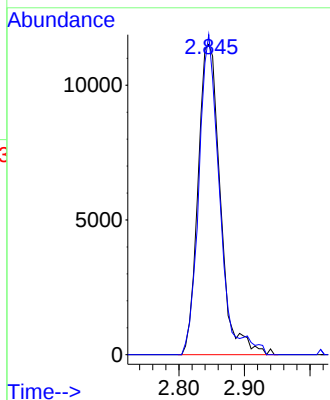
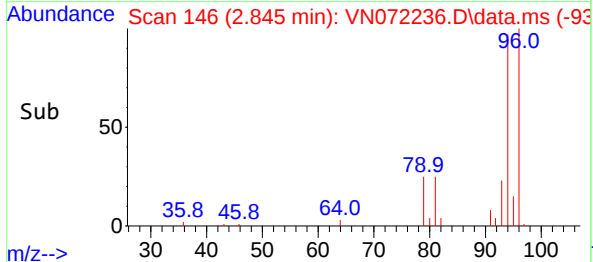
Instrument :
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Tgt Ion: 94 Resp: 27320
Ion Ratio Lower Upper
94 100
96 103.2 76.0 114.0

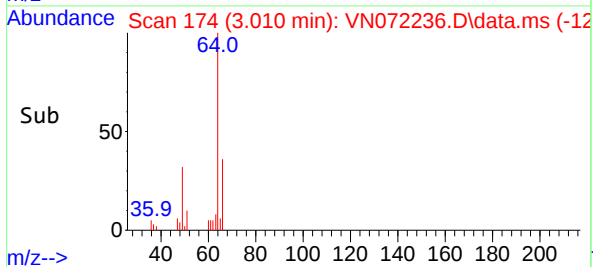
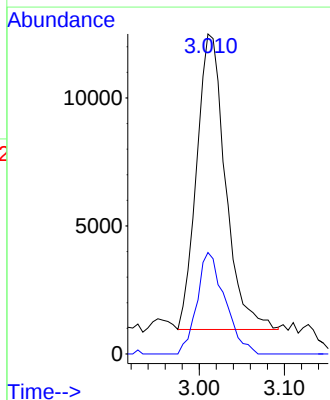
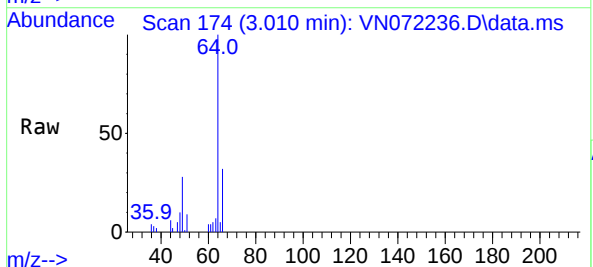
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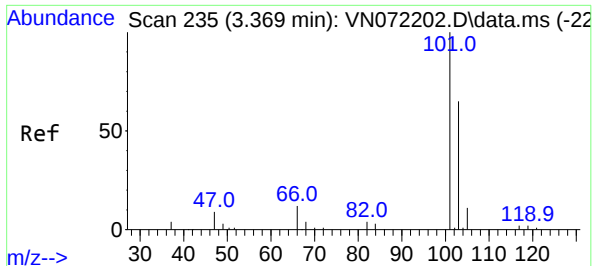
Reviewed By :John Carlone 04/29/2022
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#6
Chloroethane
Concen: 17.806 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.005 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Tgt Ion: 64 Resp: 27156
Ion Ratio Lower Upper
64 100
66 34.3 26.2 39.4





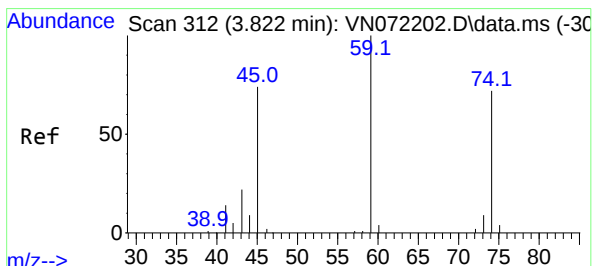
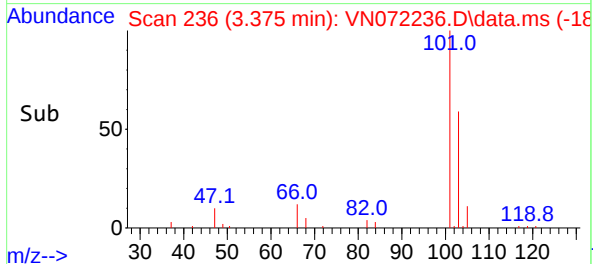
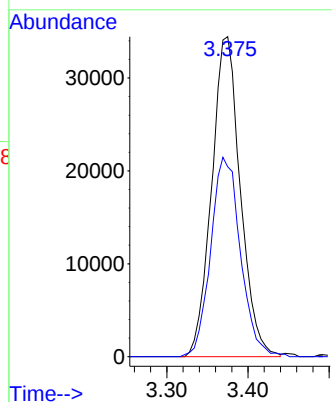
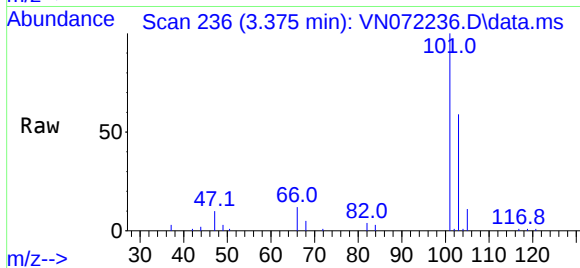
#7
Trichlorofluoromethane
Concen: 19.024 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:101 Resp: 8460
Ion Ratio Lower Upper
101 100
103 59.3 51.5 77.3

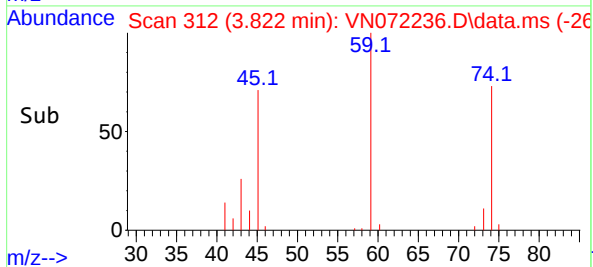
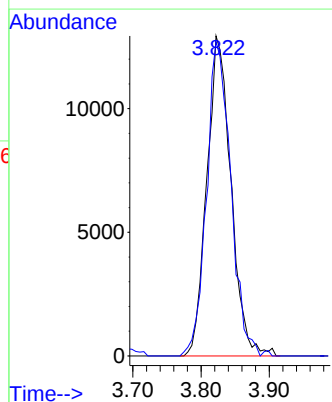
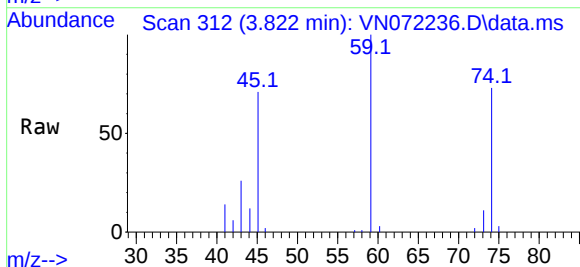
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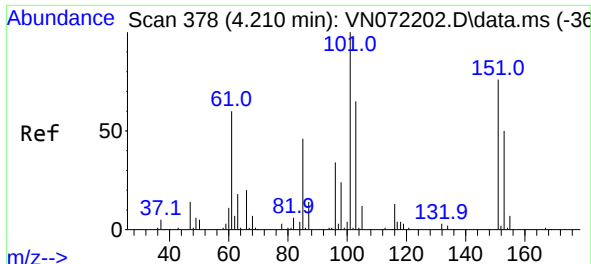
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#8
Diethyl Ether
Concen: 19.760 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Tgt Ion: 74 Resp: 31821
Ion Ratio Lower Upper
74 100
45 98.8 42.9 128.5





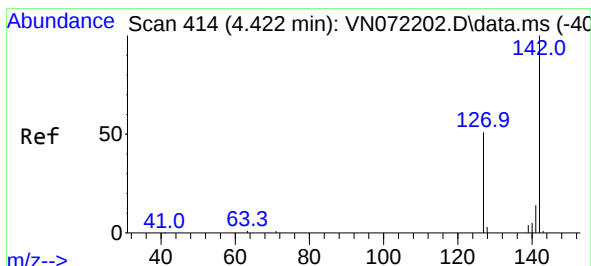
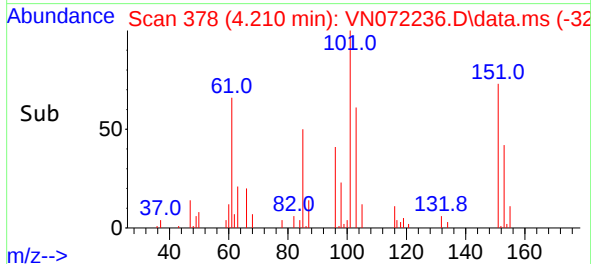
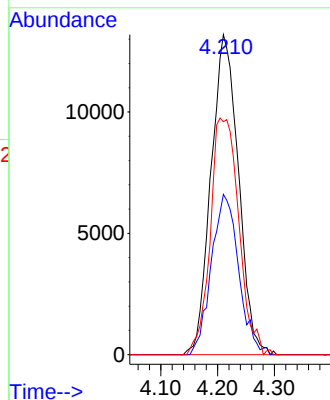
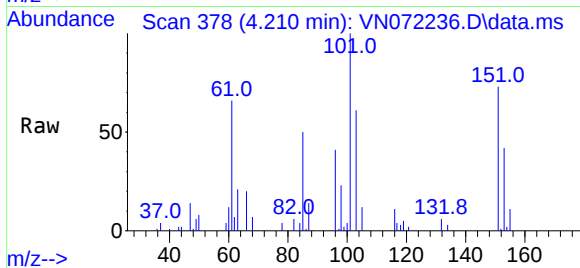
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.902 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:101 Resp: 4415
Ion Ratio Lower Upper
101 100
85 49.9 34.7 52.1
151 77.0 63.0 94.4

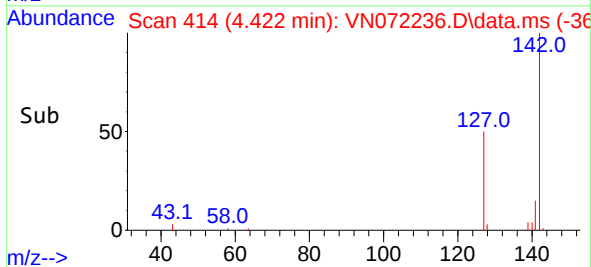
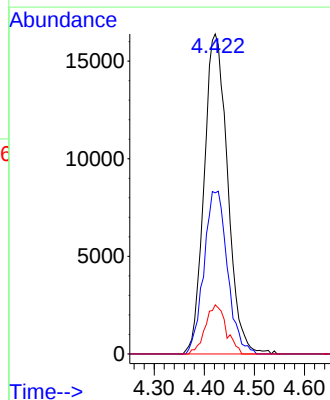
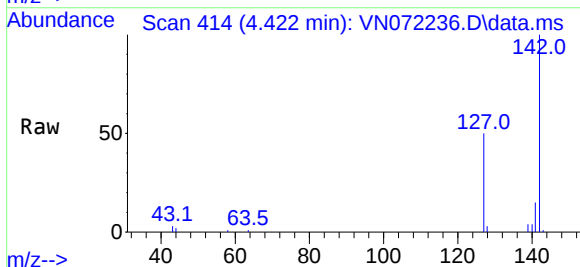
Manual Integrations
APPROVED

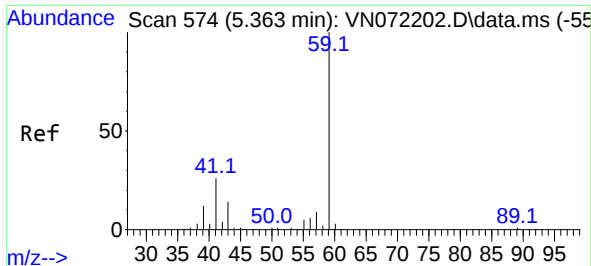
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#10
Methyl Iodide
Concen: 18.819 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

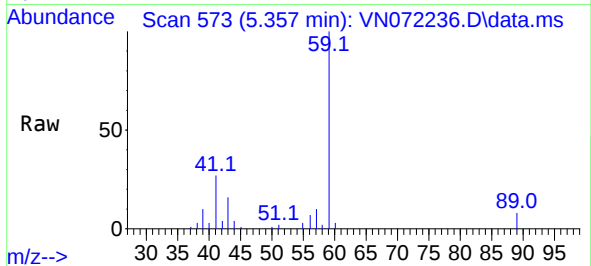
Tgt Ion:142 Resp: 53365
Ion Ratio Lower Upper
142 100
127 50.9 31.3 46.9#
141 13.6 11.2 16.8





#11
Tert butyl alcohol
Concen: 105.631 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

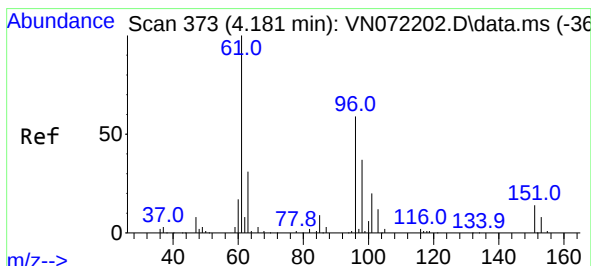
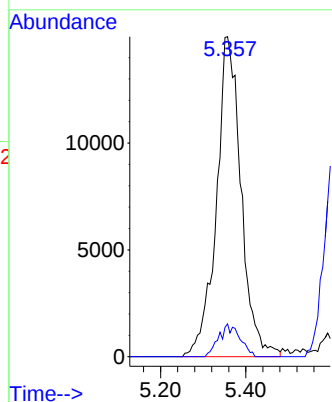
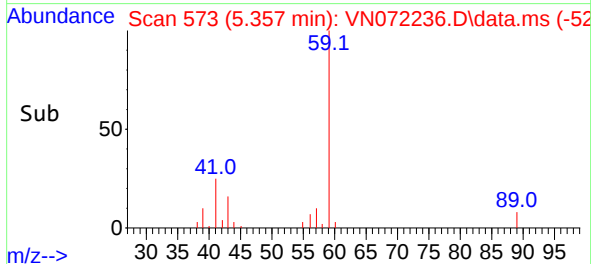
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



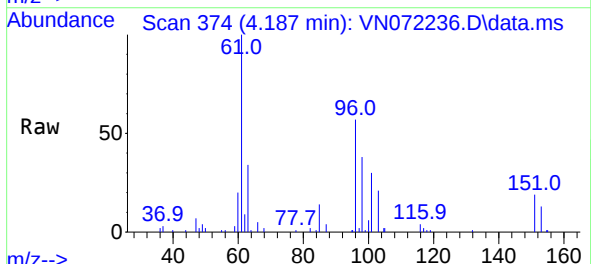
Tgt Ion: 59 Resp: 60264
Ion Ratio Lower Upper
59 100
57 8.7 8.3 12.5

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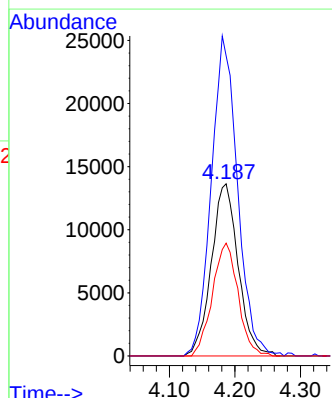
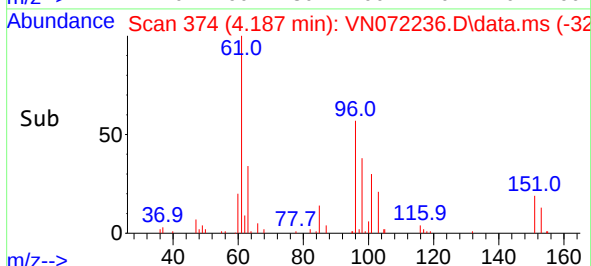
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

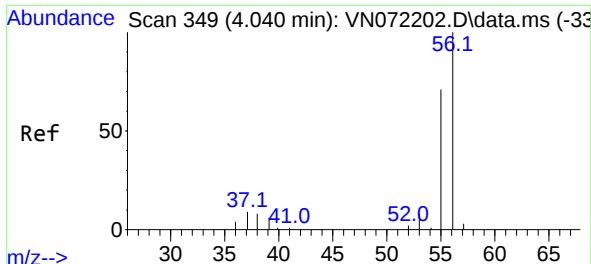


#12
1,1-Dichloroethene
Concen: 17.948 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



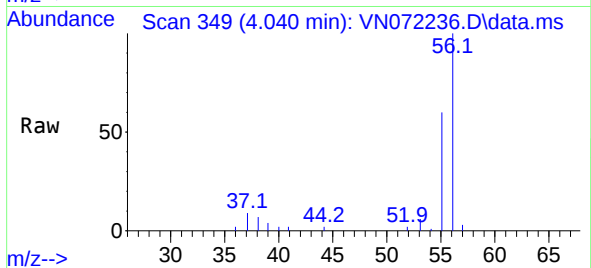
Tgt Ion: 96 Resp: 38763
Ion Ratio Lower Upper
96 100
61 174.3 127.6 191.4
98 65.5 51.2 76.8





#13
Acrolein
Concen: 81.541 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

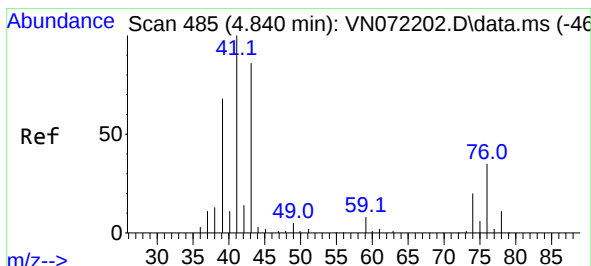
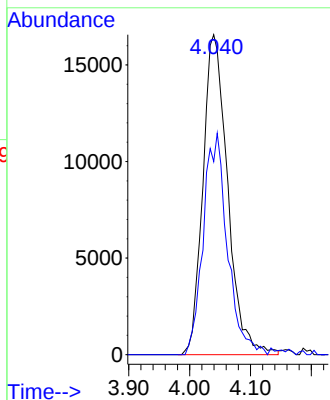
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



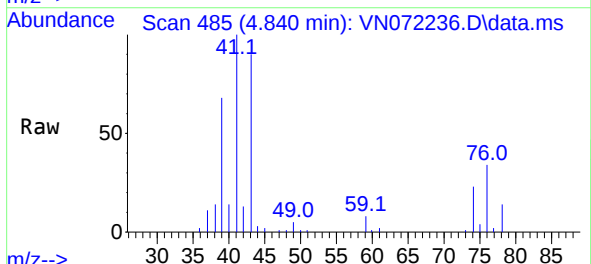
Tgt Ion: 56 Resp: 46810
Ion Ratio Lower Upper
56 100
55 67.3 54.8 82.2

Manual Integrations
APPROVED

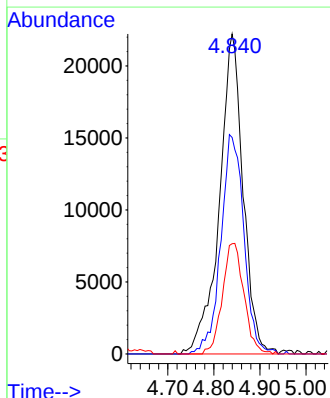
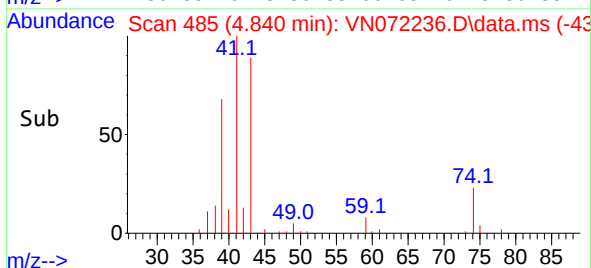
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

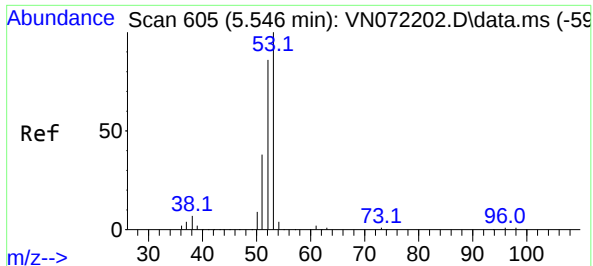


#14
Allyl chloride
Concen: 17.713 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



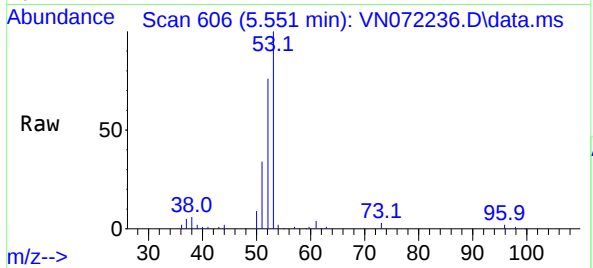
Tgt Ion: 41 Resp: 79432
Ion Ratio Lower Upper
41 100
39 66.6 53.2 79.8
76 31.4 29.9 44.9





#15
Acrylonitrile
Concen: 95.328 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

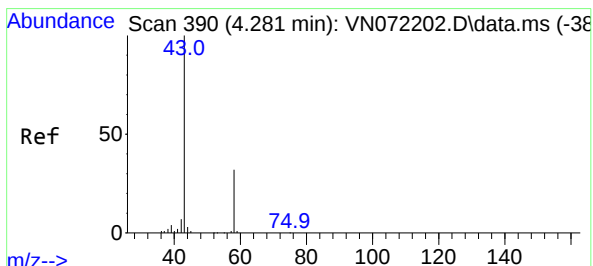
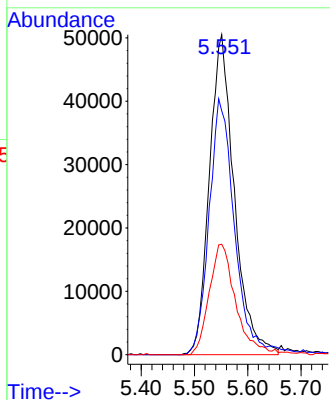
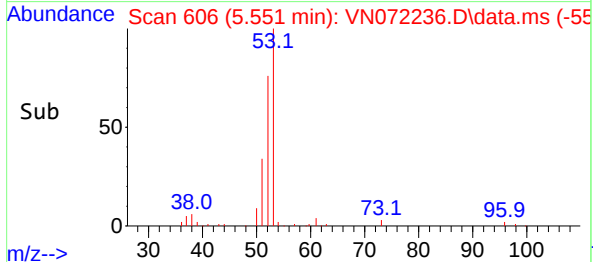
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 53 Resp: 164118
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 37.0 28.5 42.7

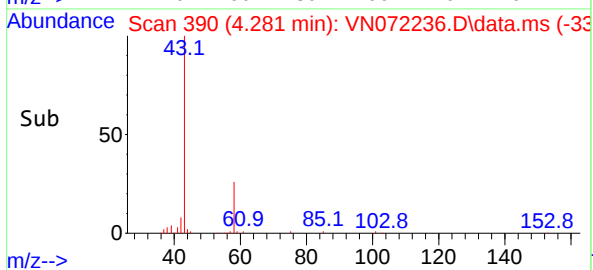
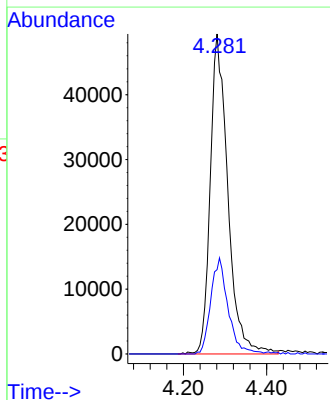
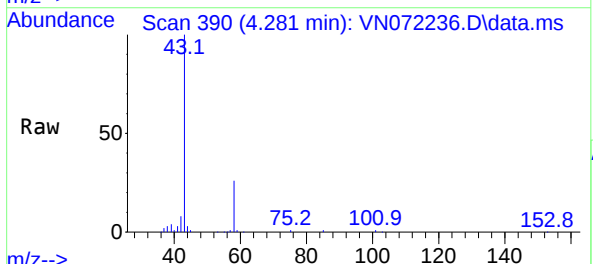
Manual Integrations
APPROVED

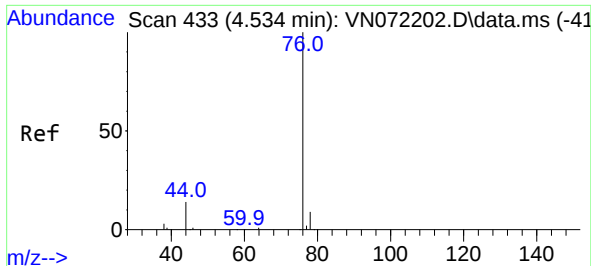
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#16
Acetone
Concen: 96.552 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

