

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070631.D
 Acq On : 14 Jan 2022 18:37
 Operator : JC/MD
 Sample : N1148-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 05:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	886653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1491146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1379329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	601124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	690112	54.133	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.260%	
35) Dibromofluoromethane	8.024	113	494081	54.763	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 109.520%	
50) Toluene-d8	10.441	98	2122093	57.577	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 115.160%	
62) 4-Bromofluorobenzene	12.731	95	766004	57.543	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.080%	

Target Compounds				Qvalue		
3) Chloromethane	2.303	50	4306	0.315	ug/l	93
11) Tert butyl alcohol	5.382	59	576653	271.664	ug/l #	71
13) Acrolein	4.248	56	97088	56.371	ug/l #	75
14) Allyl chloride	5.077	41	624835	30.519	ug/l #	53
15) Acrylonitrile	5.613	53	119502	18.041	ug/l #	37
16) Acetone	4.251	43	343898	41.555	ug/l #	55
18) Methyl Acetate	5.077	43	1545022	64.540	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	3240839	96.640	ug/l #	1
20) Methylene Chloride	5.063	84	4517	0.394	ug/l #	1
22) Diisopropyl ether	6.503	45	59306	1.487	ug/l #	86
23) Vinyl Acetate	6.503	43	27306	0.883	ug/l #	72
25) 2-Butanone	7.329	43	49352	4.736	ug/l #	59
26) 2,2-Dichloropropane	7.147	77	11159	0.684	ug/l #	52
30) Chloroform	7.826	83	4645	0.233	ug/l #	1
31) Cyclohexane	8.094	56	848941	42.199	ug/l	85
36) 1,1-Dichloropropene	8.086	75	71543	4.793	ug/l #	47
37) Ethyl Acetate	7.329	43	49352	2.551	ug/l #	69
38) Carbon Tetrachloride	8.083	117	85922	6.029	ug/l #	17
39) Methylcyclohexane	9.459	83	1128229	62.440	ug/l	87
40) Benzene	8.461	78	1993178	43.560	ug/l	99
41) Methacrylonitrile	7.847	41	58034	5.997	ug/l #	49
42) 1,2-Dichloroethane	8.531	62	28101	1.634	ug/l #	76
43) Isopropyl Acetate	8.555	43	377346	12.371	ug/l #	56
45) 1,2-Dichloropropane	9.459	63	13144	1.067	ug/l #	1
47) Bromodichloromethane	9.641	83	14857	0.977	ug/l #	25
48) Methyl methacrylate	9.639	41	121247	8.334	ug/l #	57
51) 4-Methyl-2-Pentanone	10.363	43	14442	0.754	ug/l #	37
52) Toluene	10.505	92	279349	10.086	ug/l	96
55) 1,1,2-Trichloroethane	10.878	97	228832	20.882	ug/l #	20
56) Ethyl methacrylate	10.781	69	42092	2.325	ug/l #	9
58) 2-Chloroethyl Vinyl ether	10.017	63	980	18.709	ug/l #	45
59) 2-Hexanone	11.218	43	6254	0.447	ug/l	67
67) Ethyl Benzene	11.843	91	5555196	103.598	ug/l	96
68) m/p-Xylenes	11.951	106	5029323	257.663	ug/l	95
69) o-Xylene	12.280	106	1794961	92.454	ug/l	92
70) Styrene	12.280	104	89477	2.912	ug/l #	1

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 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

