

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070884.D
 Acq On : 1 Feb 2022 20:43
 Operator : JC/MD
 Sample : N1342-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31538

Quant Time: Feb 02 00:39:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1234351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1987207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1711020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	848587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	690467	39.031	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	78.060%		
35) Dibromofluoromethane	8.021	113	563440	45.709	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.420%		
50) Toluene-d8	10.440	98	2427147	46.740	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.480%		
62) 4-Bromofluorobenzene	12.728	95	885260	47.840	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.680%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.829	74	13014	1.315	ug/l #	3
11) Tert butyl alcohol	5.377	59	4314154	1351.746	ug/l	98
13) Acrolein	4.036	56	1043	0.228	ug/l #	14
14) Allyl chloride	4.583	41	984456	33.088	ug/l #	81
15) Acrylonitrile	5.616	53	17117	1.686	ug/l #	49
16) Acetone	4.283	43	6539644	532.619	ug/l	96
17) Carbon Disulfide	4.529	76	17752	0.479	ug/l	97
18) Methyl Acetate	4.851	43	1890941	78.310	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	1583250	32.455	ug/l #	89
20) Methylene Chloride	5.090	84	25782	1.594	ug/l	91
22) Diisopropyl ether	6.493	45	1514719	25.685	ug/l #	1
23) Vinyl Acetate	6.594	43	1626171	32.529	ug/l #	72
24) 1,1-Dichloroethane	6.490	63	9661	0.327	ug/l #	83
25) 2-Butanone	7.335	43	5950089	385.112	ug/l	94
29) Tetrahydrofuran	7.689	42	91686	9.692	ug/l #	83
30) Chloroform	7.587	83	840	Below Cal	#	18
31) Cyclohexane	8.094	56	167054	5.363	ug/l #	90
36) 1,1-Dichloropropene	8.086	75	95624	4.608	ug/l #	48
37) Ethyl Acetate	7.335	43	5950089	215.972	ug/l #	68
38) Carbon Tetrachloride	8.083	117	116015	6.284	ug/l #	16
39) Methylcyclohexane	9.459	83	107628	4.201	ug/l	95
40) Benzene	8.458	78	8297800	129.048	ug/l	98
41) Methacrylonitrile	7.689	41	75805	5.408	ug/l #	33
42) 1,2-Dichloroethane	8.458	62	73271	3.286	ug/l	79
43) Isopropyl Acetate	8.429	43	22013706	523.134	ug/l #	55
45) 1,2-Dichloropropane	9.537	63	34241	1.957	ug/l #	1
47) Bromodichloromethane	9.537	83	23782	1.144	ug/l #	1
48) Methyl methacrylate	9.537	41	10243626	510.979	ug/l #	33
49) 1,4-Dioxane	9.574	88	617363	2050.179	ug/l #	27
51) 4-Methyl-2-Pentanone	10.330	43	1906872	71.016	ug/l	98
52) Toluene	10.505	92	6394297	166.247	ug/l	95
53) t-1,3-Dichloropropene	10.577	75	8187655	311.492	ug/l #	44
54) cis-1,3-Dichloropropene	10.161	75	22012	0.883	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	3524	0.233	ug/l #	37
56) Ethyl methacrylate	10.692	69	585358	21.733	ug/l #	1
57) 1,3-Dichloropropane	11.089	76	159958	5.980	ug/l #	47

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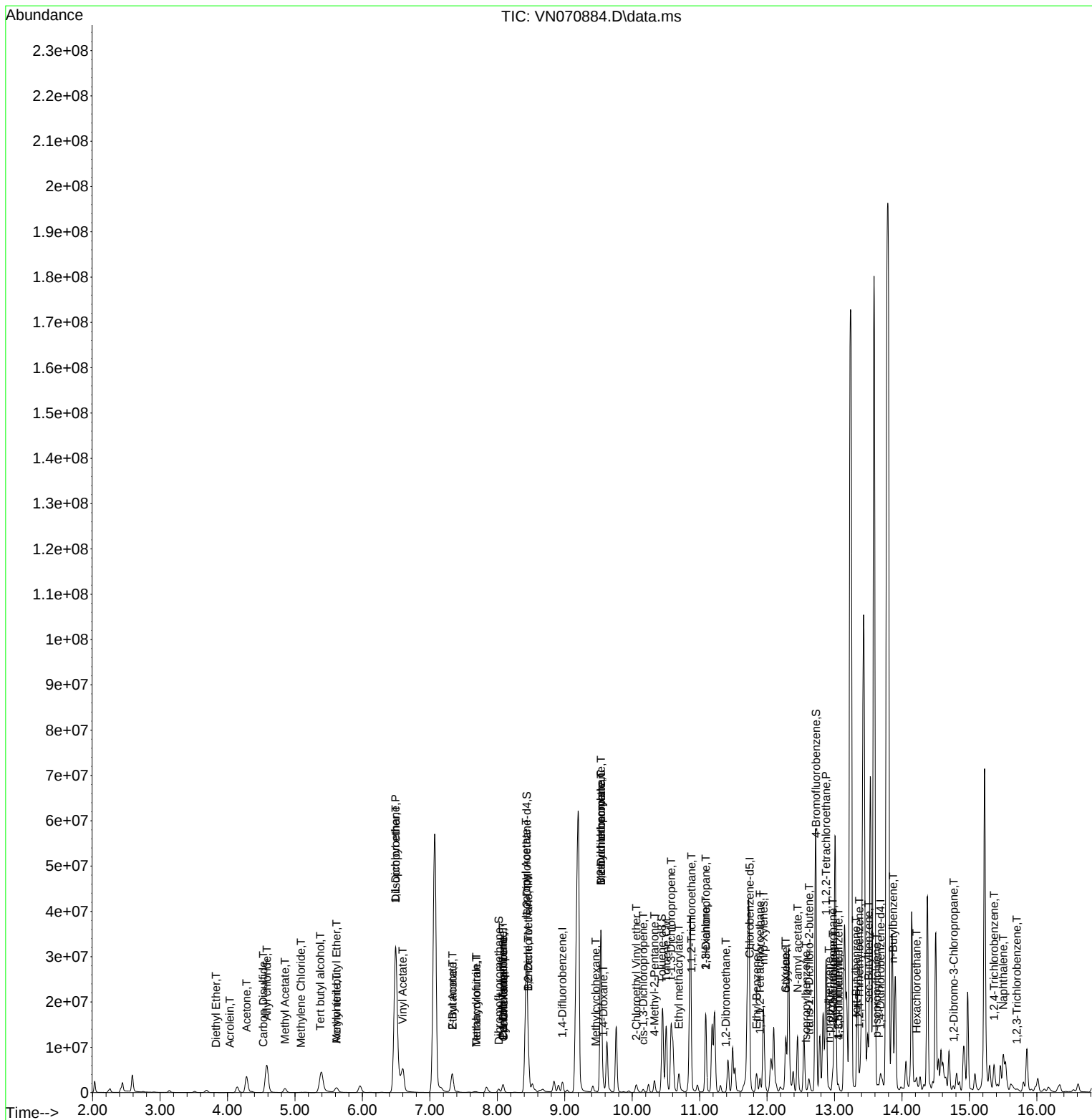
Instrument :
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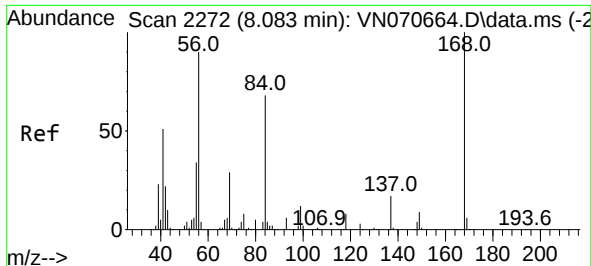
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
58) 2-Chloroethyl Vinyl ether	10.060	63	1756	21.457	ug/l #	45	
59) 2-Hexanone	11.089	43	3554704	182.234	ug/l #	61	
61) 1,2-Dibromoethane	11.387	107	3046	0.201	ug/l #	11	
66) 1,1,1,2-Tetrachloroethane	11.894	131	9777	0.766	ug/l #	8	
67) Ethyl Benzene	11.843	91	2670397	38.853	ug/l	96	
68) m/p-Xylenes	11.948	106	5620349	224.784	ug/l	95	
69) o-Xylene	12.278	106	3038027	122.437	ug/l	92	
70) Styrene	12.278	104	154697	3.897	ug/l #	1	
73) Isopropylbenzene	12.575	105	261226	3.254	ug/l	98	
74) N-amyl acetate	12.452	43	2204780	67.170	ug/l #	11	
75) 1,1,2,2-Tetrachloroethane	12.873	83	3194731	117.833	ug/l #	25	
76) 1,2,3-Trichloropropane	12.975	75	124988	5.553	ug/l	93	
78) n-propylbenzene	12.919	91	217223	2.419	ug/l	97	
79) 2-Chlorotoluene	12.978	91	161143	2.837	ug/l #	1	
80) 1,3,5-Trimethylbenzene	13.058	105	729407	11.235	ug/l	98	
81) trans-1,4-Dichloro-2-b...	12.624	75	74489	9.860	ug/l #	61	
82) 4-Chlorotoluene	13.058	91	73439	1.384	ug/l #	38	
83) tert-Butylbenzene	13.321	119	49526	0.876	ug/l #	41	
84) 1,2,4-Trimethylbenzene	13.366	105	1852597	29.687	ug/l	90	
85) sec-Butylbenzene	13.503	105	62189	0.809	ug/l	85	
86) p-Isopropyltoluene	13.624	119	82808	1.372	ug/l #	77	
89) n-Butylbenzene	13.868	91	74611	1.499	ug/l	77	
90) Hexachloroethane	14.217	117	115465	10.945	ug/l #	6	
92) 1,2-Dibromo-3-Chloropr...	14.769	75	3583	0.779	ug/l	66	
93) 1,2,4-Trichlorobenzene	15.364	180	56157	6.762	ug/l #	14	
95) Naphthalene	15.501	128	6650944	141.137	ug/l #	95	
96) 1,2,3-Trichlorobenzene	15.702	180	3708	3.447	ug/l #	1	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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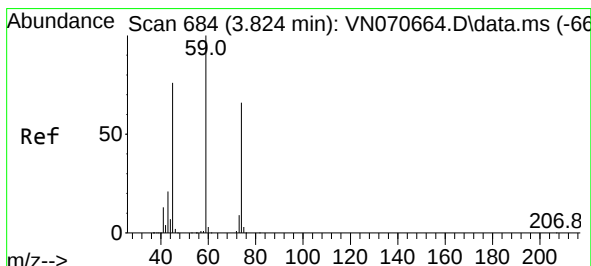
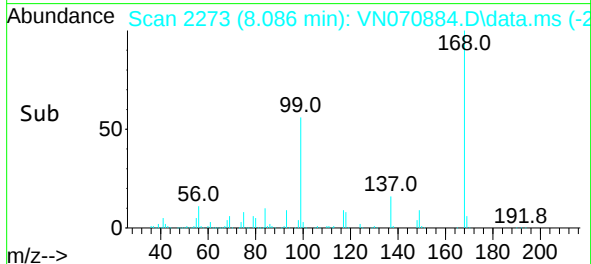
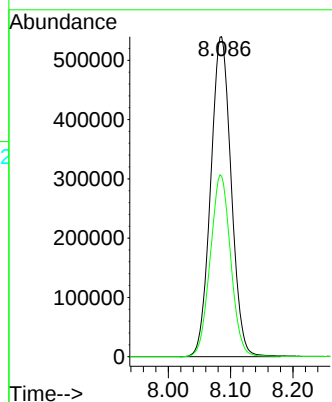
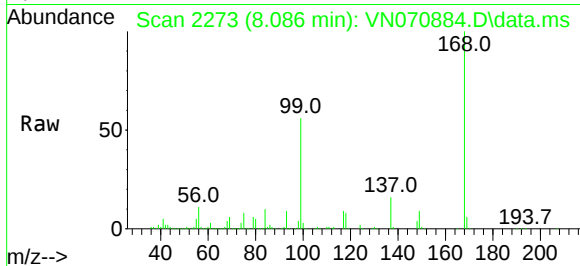




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070884.D
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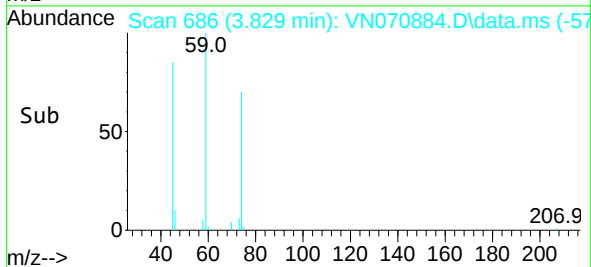
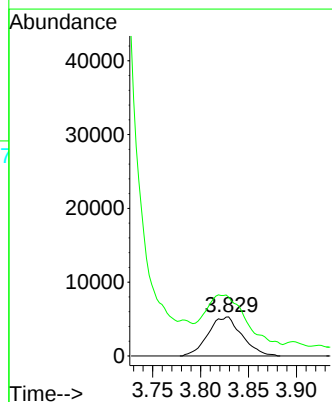
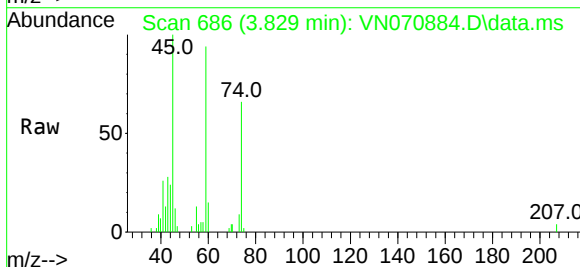
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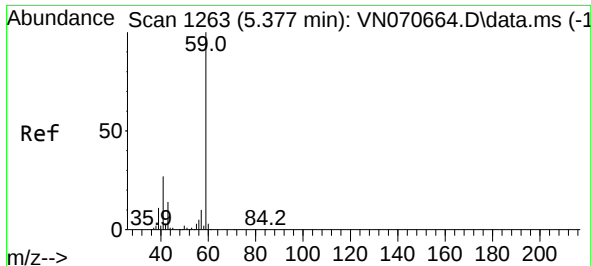
Tgt Ion:168 Resp: 1234351
Ion Ratio Lower Upper
168 100
99 56.4 41.3 61.9



#8
Diethyl Ether
Concen: 1.315 ug/l
RT: 3.829 min Scan# 686
Delta R.T. 0.005 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 74 Resp: 13014
Ion Ratio Lower Upper
74 100
45 0.0 47.0 141.2#

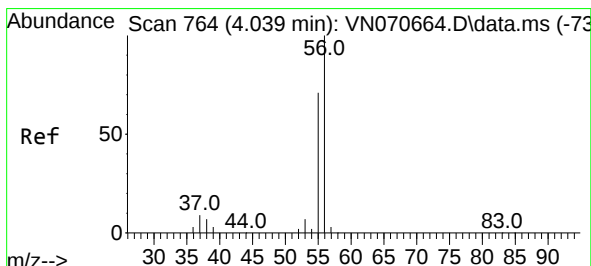
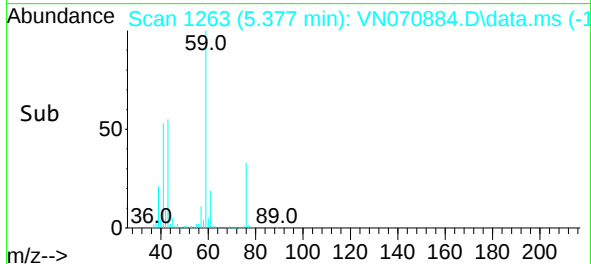
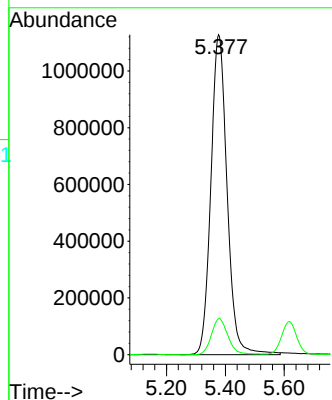
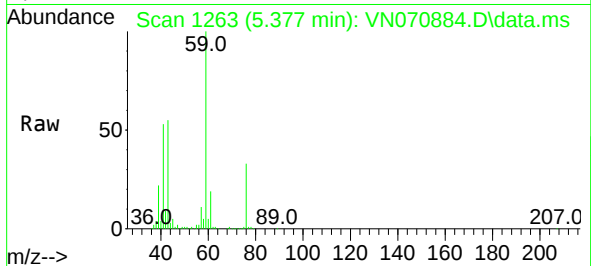




#11
Tert butyl alcohol
Concen: 1351.746 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

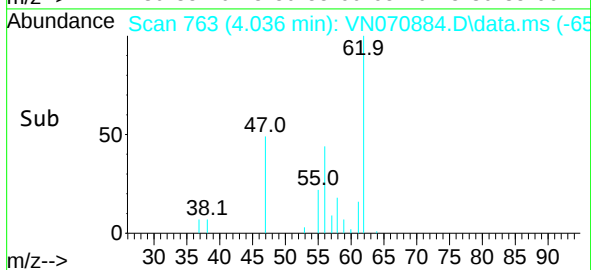
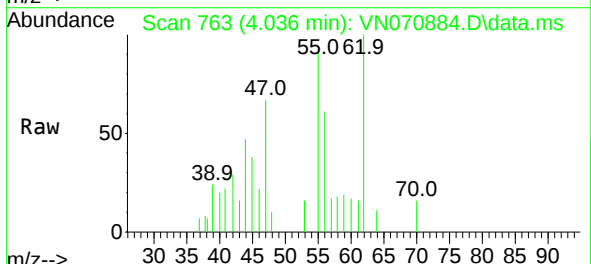
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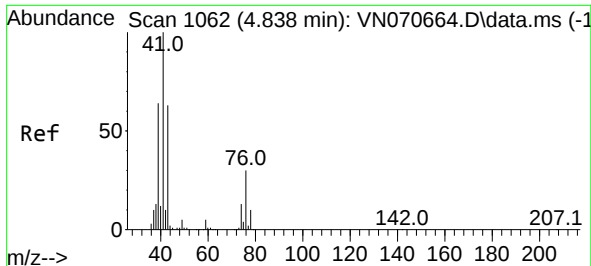
Tgt Ion: 59 Resp: 4314154
Ion Ratio Lower Upper
59 100
57 11.6 8.7 13.1



#13
Acrolein
Concen: 0.228 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 56 Resp: 1043
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

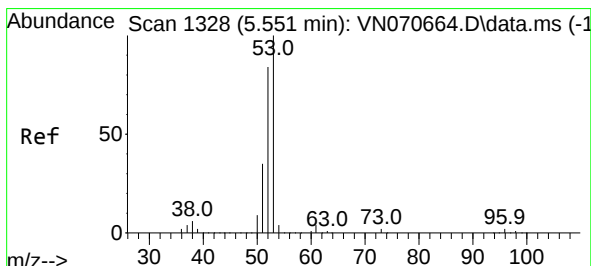
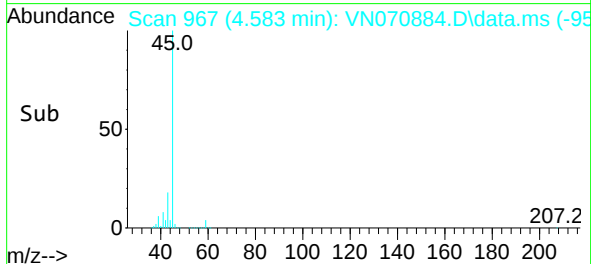
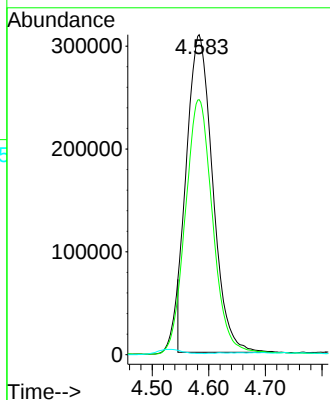
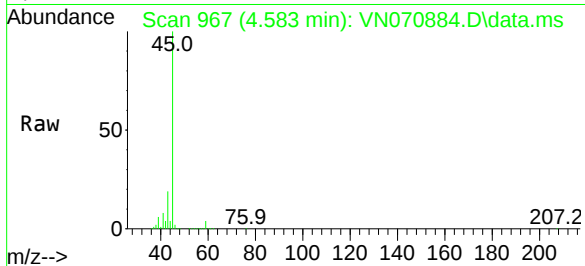




#14
 Allyl chloride
 Concen: 33.088 ug/l
 RT: 4.583 min Scan# 91
 Delta R.T. -0.255 min
 Lab File: VN070884.D
 Acq: 1 Feb 2022 20:43