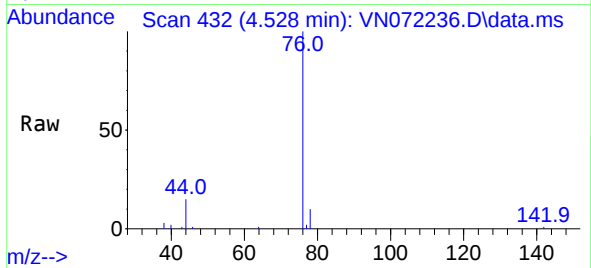
Tgt Ion: 43 Resp: 144516
Ion Ratio Lower Upper
43 100
58 26.4 26.0 39.0





#17
Carbon Disulfide
Concen: 17.603 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

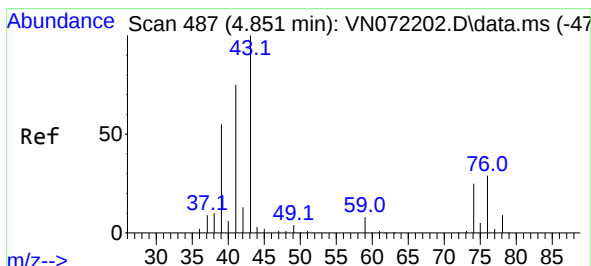
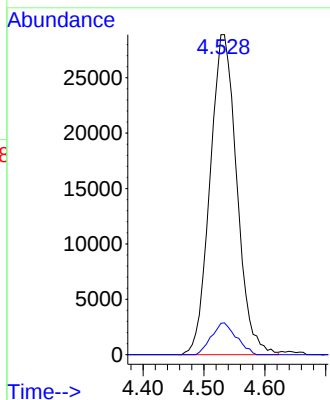
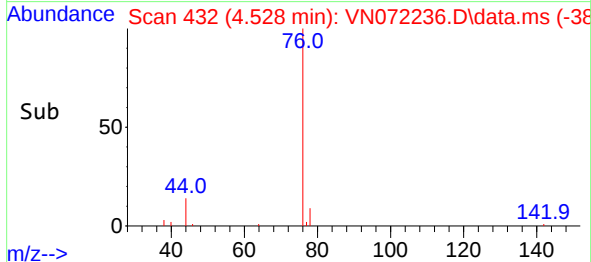
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 76 Resp: 88240
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

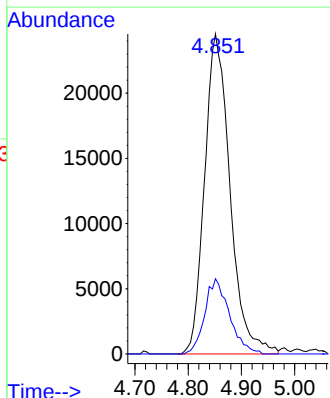
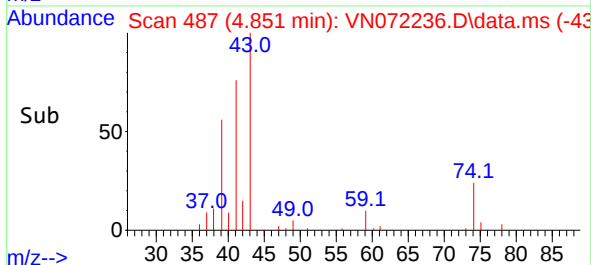
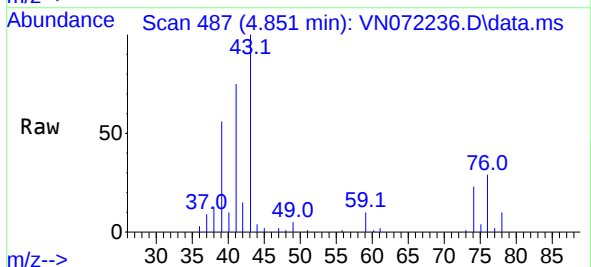
Manual Integrations
APPROVED

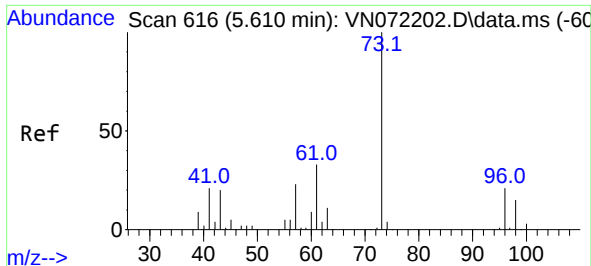
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#18
Methyl Acetate
Concen: 19.463 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

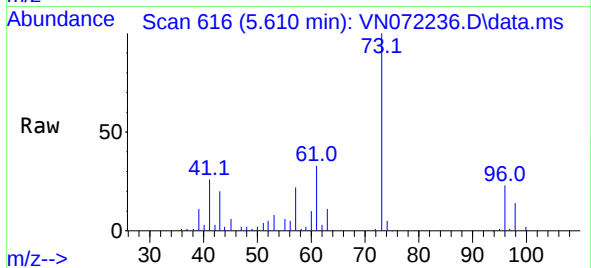
Tgt Ion: 43 Resp: 81539
Ion Ratio Lower Upper
43 100
74 22.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 20.876 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

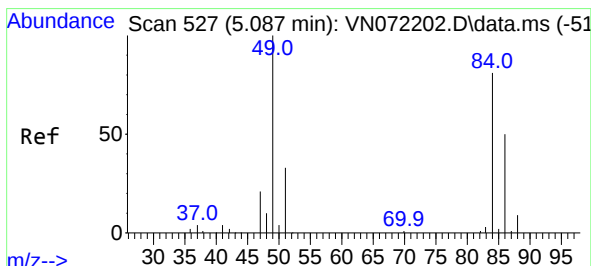
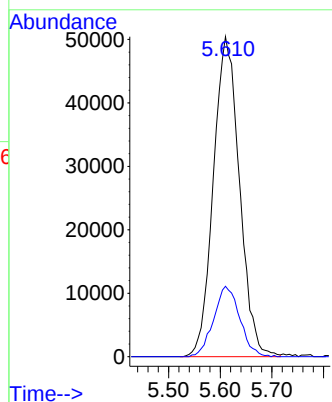
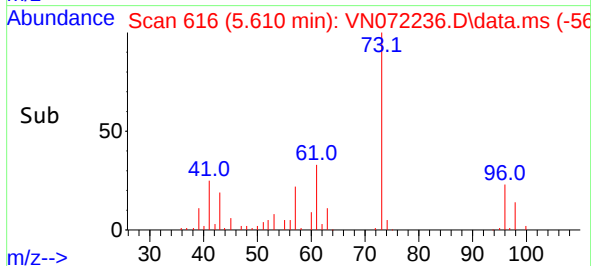
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



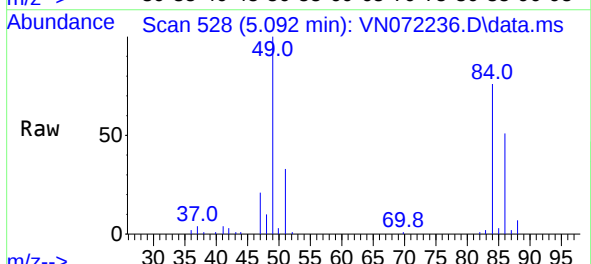
Tgt Ion: 73 Resp: 17673
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

Manual Integrations
APPROVED

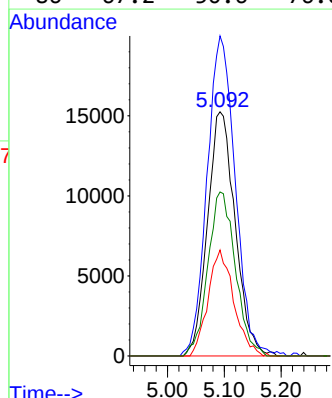
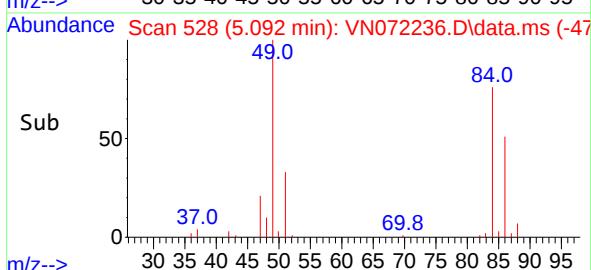
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

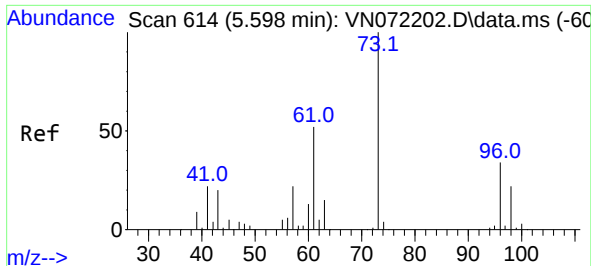


#20
Methylene Chloride
Concen: 17.978 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



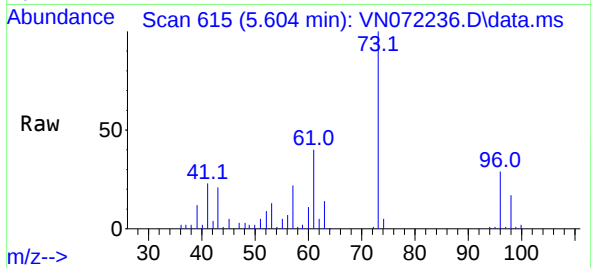
Tgt Ion: 84 Resp: 51579
Ion Ratio Lower Upper
84 100
49 131.0 88.3 132.5
51 43.4 28.2 42.2#
86 67.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.523 ug/l
RT: 5.604 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

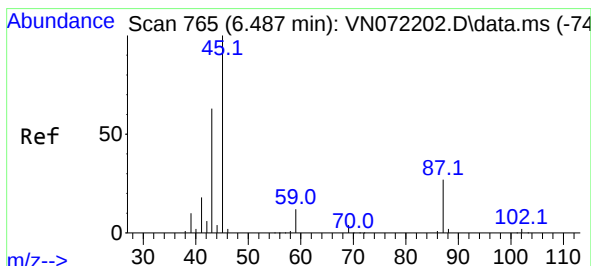
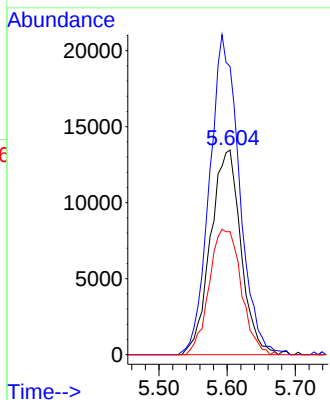
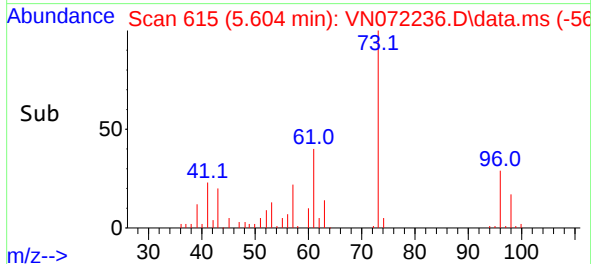
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



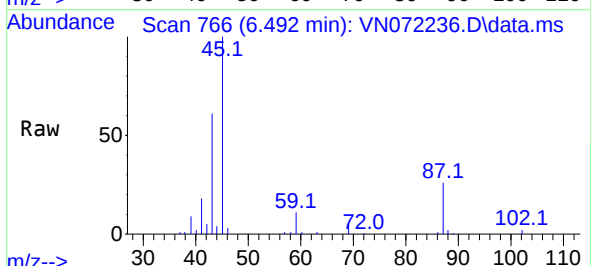
Tgt Ion: 96 Resp: 4173
Ion Ratio Lower Upper
96 100
61 140.8 105.8 158.8
98 60.1 50.3 75.5

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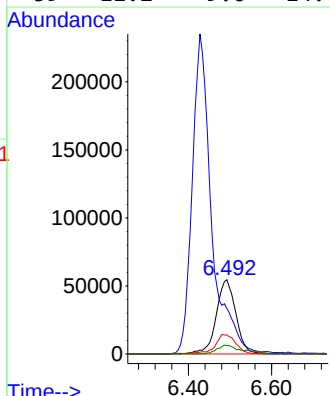
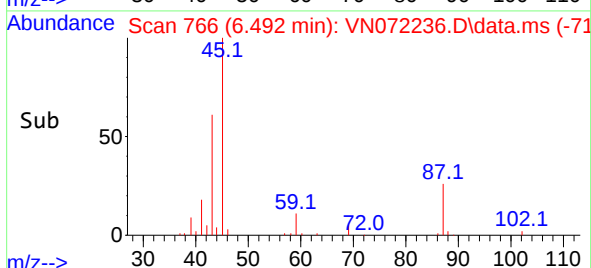
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

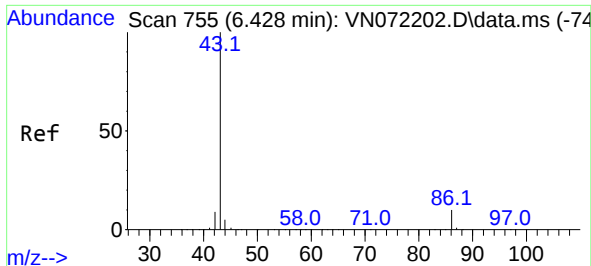


#22
Diisopropyl ether
Concen: 19.340 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



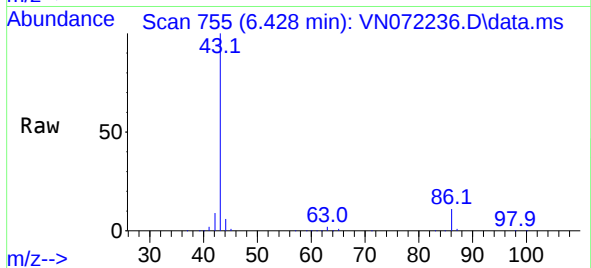
Tgt Ion: 45 Resp: 178636
Ion Ratio Lower Upper
45 100
43 59.5 46.6 70.0
87 25.8 24.3 36.5
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 97.765 ug/l
 RT: 6.428 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VN072236.D
 Acq: 28 Apr 2022 14:29

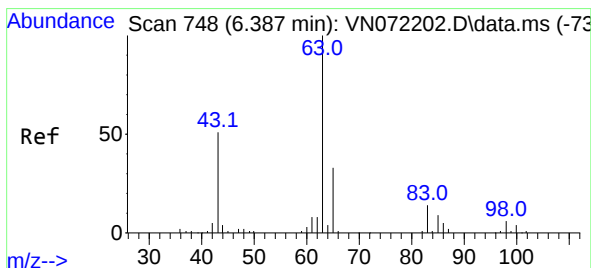
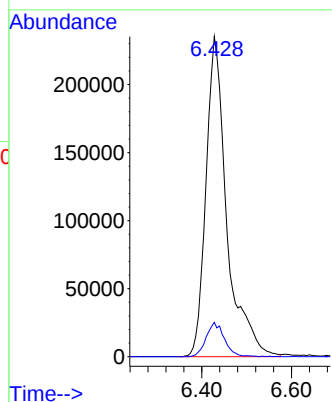
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBSD01



Tgt Ion: 43 Resp: 75840
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.0 15.0

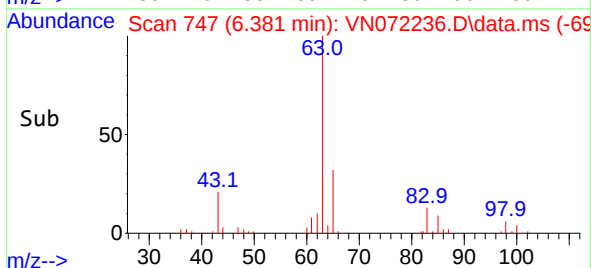
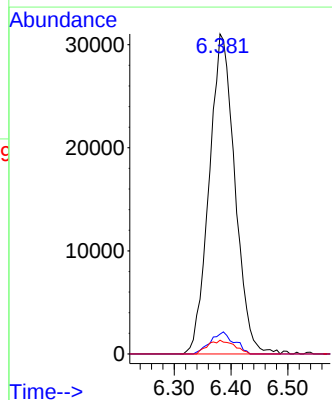
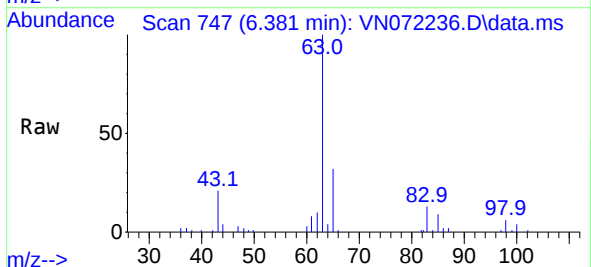
Manual Integrations
 APPROVED

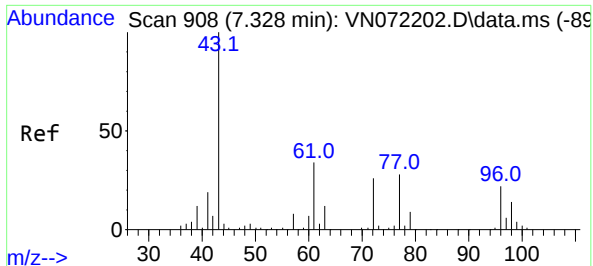
Reviewed By :John Carlone 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022



#24
 1,1-Dichloroethane
 Concen: 18.871 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072236.D
 Acq: 28 Apr 2022 14:29

Tgt Ion: 63 Resp: 97499
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 91.262 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072236.D

Acq: 28 Apr 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01

Tgt Ion: 43 Resp: 21754

Ion Ratio Lower Upper

43 100

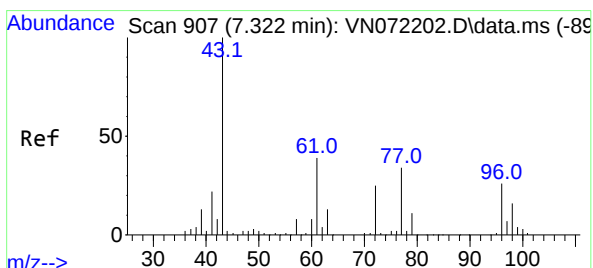
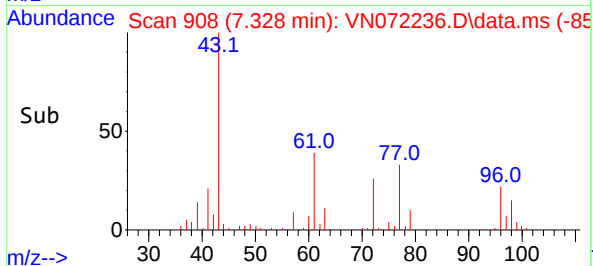
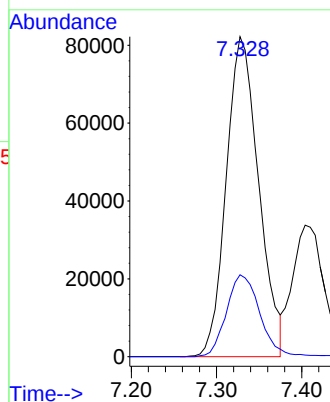
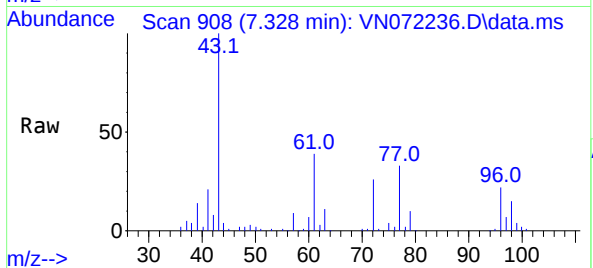
72 25.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#26

2,2-Dichloropropane

Concen: 20.286 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072236.D

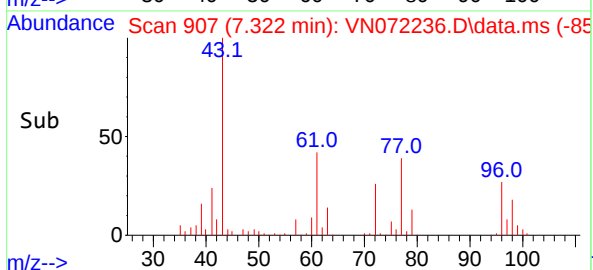
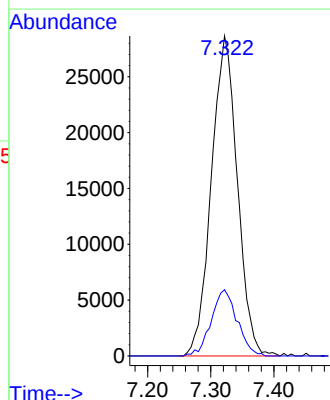
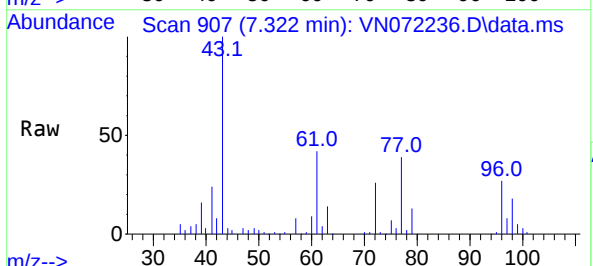
Acq: 28 Apr 2022 14:29

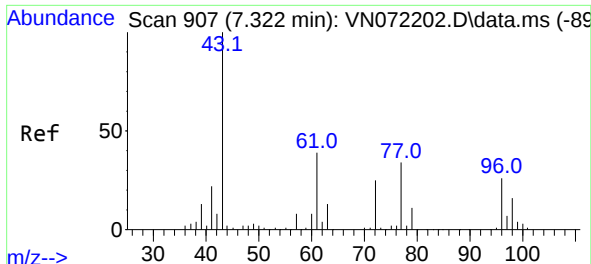
Tgt Ion: 77 Resp: 81872

Ion Ratio Lower Upper

77 100

97 20.7 11.4 34.2





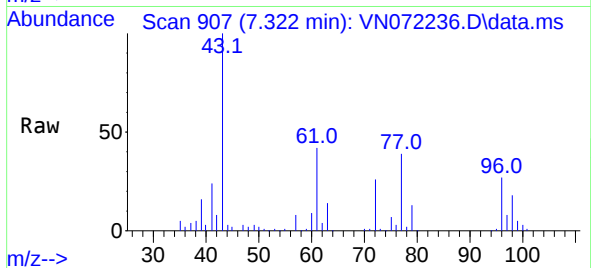
#27
cis-1,2-Dichloroethene
Concen: 18.805 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01



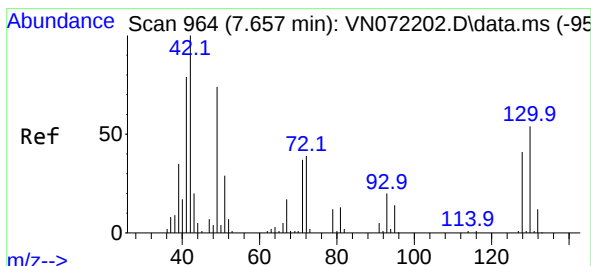
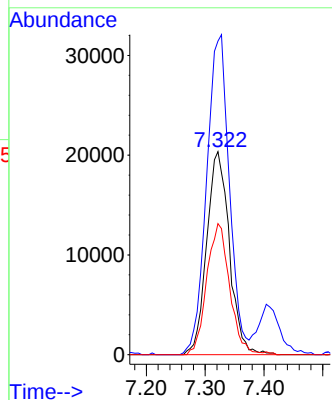
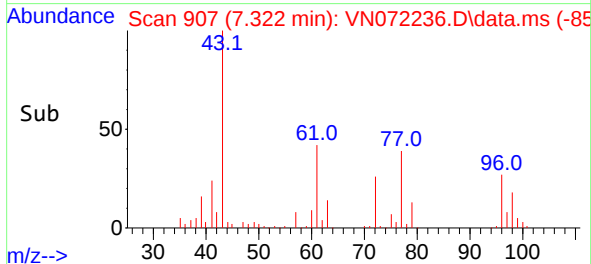
Tgt Ion: 96 Resp: 54599
Ion Ratio Lower Upper
96 100
61 157.9 0.0 280.6
98 65.0 0.0 128.4

Manual Integrations

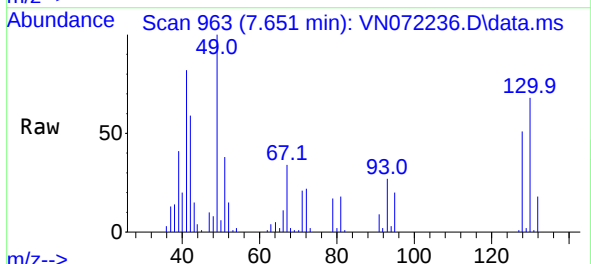
APPROVED

Reviewed By :John Carlone 04/29/2022

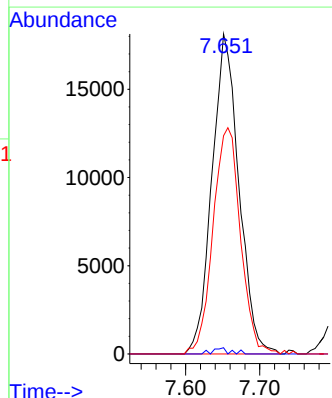
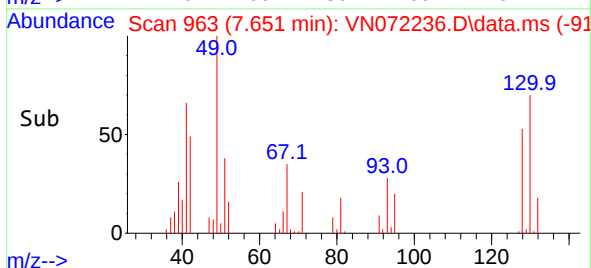
Supervised By :Mahesh Dadoda 04/29/2022