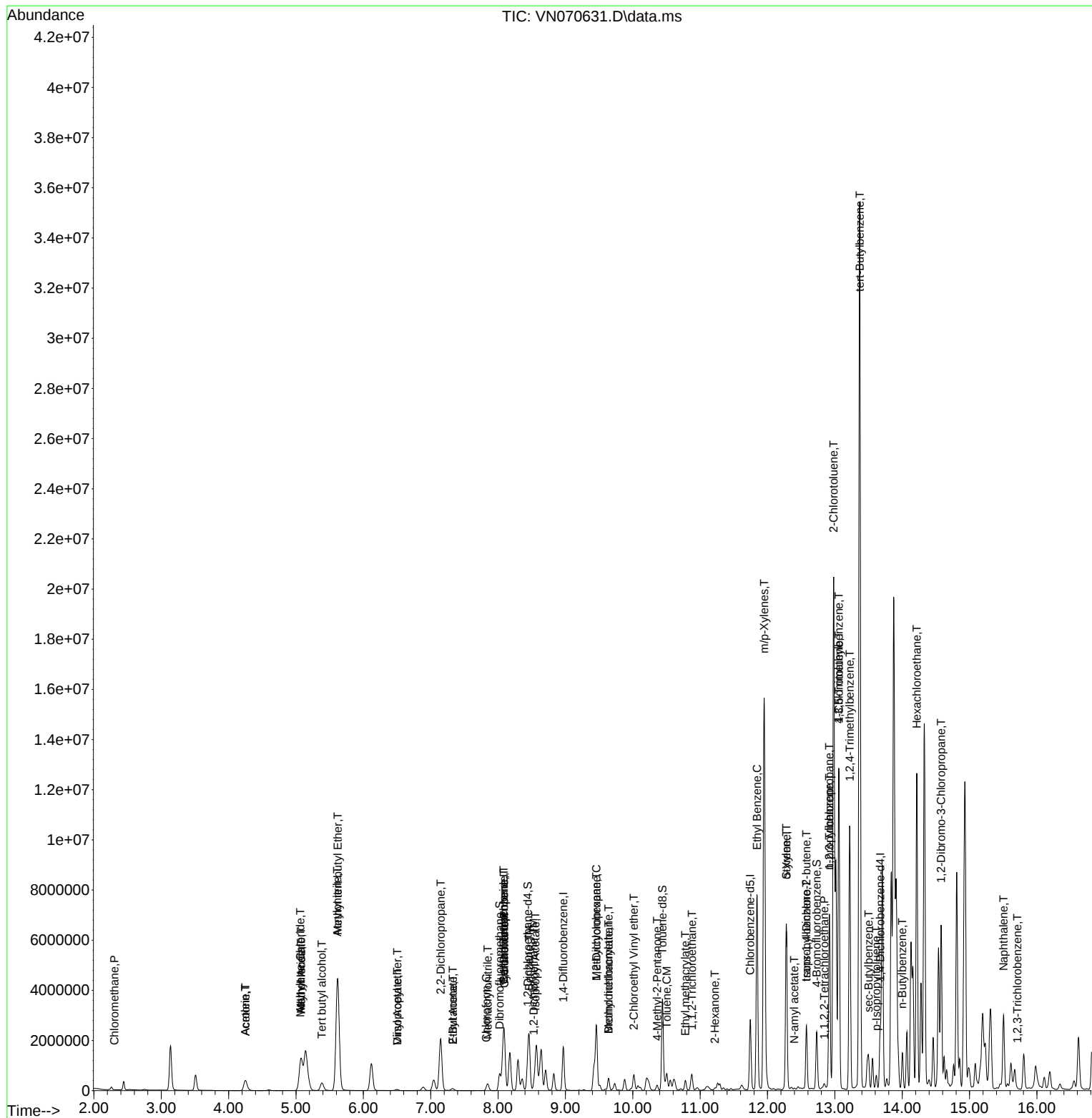
73) Isopropylbenzene	12.578	105	1697294	30.405	ug/l	98
74) N-amyl acetate	12.398	43	6845	0.292	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.841	83	18698	1.362	ug/l #	35
76) 1,2,3-Trichloropropane	12.919	75	30615	4.360	ug/l #	1
78) n-propylbenzene	12.919	91	5673921	91.735	ug/l	95
79) 2-Chlorotoluene	12.983	91	1524000	38.402	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.058	105	7148415	159.798	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.578	75	20264	4.119	ug/l #	72
82) 4-Chlorotoluene	13.058	91	757936	20.389	ug/l #	38
83) tert-Butylbenzene	13.369	119	2591772	65.798	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.219	105	6846439	158.940	ug/l	76
85) sec-Butylbenzene	13.501	105	786088	14.699	ug/l #	64
86) p-Isopropyltoluene	13.616	119	305882	7.281	ug/l	97
89) n-Butylbenzene	14.002	91	159240	4.545	ug/l #	1
90) Hexachloroethane	14.217	117	597139	81.822	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.576	75	23607	7.300	ug/l #	1
95) Naphthalene	15.504	128	2610790	93.694	ug/l	100
96) 1,2,3-Trichlorobenzene	15.708	180	1133	0.944	ug/l #	25