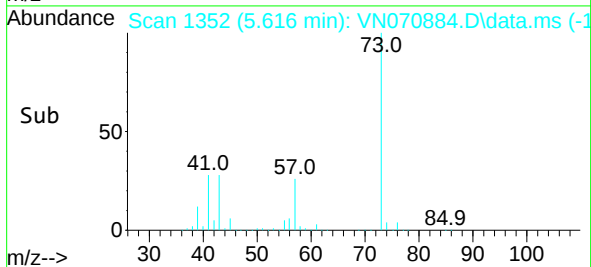
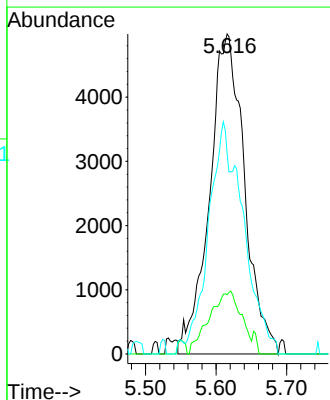
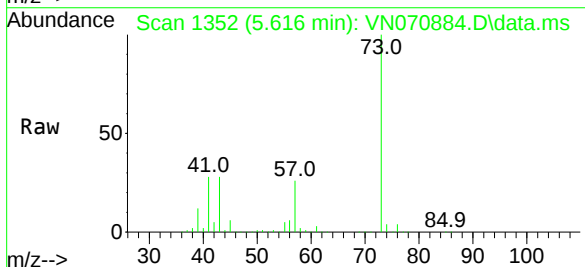
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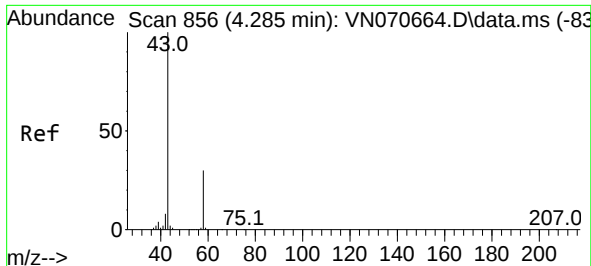
Tgt Ion: 41 Resp: 984456
 Ion Ratio Lower Upper
 41 100
 39 78.4 61.2 91.8
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 1.686 ug/l
 RT: 5.616 min Scan# 1352
 Delta R.T. 0.065 min
 Lab File: VN070884.D
 Acq: 1 Feb 2022 20:43

Tgt Ion: 53 Resp: 17117
 Ion Ratio Lower Upper
 53 100
 52 18.0 66.2 99.2#
 51 39.7 29.6 44.4

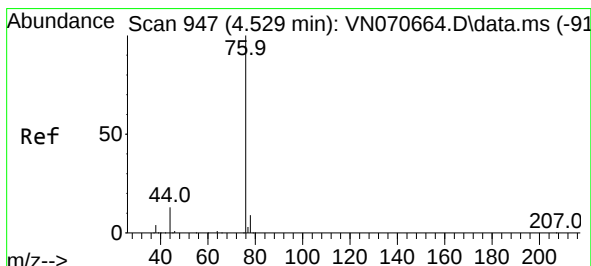
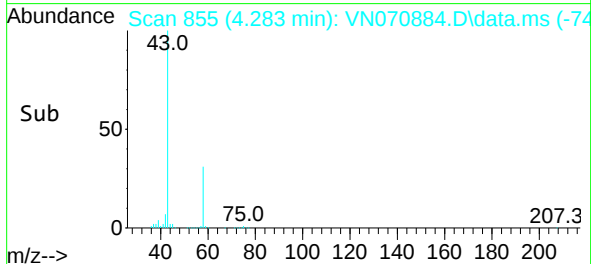
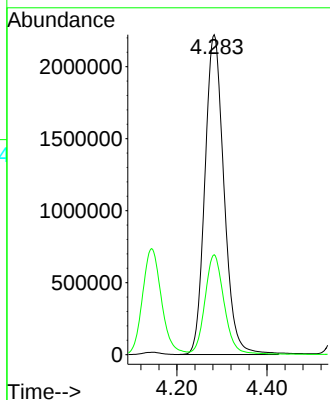
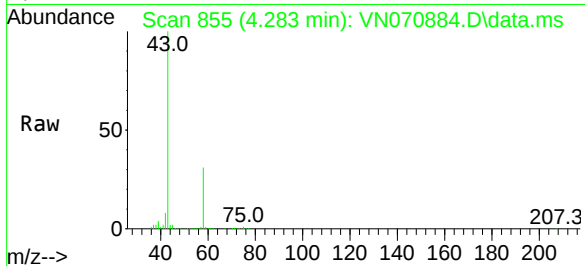




#16
Acetone
Concen: 532.619 ug/l
RT: 4.283 min Scan# 856
Delta R.T. -0.002 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

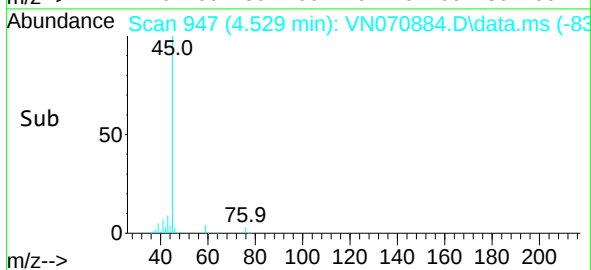
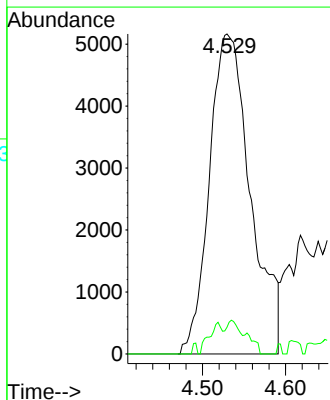
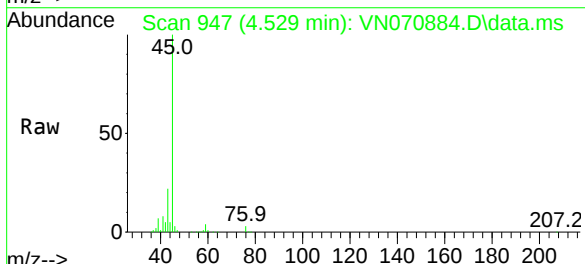
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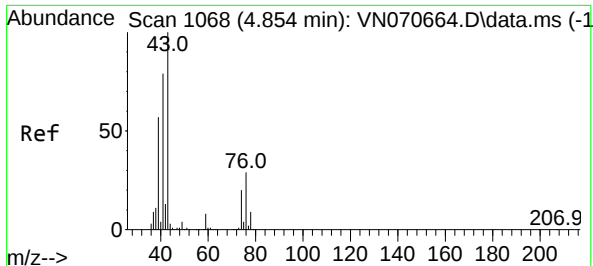
Tgt Ion: 43 Resp: 6539644
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7



#17
Carbon Disulfide
Concen: 0.479 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 76 Resp: 17752
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3





#18

Methyl Acetate

Concen: 78.310 ug/l

RT: 4.851 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070884.D

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Instrument :

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ClientSampleId :

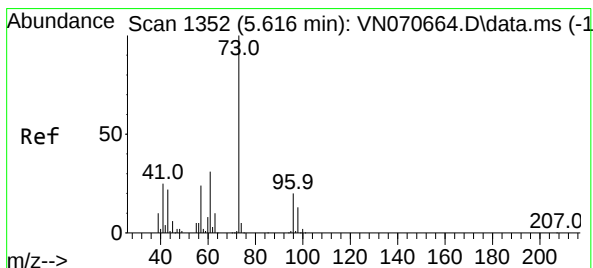
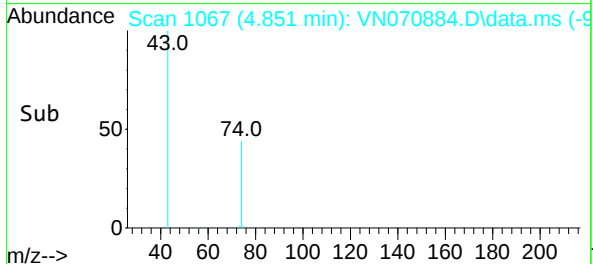
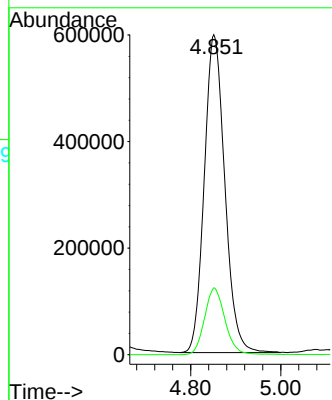
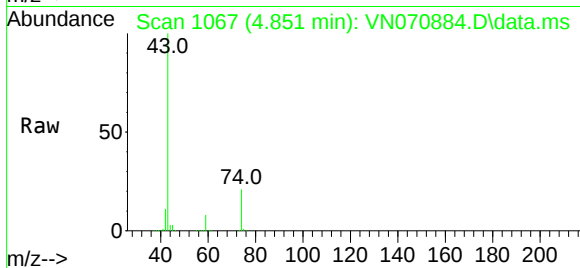
31538

Tgt Ion: 43 Resp: 1890941

Ion Ratio Lower Upper

43 100

74 20.8 19.4 29.2



#19

Methyl tert-butyl Ether

Concen: 32.455 ug/l

RT: 5.616 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VN070884.D

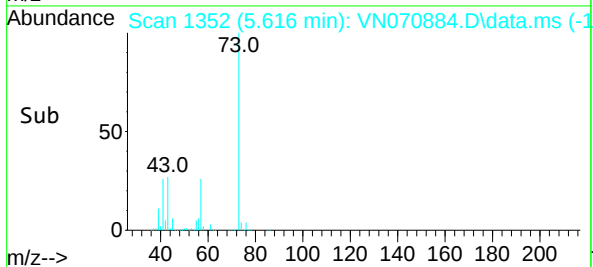
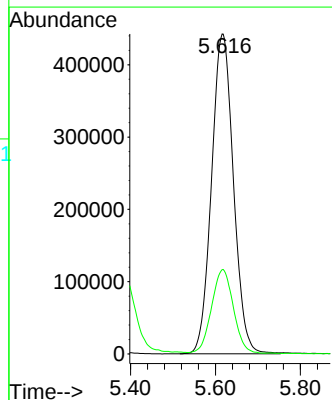
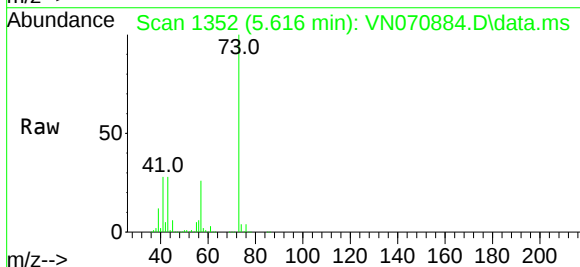
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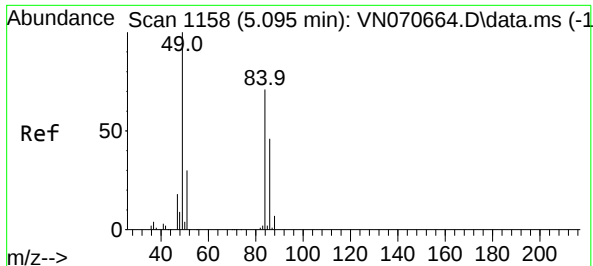
Tgt Ion: 73 Resp: 1583250

Ion Ratio Lower Upper

73 100

57 26.2 16.8 25.2#





#20

Methylene Chloride

Concen: 1.594 ug/l

RT: 5.090 min Scan# 1158

Delta R.T. -0.005 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 84 Resp: 25782

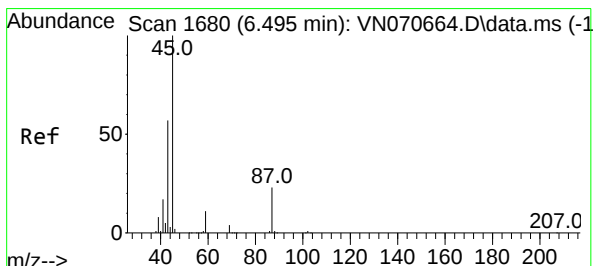
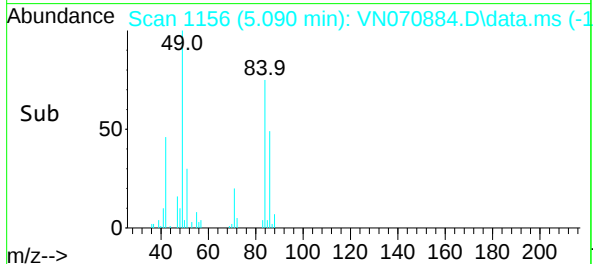
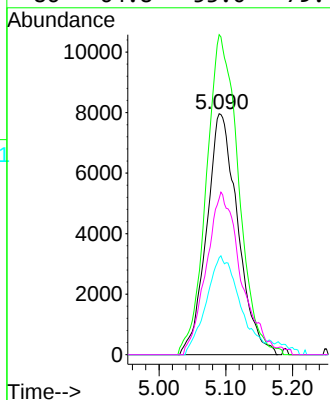
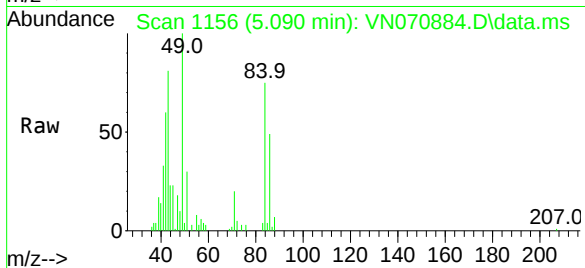
Ion Ratio Lower Upper

84 100

49 132.8 93.5 140.3

51 40.2 29.4 44.2

86 64.8 53.0 79.4



#22

Diisopropyl ether

Concen: 25.685 ug/l

RT: 6.493 min Scan# 1679

Delta R.T. -0.002 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

Tgt Ion: 45 Resp: 1514719

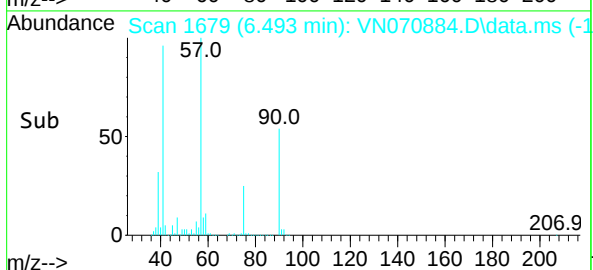
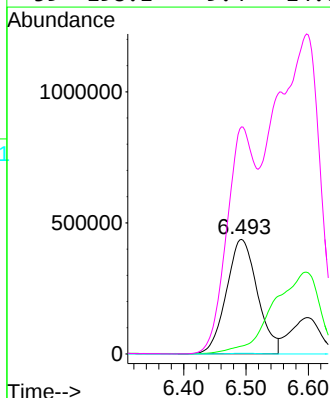
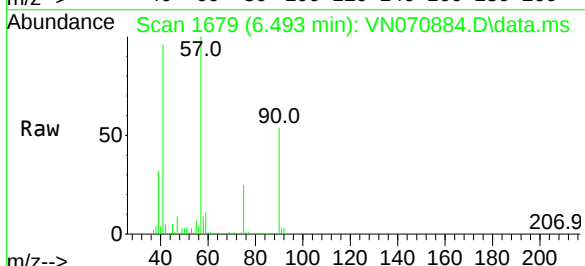
Ion Ratio Lower Upper

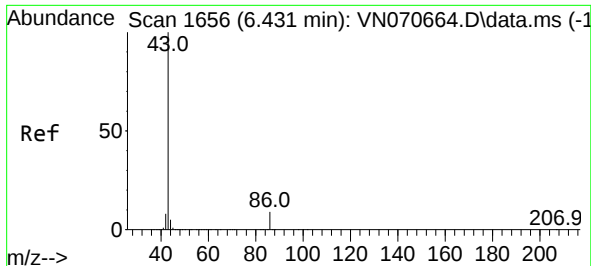
45 100

43 6.5 51.7 77.5#

87 0.6 23.2 34.8#

59 198.1 9.4 14.0#

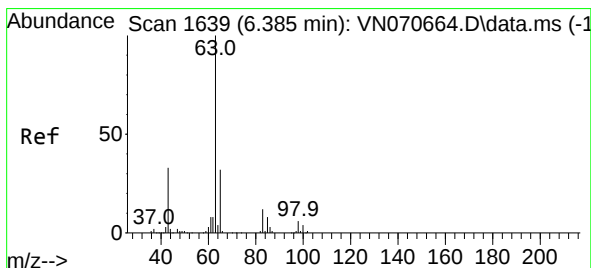
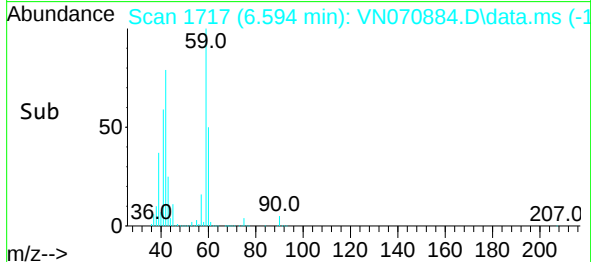
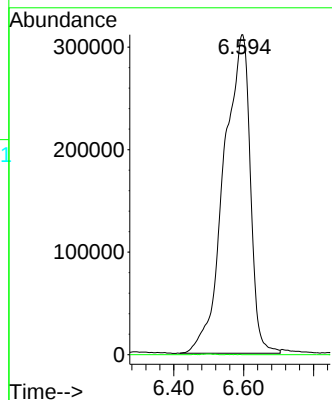
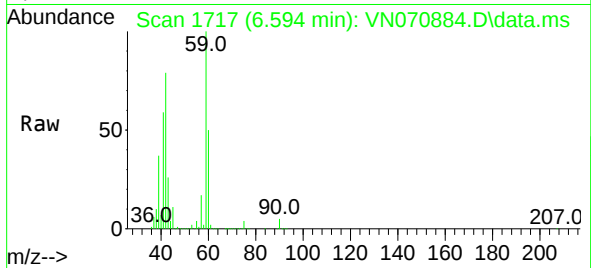




#23
 Vinyl Acetate
 Concen: 32.529 ug/l
 RT: 6.594 min Scan# 11
 Delta R.T. 0.163 min
 Lab File: VN070884.D
 Acq: 1 Feb 2022 20:43

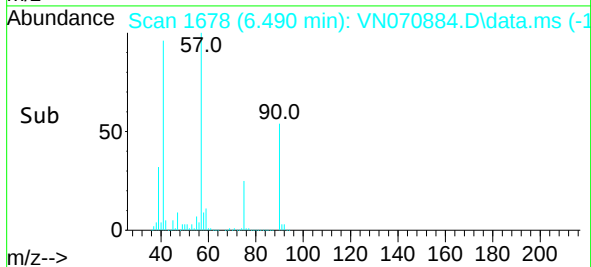
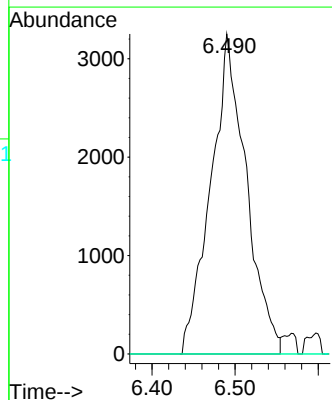
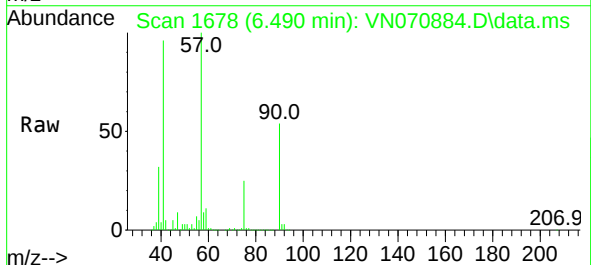
Instrument :
 MSVOA_N
 ClientSampleId :
 31538

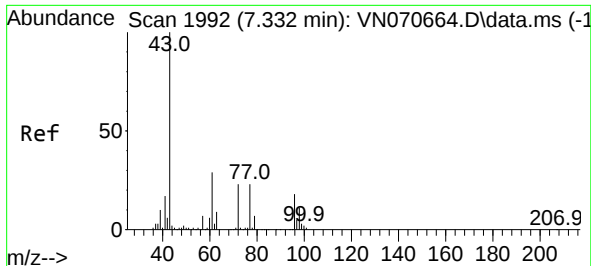
Tgt Ion: 43 Resp: 1626171
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 0.327 ug/l
 RT: 6.490 min Scan# 1678
 Delta R.T. 0.105 min
 Lab File: VN070884.D
 Acq: 1 Feb 2022 20:43

Tgt Ion: 63 Resp: 9661
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 385.112 ug/l

RT: 7.335 min Scan# 1992

Delta R.T. 0.003 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

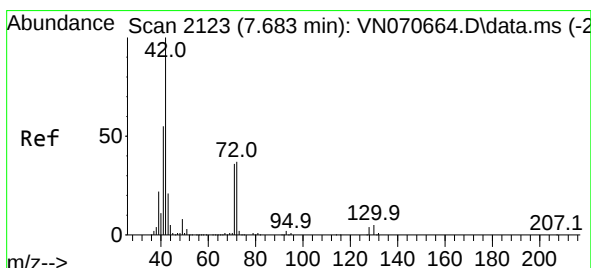
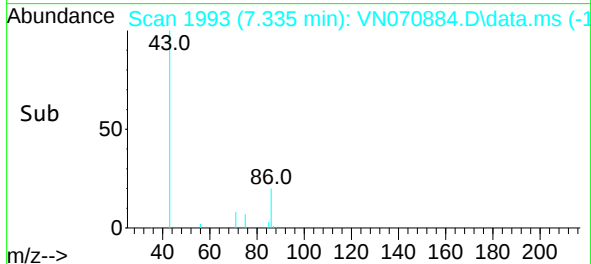
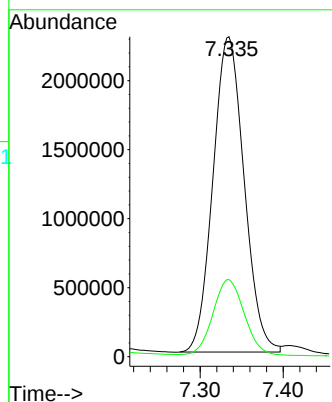
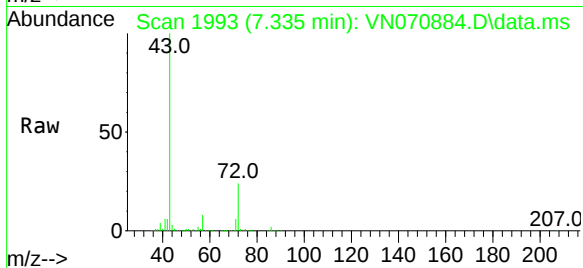
31538