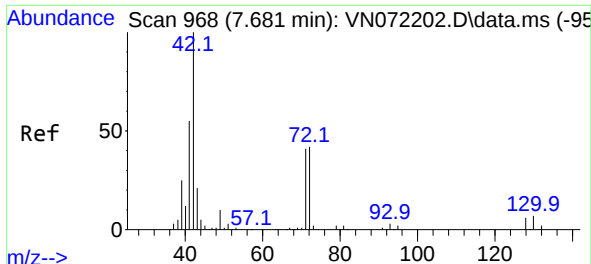


#28
Bromochloromethane
Concen: 19.807 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



Tgt Ion: 49 Resp: 45824
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.6
130 71.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 92.411 ug/l

RT: 7.680 min Scan# 90

Delta R.T. -0.001 min

Lab File: VN072236.D

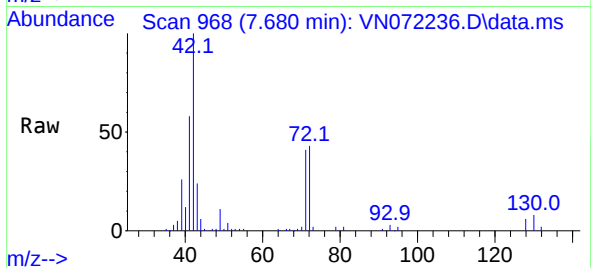
Acq: 28 Apr 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01



Tgt Ion: 42 Resp: 144564

Ion Ratio Lower Upper

42 100

72 43.7 39.7 59.5

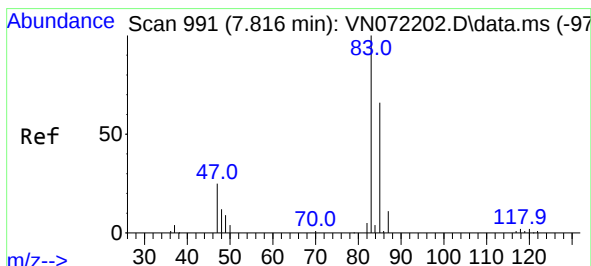
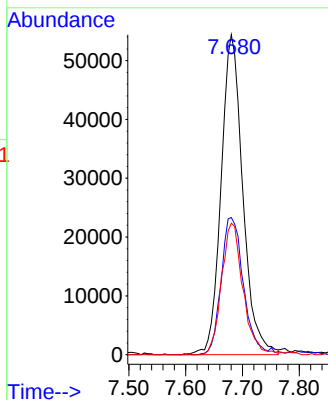
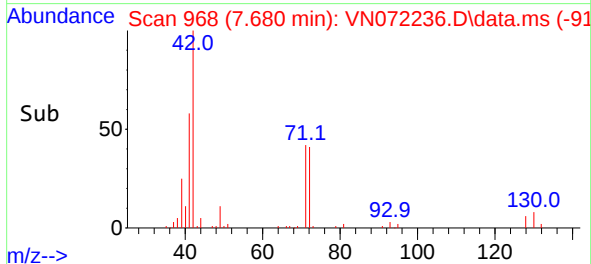
71 40.5 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#30

Chloroform

Concen: 19.817 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072236.D

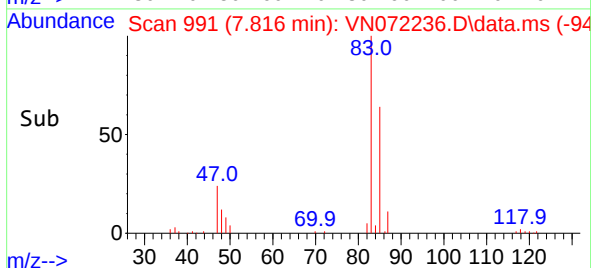
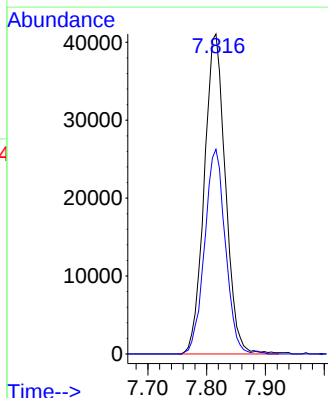
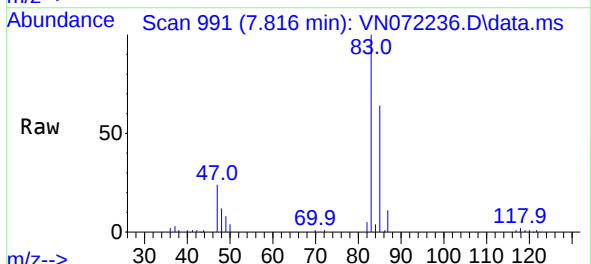
Acq: 28 Apr 2022 14:29

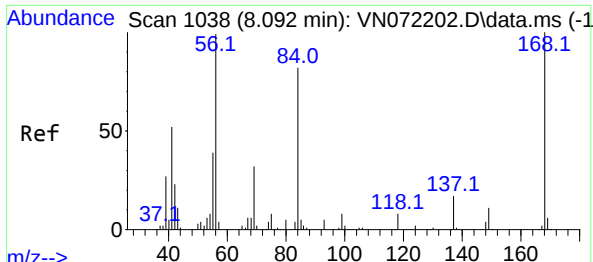
Tgt Ion: 83 Resp: 102800

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.8





#31

Cyclohexane

Concen: 17.929 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072236.D

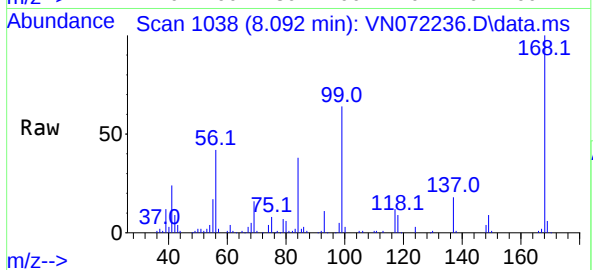
Acq: 28 Apr 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01



Tgt Ion: 56 Resp: 8316

Ion Ratio Lower Upper

56 100

69 38.9 27.8 41.8

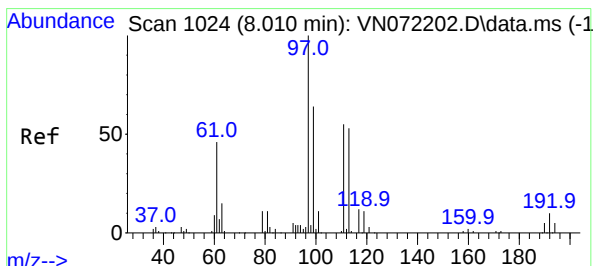
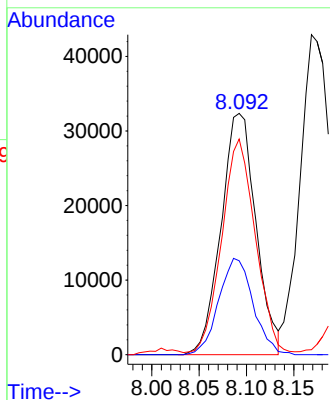
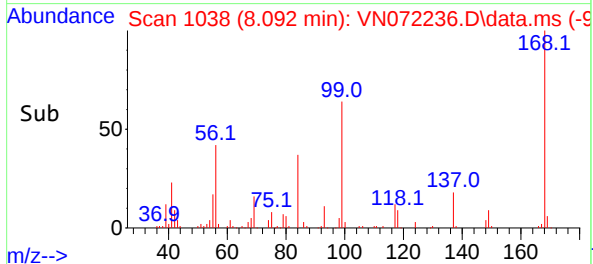
84 87.8 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#32

1,1,1-Trichloroethane

Concen: 20.286 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN072236.D

Acq: 28 Apr 2022 14:29

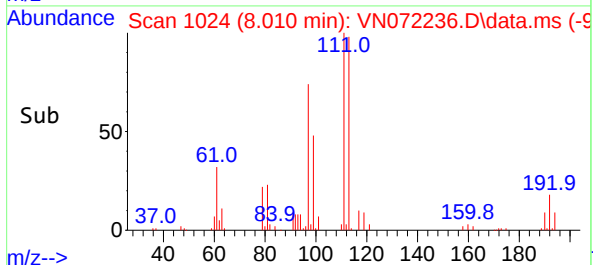
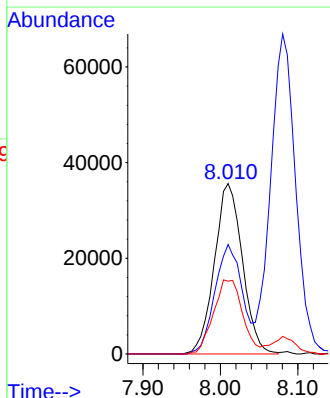
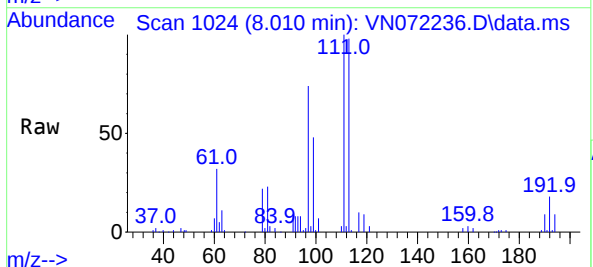
Tgt Ion: 97 Resp: 89553

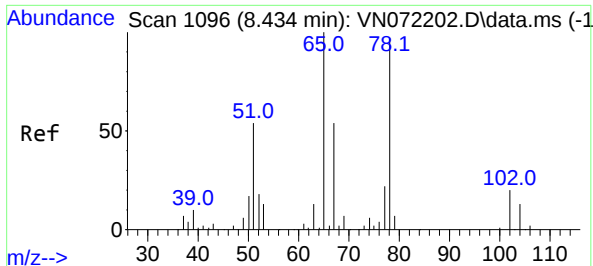
Ion Ratio Lower Upper

97 100

99 62.0 50.6 76.0

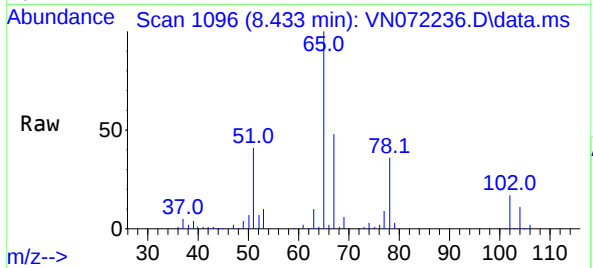
61 45.1 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 53.088 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

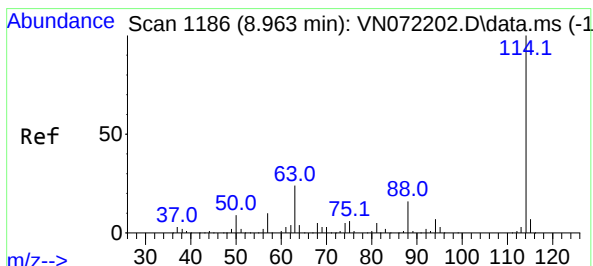
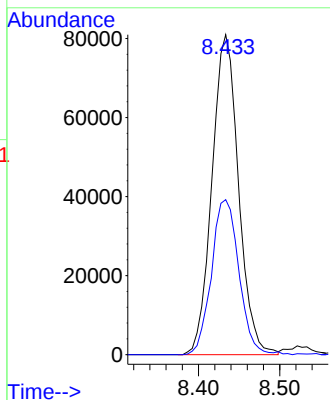
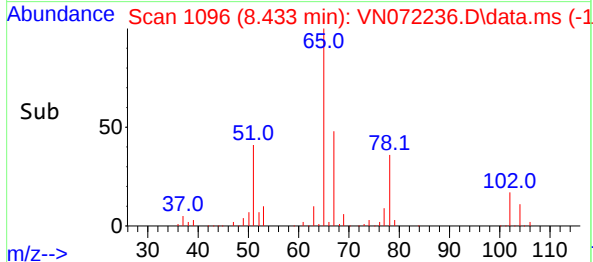
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



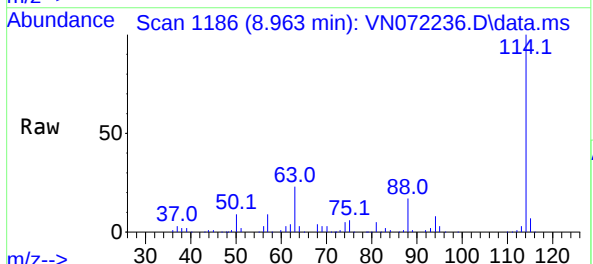
Tgt Ion: 65 Resp: 184304
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.8

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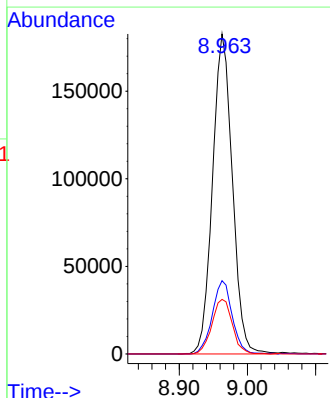
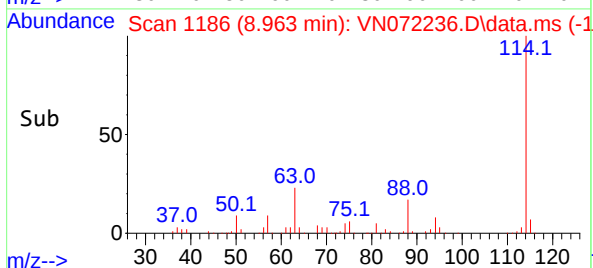
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

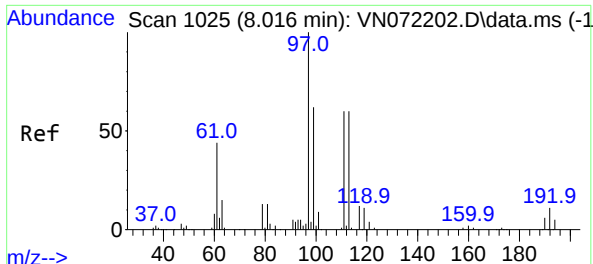


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



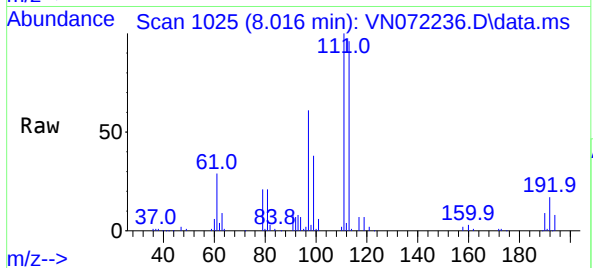
Tgt Ion:114 Resp: 369722
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.0
88 17.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.087 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

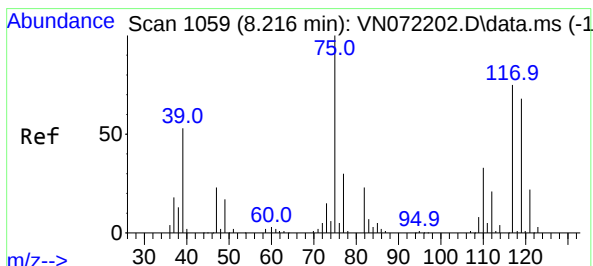
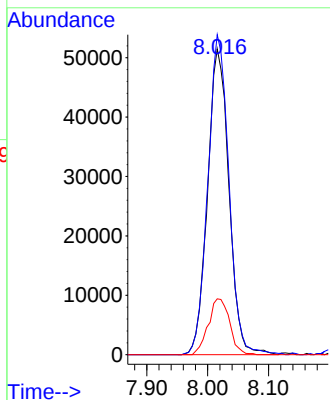
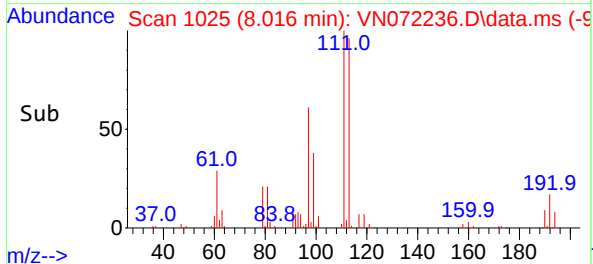
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



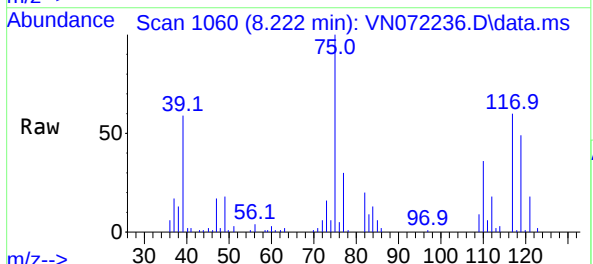
Tgt Ion: 113 Resp: 125620
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.2 17.0 25.6

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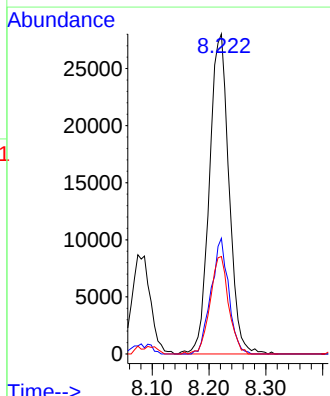
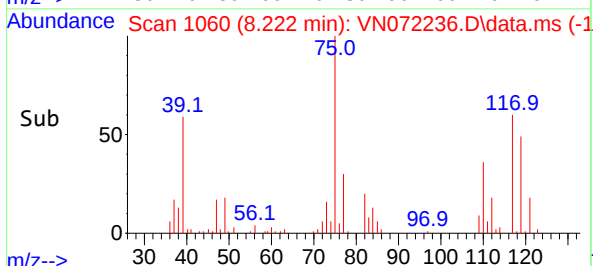
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

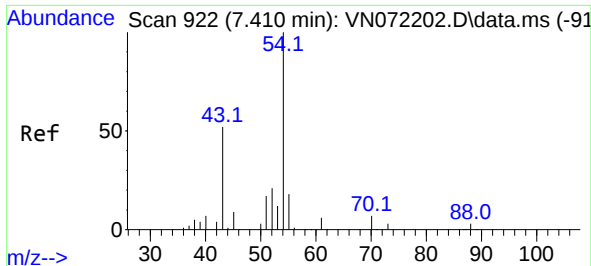


#36
1,1-Dichloropropene
Concen: 19.485 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



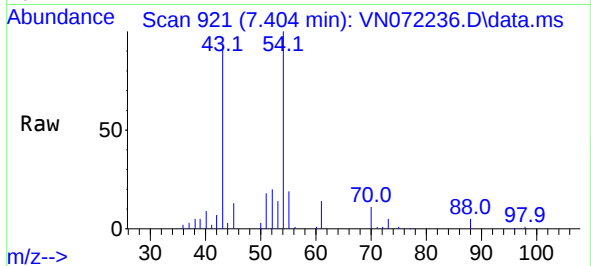
Tgt Ion: 75 Resp: 67116
Ion Ratio Lower Upper
75 100
110 32.4 18.3 54.8
77 28.9 25.1 37.7





#37
Ethyl Acetate
Concen: 19.584 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

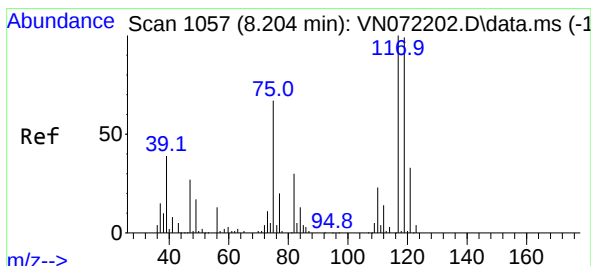
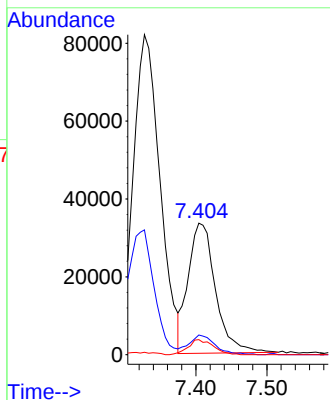
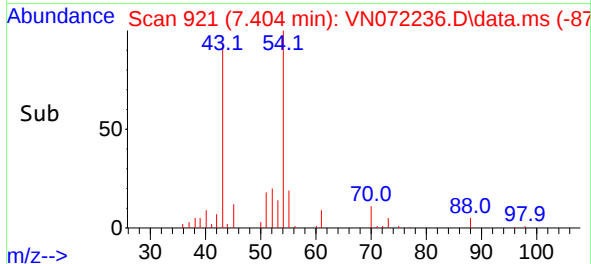
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 43 Resp: 89584
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 10.5 9.3 13.9

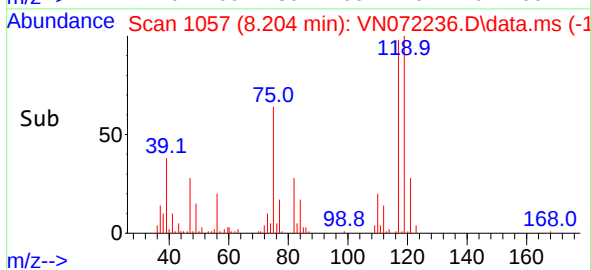
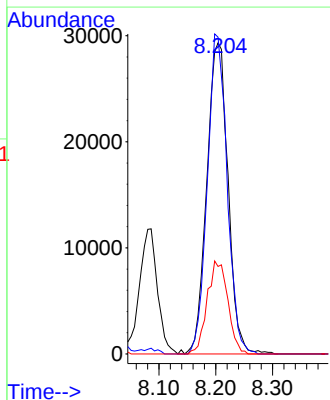
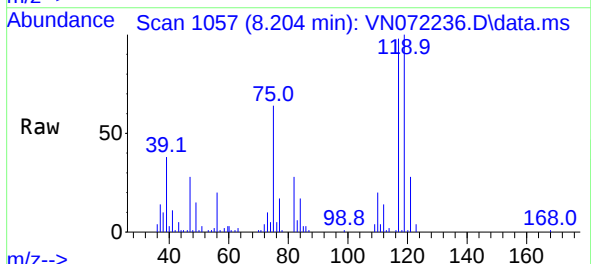
Manual Integrations
APPROVED

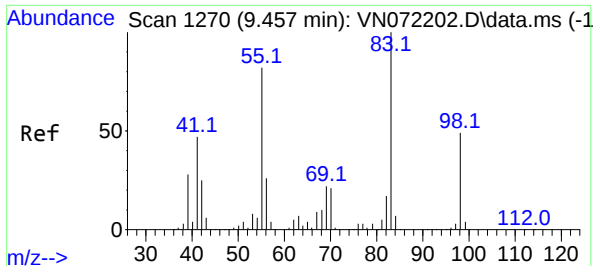
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#38
Carbon Tetrachloride
Concen: 20.655 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Tgt Ion:117 Resp: 76198
Ion Ratio Lower Upper
117 100
119 101.8 75.8 113.8
121 28.1 24.6 37.0





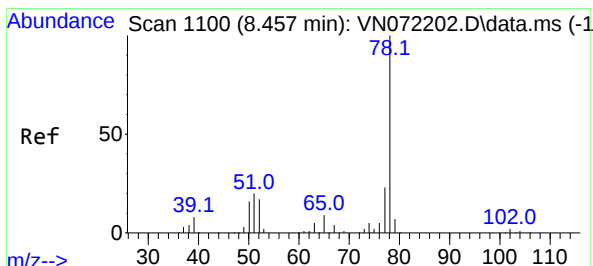
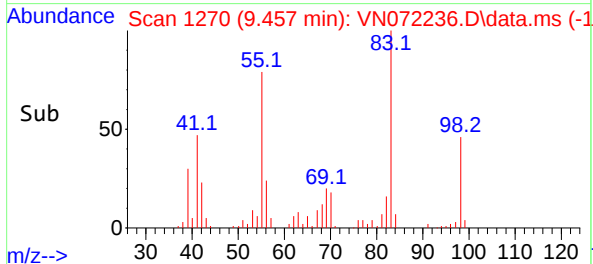
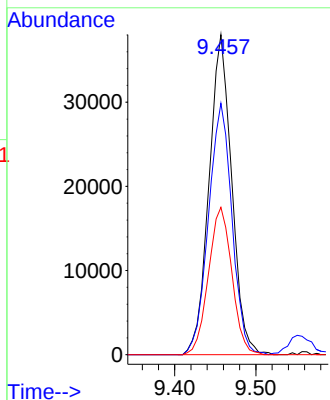
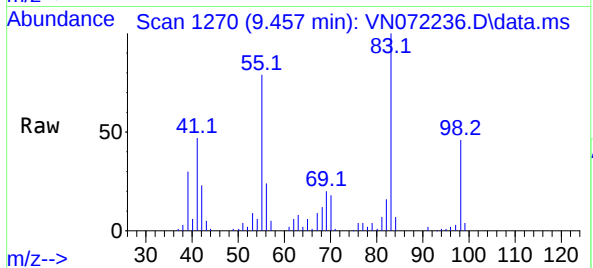
#39
Methylcyclohexane
Concen: 19.157 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion: 83 Resp: 7380
Ion Ratio Lower Upper
83 100
55 78.6 57.8 86.8
98 46.0 39.4 59.2