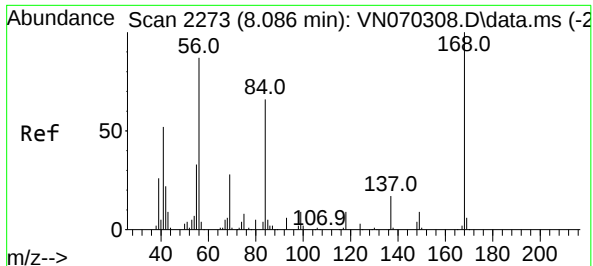
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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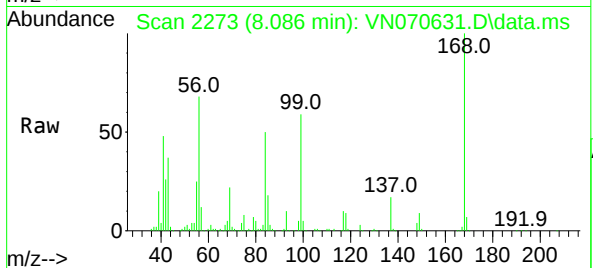
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
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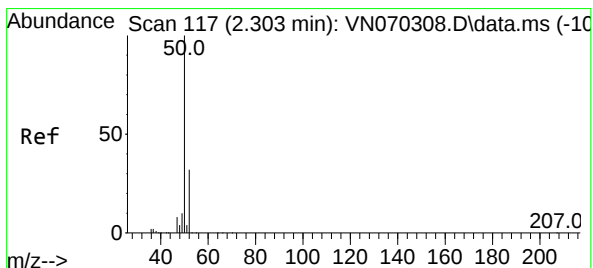
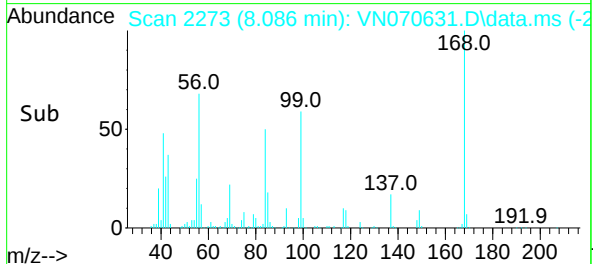
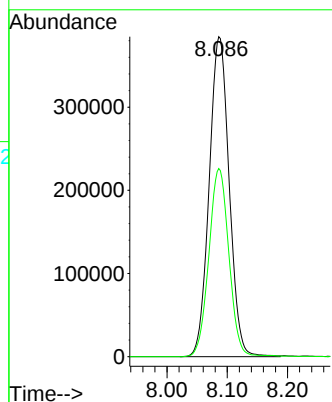


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Instrument :
MSVOA_N
ClientSampleId :

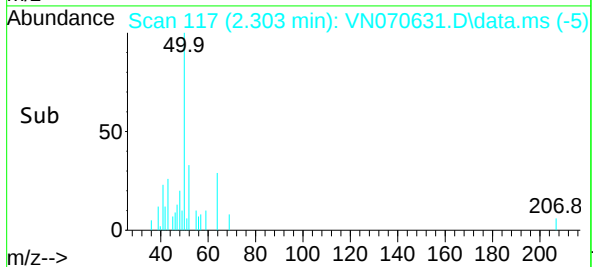
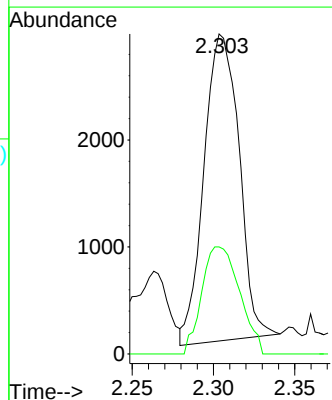
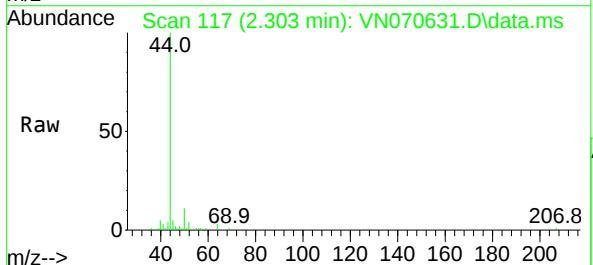


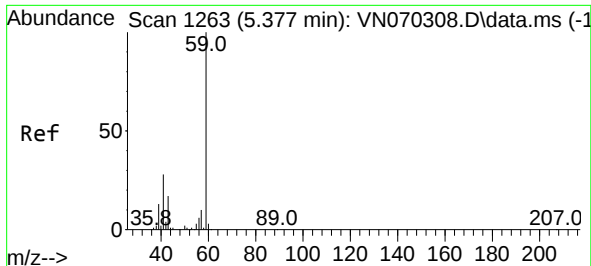
Tgt Ion:168 Resp: 886653
Ion Ratio Lower Upper
168 100
99 58.8 41.3 61.9