Tgt Ion: 43 Resp: 5950089

Ion Ratio Lower Upper

43 100

72 23.9 21.7 32.5



#29

Tetrahydrofuran

Concen: 9.692 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. 0.006 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

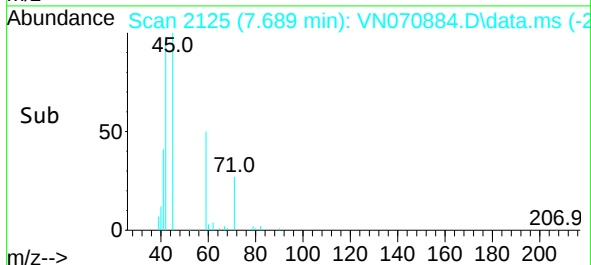
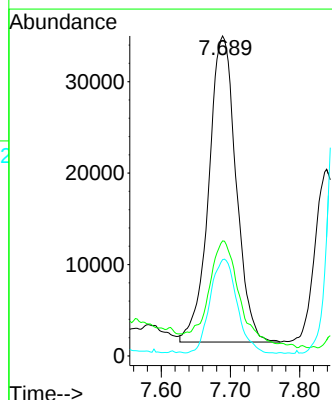
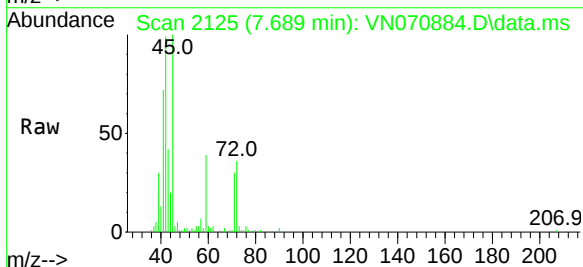
Tgt Ion: 42 Resp: 91686

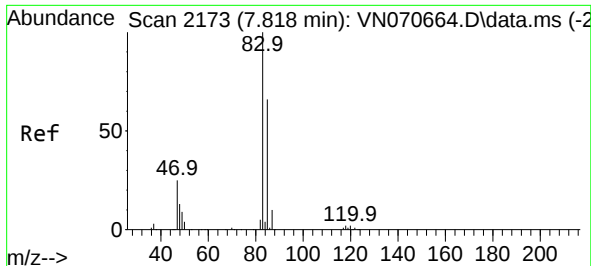
Ion Ratio Lower Upper

42 100

72 35.8 36.3 54.5#

71 30.4 34.7 52.1#

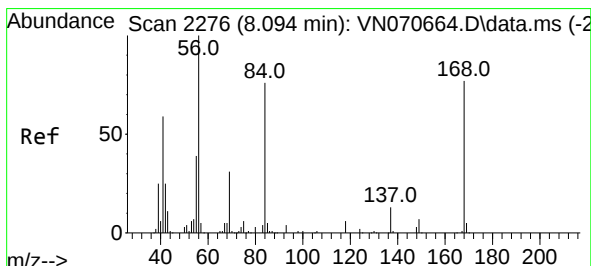
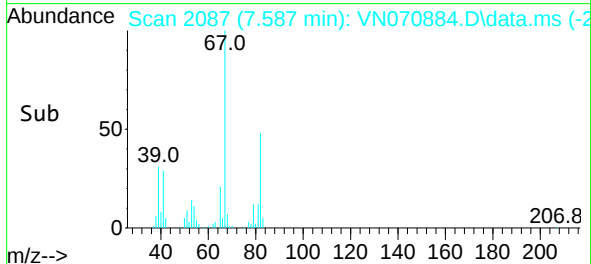
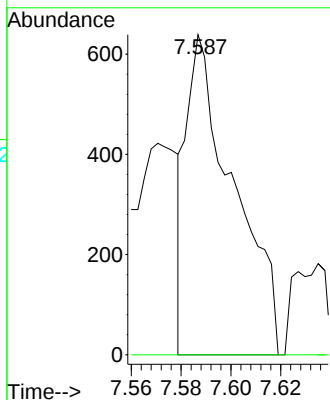
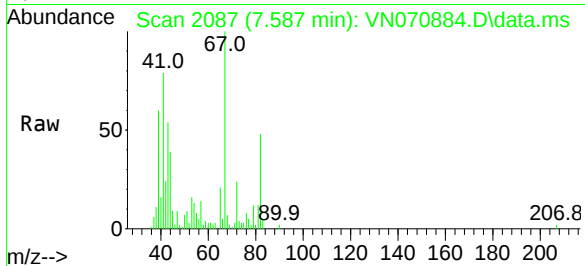




#30
Chloroform
Concen: Below Cal
RT: 7.587 min Scan# 2087
Delta R.T. -0.231 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

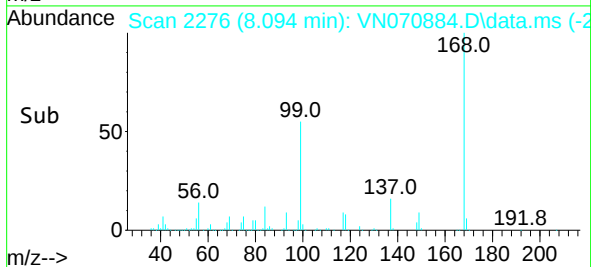
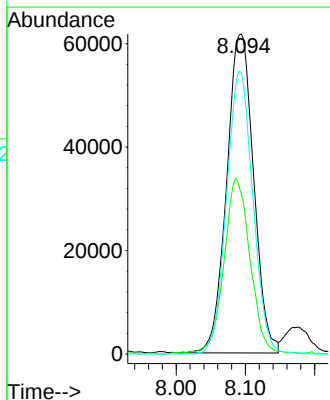
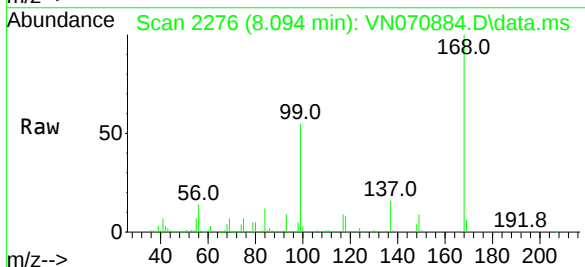
Instrument :
MSVOA_N
ClientSampleId :
31538

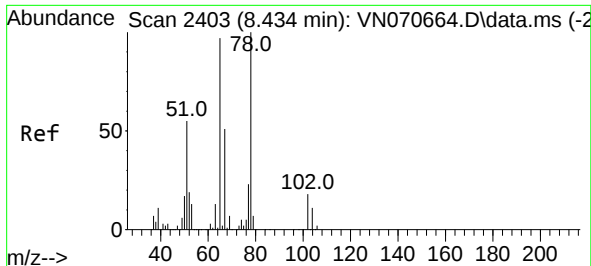
Tgt Ion: 83 Resp: 840
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



#31
Cyclohexane
Concen: 5.363 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 56 Resp: 167054
Ion Ratio Lower Upper
56 100
69 50.0 27.1 40.7#
84 88.3 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 39.031 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

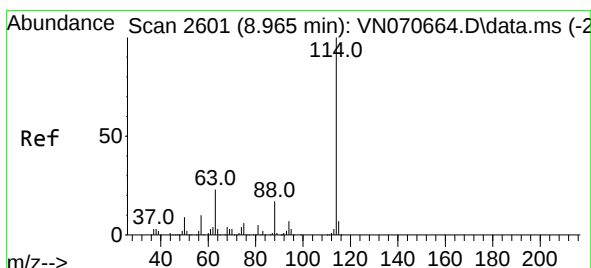
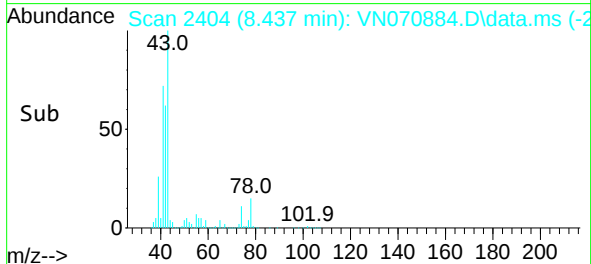
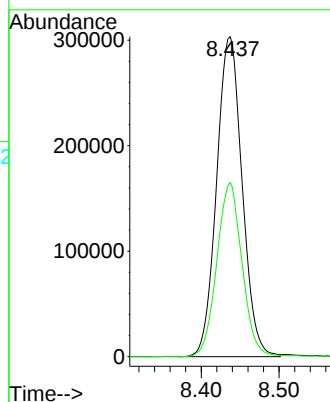
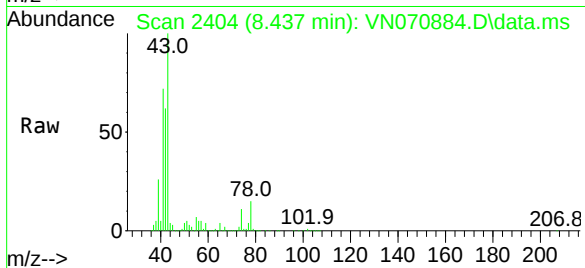
31538

Tgt Ion: 65 Resp: 690467

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

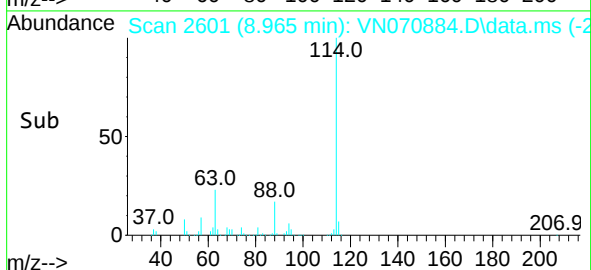
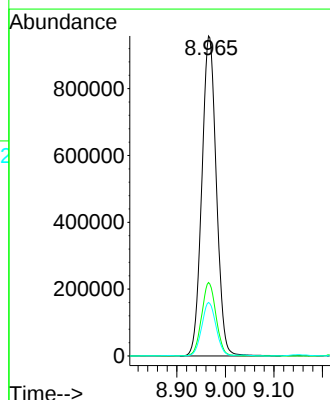
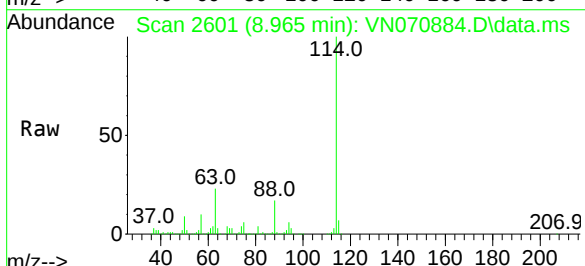
Tgt Ion: 114 Resp: 1987207

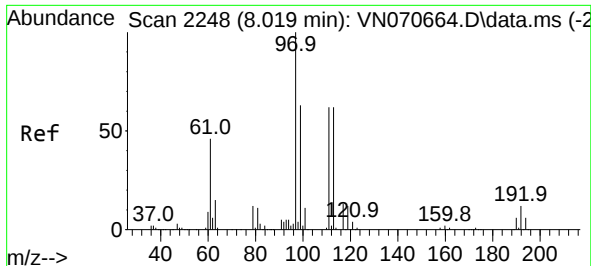
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.7 0.0 27.4

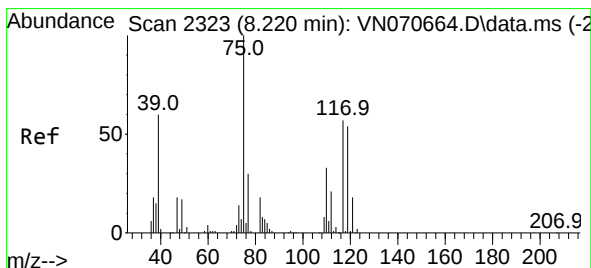
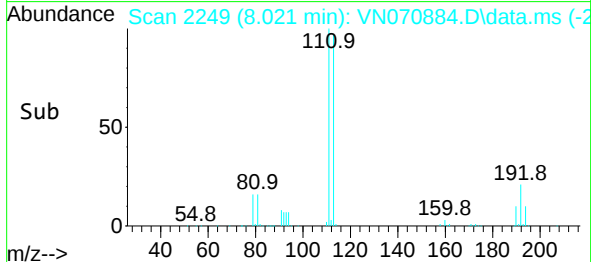
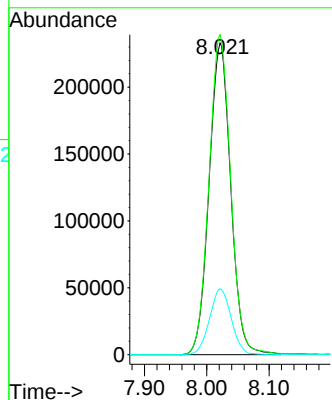
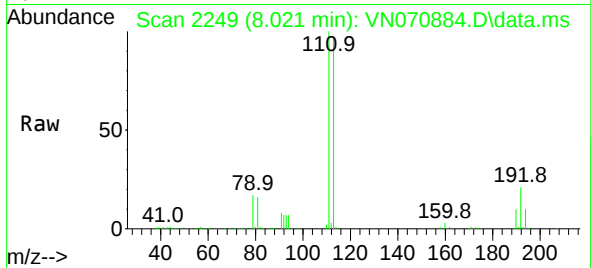




#35
Dibromofluoromethane
Concen: 45.709 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

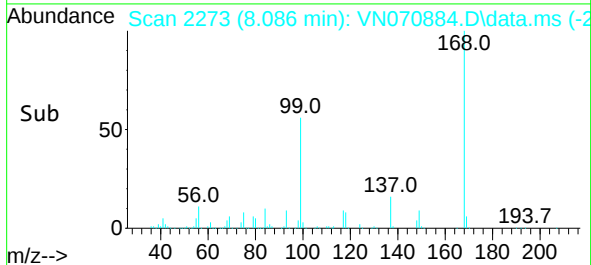
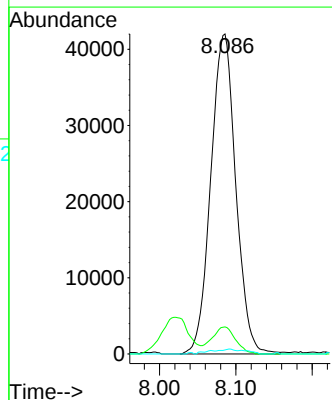
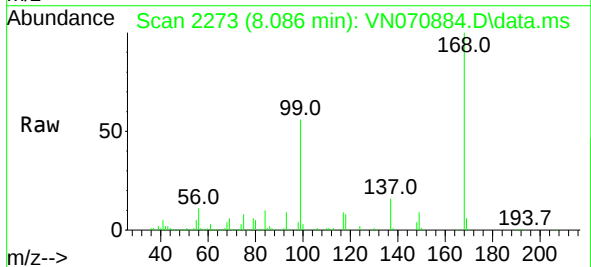
Instrument :
MSVOA_N
ClientSampleId :
31538

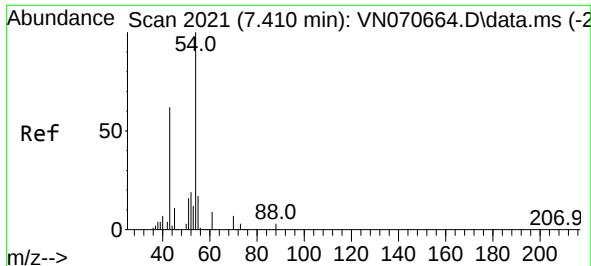
Tgt Ion:113 Resp: 563440
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 21.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 75 Resp: 95624
Ion Ratio Lower Upper
75 100
110 8.0 18.4 55.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 215.972 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.075 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

31538

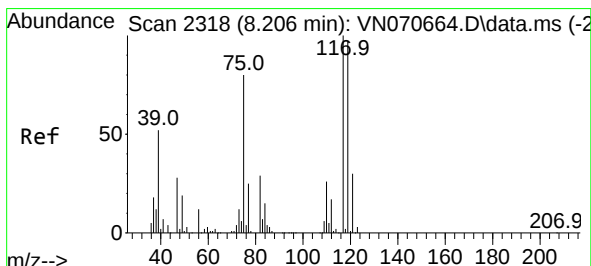
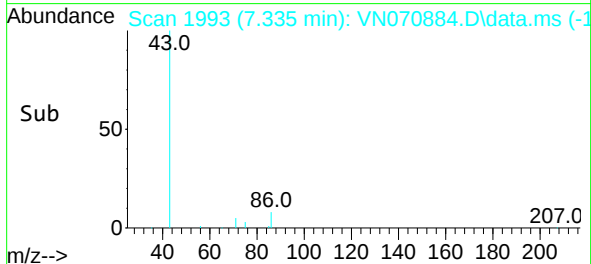
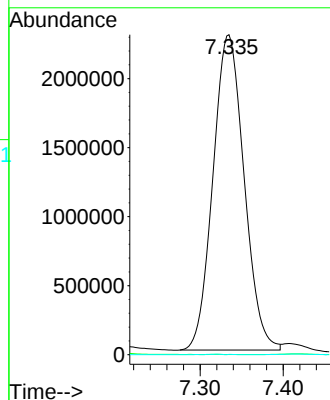
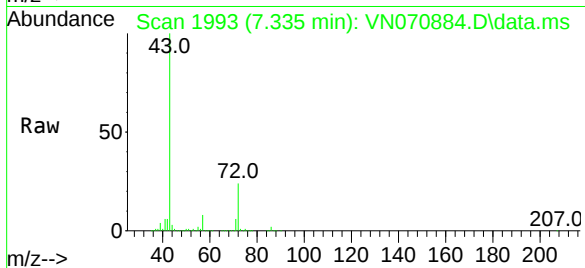
Tgt Ion: 43 Resp: 5950089

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.284 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.123 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

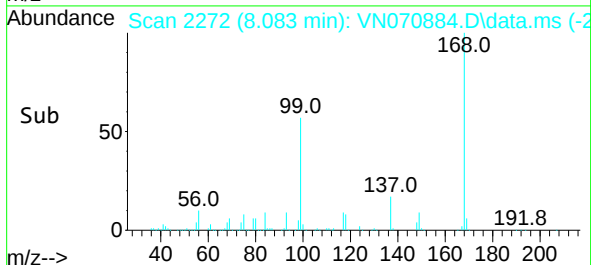
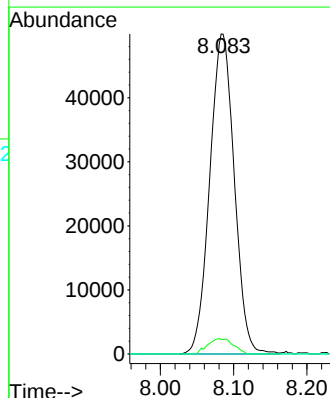
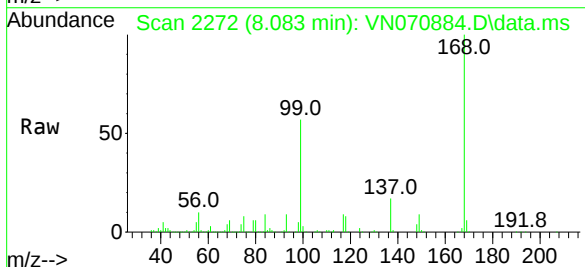
Tgt Ion: 117 Resp: 116015