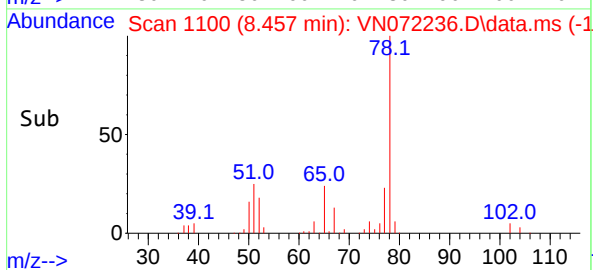
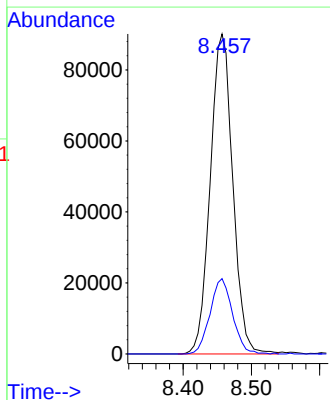
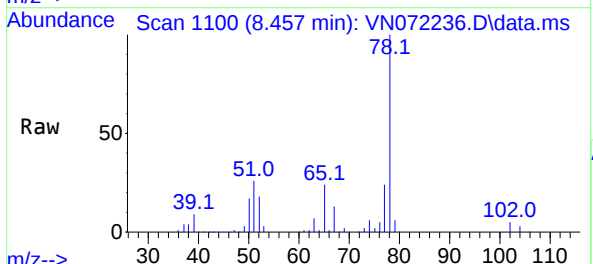
Manual Integrations
APPROVED

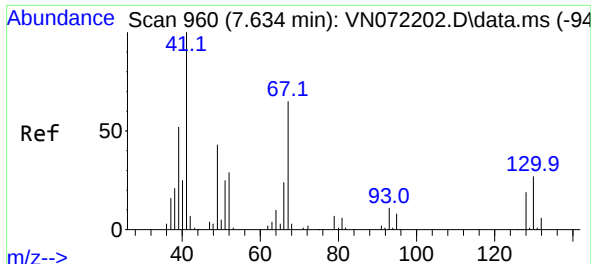
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#40
Benzene
Concen: 19.395 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

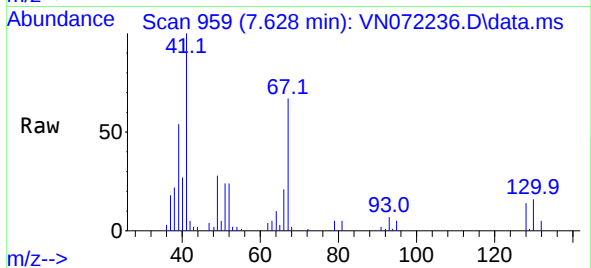
Tgt Ion: 78 Resp: 207220
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 20.342 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

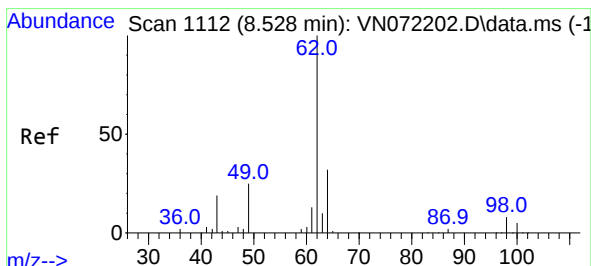
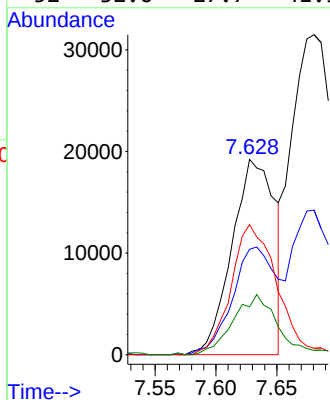
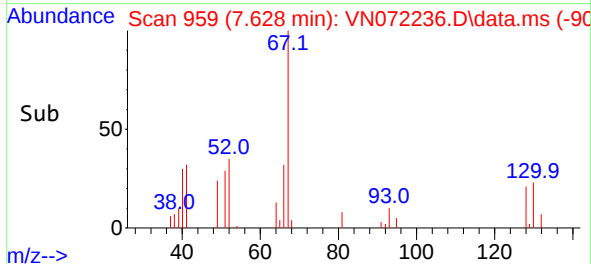
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



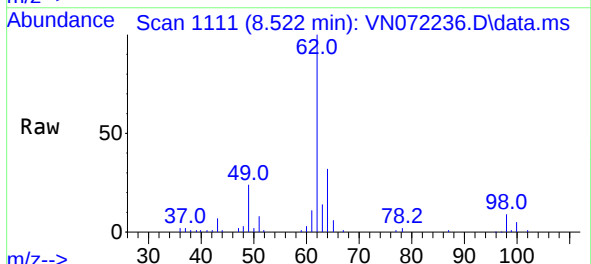
Tgt Ion: 41 Resp: 47073
Ion Ratio Lower Upper
41 100
39 59.6 48.6 73.0
67 71.5 73.4 110.2
52 32.6 27.7 41.5

Manual Integrations
APPROVED

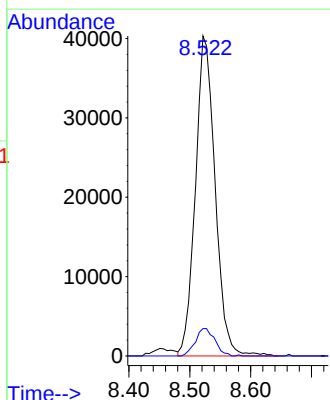
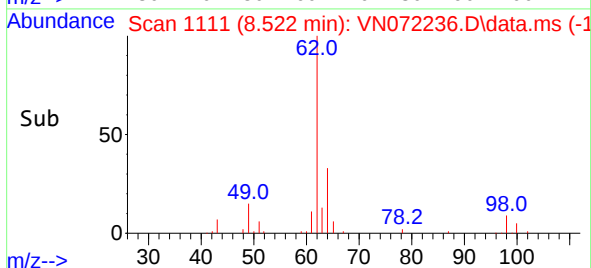
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

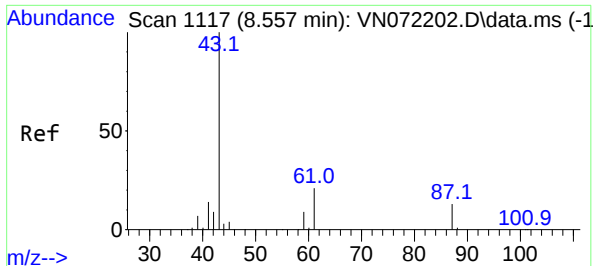


#42
1,2-Dichloroethane
Concen: 22.145 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



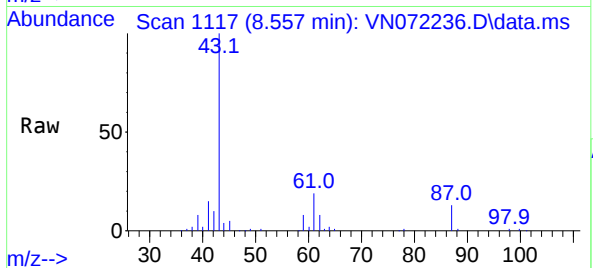
Tgt Ion: 62 Resp: 90582
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.653 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

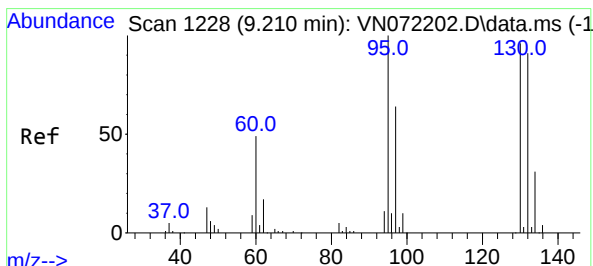
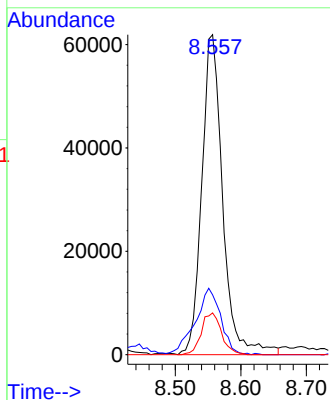
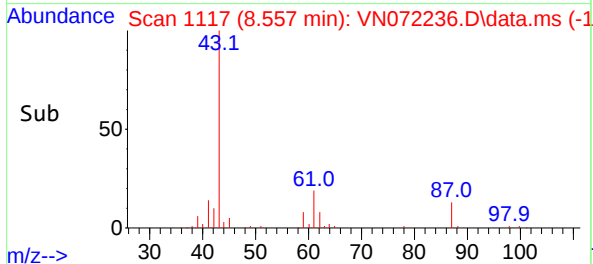
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



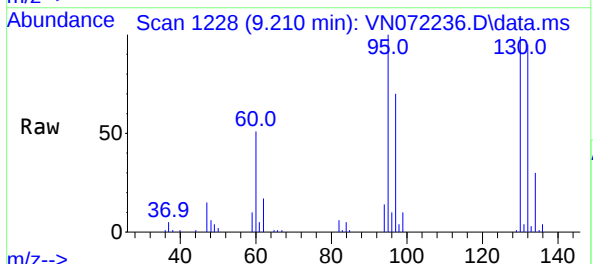
Tgt Ion: 43 Resp: 137600
Ion Ratio Lower Upper
43 100
61 25.3 21.9 32.9
87 12.6 12.0 18.0

Manual Integrations
APPROVED

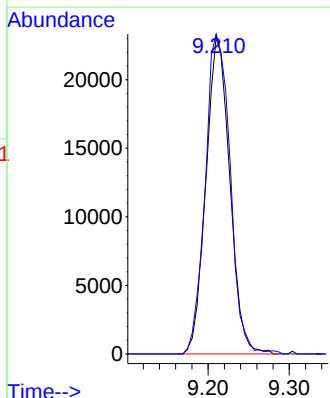
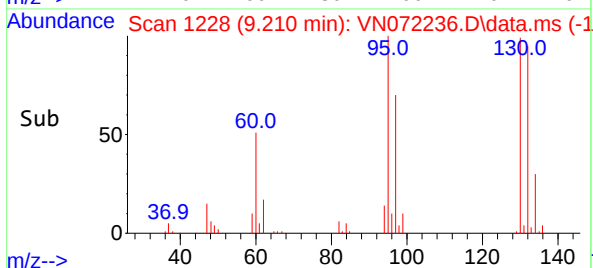
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

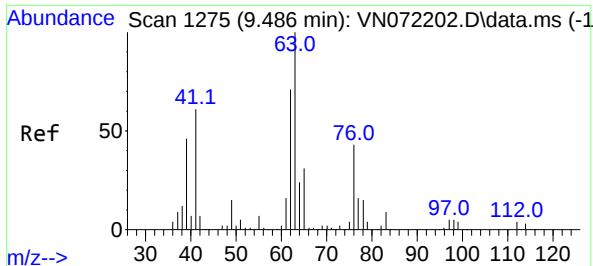


#44
Trichloroethene
Concen: 19.019 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



Tgt Ion:130 Resp: 47269
Ion Ratio Lower Upper
130 100
95 101.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.383 ug/l

RT: 9.480 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN072236.D

Acq: 28 Apr 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01

Tgt Ion: 63 Resp: 5595

Ion Ratio Lower Upper

63 100

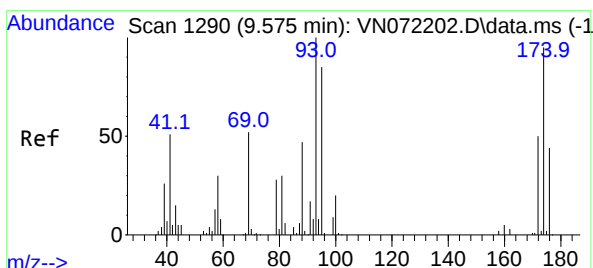
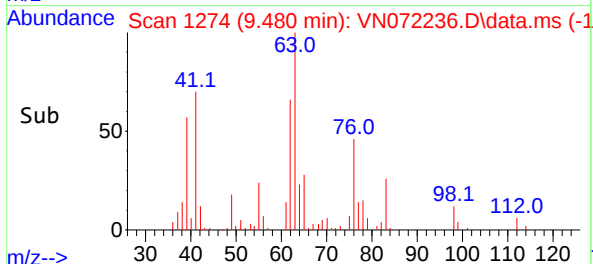
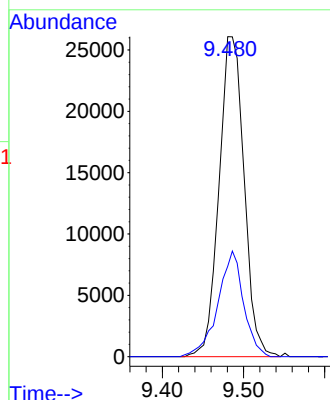
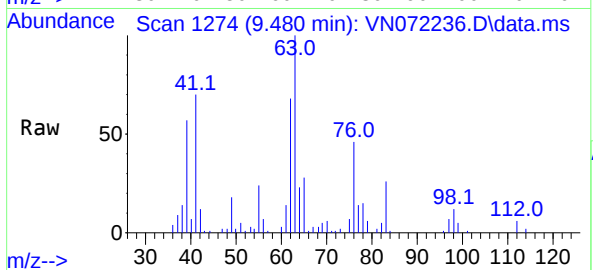
65 28.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#46

Dibromomethane

Concen: 21.193 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.001 min

Lab File: VN072236.D

Acq: 28 Apr 2022 14:29

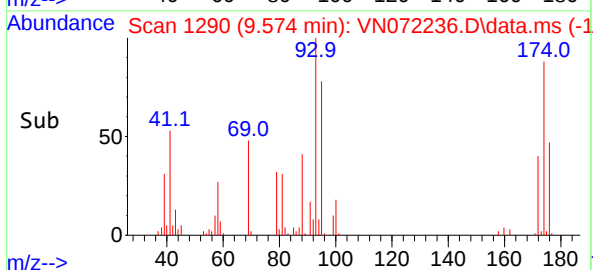
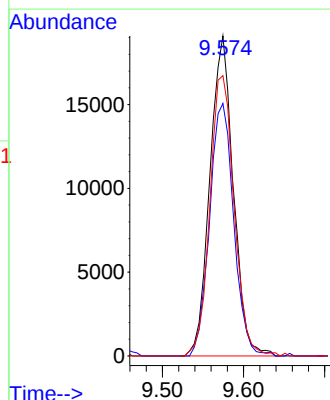
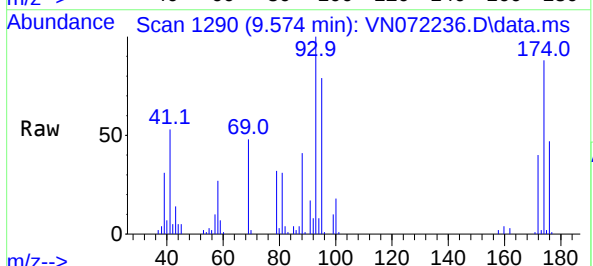
Tgt Ion: 93 Resp: 38329

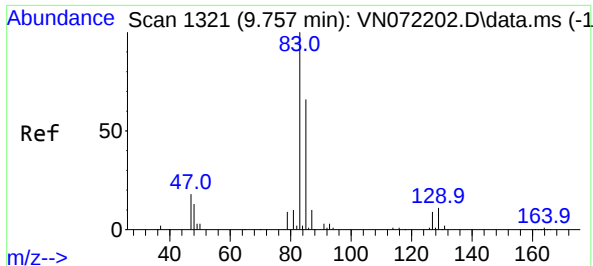
Ion Ratio Lower Upper

93 100

95 81.2 66.9 100.3

174 90.6 86.6 130.0





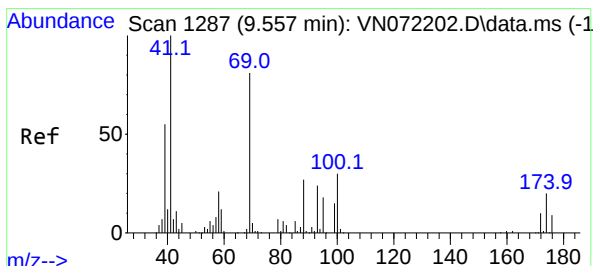
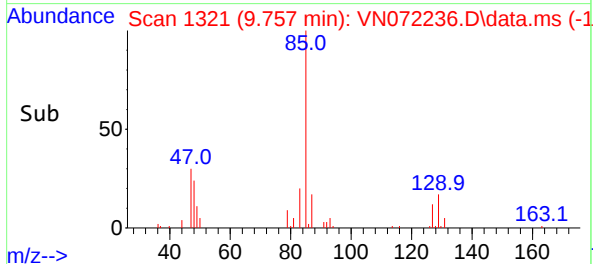
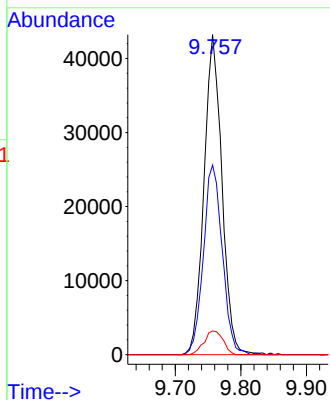
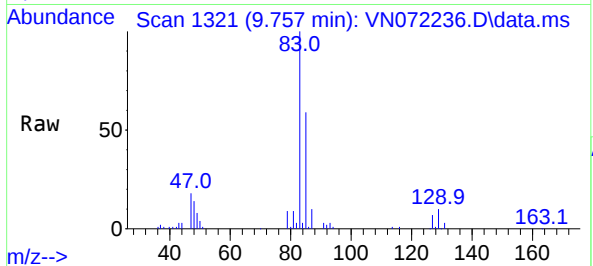
#47
Bromodichloromethane
Concen: 21.651 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion: 83 Resp: 82160
Ion Ratio Lower Upper
83 100
85 59.3 50.5 75.7
127 7.4 6.8 10.2

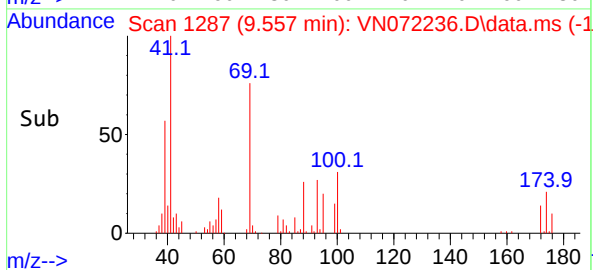
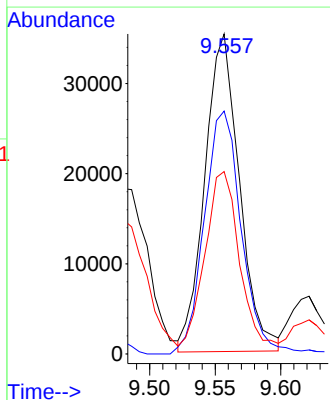
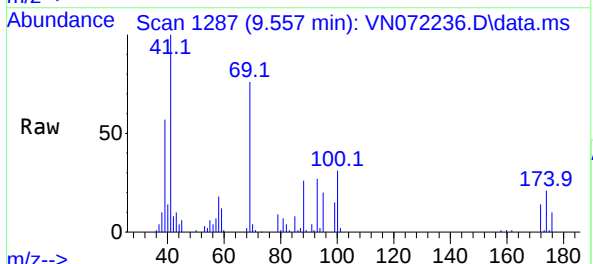
Manual Integrations
APPROVED

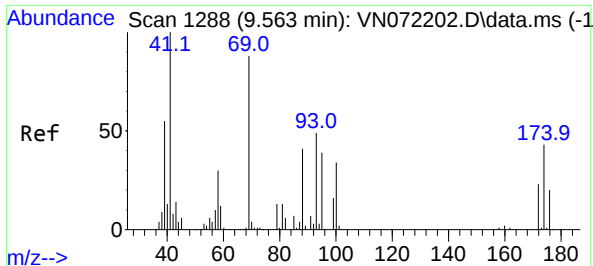
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#48
Methyl methacrylate
Concen: 21.433 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

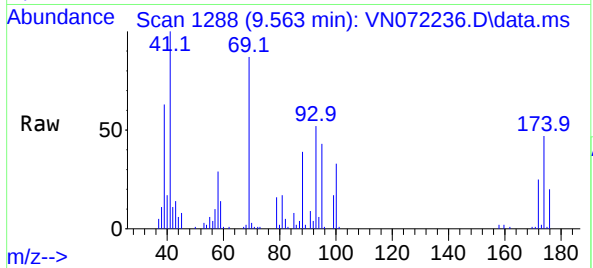
Tgt Ion: 41 Resp: 64761
Ion Ratio Lower Upper
41 100
69 82.3 74.7 112.1
39 59.1 45.6 68.4





#49
1,4-Dioxane
Concen: 422.622 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

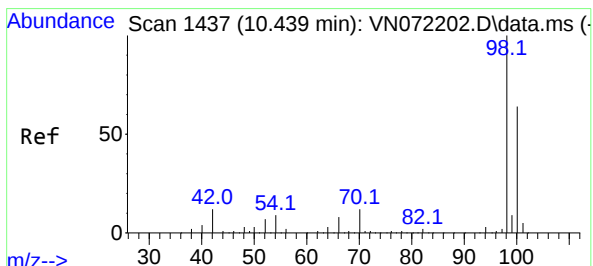
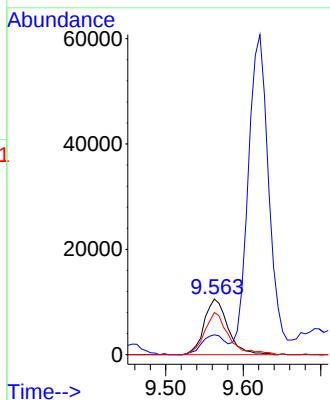
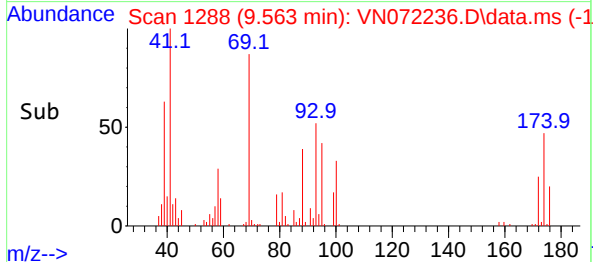
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



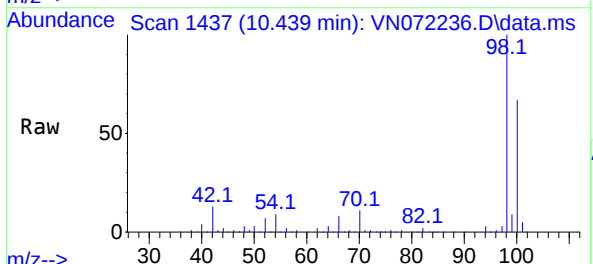
Tgt Ion: 88 Resp: 22432
Ion Ratio Lower Upper
88 100
43 34.7 20.2 30.4
58 77.6 54.2 81.4

Manual Integrations
APPROVED

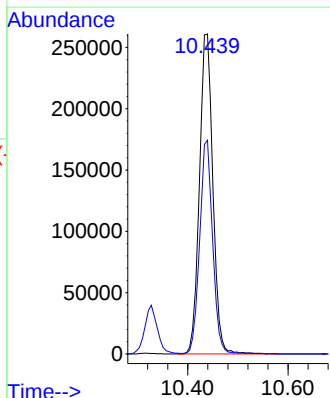
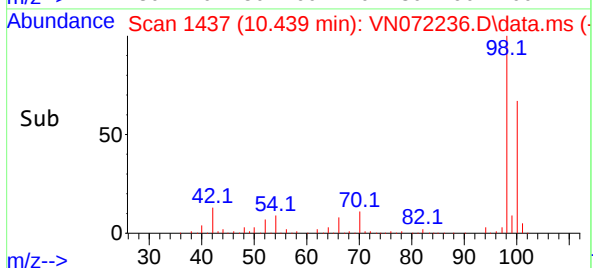
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

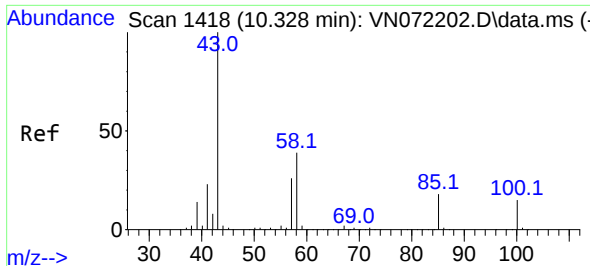


#50
Toluene-d8
Concen: 52.208 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