#3
Chloromethane
Concen: 0.315 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 50 Resp: 4306
Ion Ratio Lower Upper
50 100
52 35.7 25.4 38.0

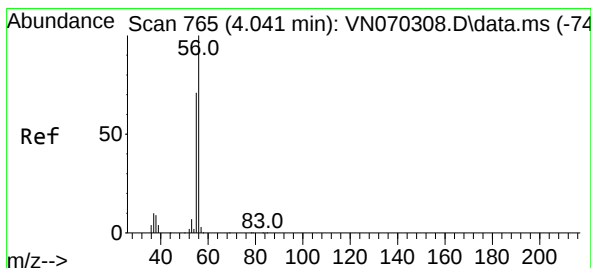
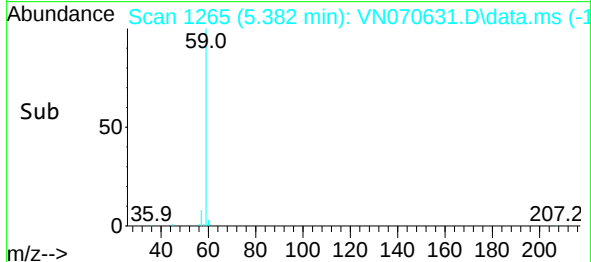
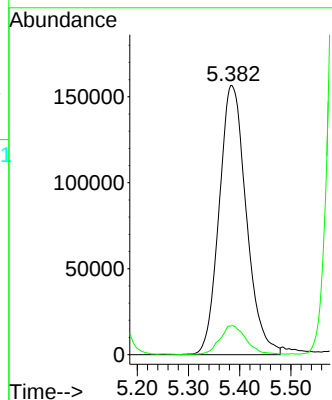
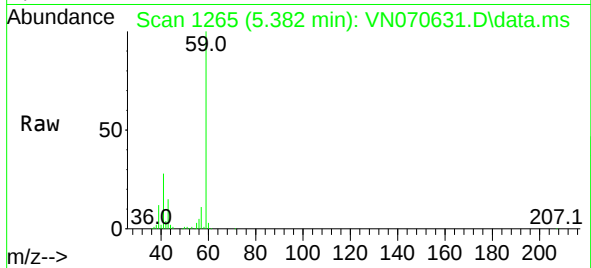




#11
Tert butyl alcohol
Concen: 271.664 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

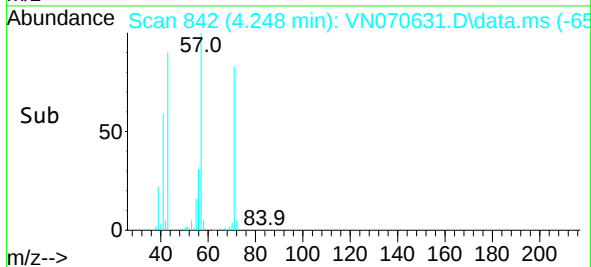
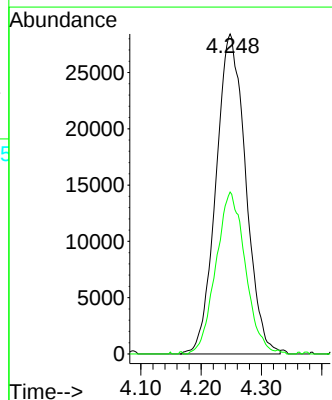
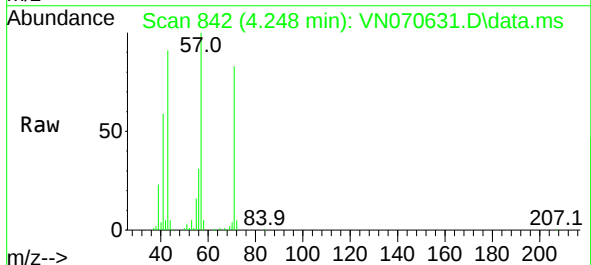
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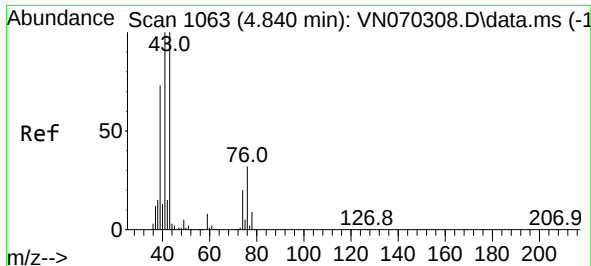
Tgt Ion: 59 Resp: 576653
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 56.371 ug/l
RT: 4.248 min Scan# 842
Delta R.T. 0.207 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