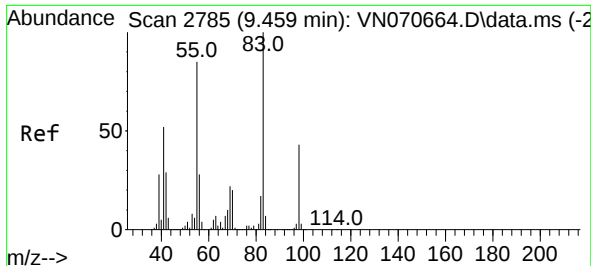
Ion Ratio Lower Upper

117 100

119 4.6 76.1 114.1#

121 0.0 24.2 36.2#

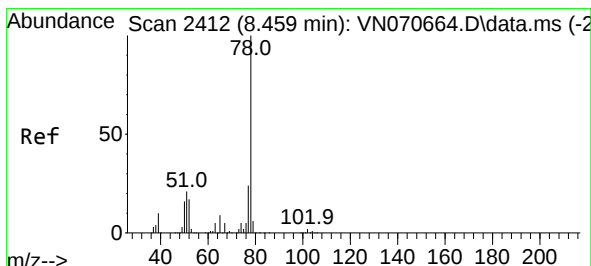
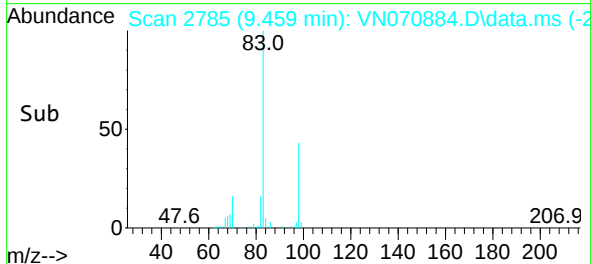
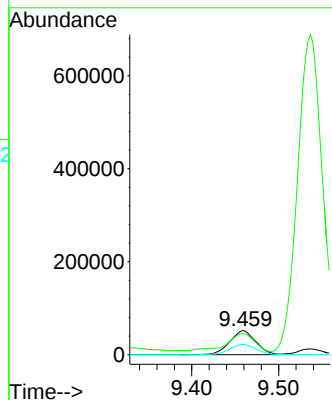
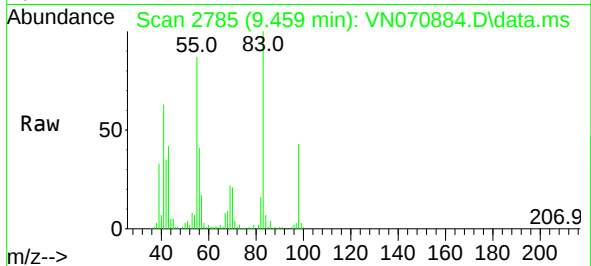




#39
Methylcyclohexane
Concen: 4.201 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

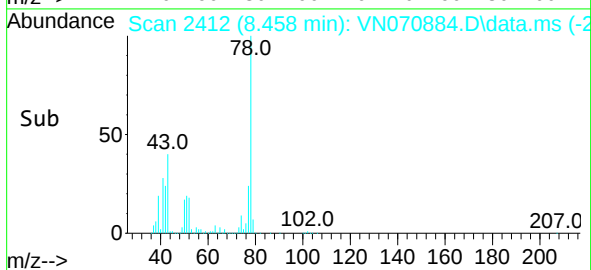
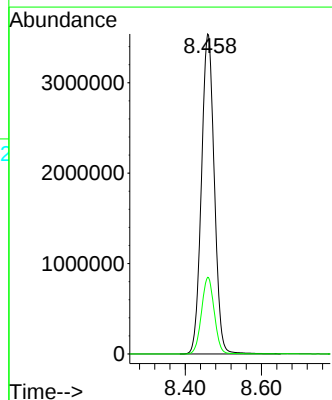
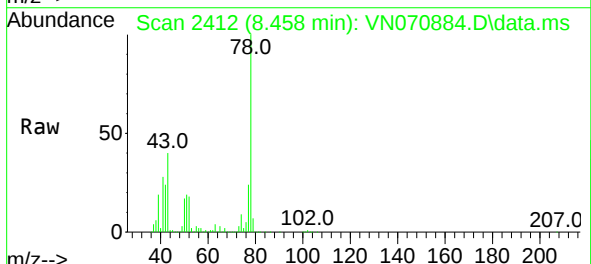
Instrument :
MSVOA_N
ClientSampleId :
31538

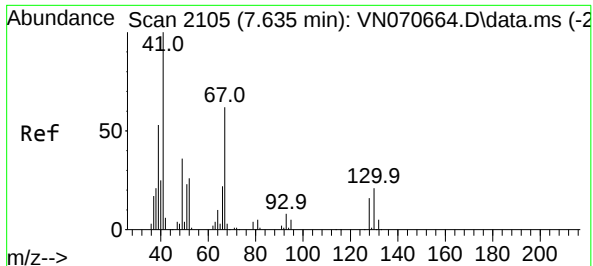
Tgt Ion: 83 Resp: 107628
Ion Ratio Lower Upper
83 100
55 69.7 58.1 87.1
98 42.8 38.4 57.6



#40
Benzene
Concen: 129.048 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

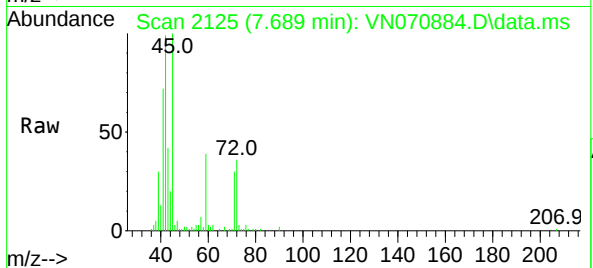
Tgt Ion: 78 Resp: 8297800
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8



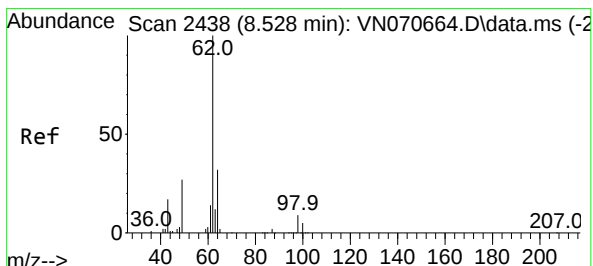
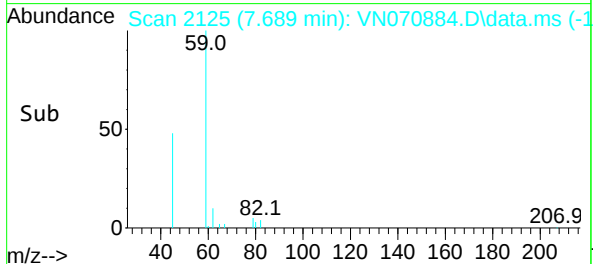
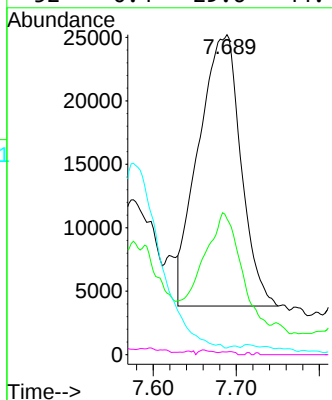


#41
Methacrylonitrile
Concen: 5.408 ug/l
RT: 7.689 min Scan# 2105
Delta R.T. 0.054 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Instrument :
MSVOA_N
ClientSampleId :
31538

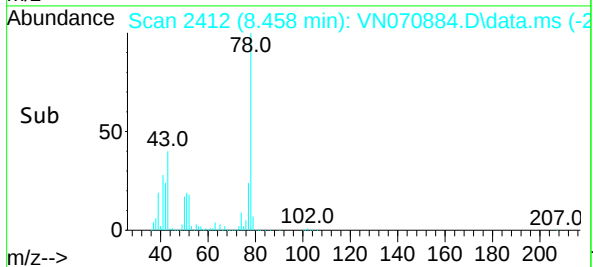
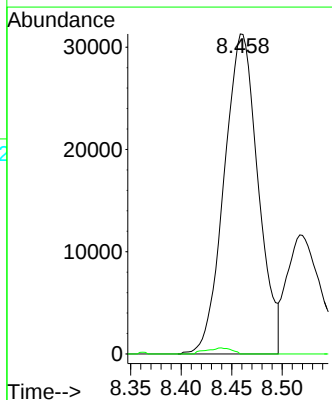
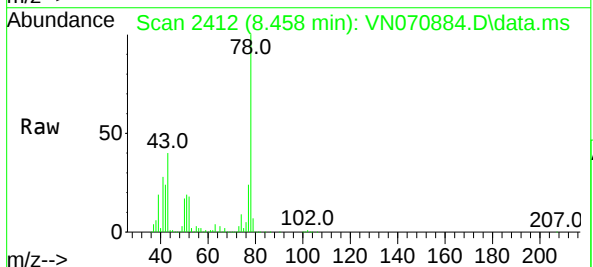


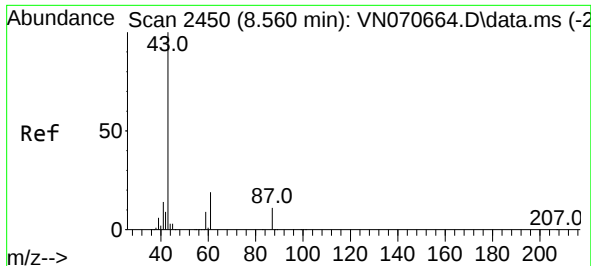
Tgt Ion:	41	Resp:	75805
Ion Ratio	Lower	Upper	
41	100		
39	35.2	48.1	72.1#
67	0.0	68.3	102.5#
52	0.4	29.6	44.4#



#42
1,2-Dichloroethane
Concen: 3.286 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.070 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion:	62	Resp:	73271
Ion Ratio	Lower	Upper	
62	100		
98	1.4	0.0	17.6

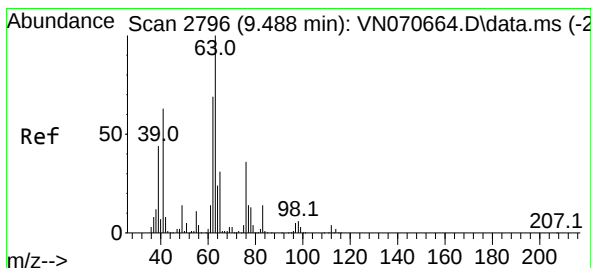
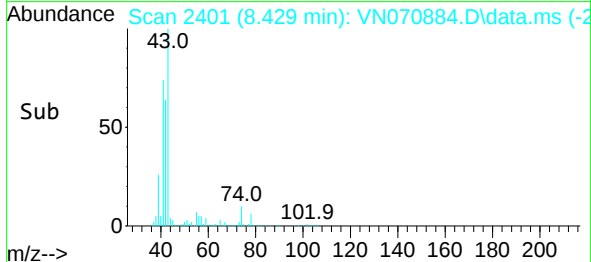
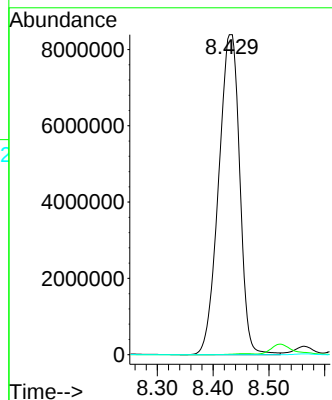
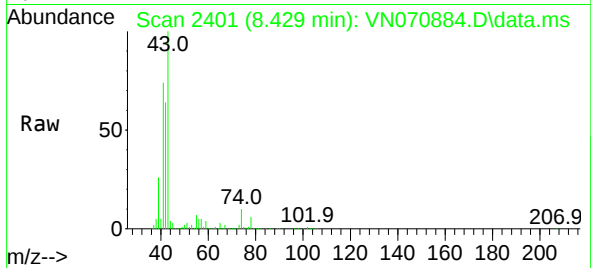




#43
Isopropyl Acetate
Concen: 523.134 ug/l
RT: 8.429 min Scan# 2450
Delta R.T. -0.131 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

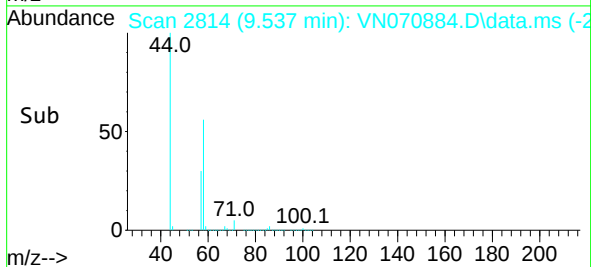
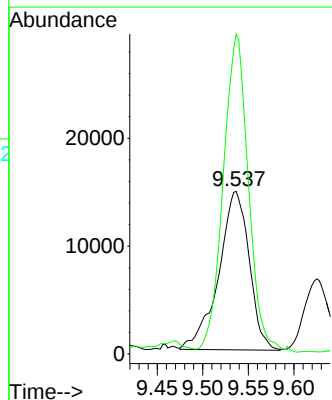
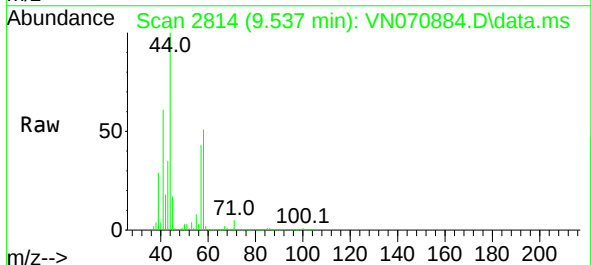
Instrument :
MSVOA_N
ClientSampleId :
31538

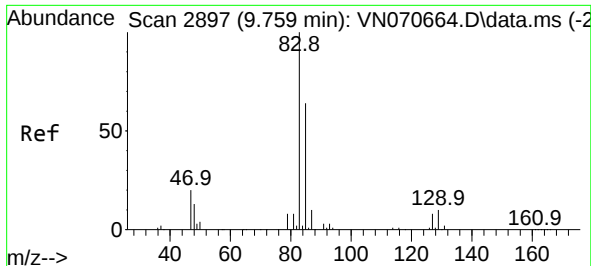
Tgt Ion: 43 Resp:22013706
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 1.957 ug/l
RT: 9.537 min Scan# 2814
Delta R.T. 0.049 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 63 Resp: 34241
Ion Ratio Lower Upper
63 100
65 198.3 24.7 37.1#

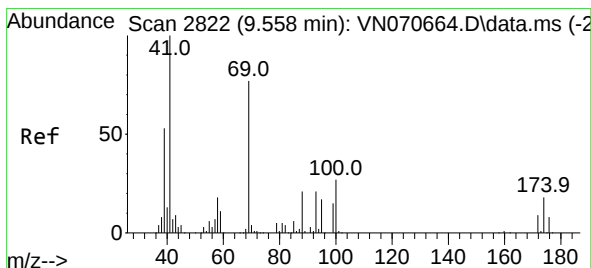
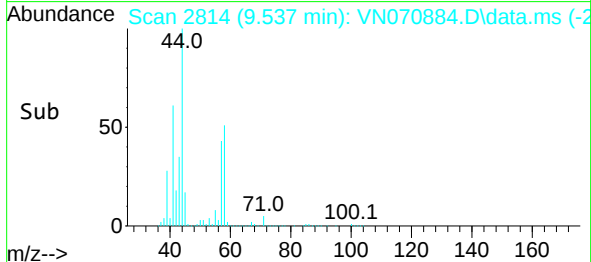
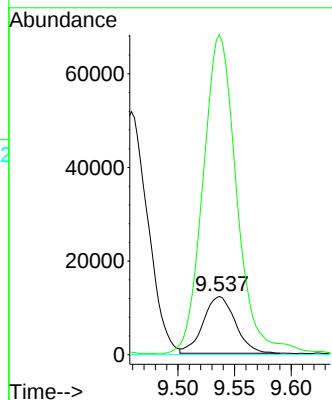
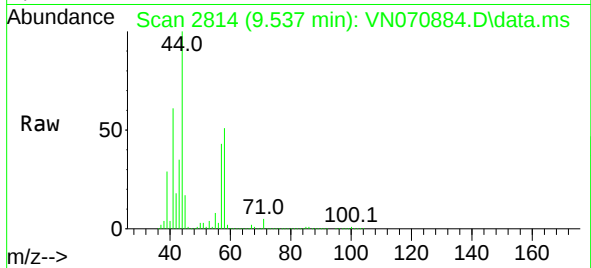




#47
Bromodichloromethane
Concen: 1.144 ug/l
RT: 9.537 min Scan# 2814
Delta R.T. -0.222 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

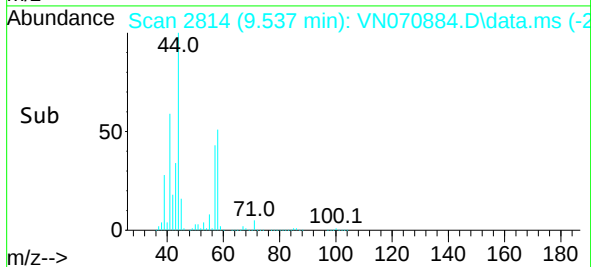
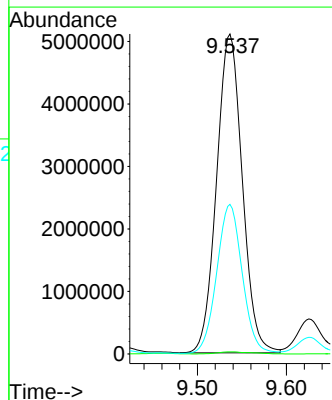
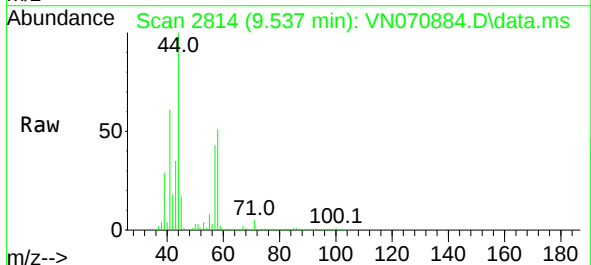
Instrument :
MSVOA_N
ClientSampleId :
31538

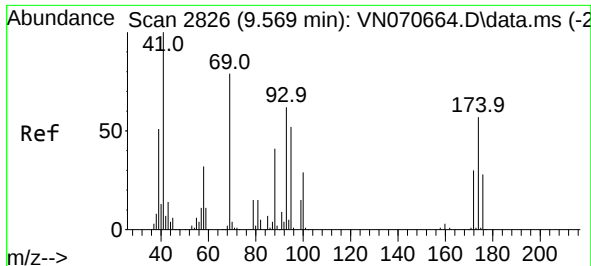
Tgt Ion: 83 Resp: 23782
Ion Ratio Lower Upper
83 100
85 545.3 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 510.979 ug/l
RT: 9.537 min Scan# 2814
Delta R.T. -0.021 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 41 Resp:10243626
Ion Ratio Lower Upper
41 100
69 0.8 72.4 108.6#
39 46.4 58.4 87.6#

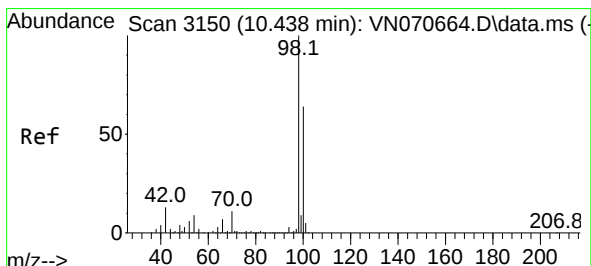
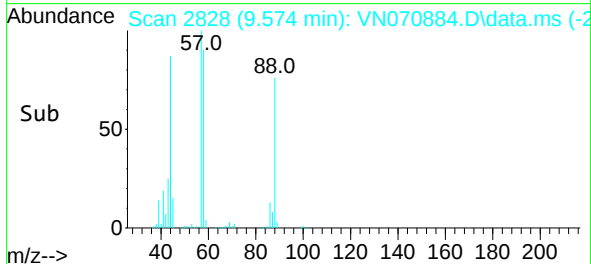
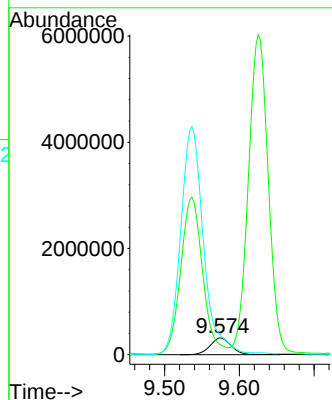
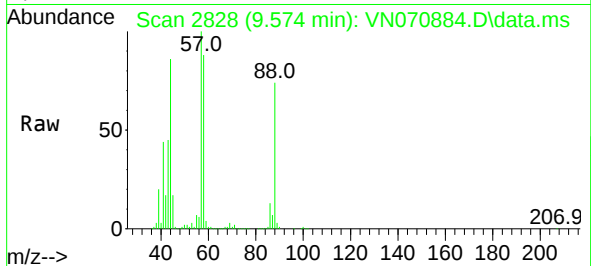




#49
1,4-Dioxane
Concen: 2050.179 ug/l
RT: 9.574 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

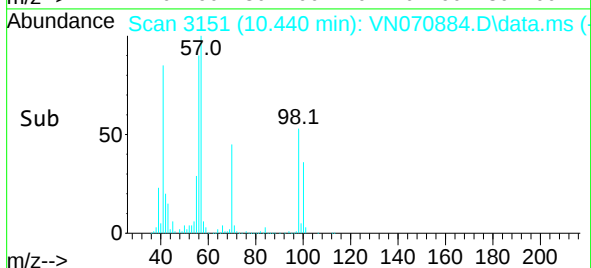
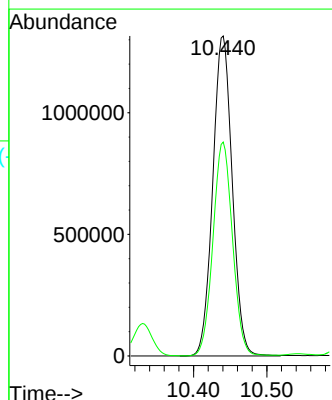
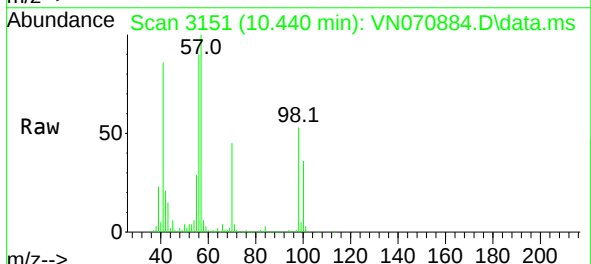
Instrument :
MSVOA_N
ClientSampleId :
31538