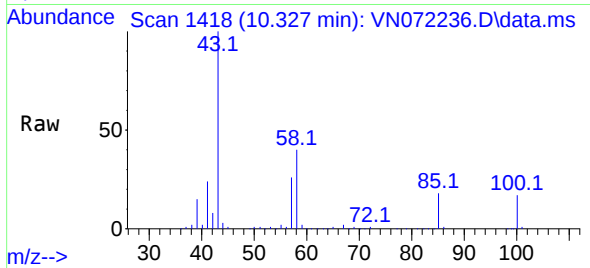
Tgt Ion: 98 Resp: 485463
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 102.333 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

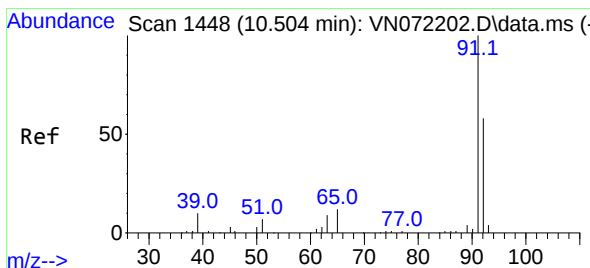
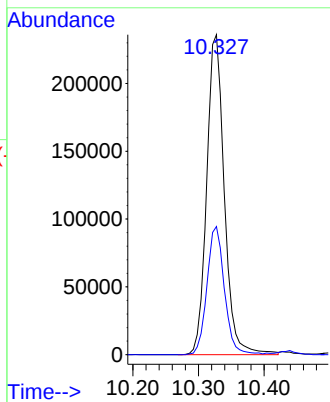
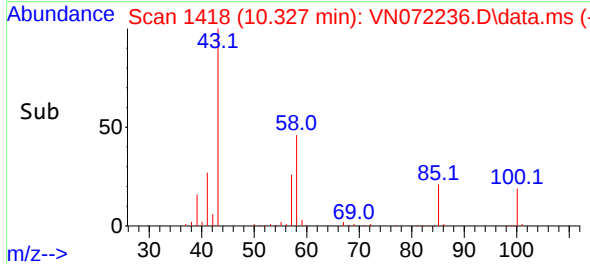
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



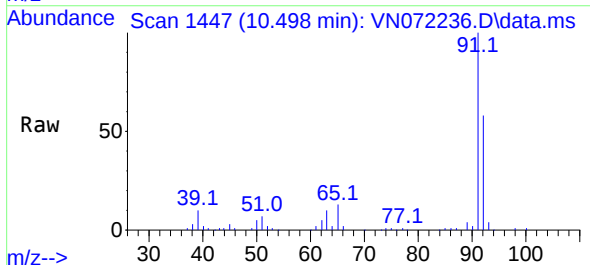
Tgt Ion: 43 Resp: 44167
Ion Ratio Lower Upper
43 100
58 39.6 34.1 51.1

Manual Integrations
APPROVED

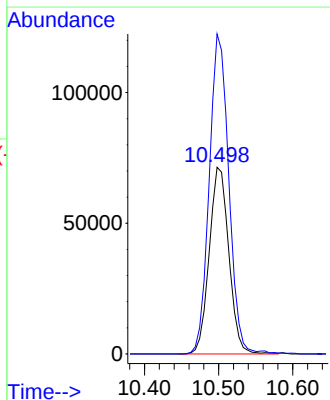
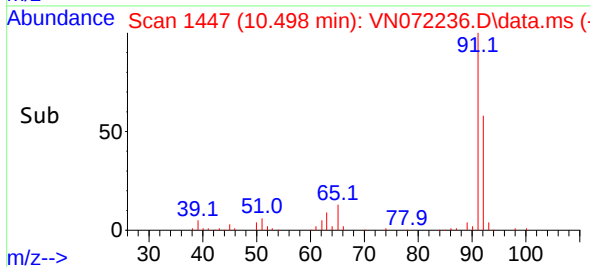
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

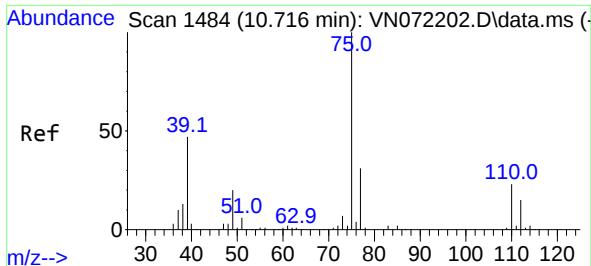


#52
Toluene
Concen: 20.569 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



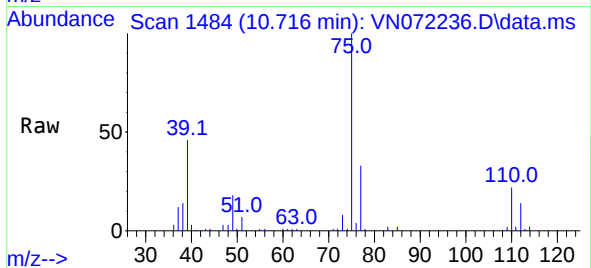
Tgt Ion: 92 Resp: 131380
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 21.193 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

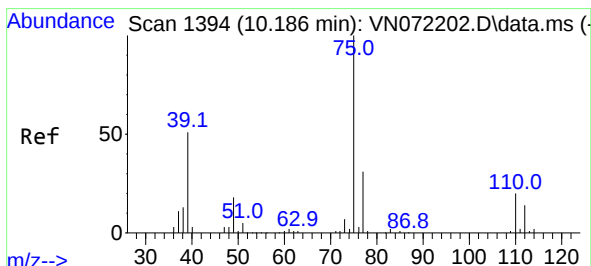
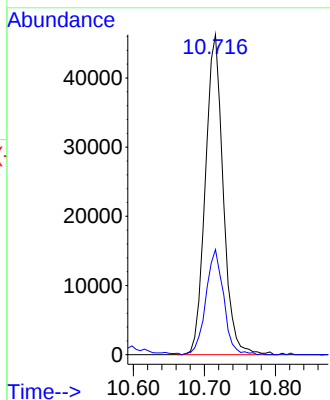
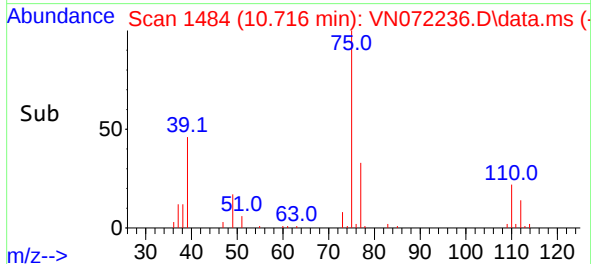
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



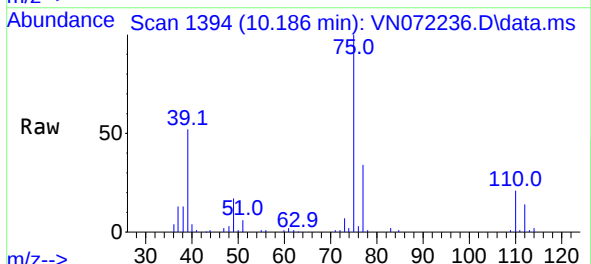
Tgt Ion: 75 Resp: 80845
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4

Manual Integrations
APPROVED

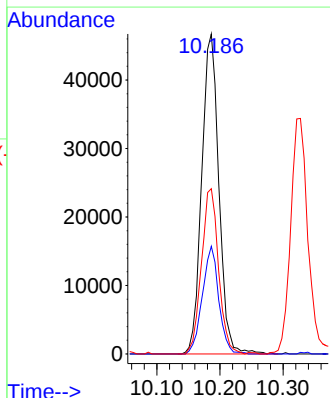
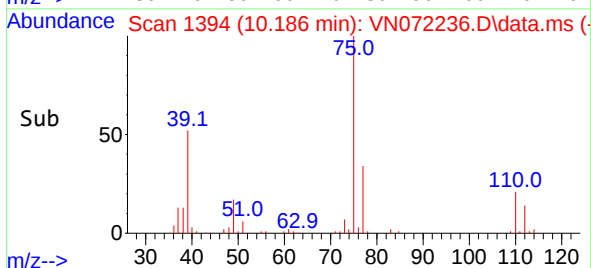
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

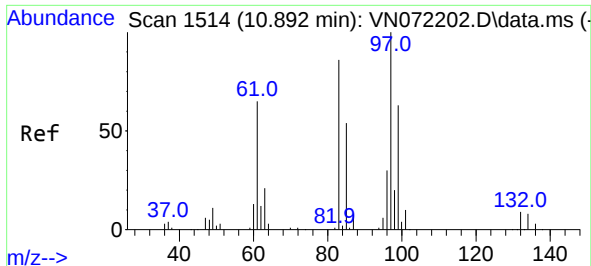


#54
cis-1,3-Dichloropropene
Concen: 21.354 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



Tgt Ion: 75 Resp: 88093
Ion Ratio Lower Upper
75 100
77 33.6 25.2 37.8
39 51.7 35.7 53.5





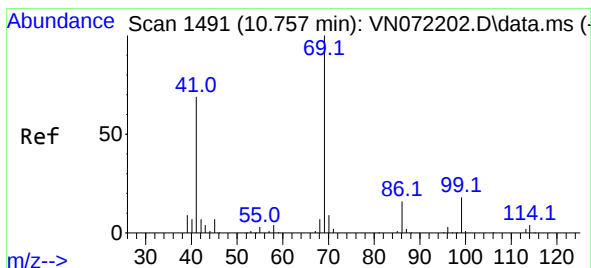
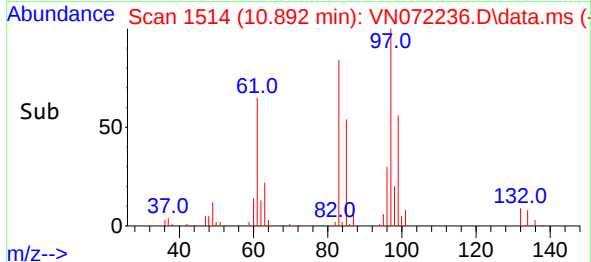
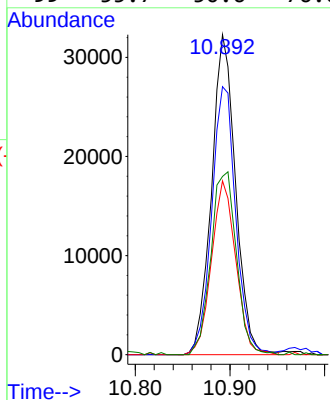
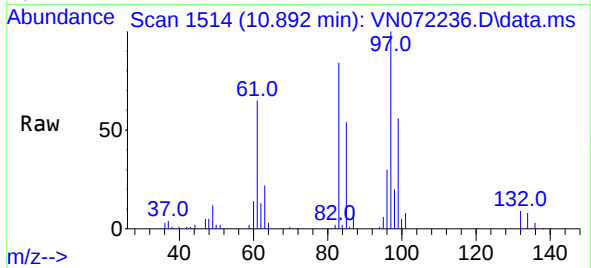
#55
1,1,2-Trichloroethane
Concen: 21.233 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.2	99.4
85	54.3	43.9	65.9
99	55.7	50.6	76.0

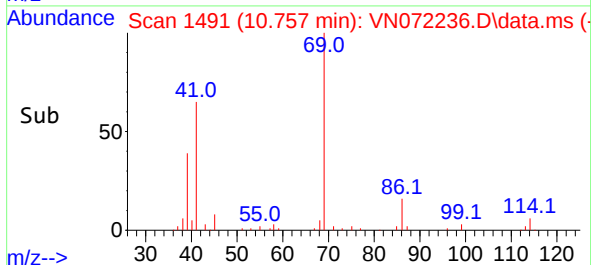
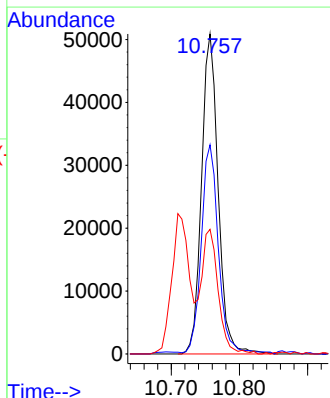
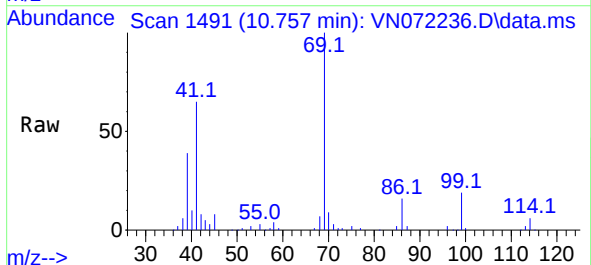
Manual Integrations
APPROVED

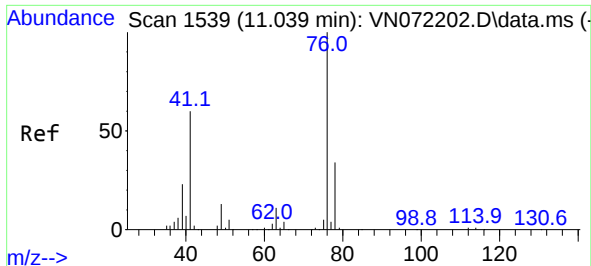
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#56
Ethyl methacrylate
Concen: 19.895 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	47.8	71.6
39	40.3	27.3	40.9





#57

1,3-Dichloropropane

Concen: 20.441 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072236.D

Acq: 28 Apr 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01

Tgt Ion: 76 Resp: 96062

Ion Ratio Lower Upper

76 100

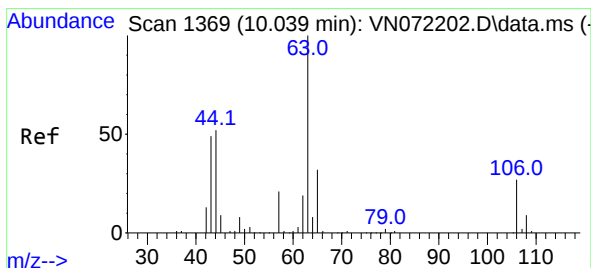
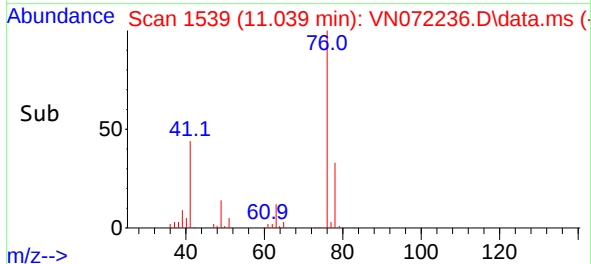
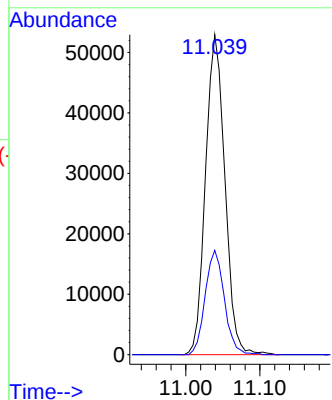
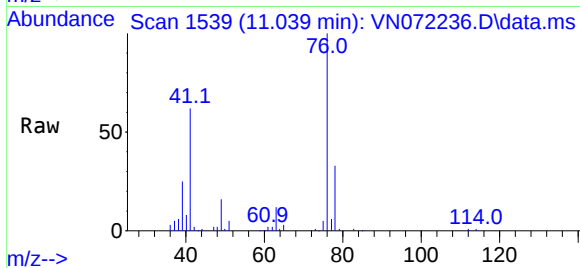
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 91.588 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072236.D

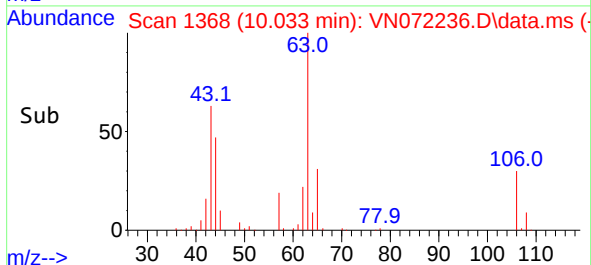
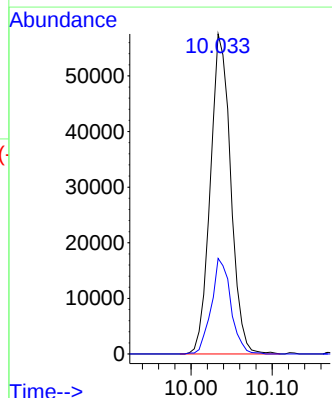
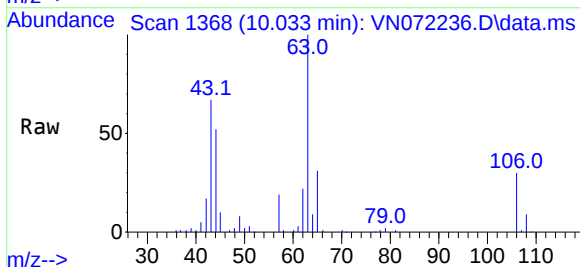
Acq: 28 Apr 2022 14:29

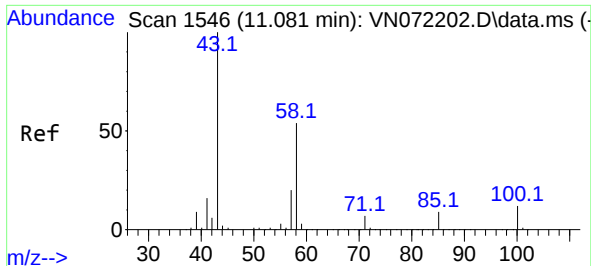
Tgt Ion: 63 Resp: 100309

Ion Ratio Lower Upper

63 100

106 28.5 24.6 36.8





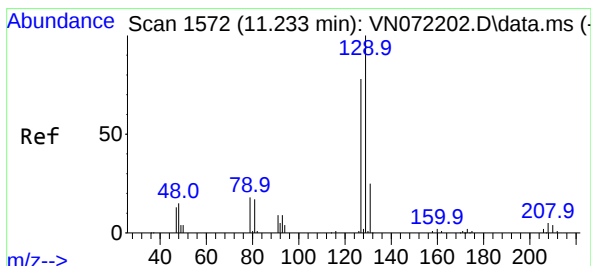
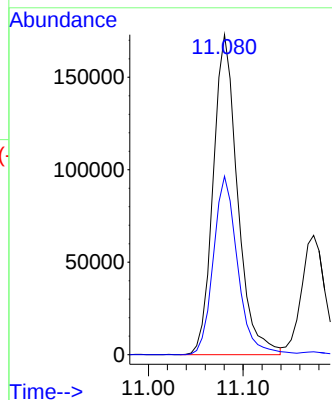
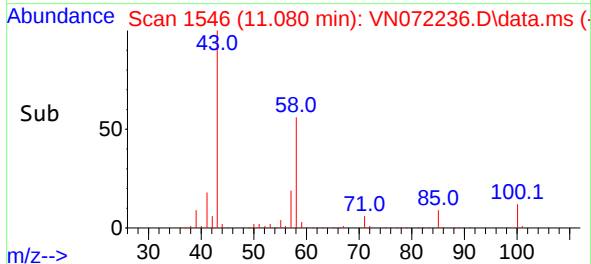
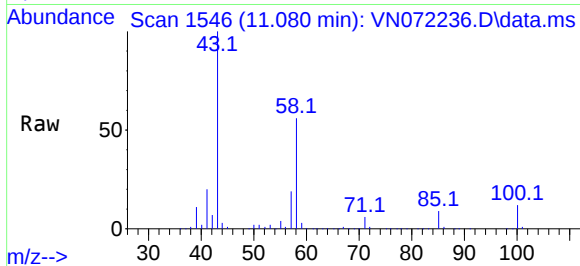
#59
2-Hexanone
Concen: 101.865 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion: 43 Resp: 30976
Ion Ratio Lower Upper
43 100
58 55.5 29.7 89.1

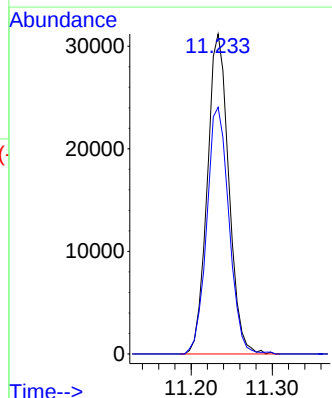
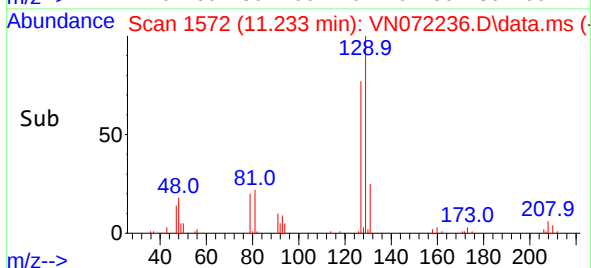
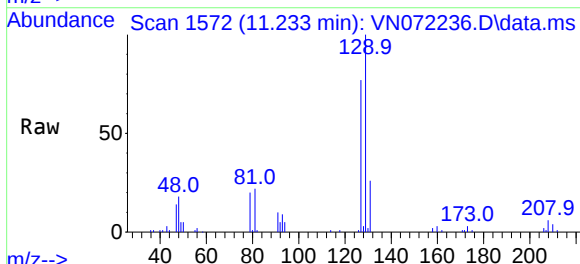
Manual Integrations
APPROVED

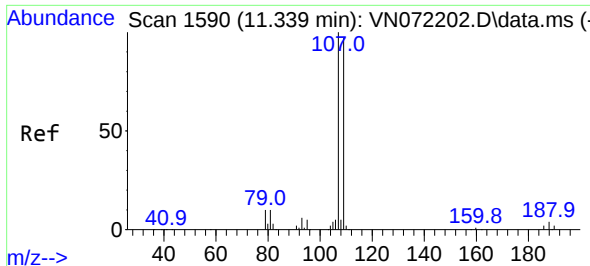
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#60
Dibromochloromethane
Concen: 20.932 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Tgt Ion:129 Resp: 57322
Ion Ratio Lower Upper
129 100
127 79.7 38.8 116.4





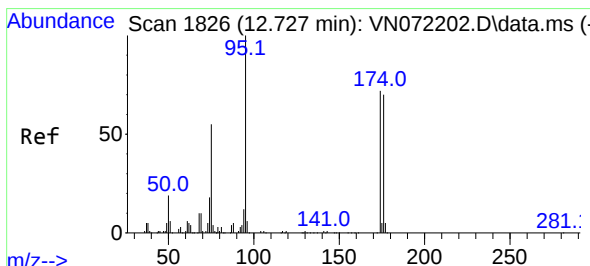
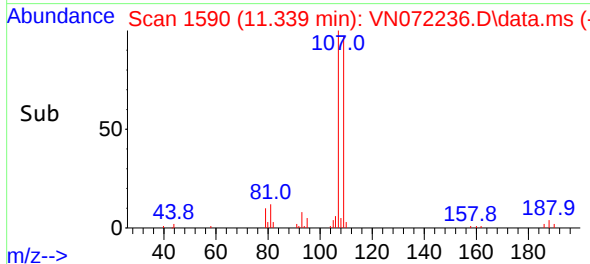
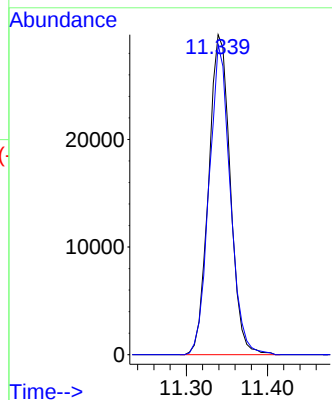
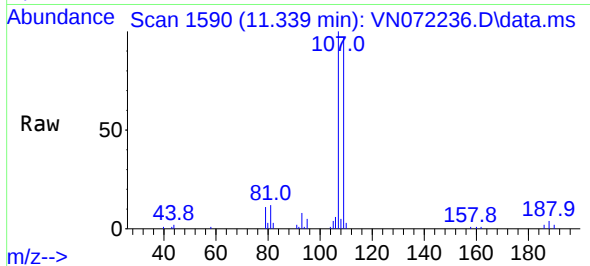
#61
1,2-Dibromoethane
Concen: 20.866 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:107 Resp: 5495
Ion Ratio Lower Upper
107 100
109 94.8 75.0 112.6

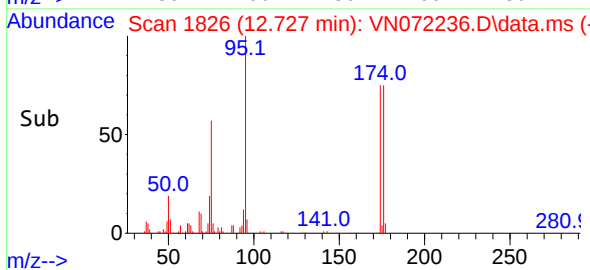
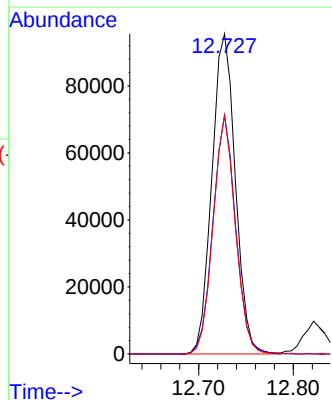
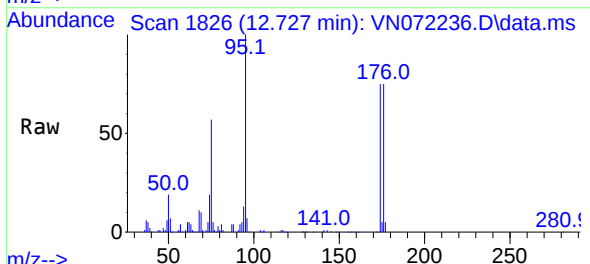
Manual Integrations
APPROVED