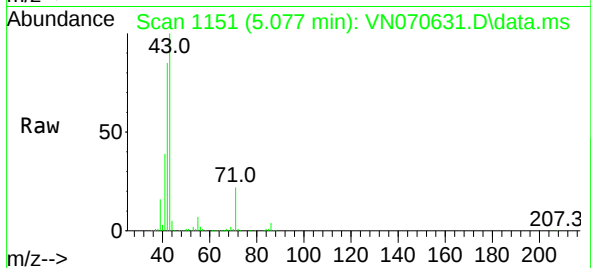
Tgt Ion: 56 Resp: 97088
Ion Ratio Lower Upper
56 100
55 50.1 56.6 85.0#



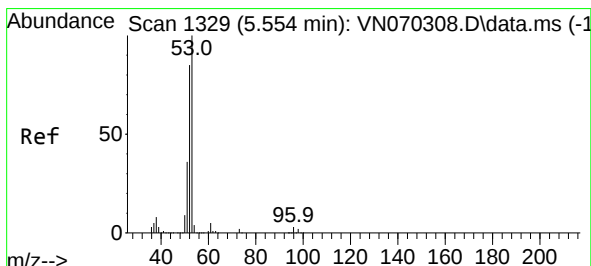
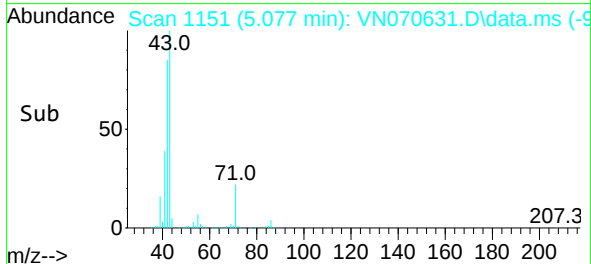
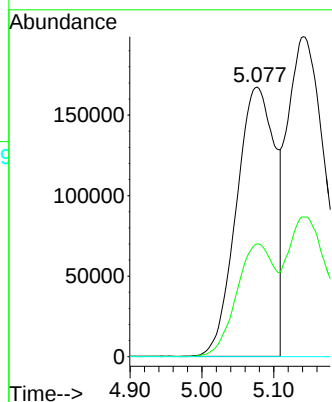


#14
 Allyl chloride
 Concen: 30.519 ug/l
 RT: 5.077 min Scan# 1151
 Delta R.T. 0.237 min
 Lab File: VN070631.D
 Acq: 14 Jan 2022 18:37

Instrument :
 MSVOA_N
 ClientSampleId :

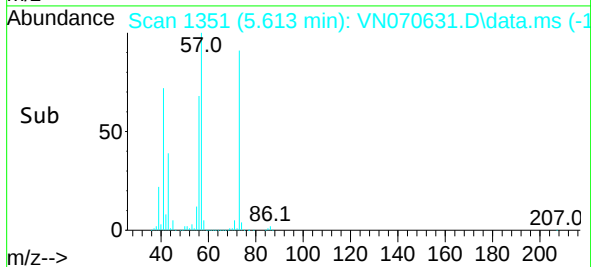
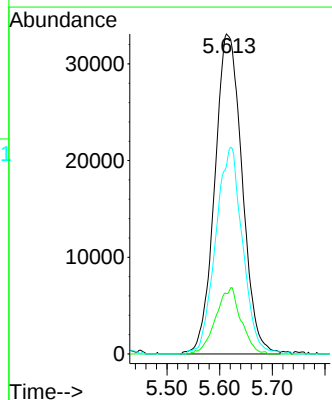
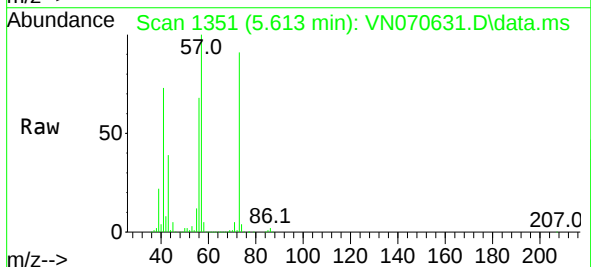