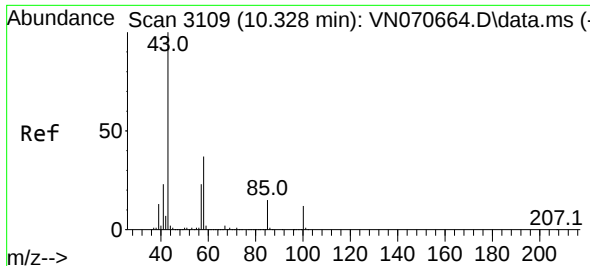
Tgt Ion: 88 Resp: 617363
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#



#50
Toluene-d8
Concen: 46.740 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 98 Resp: 2427147
Ion Ratio Lower Upper
98 100
100 67.1 50.4 75.6

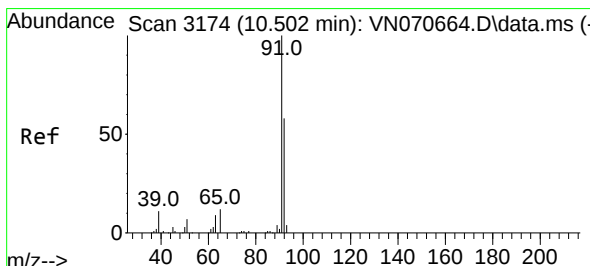
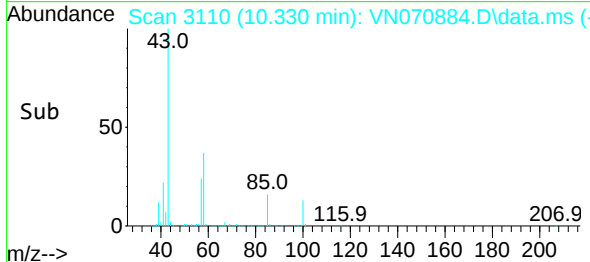
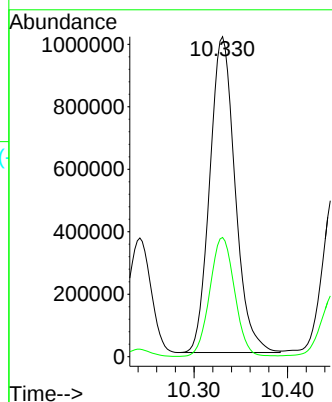
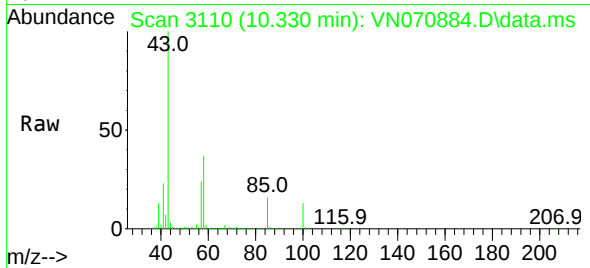




#51
4-Methyl-2-Pentanone
Concen: 71.016 ug/l
RT: 10.330 min Scan# 3109
Delta R.T. 0.002 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

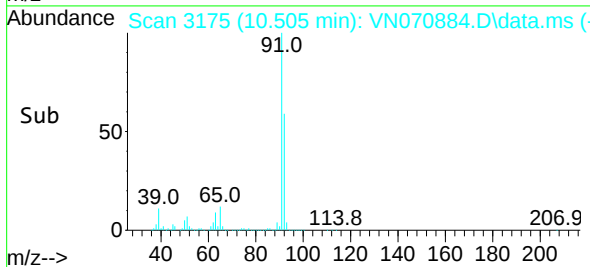
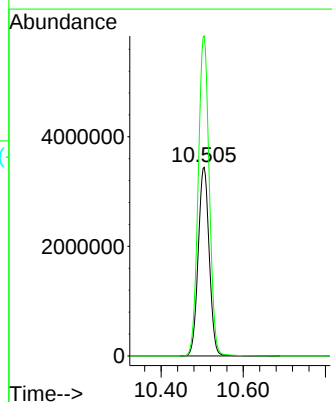
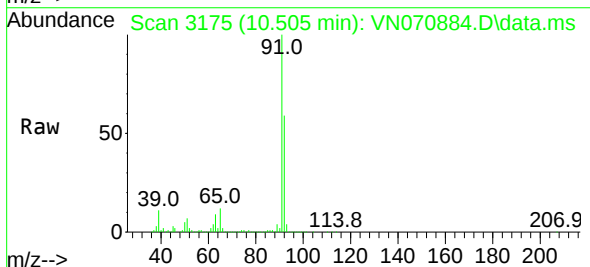
Instrument :
MSVOA_N
ClientSampleId :
31538

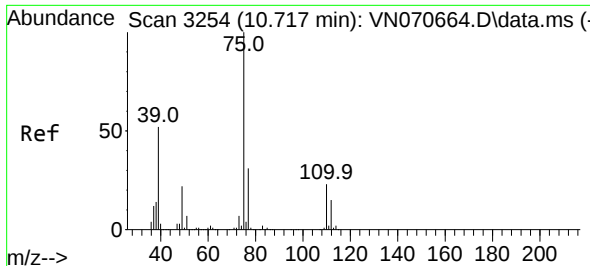
Tgt Ion: 43 Resp: 1906872
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6



#52
Toluene
Concen: 166.247 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 92 Resp: 6394297
Ion Ratio Lower Upper
92 100
91 170.6 142.0 213.0

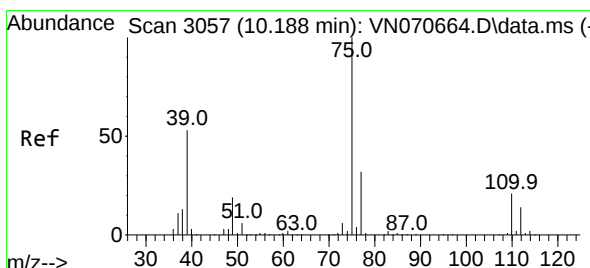
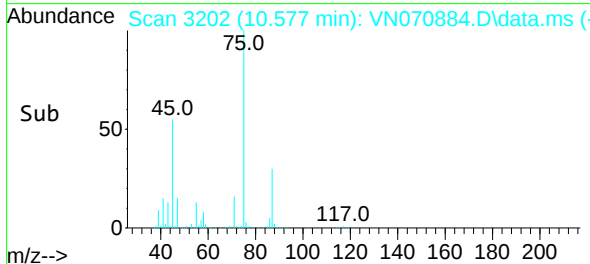
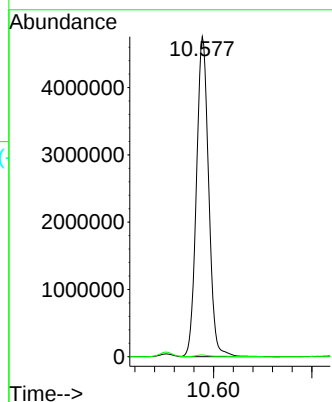
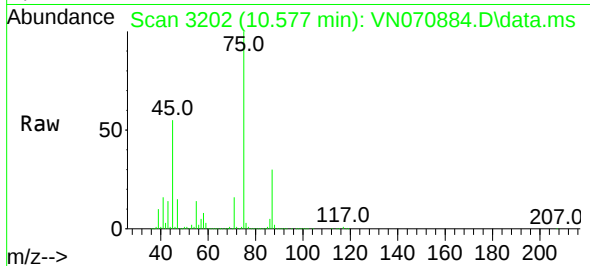




#53
t-1,3-Dichloropropene
Concen: 311.492 ug/l
RT: 10.577 min Scan# 31
Delta R.T. -0.140 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

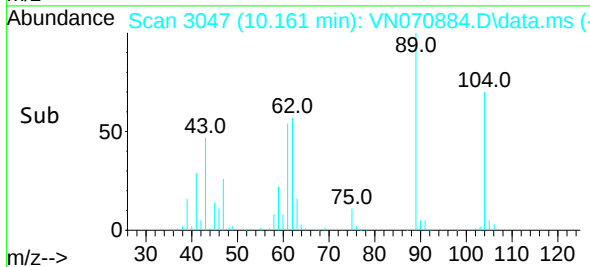
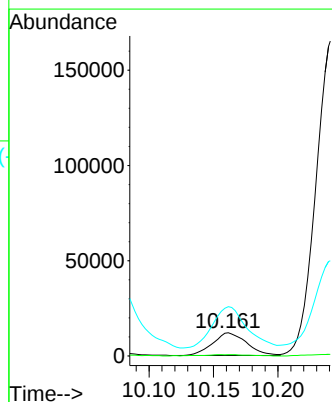
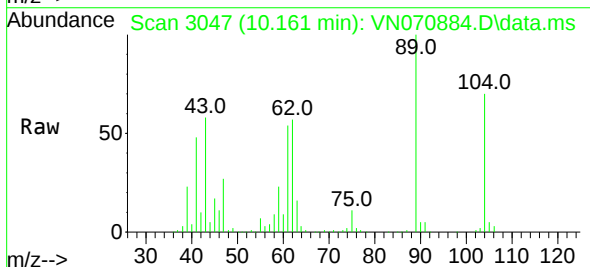
Instrument :
MSVOA_N
ClientSampleId :
31538

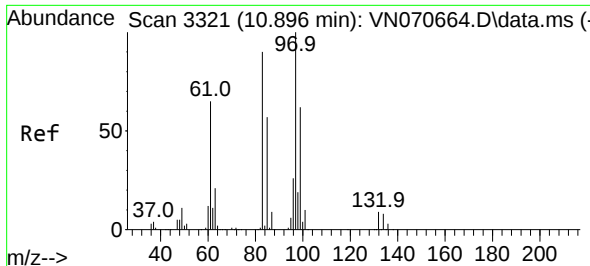
Tgt Ion: 75 Resp: 8187655
Ion Ratio Lower Upper
75 100
77 0.5 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 0.883 ug/l
RT: 10.161 min Scan# 3047
Delta R.T. -0.027 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 75 Resp: 22012
Ion Ratio Lower Upper
75 100
77 5.4 26.4 39.6#
39 180.7 42.5 63.7#

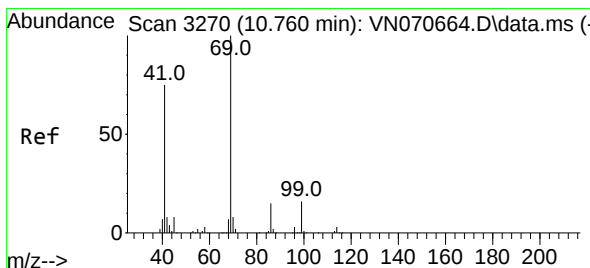
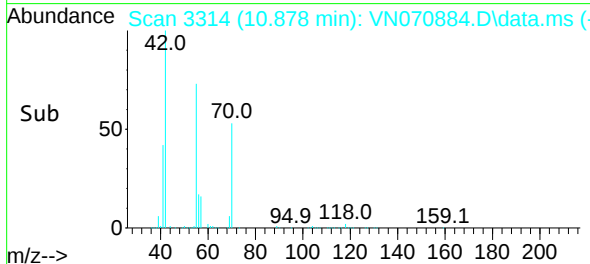
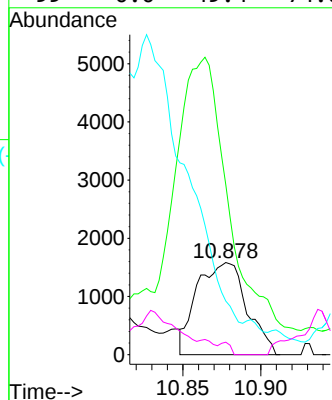
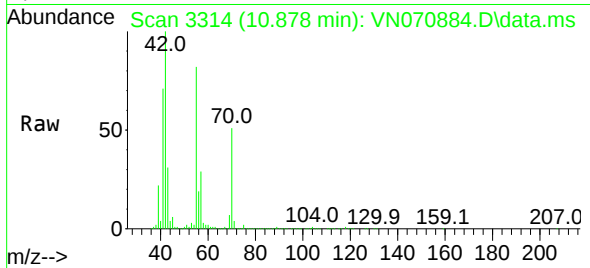




#55
 1,1,2-Trichloroethane
 Concen: 0.233 ug/l
 RT: 10.878 min Scan# 31538
 Delta R.T. -0.018 min
 Lab File: VN070884.D
 Acq: 1 Feb 2022 20:43

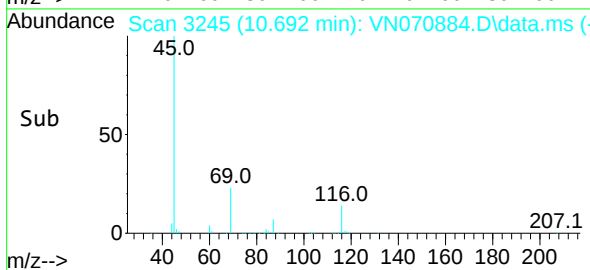
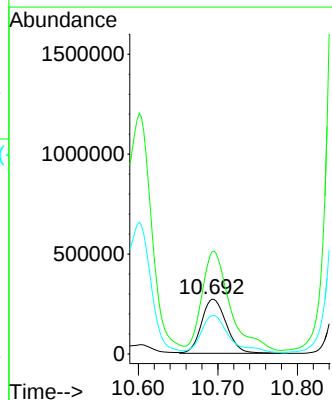
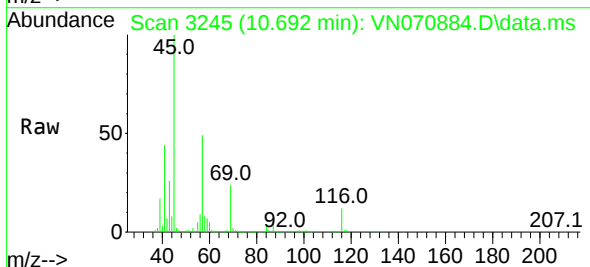
Instrument :
 MSVOA_N
 ClientSampleId :
 31538

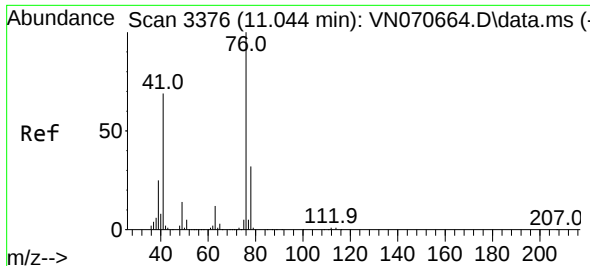
Tgt Ion: 97	Resp: 3524
Ion Ratio	Lower Upper
97 100	
83 151.1	67.8 101.6#
85 34.0	45.4 68.2#
99 0.0	49.4 74.0#



#56
 Ethyl methacrylate
 Concen: 21.733 ug/l
 RT: 10.692 min Scan# 3245
 Delta R.T. -0.068 min
 Lab File: VN070884.D
 Acq: 1 Feb 2022 20:43

Tgt Ion: 69	Resp: 585358
Ion Ratio	Lower Upper
69 100	
41 207.0	51.4 77.0#
39 76.5	34.6 52.0#





#57

1,3-Dichloropropane

Concen: 5.980 ug/l

RT: 11.089 min Scan# 31538

Delta R.T. 0.045 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

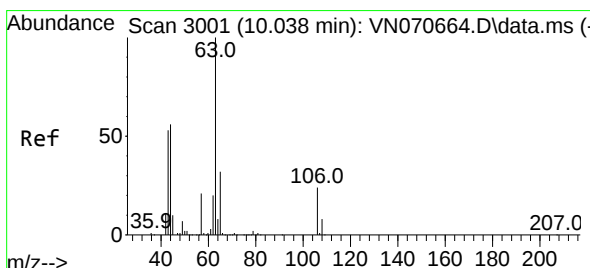
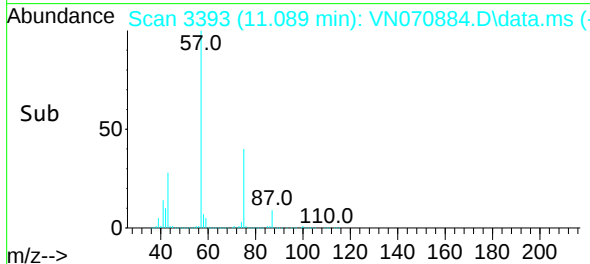
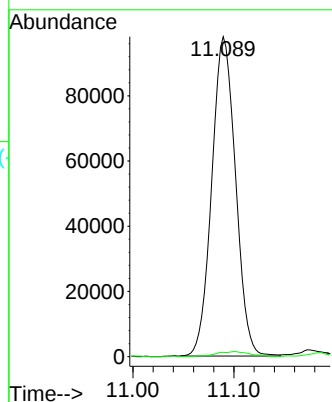
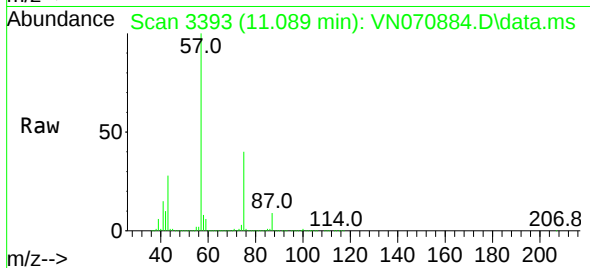
31538

Tgt Ion: 76 Resp: 159958

Ion Ratio Lower Upper

76 100

78 2.3 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 21.457 ug/l

RT: 10.060 min Scan# 3009

Delta R.T. 0.022 min

Lab File: VN070884.D

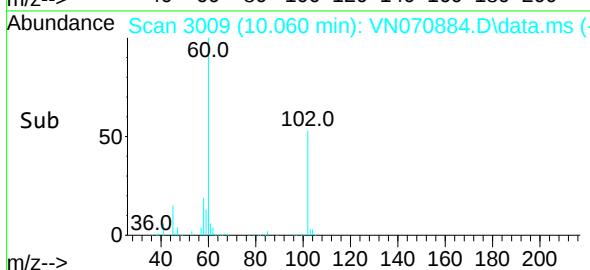
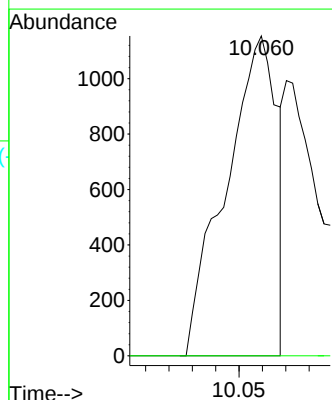
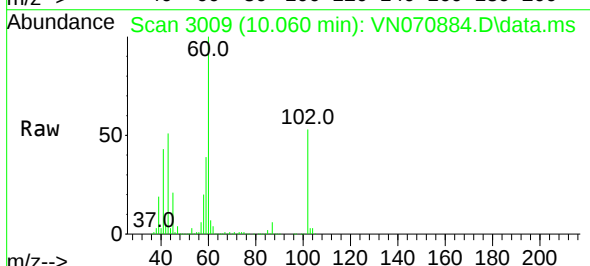
Acq: 1 Feb 2022 20:43

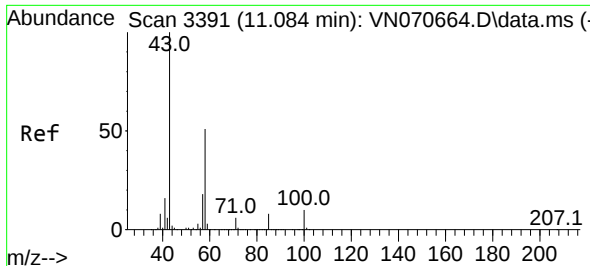
Tgt Ion: 63 Resp: 1756

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

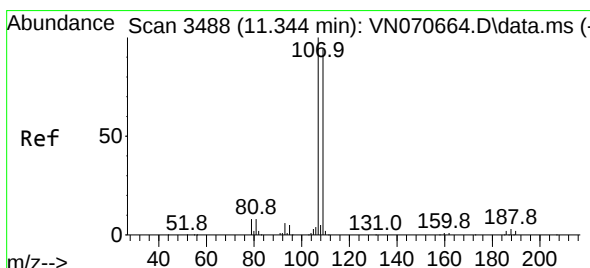
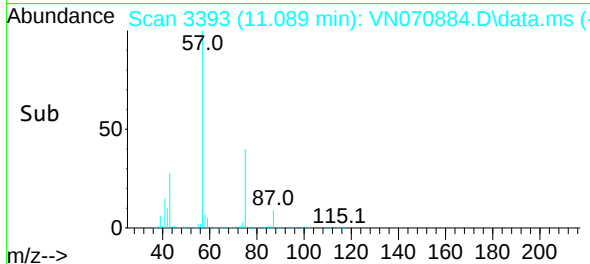
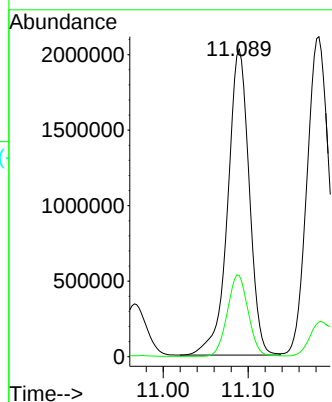
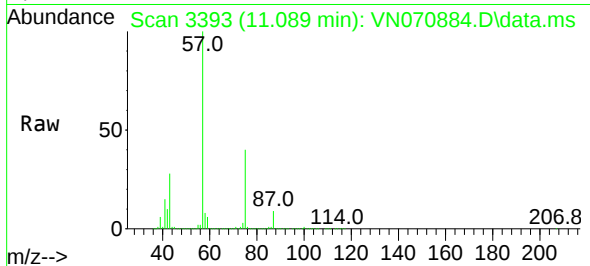