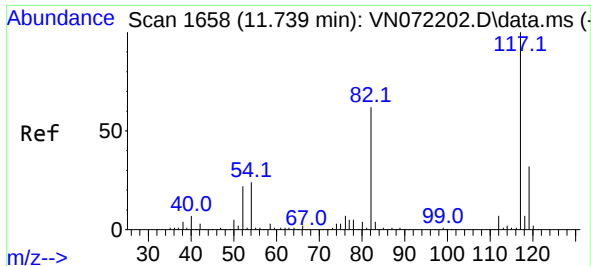
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#62
4-Bromofluorobenzene
Concen: 53.283 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

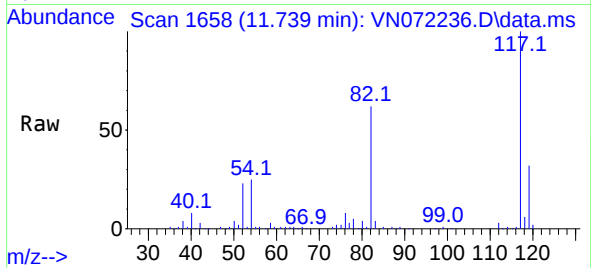
Tgt Ion: 95 Resp: 164454
Ion Ratio Lower Upper
95 100
174 72.1 0.0 167.6
176 70.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

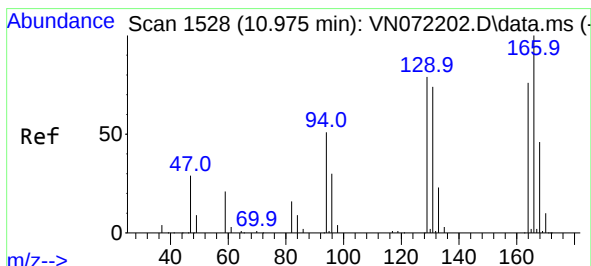
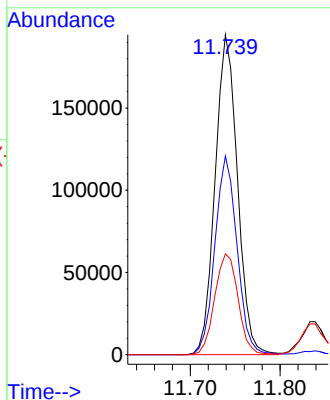
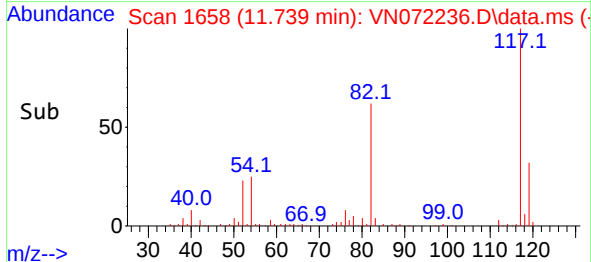
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



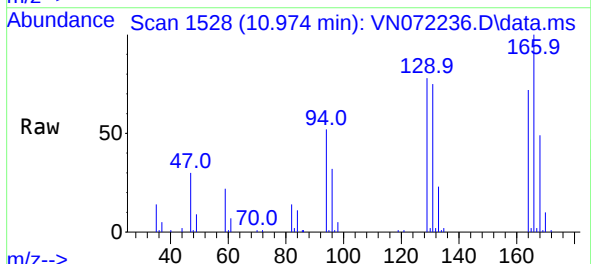
Tgt Ion:117 Resp: 337200
Ion Ratio Lower Upper
117 100
82 62.1 44.2 66.2
119 31.5 25.4 38.0

Manual Integrations
APPROVED

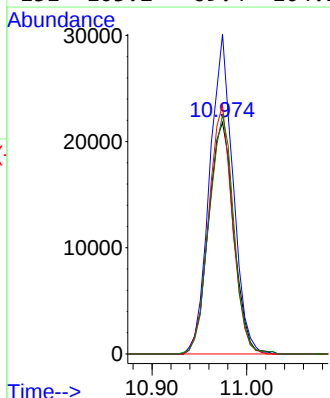
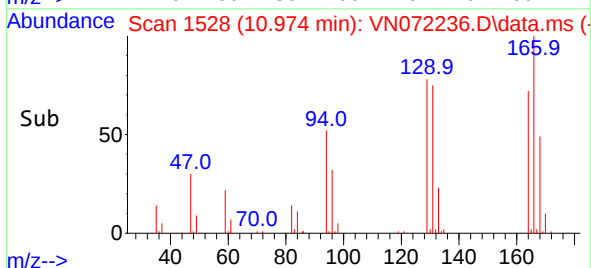
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

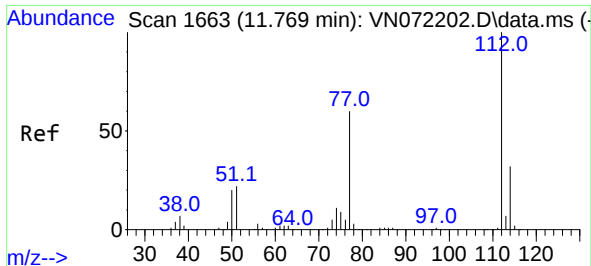


#64
Tetrachloroethene
Concen: 19.944 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



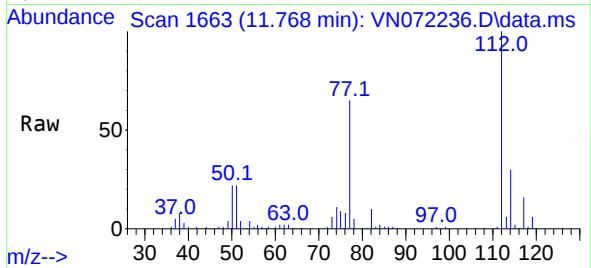
Tgt Ion:164 Resp: 40483
Ion Ratio Lower Upper
164 100
166 138.2 104.2 156.2
129 107.7 73.9 110.9
131 103.2 69.4 104.2





#65
Chlorobenzene
Concen: 19.734 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

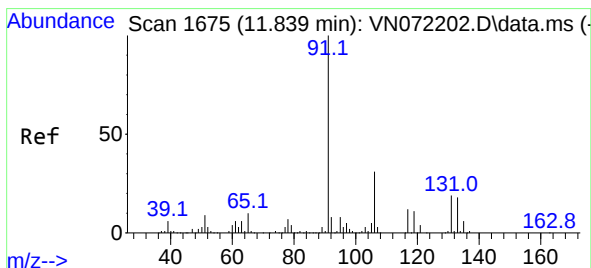
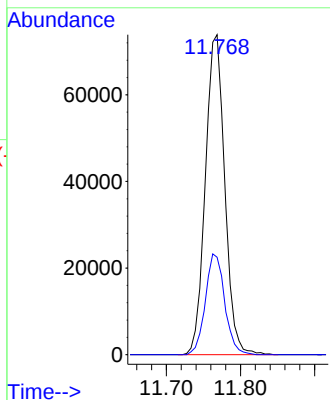
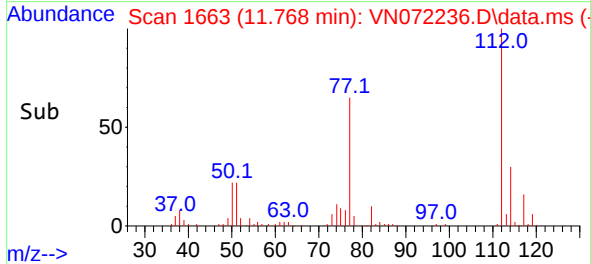
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



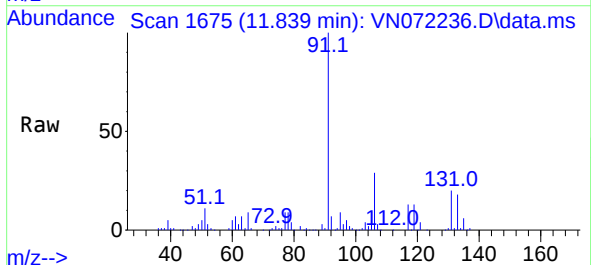
Tgt Ion:112 Resp: 134454
Ion Ratio Lower Upper
112 100
114 30.4 25.4 38.2

Manual Integrations
APPROVED

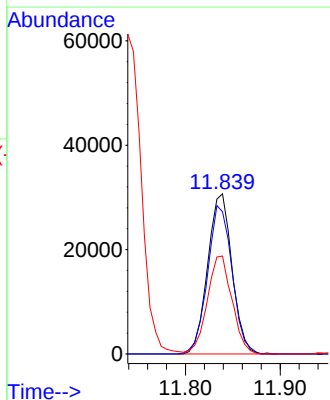
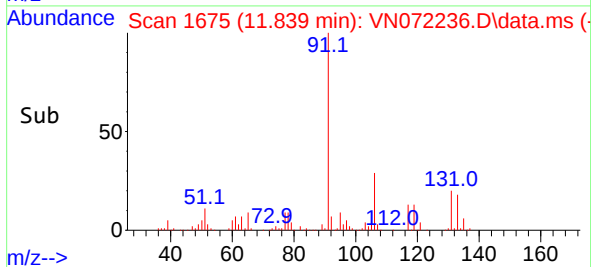
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

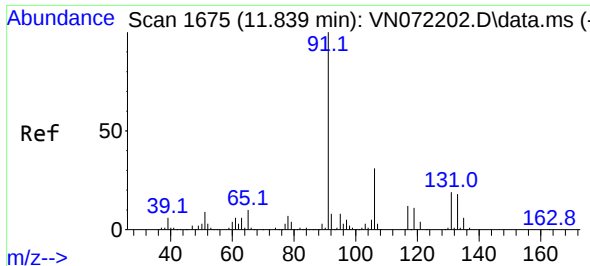


#66
1,1,1,2-Tetrachloroethane
Concen: 21.289 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



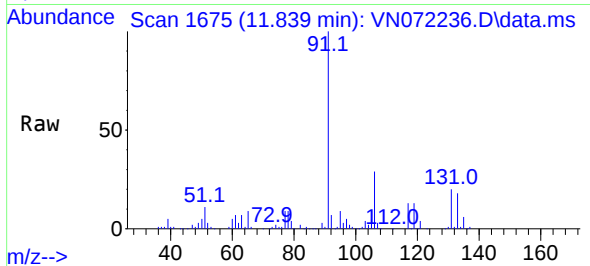
Tgt Ion:131 Resp: 54654
Ion Ratio Lower Upper
131 100
133 93.7 47.8 143.4
119 62.2 33.4 100.2





#67
Ethyl Benzene
Concen: 20.578 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

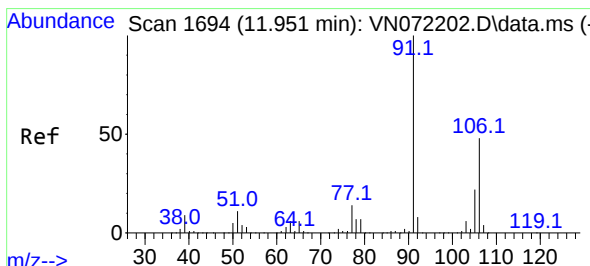
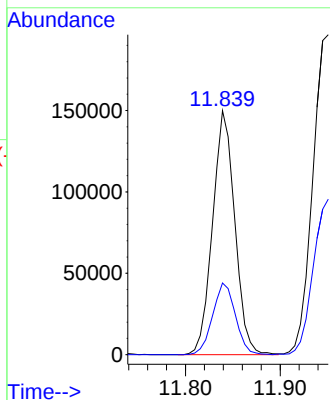
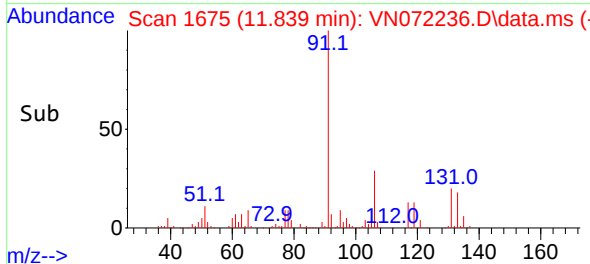
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



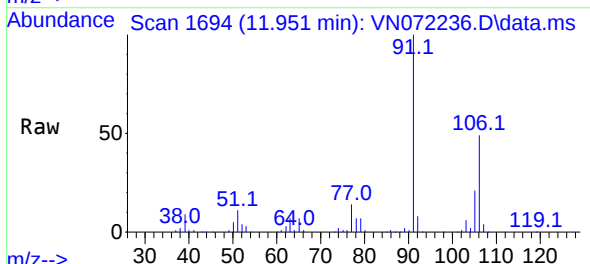
Tgt Ion: 91 Resp: 244512
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3

Manual Integrations
APPROVED

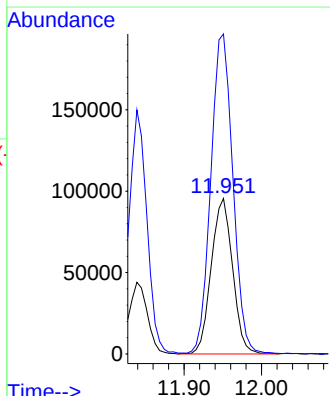
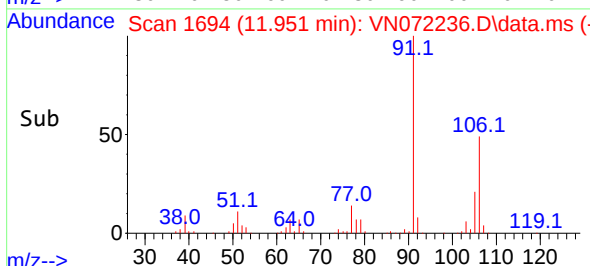
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

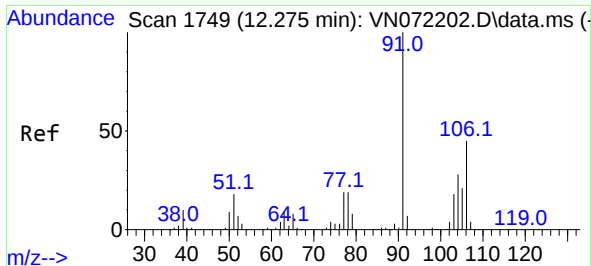


#68
m/p-Xylenes
Concen: 41.574 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



Tgt Ion:106 Resp: 183434
Ion Ratio Lower Upper
106 100
91 211.8 158.9 238.3





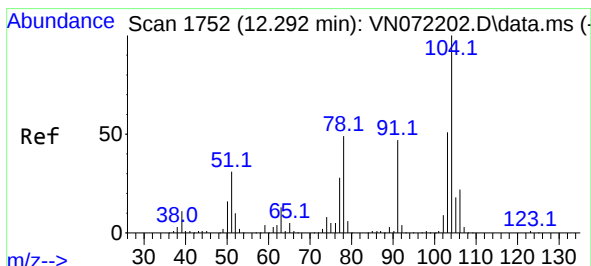
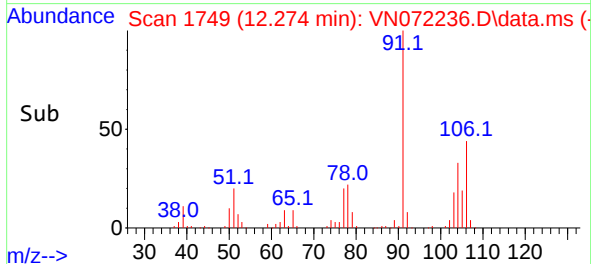
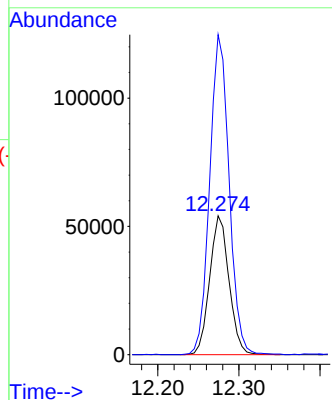
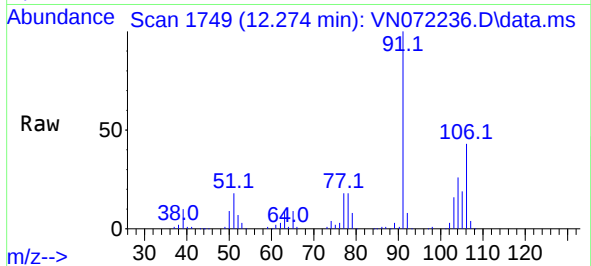
#69
o-Xylene
Concen: 20.951 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:106 Resp: 89610
Ion Ratio Lower Upper
106 100
91 231.3 106.0 318.0

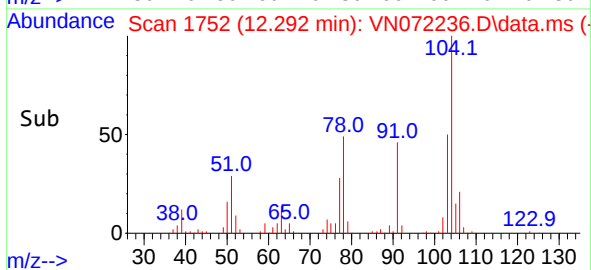
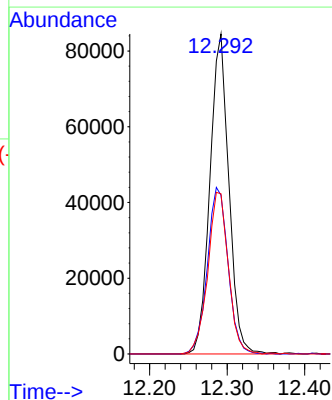
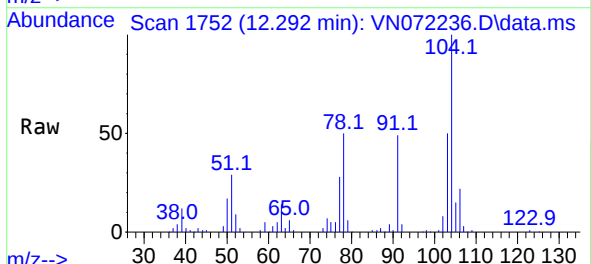
Manual Integrations
APPROVED

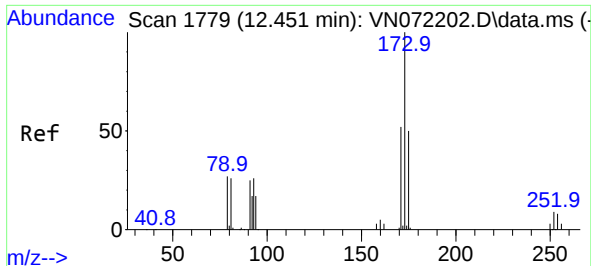
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#70
Styrene
Concen: 21.300 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

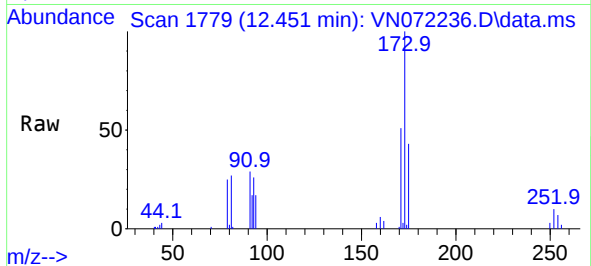
Tgt Ion:104 Resp: 143511
Ion Ratio Lower Upper
104 100
78 56.9 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 21.661 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

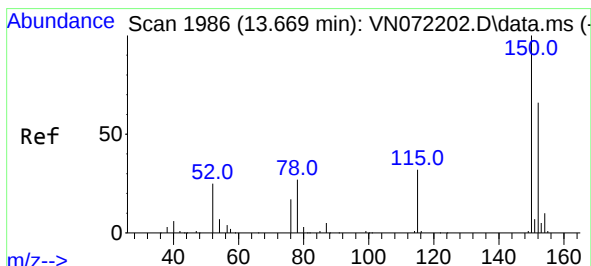
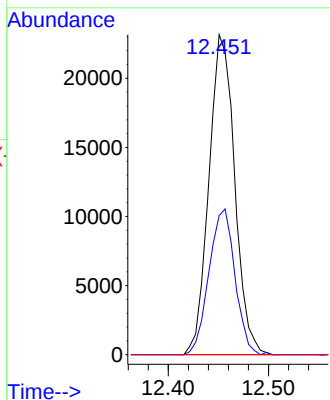
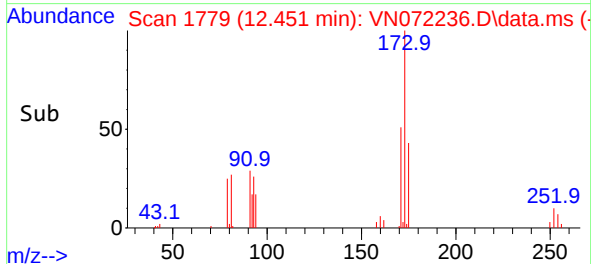
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



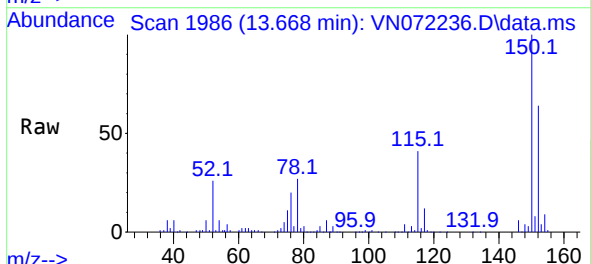
Tgt Ion:173 Resp: 41359
Ion Ratio Lower Upper
173 100
175 45.9 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

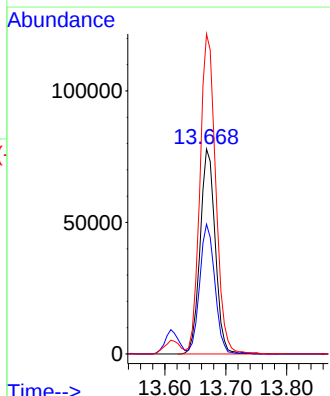
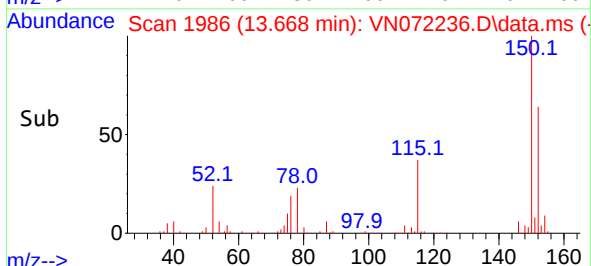
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

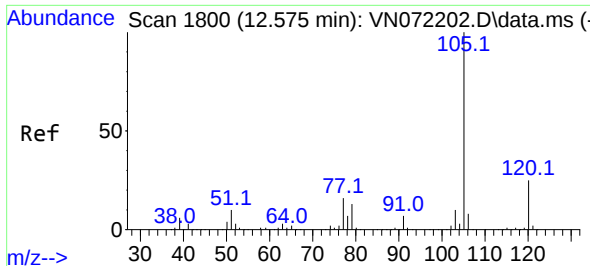


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



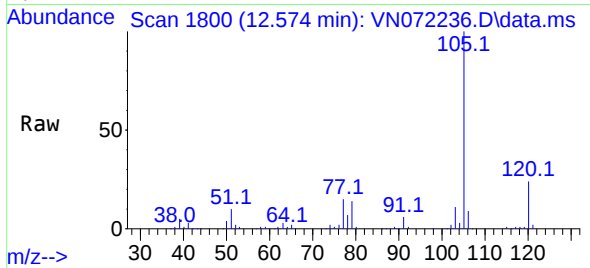
Tgt Ion:152 Resp: 134515
Ion Ratio Lower Upper
152 100
115 63.6 28.9 86.7
150 163.1 0.0 356.2





#73
Isopropylbenzene
Concen: 19.931 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

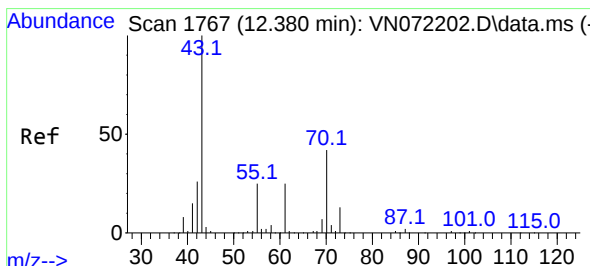
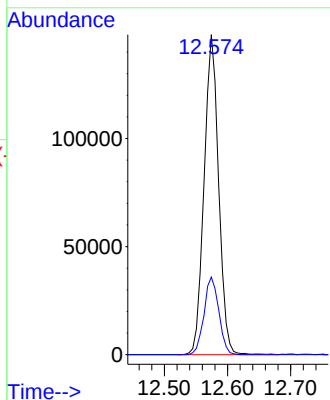
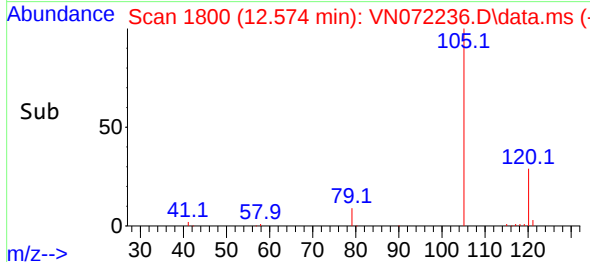
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