#59
2-Hexanone
Concen: 182.234 ug/l
RT: 11.089 min Scan# 31538
Delta R.T. 0.005 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

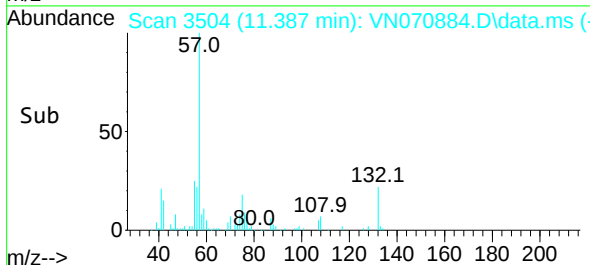
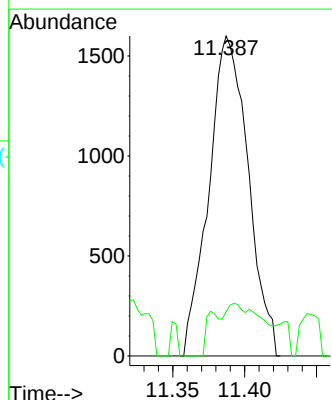
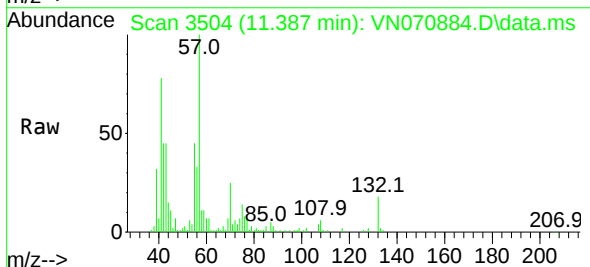
Instrument :
MSVOA_N
ClientSampleId :
31538

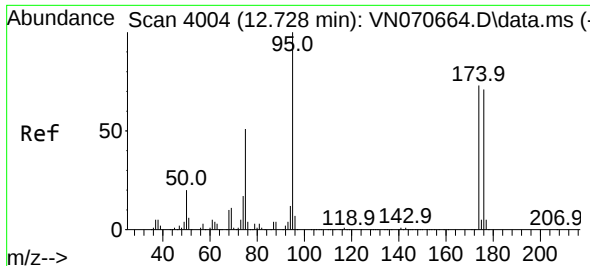
Tgt Ion: 43 Resp: 3554704
Ion Ratio Lower Upper
43 100
58 26.0 26.9 80.7#



#61
1,2-Dibromoethane
Concen: 0.201 ug/l
RT: 11.387 min Scan# 3504
Delta R.T. 0.043 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 107 Resp: 3046
Ion Ratio Lower Upper
107 100
109 7.9 75.7 113.5#

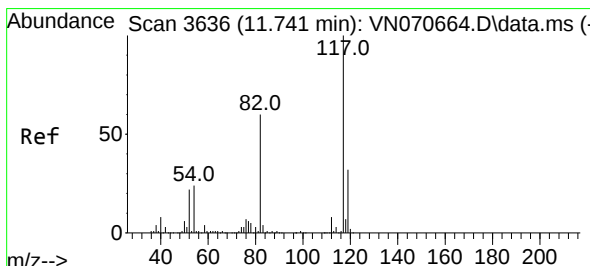
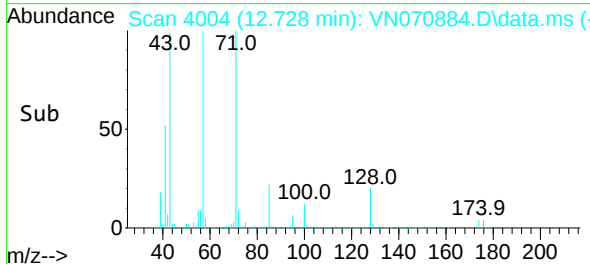
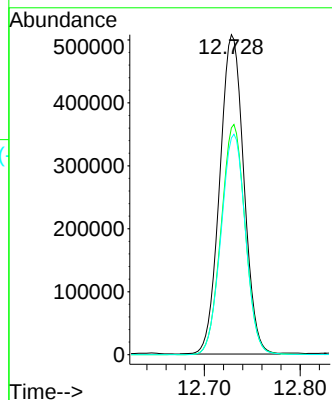
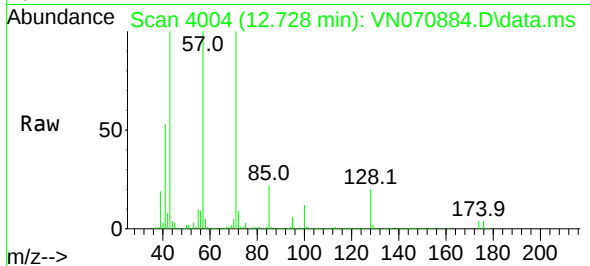




#62
4-Bromofluorobenzene
Concen: 47.840 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

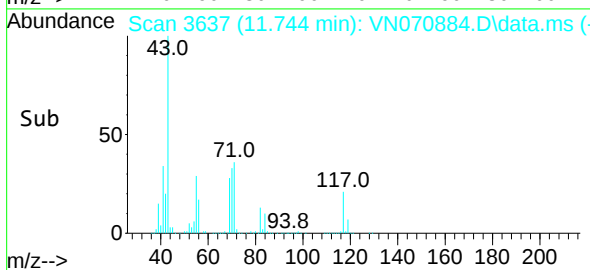
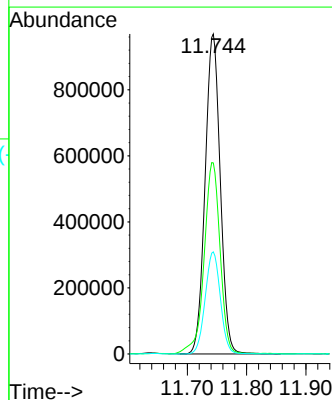
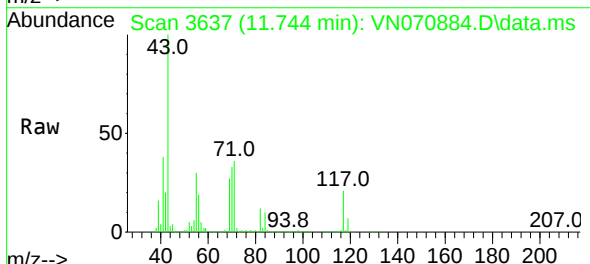
Instrument :
MSVOA_N
ClientSampleId :
31538

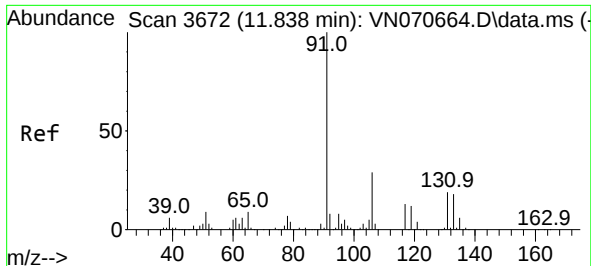
Tgt Ion: 95 Resp: 885260
Ion Ratio Lower Upper
95 100
174 72.1 0.0 187.2
176 70.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion:117 Resp: 1711020
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.9 25.4 38.2

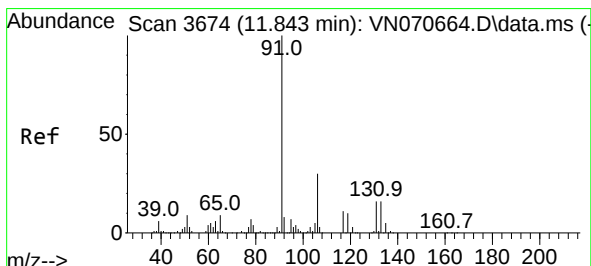
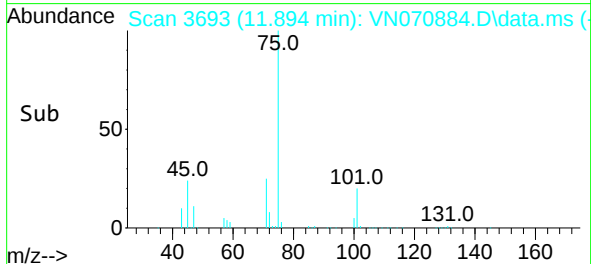
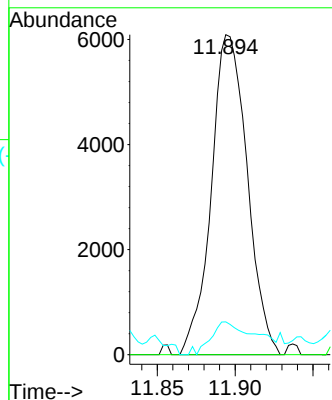
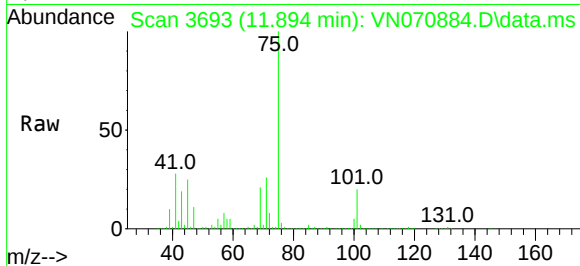




#66
1,1,1,2-Tetrachloroethane
Concen: 0.766 ug/l
RT: 11.894 min Scan# 3693
Delta R.T. 0.056 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

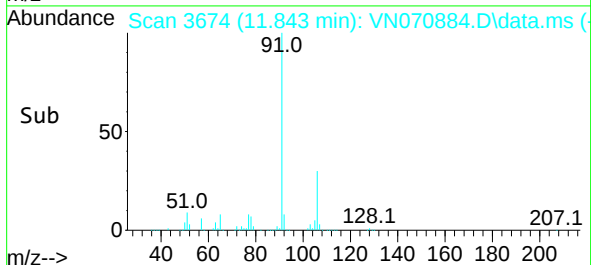
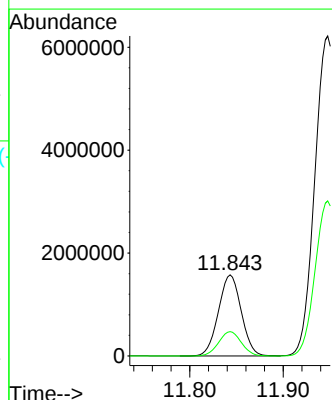
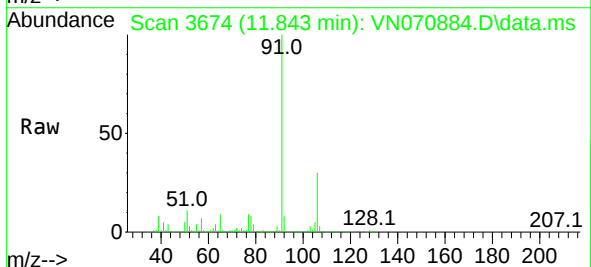
Instrument :
MSVOA_N
ClientSampleId :
31538

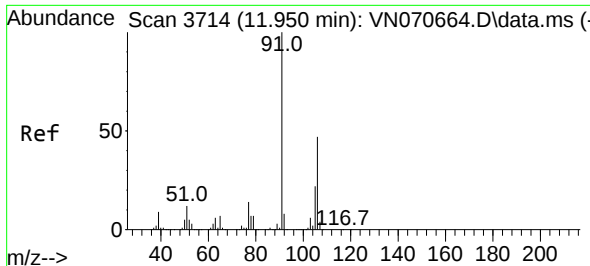
Tgt Ion:131 Resp: 9777
Ion Ratio Lower Upper
131 100
133 0.0 47.9 143.7#
119 0.0 32.1 96.5#



#67
Ethyl Benzene
Concen: 38.853 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 91 Resp: 2670397
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

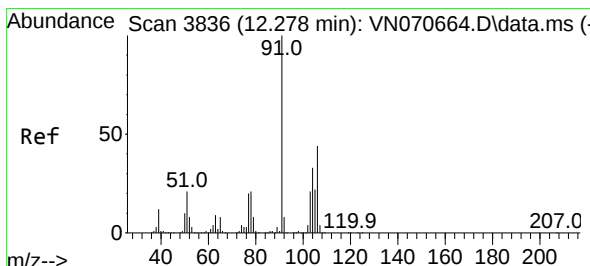
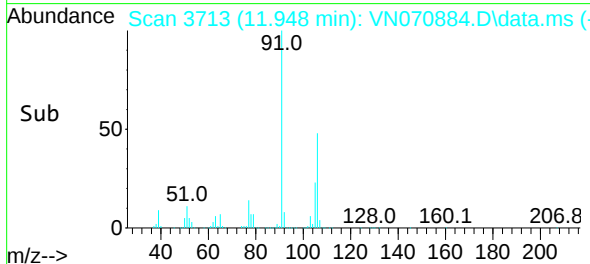
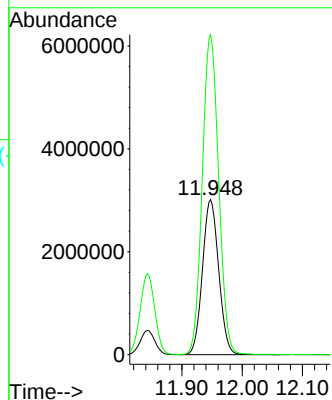
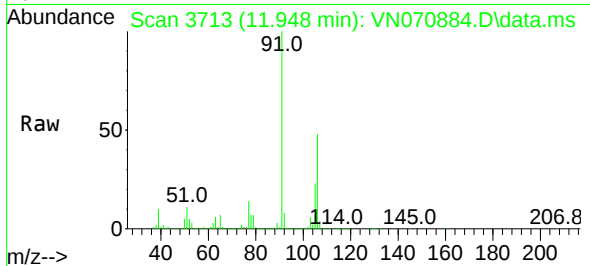




#68
m/p-Xylenes
Concen: 224.784 ug/l
RT: 11.948 min Scan# 31538
Delta R.T. -0.002 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

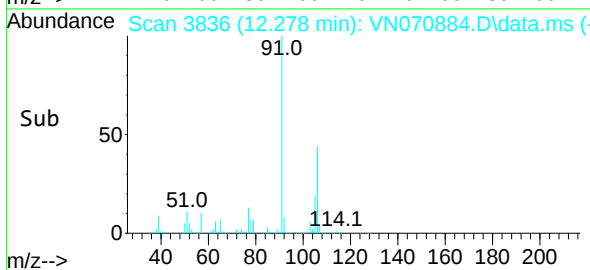
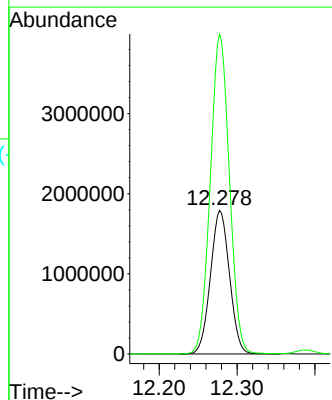
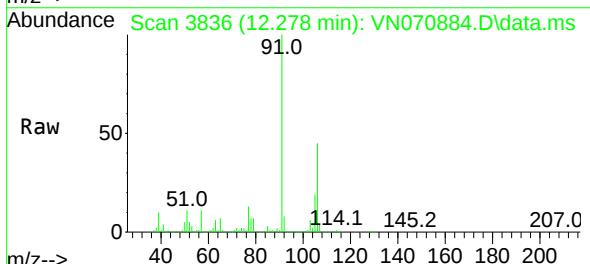
Instrument :
MSVOA_N
ClientSampleId :
31538

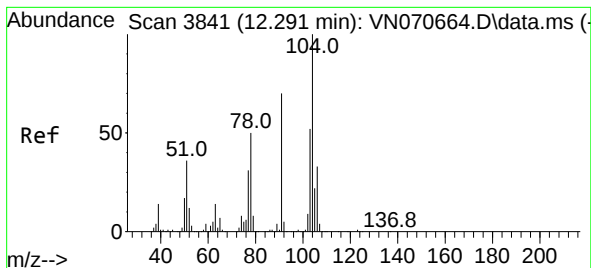
Tgt Ion:106 Resp: 5620349
Ion Ratio Lower Upper
106 100
91 208.3 160.6 240.8



#69
o-Xylene
Concen: 122.437 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion:106 Resp: 3038027
Ion Ratio Lower Upper
106 100
91 223.7 105.8 317.3





#70

Styrene

Concen: 3.897 ug/l

RT: 12.278 min Scan# 31538

Delta R.T. -0.013 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

31538

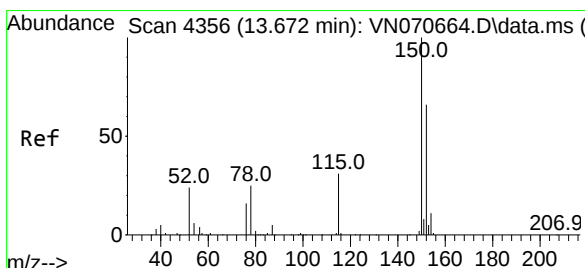
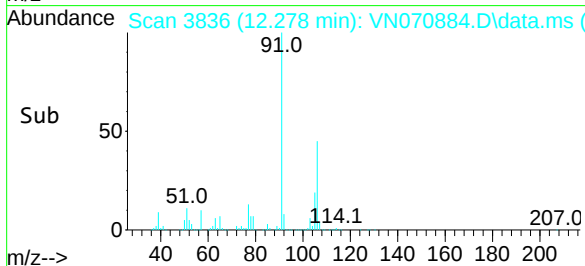
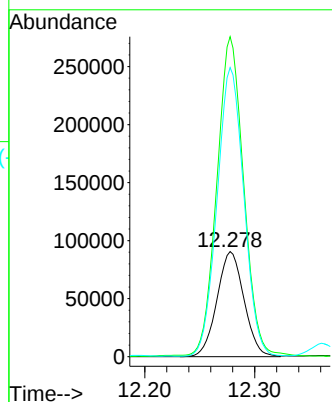
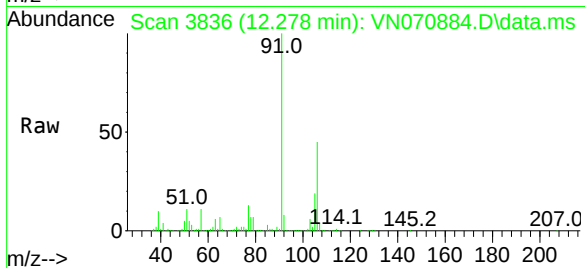
Tgt Ion:104 Resp: 154697

Ion Ratio Lower Upper

104 100

78 302.5 38.7 58.1#

103 272.4 45.0 67.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.680 min Scan# 4359

Delta R.T. 0.008 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

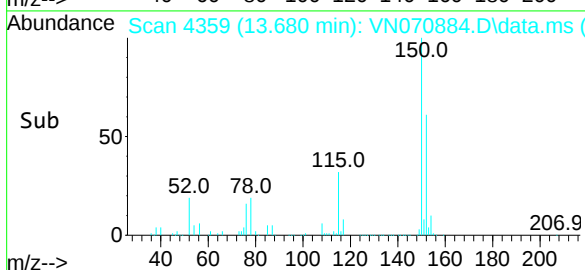
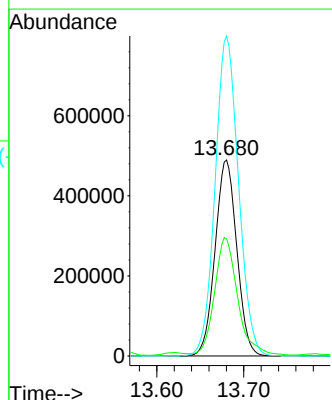
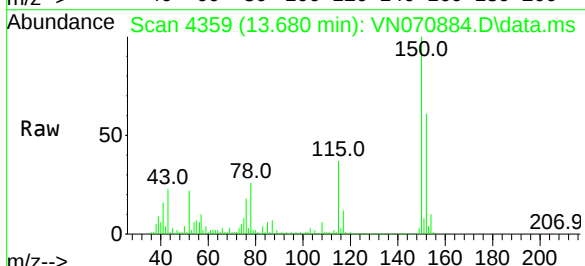
Tgt Ion:152 Resp: 848587

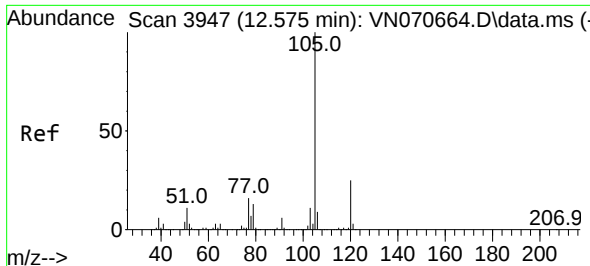
Ion Ratio Lower Upper

152 100

115 63.3 27.5 82.5

150 176.2 0.0 344.4

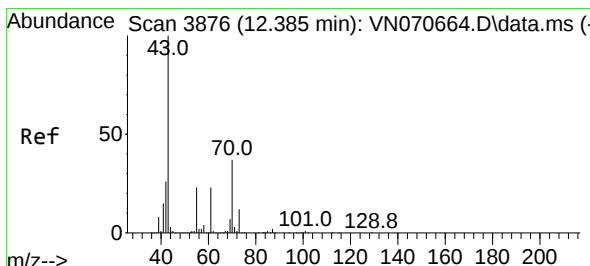
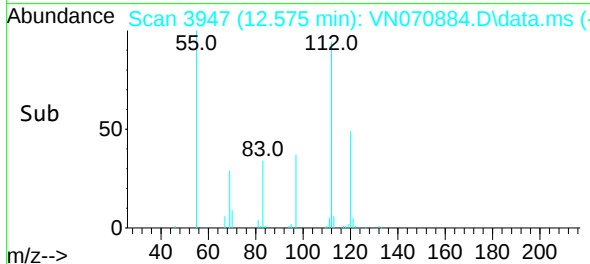
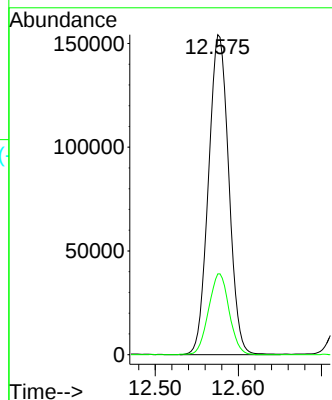
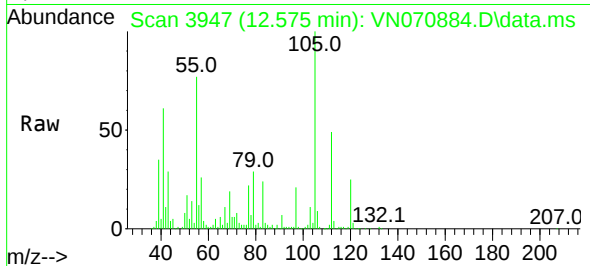




#73
Isopropylbenzene
Concen: 3.254 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

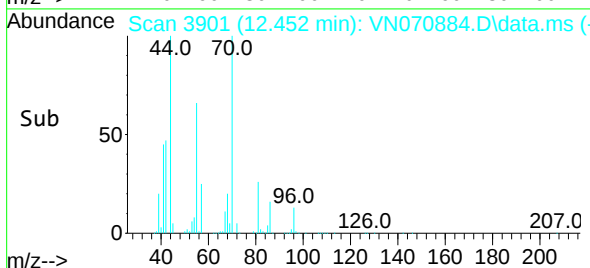
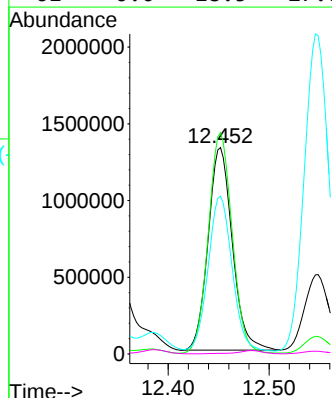
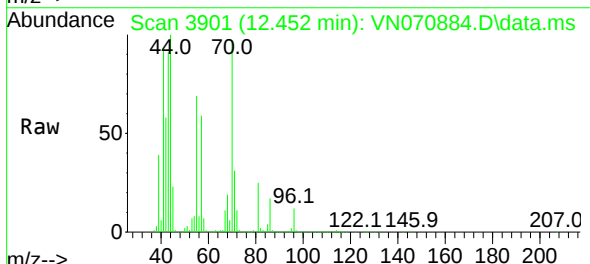
Instrument :
MSVOA_N
ClientSampleId :
31538

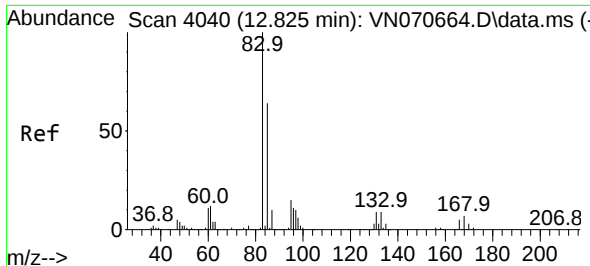
Tgt Ion:105 Resp: 261226
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 67.170 ug/l
RT: 12.452 min Scan# 3901
Delta R.T. 0.067 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 43 Resp: 2204780
Ion Ratio Lower Upper
43 100
70 107.1 33.4 50.0#
55 75.4 19.3 28.9#
61 0.0 18.5 27.7#

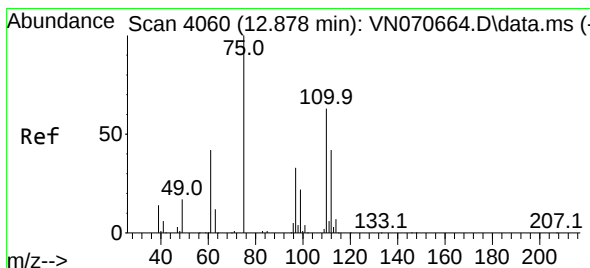
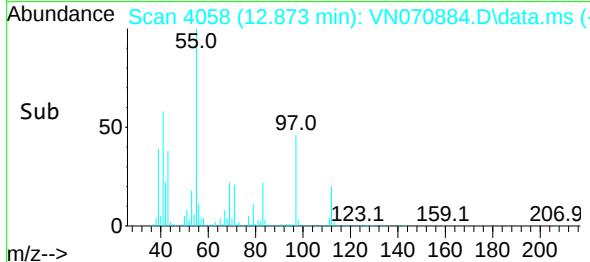
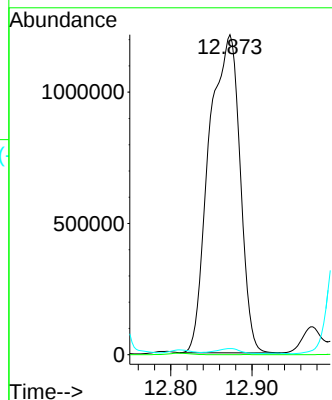
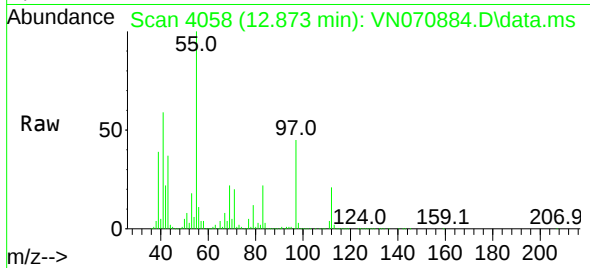




#75
1,1,2,2-Tetrachloroethane
Concen: 117.833 ug/l
RT: 12.873 min Scan# 4058
Delta R.T. 0.048 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

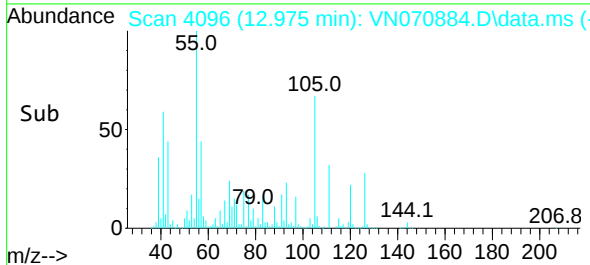
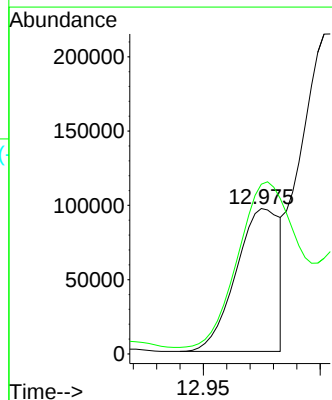
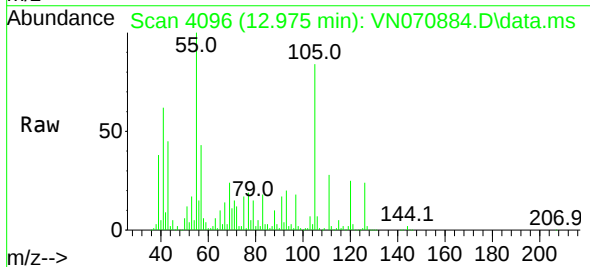
Instrument :
MSVOA_N
ClientSampleId :
31538

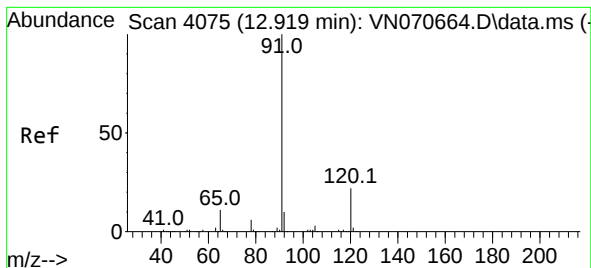
Tgt Ion: 83 Resp: 3194731
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 5.553 ug/l
RT: 12.975 min Scan# 4096
Delta R.T. 0.097 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 75 Resp: 124988
Ion Ratio Lower Upper
75 100
77 156.4 82.6 247.8





#78

n-propylbenzene

Concen: 2.419 ug/l

RT: 12.919 min Scan# 4075

Delta R.T. -0.000 min

Lab File: VN070884.D

Acq: 1 Feb 2022 20:43

Instrument :

MSVOA_N

ClientSampleId :

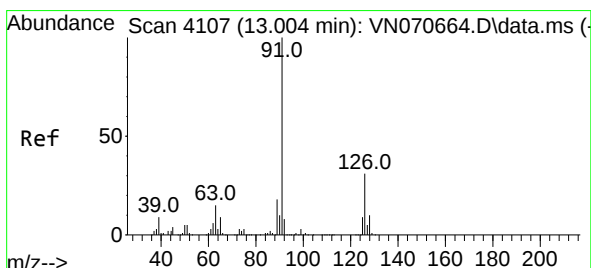
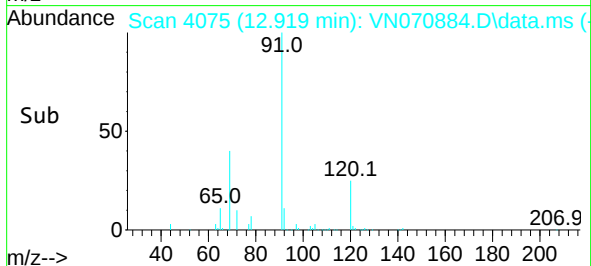
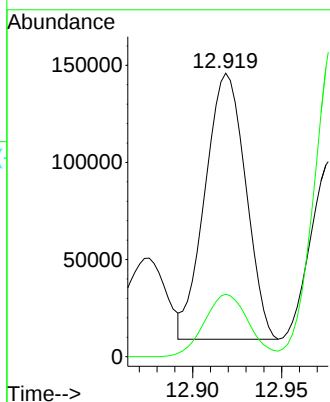
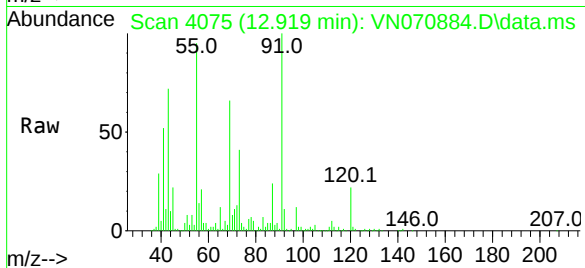
31538

Tgt Ion: 91 Resp: 217223

Ion Ratio Lower Upper

91 100

120 25.5 11.9 35.9



#79

2-Chlorotoluene

Concen: 2.837 ug/l

RT: 12.978 min Scan# 4097

Delta R.T. -0.026 min

Lab File: VN070884.D

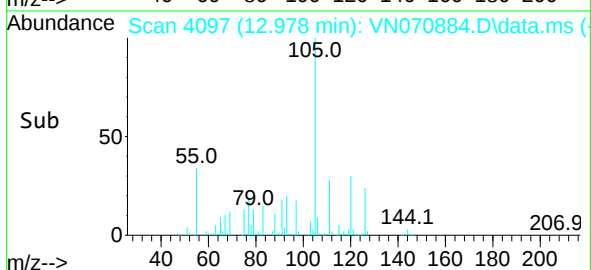
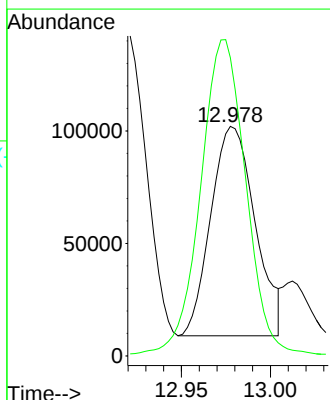
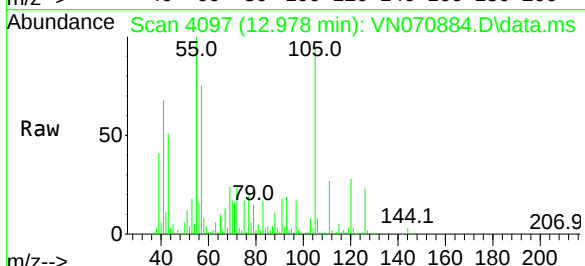
Acq: 1 Feb 2022 20:43

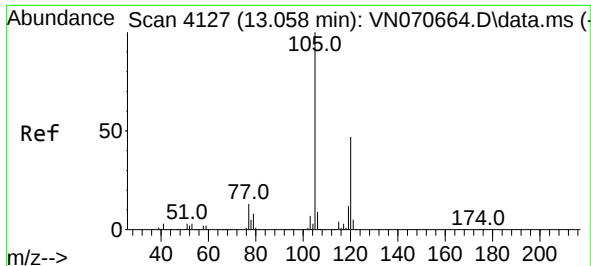
Tgt Ion: 91 Resp: 161143

Ion Ratio Lower Upper

91 100

126 153.9 18.3 54.8#

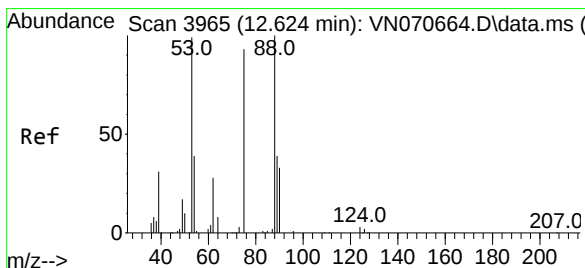
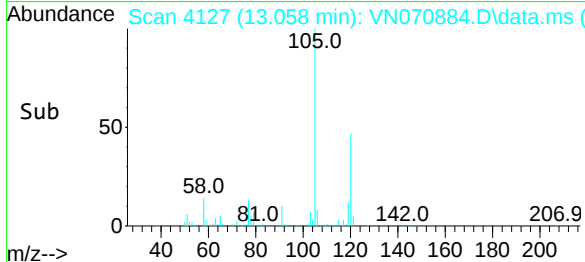
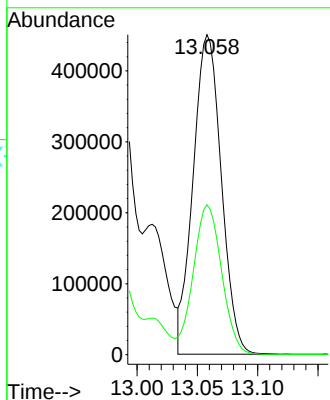
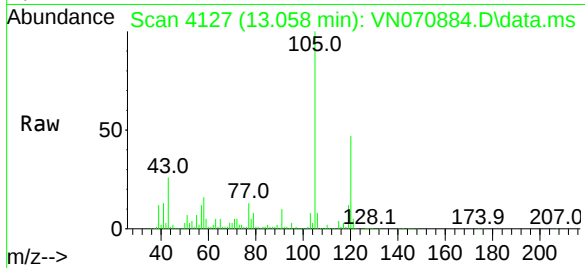




#80
 1,3,5-Trimethylbenzene
 Concen: 11.235 ug/l
 RT: 13.058 min Scan# 4127
 Delta R.T. -0.000 min
 Lab File: VN070884.D
 Acq: 1 Feb 2022 20:43

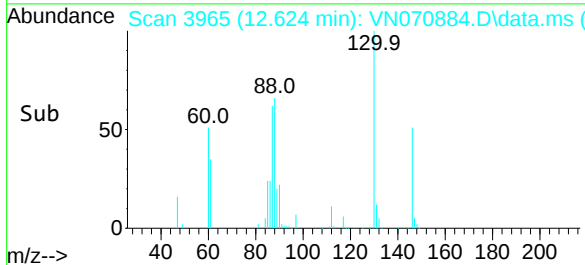
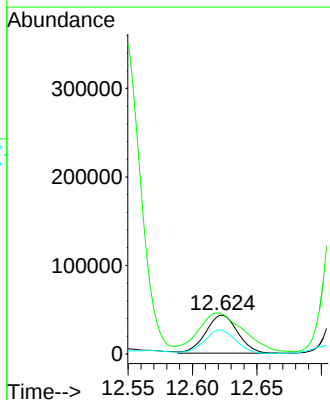
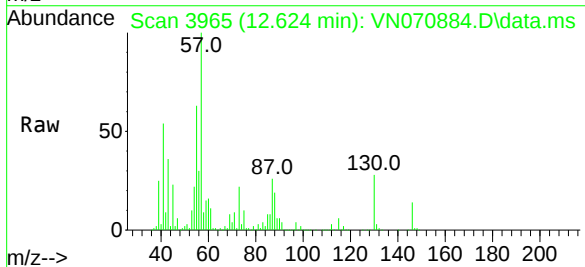
Instrument :
 MSVOA_N
 ClientSampleId :
 31538

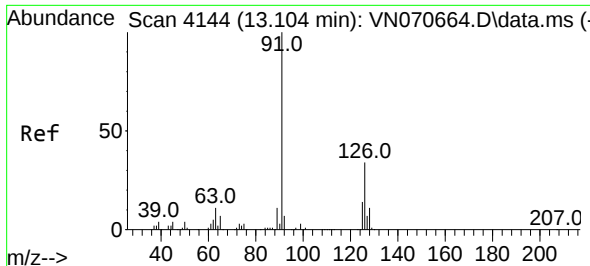
Tgt Ion:105 Resp: 729407
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.860 ug/l
 RT: 12.624 min Scan# 3965
 Delta R.T. -0.001 min
 Lab File: VN070884.D
 Acq: 1 Feb 2022 20:43

Tgt Ion: 75 Resp: 74489
 Ion Ratio Lower Upper
 75 100
 53 140.8 90.5 135.7#
 89 0.0 38.2 57.4#

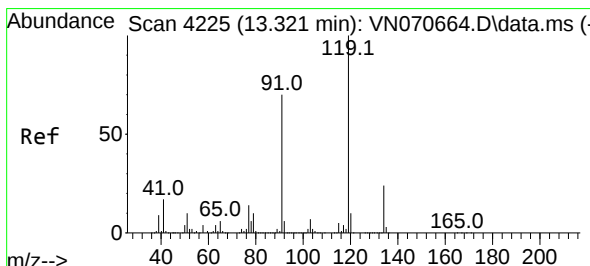
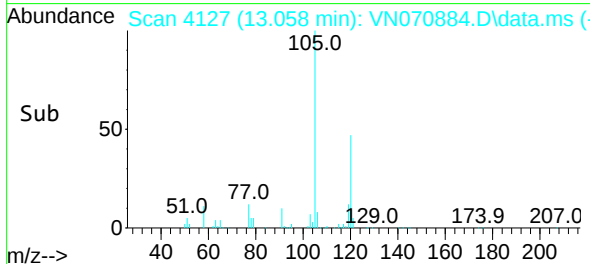
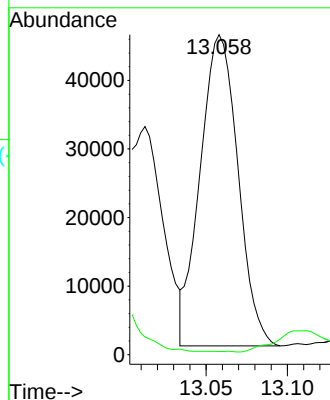
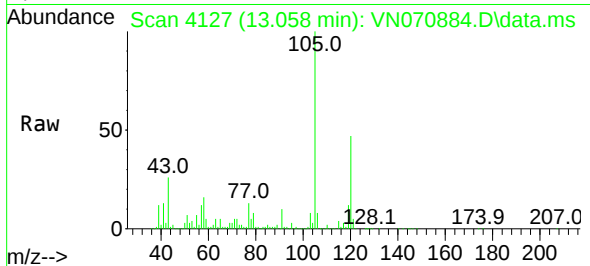




#82
4-Chlorotoluene
Concen: 1.384 ug/l
RT: 13.058 min Scan# 4144
Delta R.T. -0.046 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