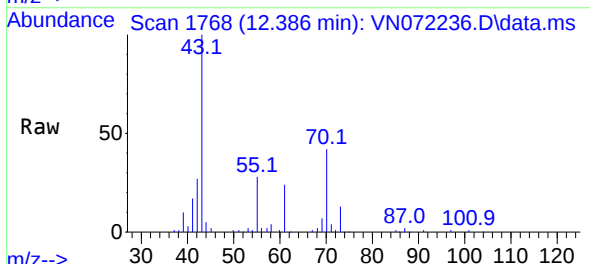
Tgt Ion:105 Resp: 236788
Ion Ratio Lower Upper
105 100
120 24.7 13.5 40.4

Manual Integrations
APPROVED

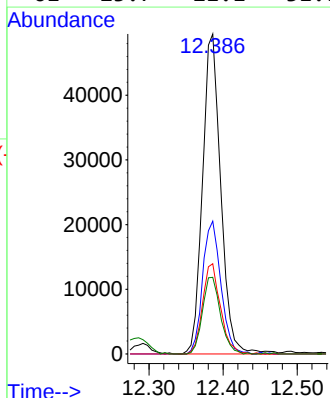
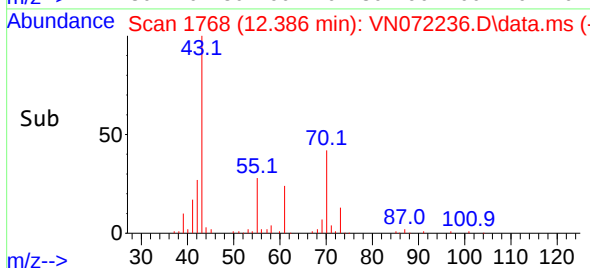
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

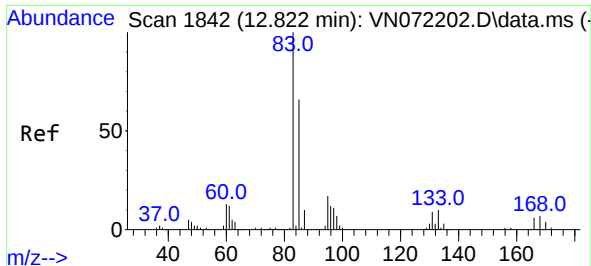


#74
N-ethyl acetate
Concen: 19.041 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



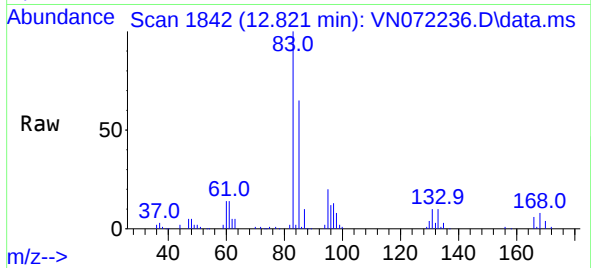
Tgt Ion: 43 Resp: 84752
Ion Ratio Lower Upper
43 100
70 41.4 39.0 58.4
55 27.7 21.1 31.7
61 23.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.542 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

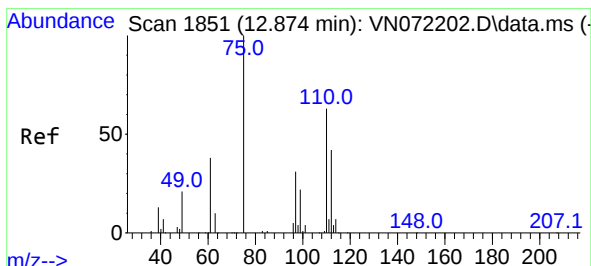
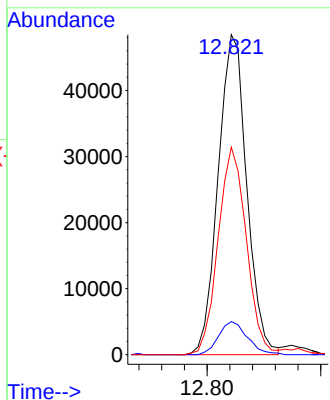
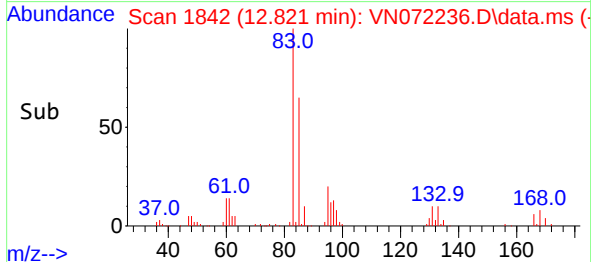
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



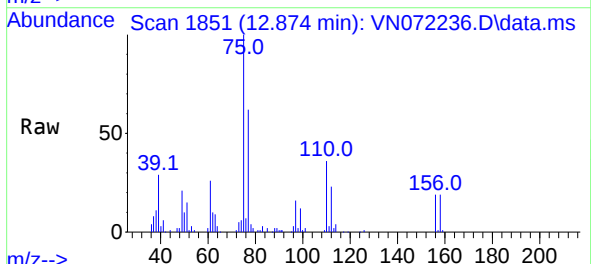
Tgt Ion: 83 Resp: 8476
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 64.0 32.3 96.9

Manual Integrations
APPROVED

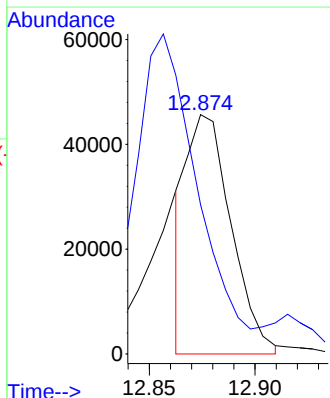
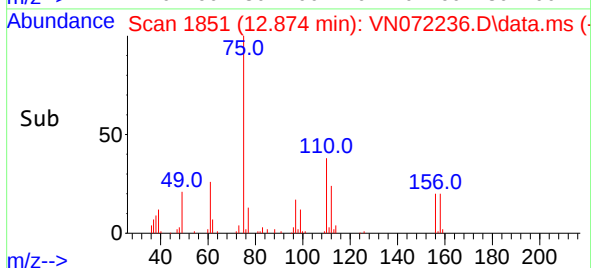
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

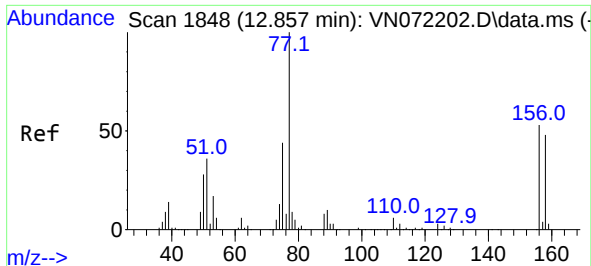


#76
1,2,3-Trichloropropane
Concen: 21.984 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



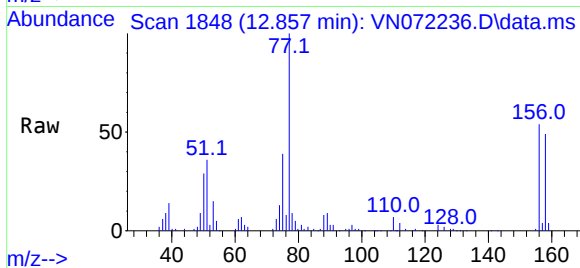
Tgt Ion: 75 Resp: 67113
Ion Ratio Lower Upper
75 100
77 188.2 98.5 295.5





#77
Bromobenzene
Concen: 18.971 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

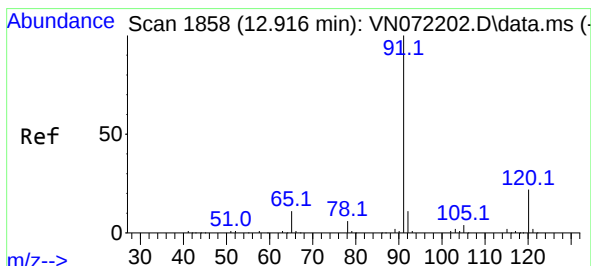
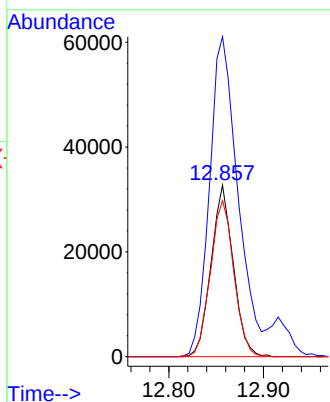
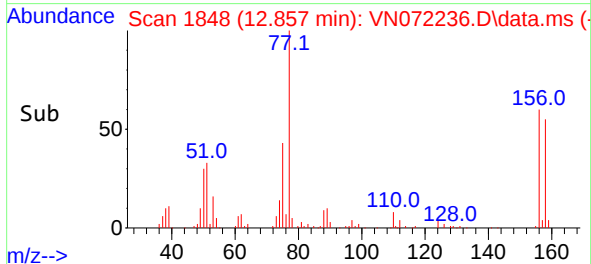
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



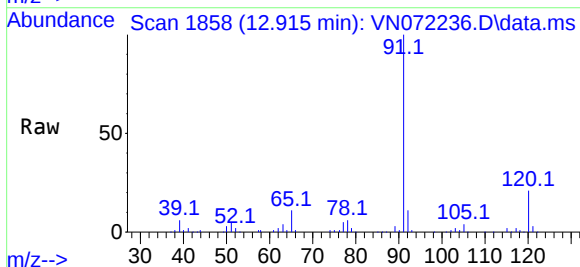
Tgt Ion:156 Resp: 53300
Ion Ratio Lower Upper
156 100
77 237.0 100.5 301.5
158 95.9 48.9 146.6

Manual Integrations
APPROVED

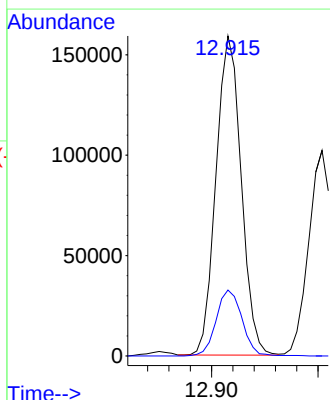
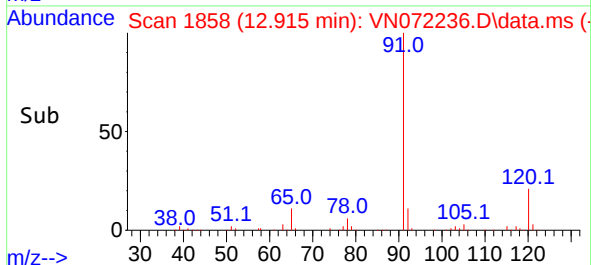
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

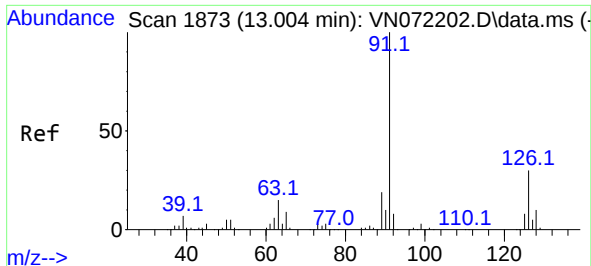


#78
n-propylbenzene
Concen: 19.916 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



Tgt Ion: 91 Resp: 260658
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.5





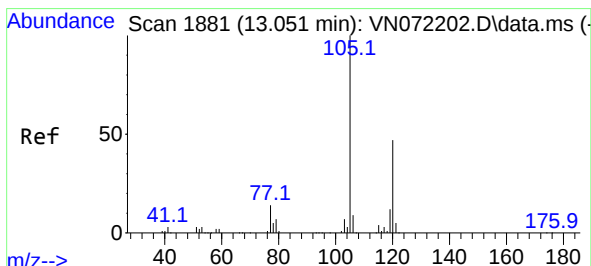
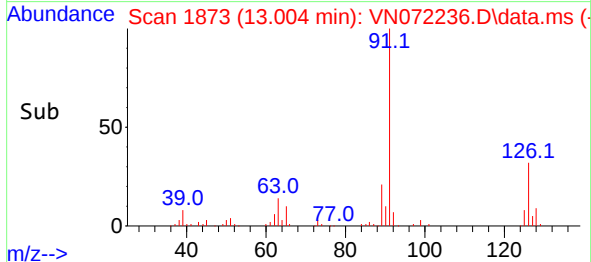
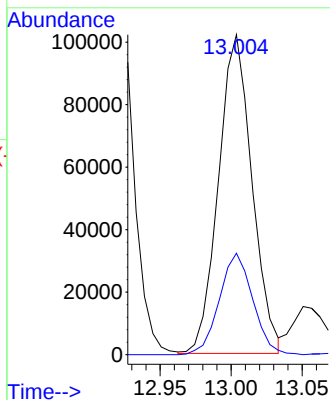
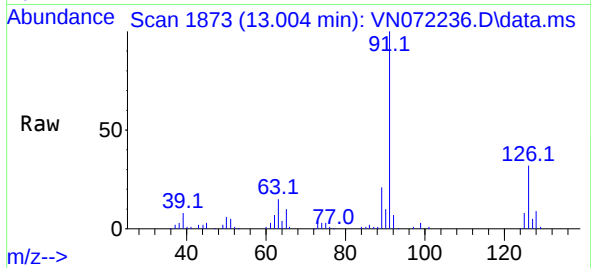
#79
2-Chlorotoluene
Concen: 19.485 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion: 91 Resp: 16750
Ion Ratio Lower Upper
91 100
126 31.7 17.3 51.9

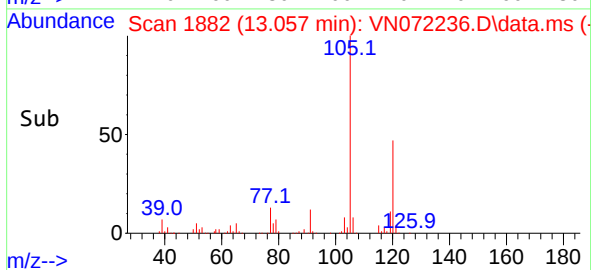
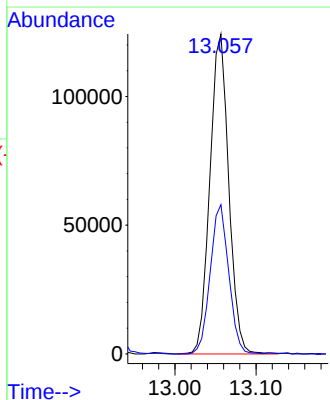
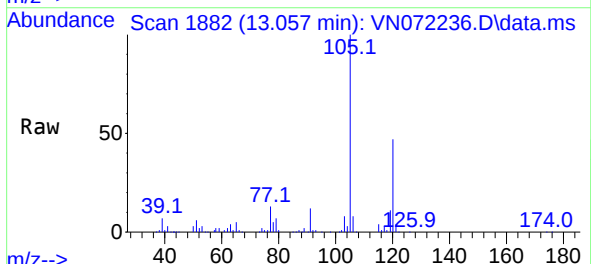
Manual Integrations
APPROVED

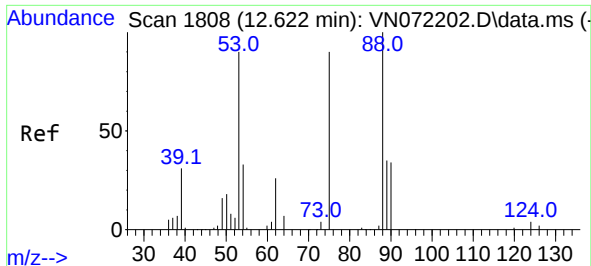
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.273 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

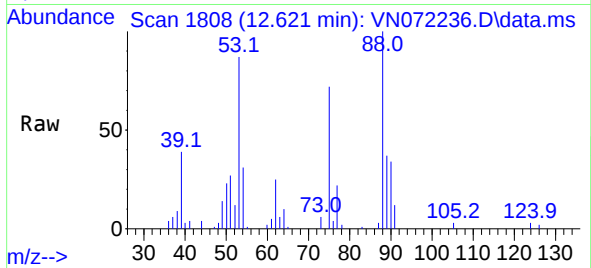
Tgt Ion:105 Resp: 200581
Ion Ratio Lower Upper
105 100
120 45.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.647 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

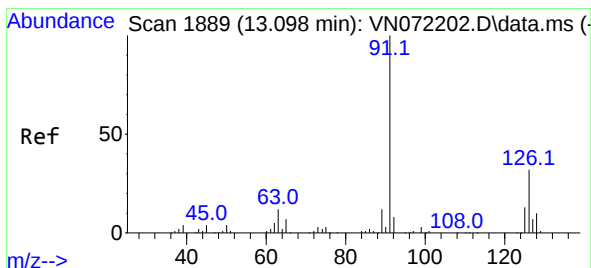
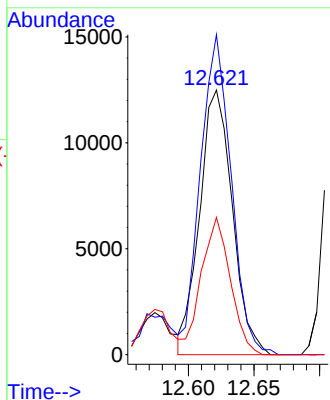
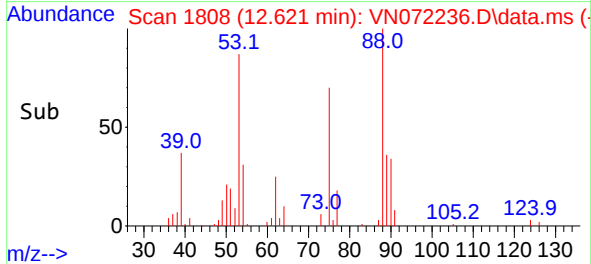
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



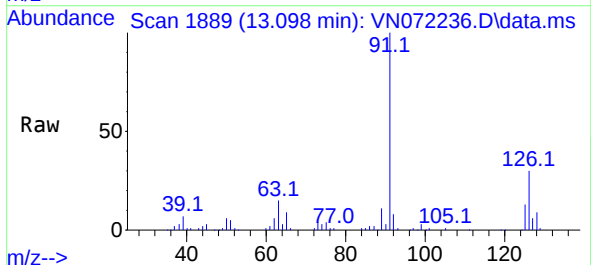
Tgt Ion: 75 Resp: 2169
Ion Ratio Lower Upper
75 100
53 113.6 78.0 117.0
89 46.6 37.2 55.8

Manual Integrations
APPROVED

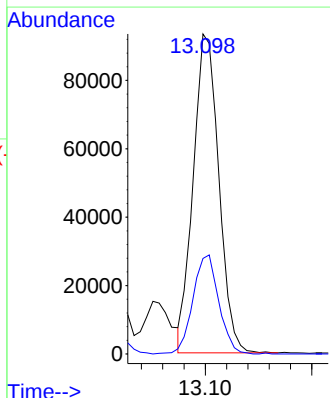
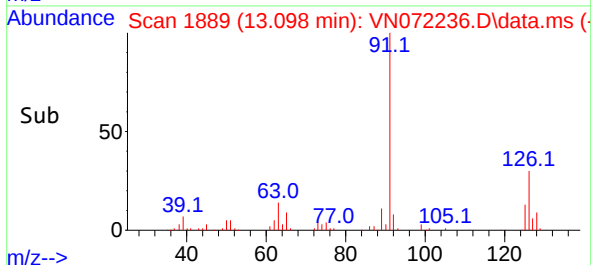
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

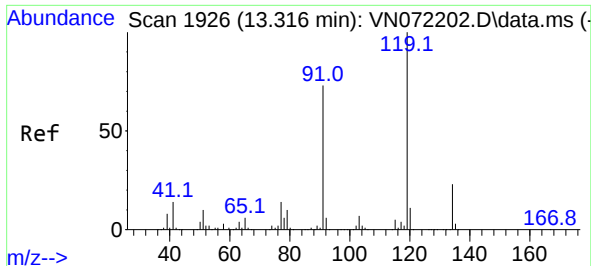


#82
4-Chlorotoluene
Concen: 19.444 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



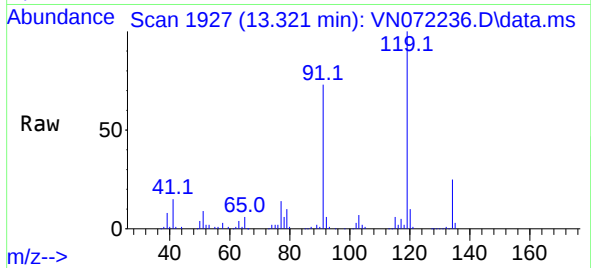
Tgt Ion: 91 Resp: 155601
Ion Ratio Lower Upper
91 100
126 31.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.582 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

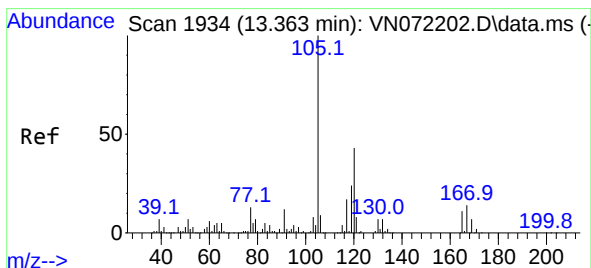
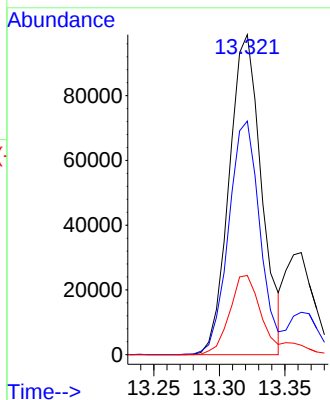
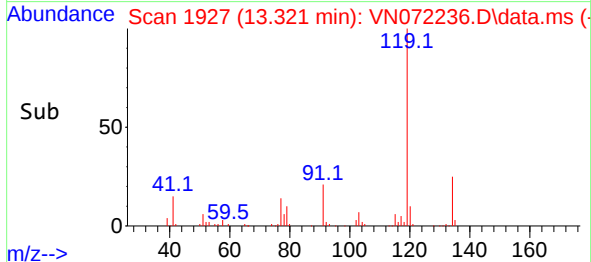
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



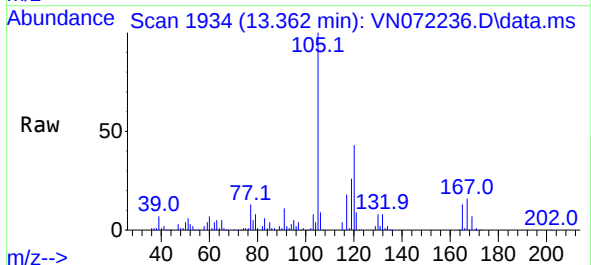
Tgt Ion:119 Resp: 17011
Ion Ratio Lower Upper
119 100
91 70.3 31.6 94.8
134 26.5 13.7 41.1

Manual Integrations
APPROVED

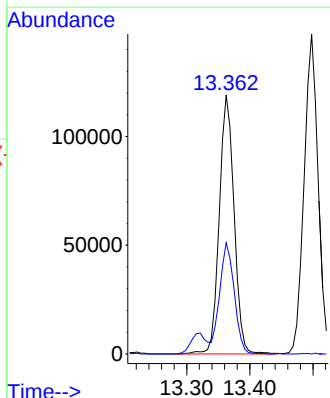
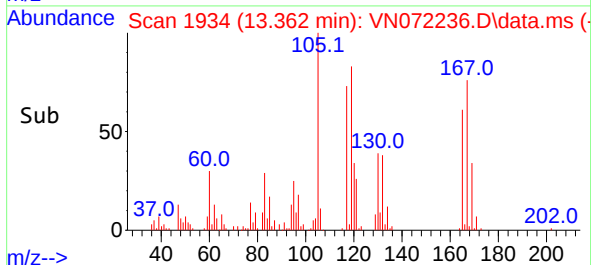
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

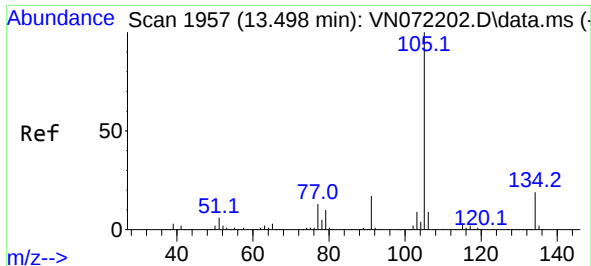


#84
1,2,4-Trimethylbenzene
Concen: 20.284 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



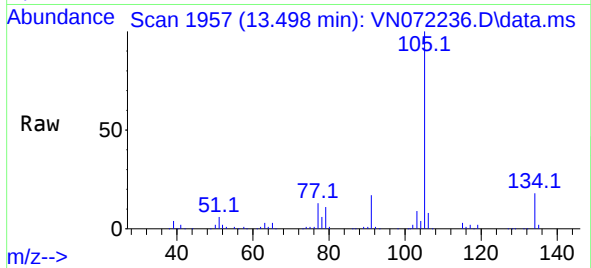
Tgt Ion:105 Resp: 194178
Ion Ratio Lower Upper
105 100
120 42.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.915 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072236.D
 Acq: 28 Apr 2022 14:29