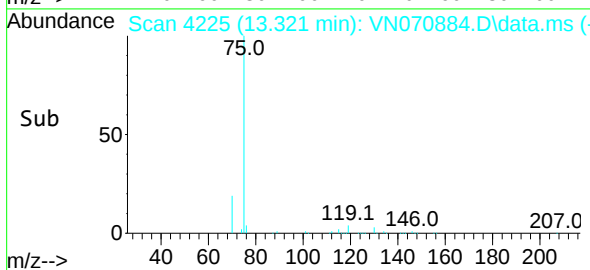
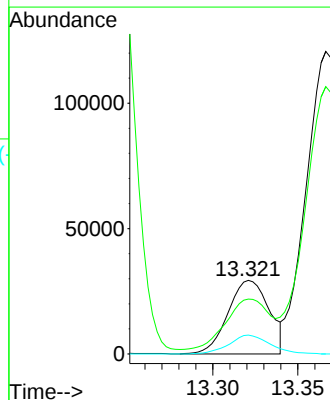
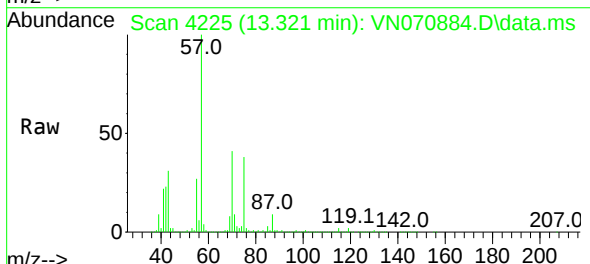
Instrument :
MSVOA_N
ClientSampleId :
31538

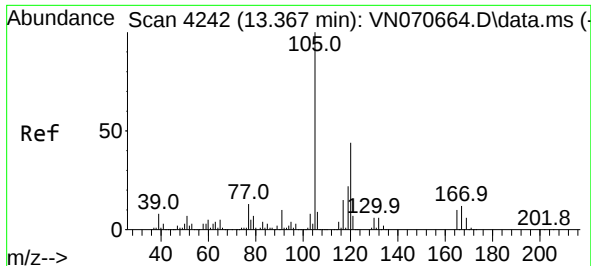
Tgt Ion: 91 Resp: 73439
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 119 Resp: 49526
Ion Ratio Lower Upper
119 100
91 0.0 31.5 94.5#
134 25.6 12.4 37.4

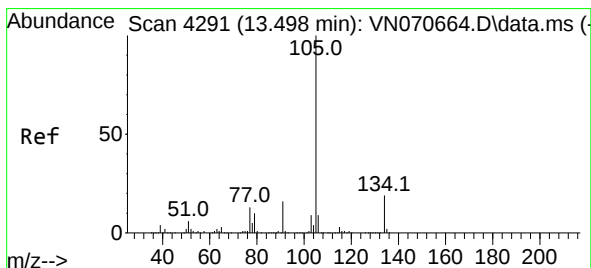
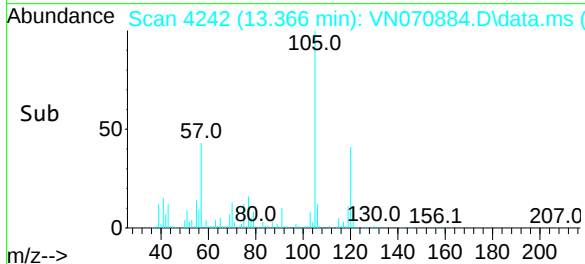
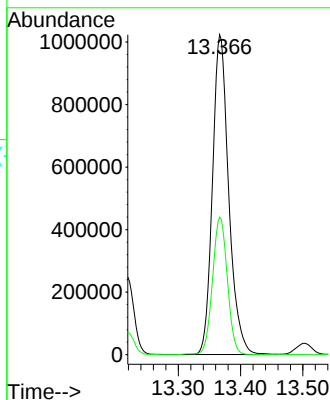
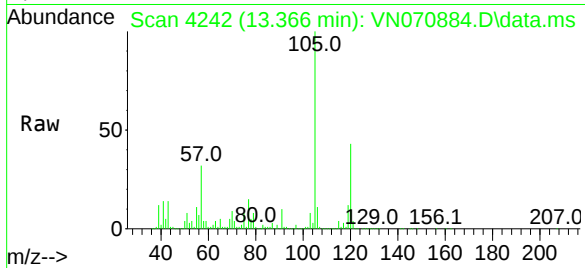




#84
1,2,4-Trimethylbenzene
Concen: 29.687 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

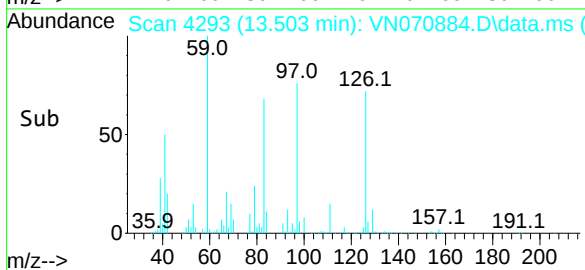
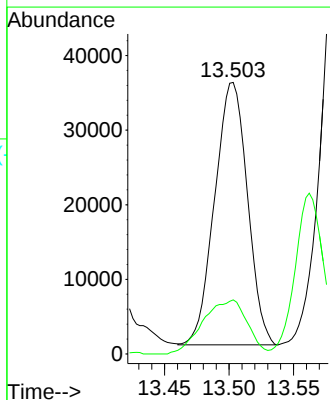
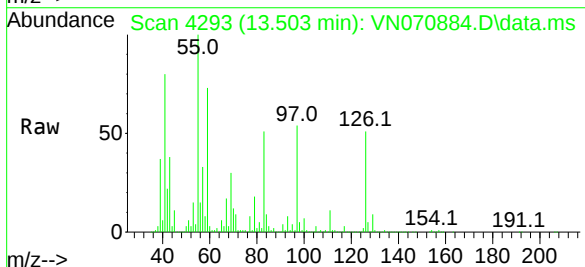
Instrument :
MSVOA_N
ClientSampleId :
31538

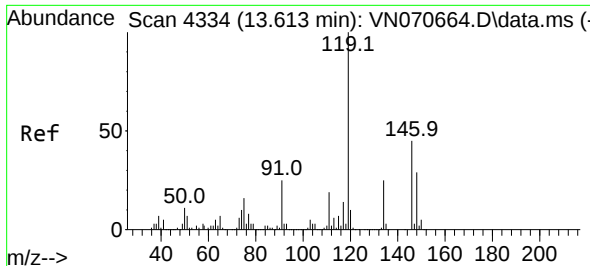
Tgt Ion:105 Resp: 1852597
Ion Ratio Lower Upper
105 100
120 39.1 22.8 68.4



#85
sec-Butylbenzene
Concen: 0.809 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.005 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion:105 Resp: 62189
Ion Ratio Lower Upper
105 100
134 27.7 10.4 31.1

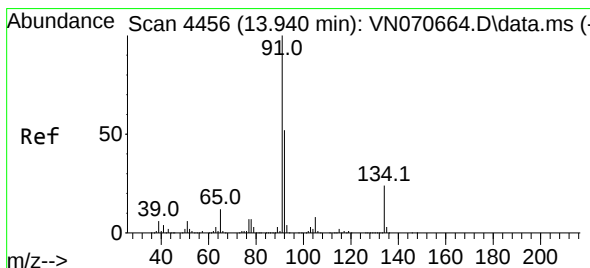
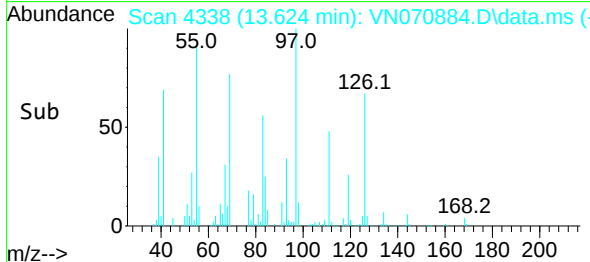
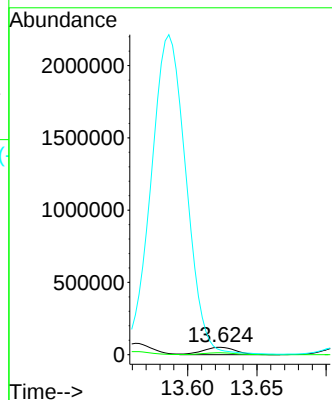
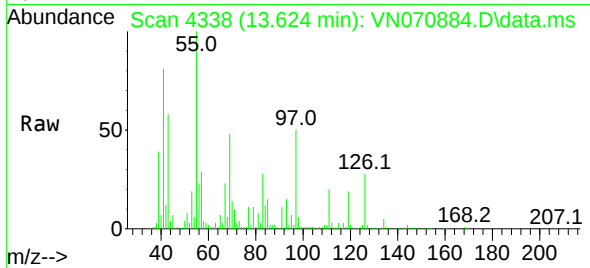




#86
p-Isopropyltoluene
Concen: 1.372 ug/l
RT: 13.624 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

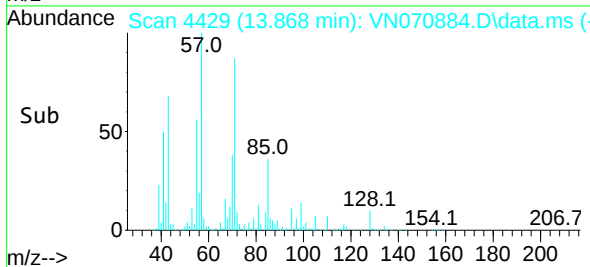
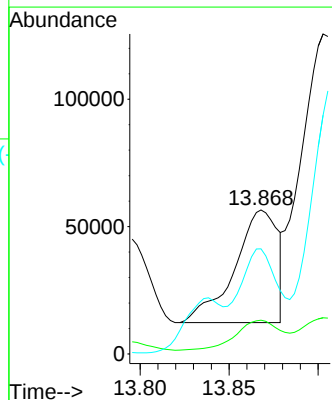
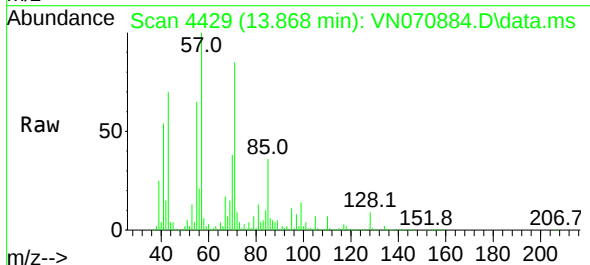
Instrument :
MSVOA_N
ClientSampleId :
31538

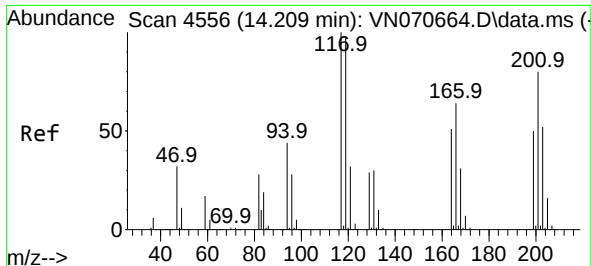
Tgt Ion:119 Resp: 82808
Ion Ratio Lower Upper
119 100
134 25.4 13.6 40.7
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 1.499 ug/l
RT: 13.868 min Scan# 4429
Delta R.T. -0.072 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 91 Resp: 74611
Ion Ratio Lower Upper
91 100
92 29.7 25.4 76.0
134 32.8 13.6 40.8

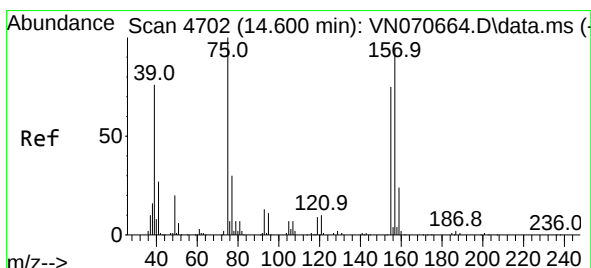
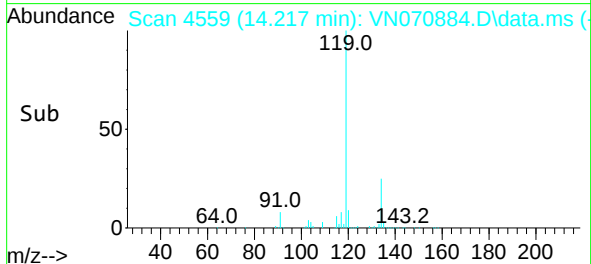
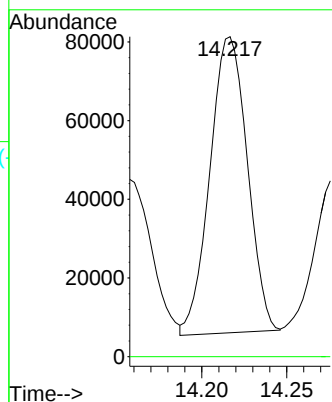
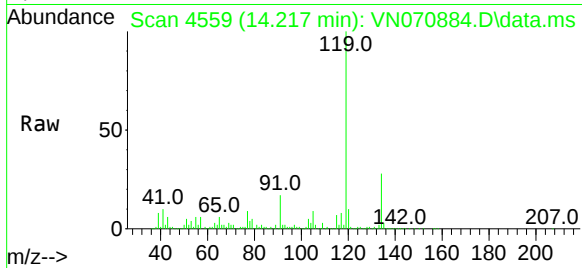




#90
Hexachloroethane
Concen: 10.945 ug/l
RT: 14.217 min Scan# 411
Delta R.T. 0.008 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

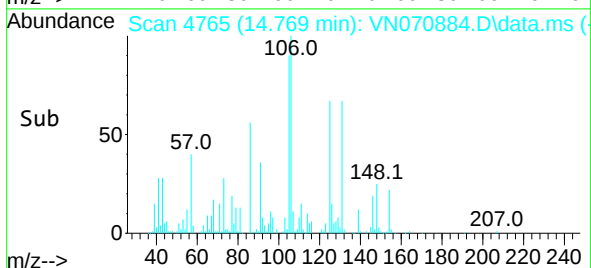
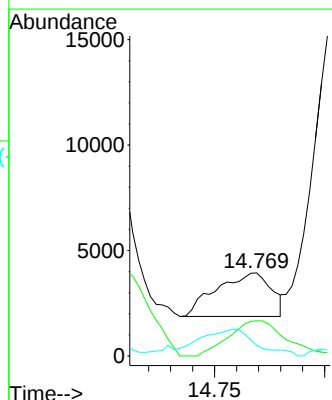
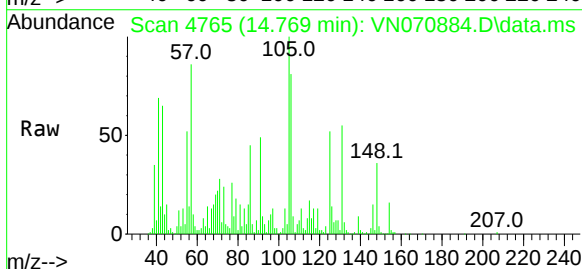
Instrument :
MSVOA_N
ClientSampleId :
31538

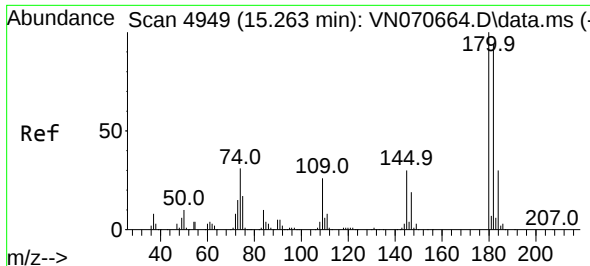
Tgt Ion:117 Resp: 115465
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.779 ug/l
RT: 14.769 min Scan# 4765
Delta R.T. 0.169 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

Tgt Ion: 75 Resp: 3583
Ion Ratio Lower Upper
75 100
155 83.2 46.9 140.7
157 62.7 60.6 181.7

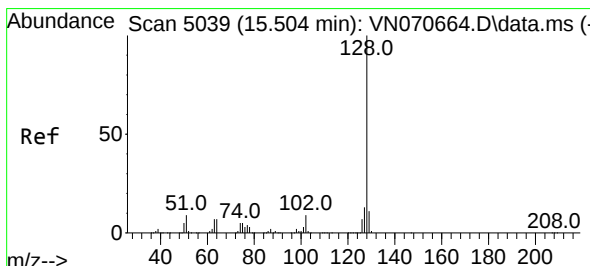
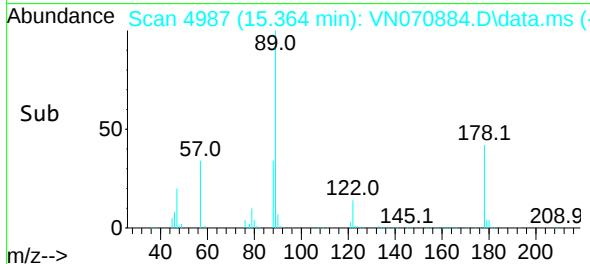
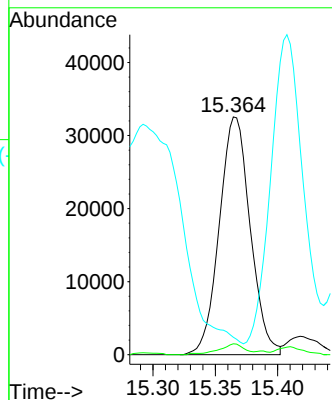
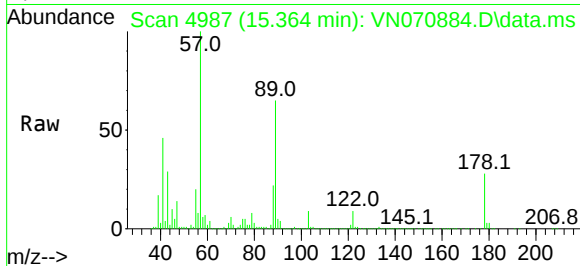




#93
1,2,4-Trichlorobenzene
Concen: 6.762 ug/l
RT: 15.364 min Scan# 4949
Delta R.T. 0.101 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

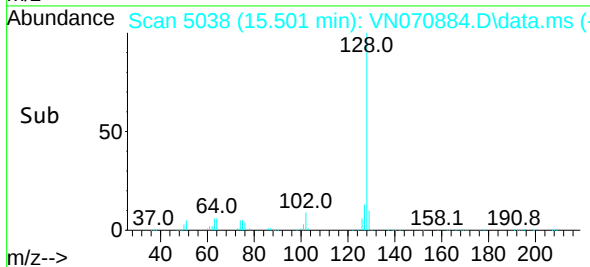
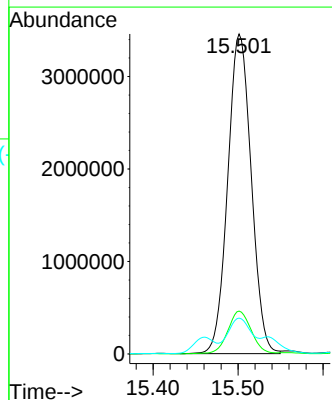
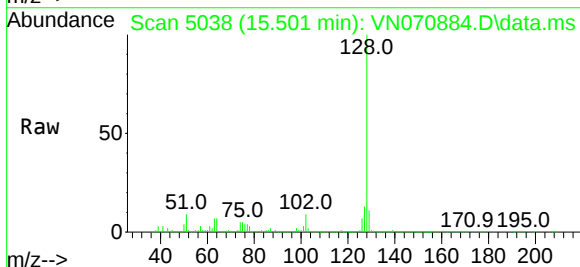
Instrument :
MSVOA_N
ClientSampleId :
31538

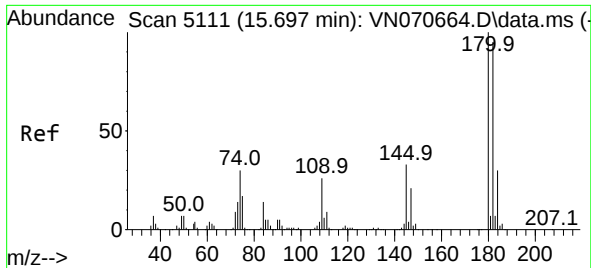
Tgt Ion:180 Resp: 56157
Ion Ratio Lower Upper
180 100
182 2.8 48.3 144.9#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 141.137 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070884.D
Acq: 1 Feb 2022 20:43

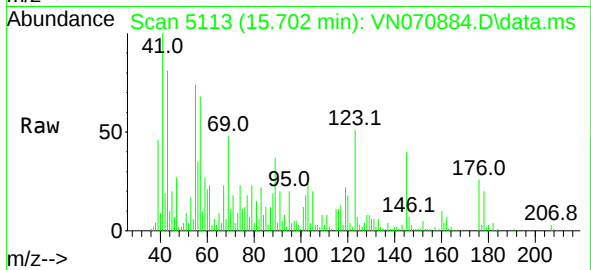
Tgt Ion:128 Resp: 6650944
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 7.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.447 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.005 min
 Lab File: VN070884.D
 Acq: 1 Feb 2022 20:43

Instrument :
 MSVOA_N
 ClientSampleId :
 31538



Tgt Ion:	180	Resp:	3708
Ion Ratio	Lower	Upper	
180	100		
182	281.5	47.4	142.2#
145	0.0	15.0	45.1#