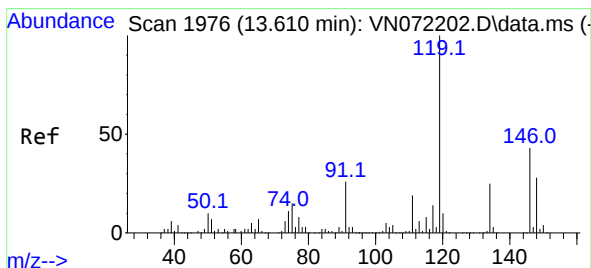
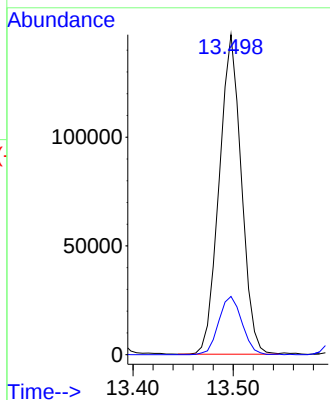
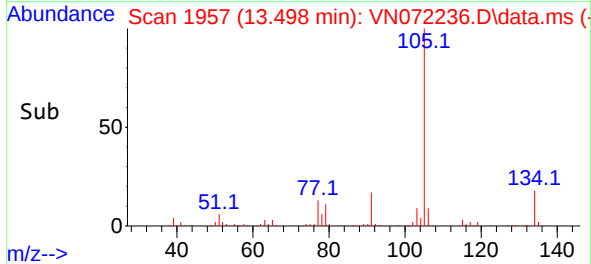
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBSD01



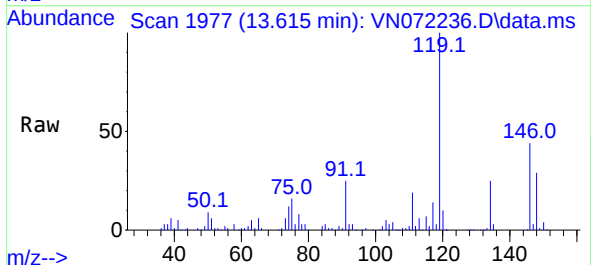
Tgt Ion:105 Resp: 22554
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

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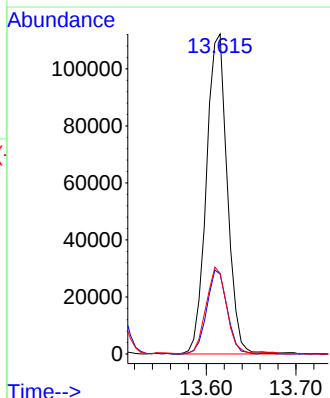
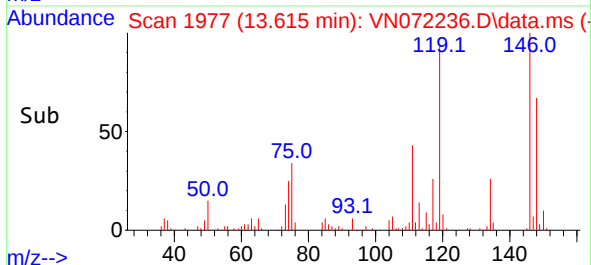
Reviewed By :John Carbone 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

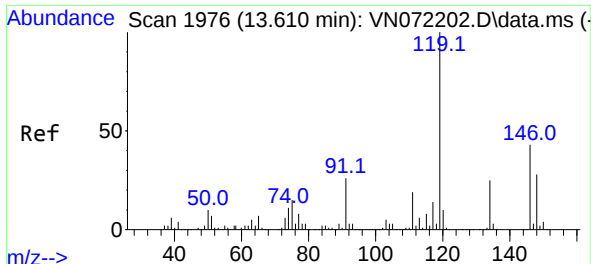


#86
 p-Isopropyltoluene
 Concen: 20.532 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.005 min
 Lab File: VN072236.D
 Acq: 28 Apr 2022 14:29



Tgt Ion:119 Resp: 181294
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.8
 91 26.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.534 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072236.D

Acq: 28 Apr 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01

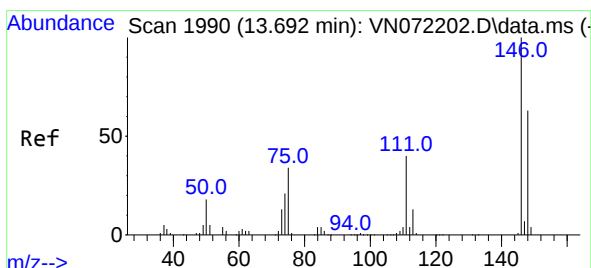
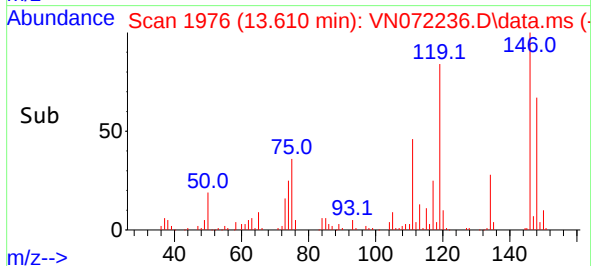
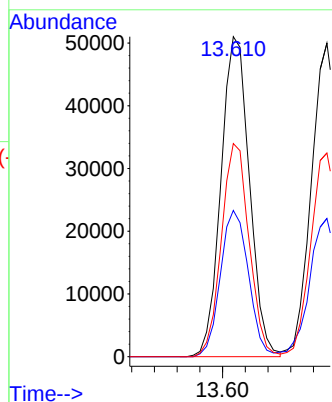
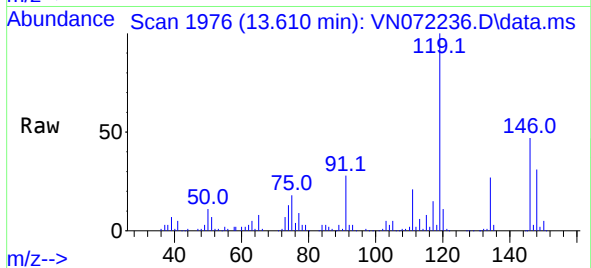
Tgt Ion:146 Resp: 88823
 Ion Ratio Lower Upper
 146 100
 111 45.0 20.0 60.0
 148 64.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#88

1,4-Dichlorobenzene

Concen: 19.612 ug/l

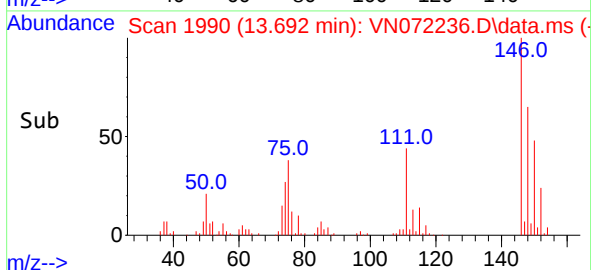
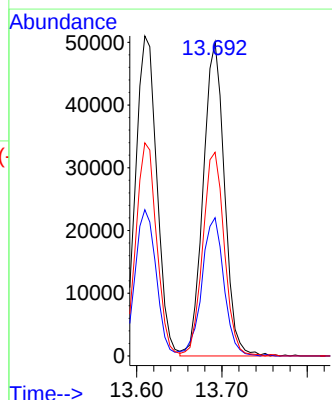
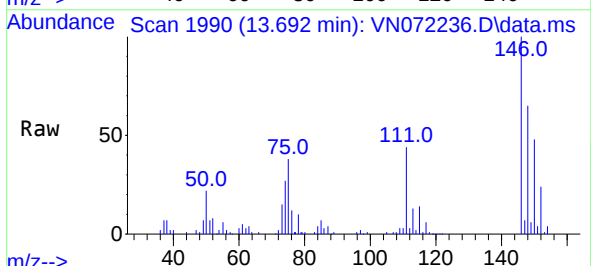
RT: 13.692 min Scan# 1990

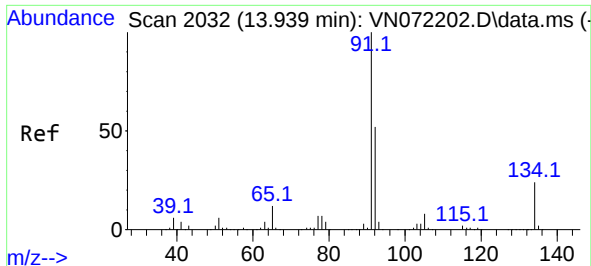
Delta R.T. -0.000 min

Lab File: VN072236.D

Acq: 28 Apr 2022 14:29

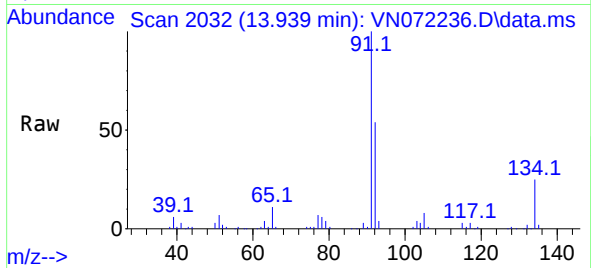
Tgt Ion:146 Resp: 86726
 Ion Ratio Lower Upper
 146 100
 111 45.9 19.1 57.1
 148 65.9 31.4 94.3





#89
n-Butylbenzene
Concen: 19.451 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

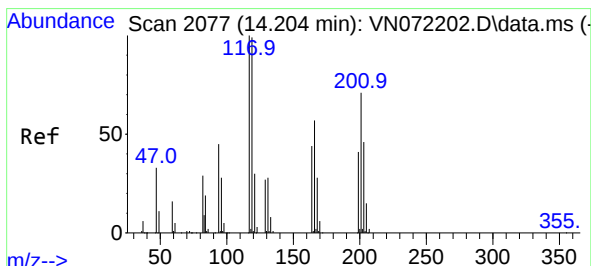
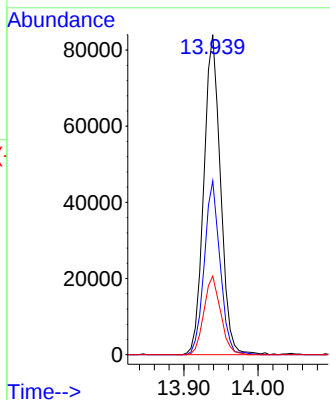
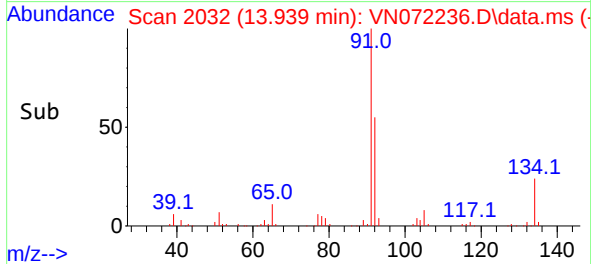
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 91 Resp: 13155
Ion Ratio Lower Upper
91 100
92 51.4 26.9 80.7
134 24.6 13.6 40.8

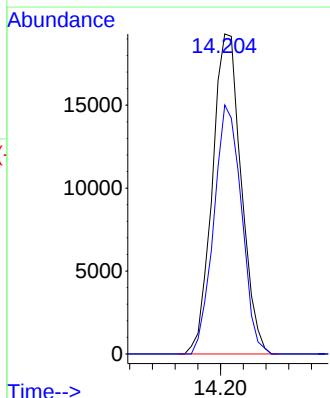
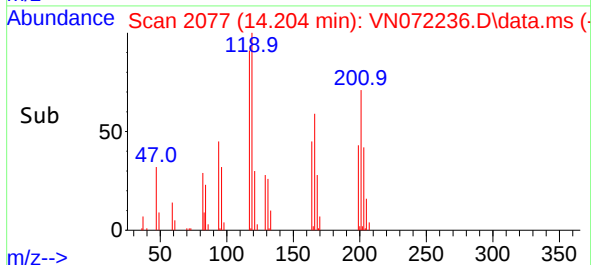
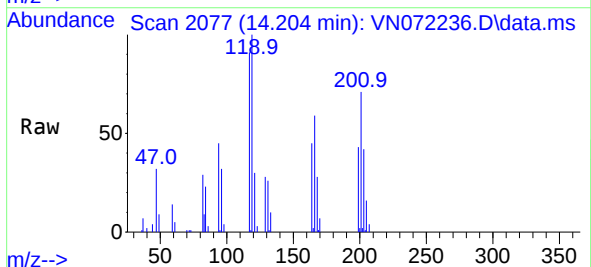
Manual Integrations
APPROVED

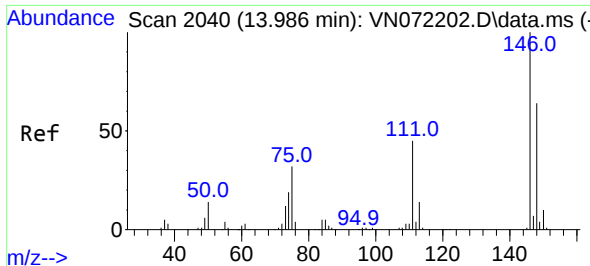
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#90
Hexachloroethane
Concen: 17.757 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Tgt Ion:117 Resp: 34035
Ion Ratio Lower Upper
117 100
201 74.6 40.6 122.0





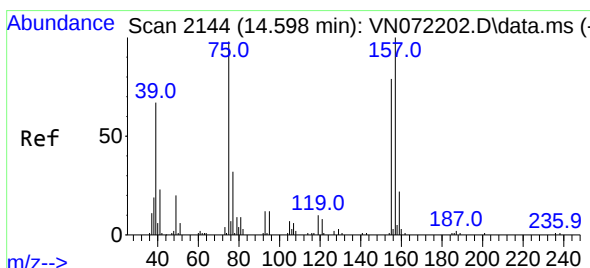
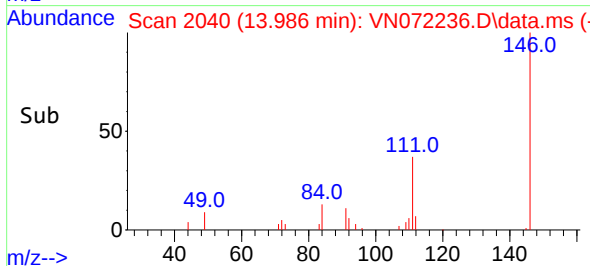
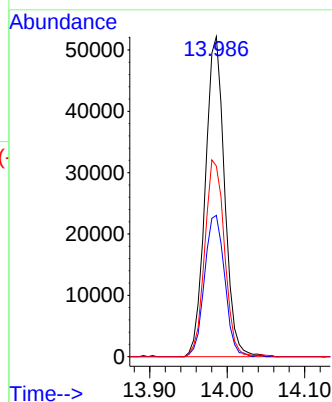
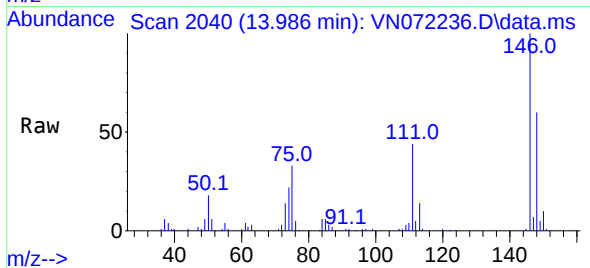
#91
1,2-Dichlorobenzene
Concen: 20.068 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:146 Resp: 8994
Ion Ratio Lower Upper
146 100
111 46.2 20.9 62.8
148 62.9 32.1 96.3

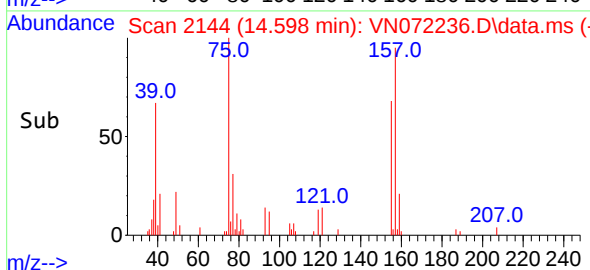
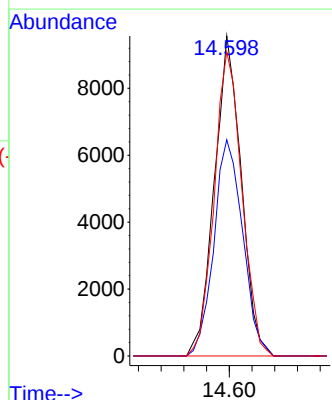
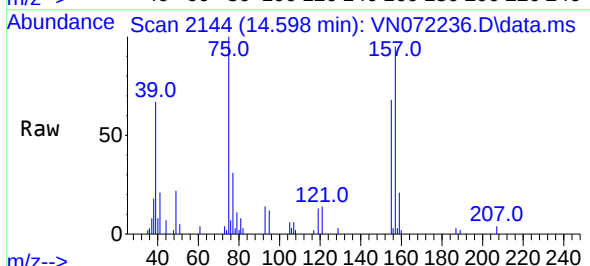
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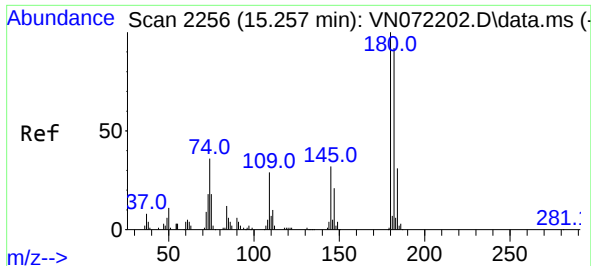
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.101 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Tgt Ion: 75 Resp: 15695
Ion Ratio Lower Upper
75 100
155 72.4 44.9 134.5
157 97.6 59.0 176.8





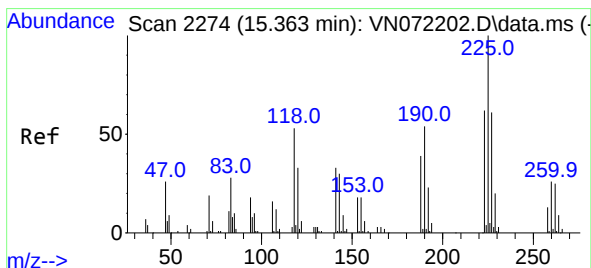
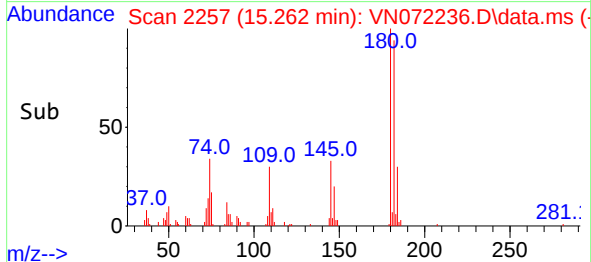
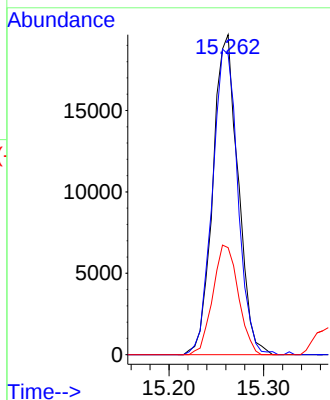
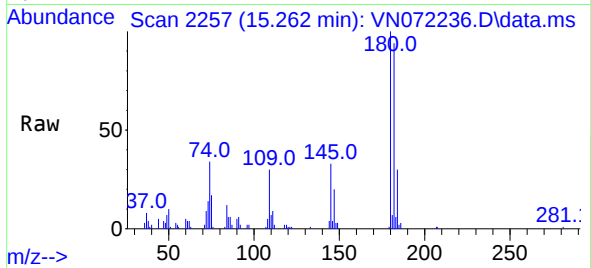
#93
1,2,4-Trichlorobenzene
Concen: 19.093 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:180 Resp: 3630
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 34.7 14.5 43.5

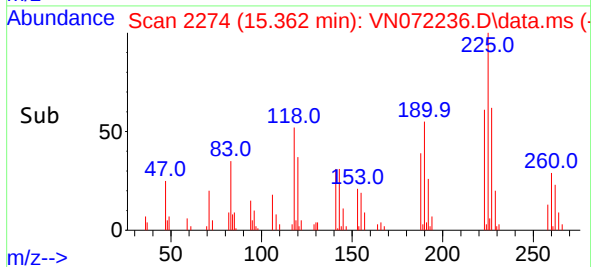
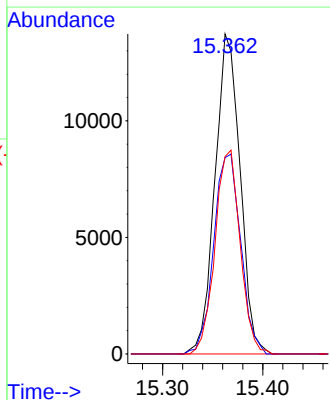
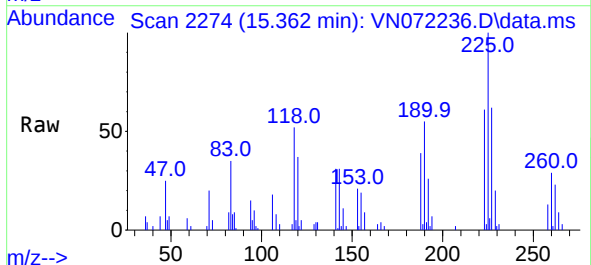
Manual Integrations
APPROVED

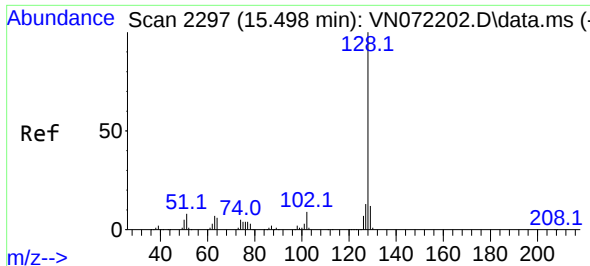
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#94
Hexachlorobutadiene
Concen: 19.871 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

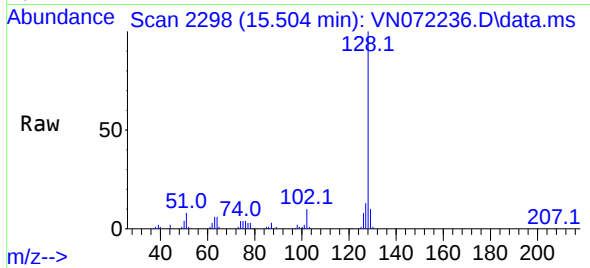
Tgt Ion:225 Resp: 23864
Ion Ratio Lower Upper
225 100
223 67.0 32.4 97.2
227 63.7 31.8 95.4





#95
Naphthalene
Concen: 17.828 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29

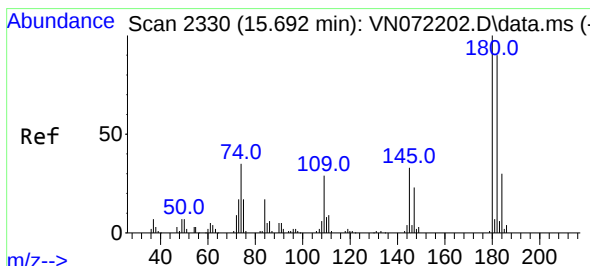
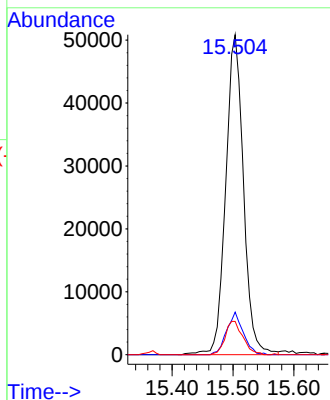
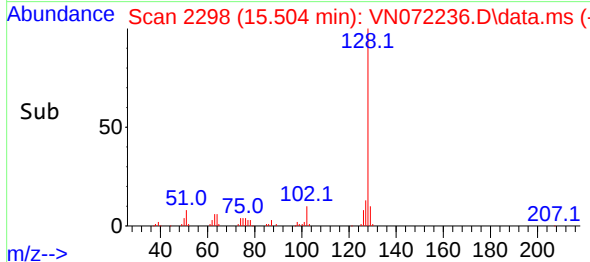
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



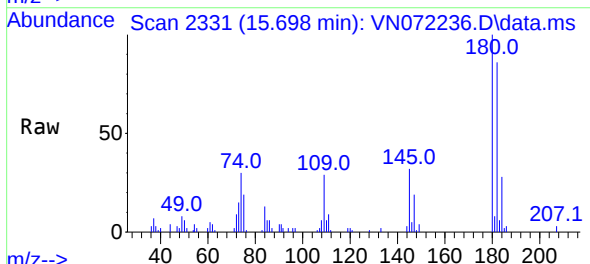
Tgt Ion:128 Resp: 10312
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.4 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.111 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072236.D
Acq: 28 Apr 2022 14:29



Tgt Ion:180 Resp: 35859
Ion Ratio Lower Upper
180 100
182 97.2 47.8 143.3
145 34.8 15.5 46.5