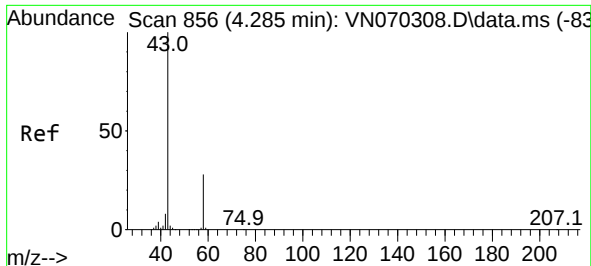
Tgt Ion: 41 Resp: 624835
 Ion Ratio Lower Upper
 41 100
 39 40.6 61.2 91.8#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 18.041 ug/l
 RT: 5.613 min Scan# 1351
 Delta R.T. 0.059 min
 Lab File: VN070631.D
 Acq: 14 Jan 2022 18:37

Tgt Ion: 53 Resp: 119502
 Ion Ratio Lower Upper
 53 100
 52 19.0 66.2 99.2#
 51 63.5 29.6 44.4#

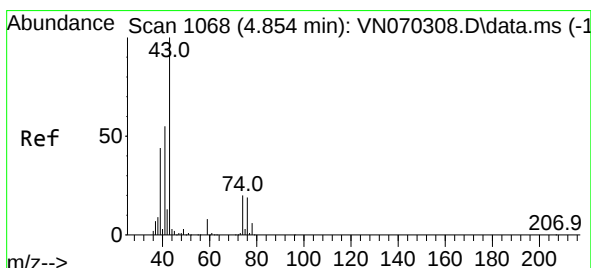
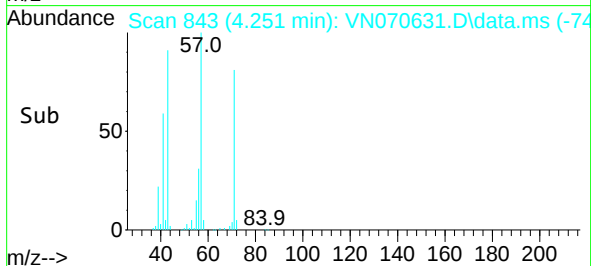
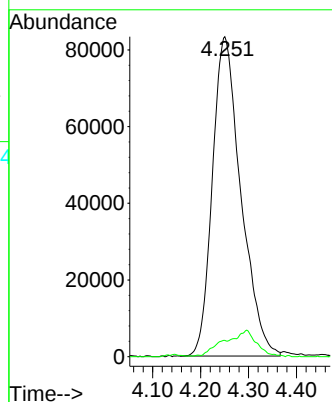
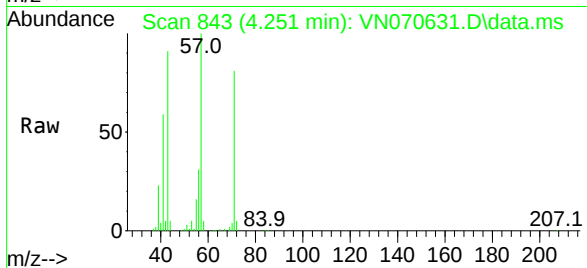




#16
Acetone
Concen: 41.555 ug/l
RT: 4.251 min Scan# 84
Delta R.T. -0.034 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

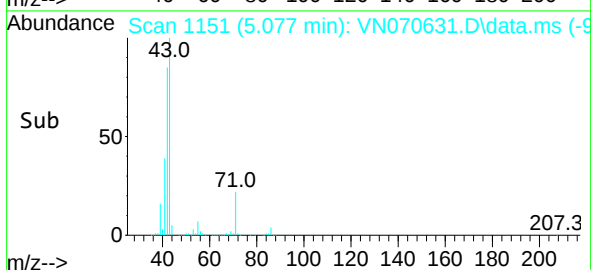
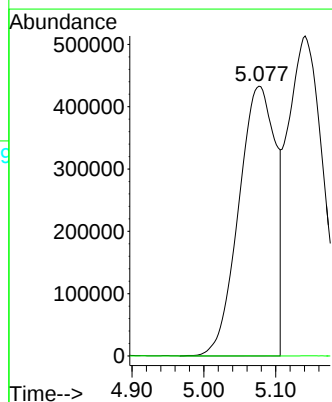
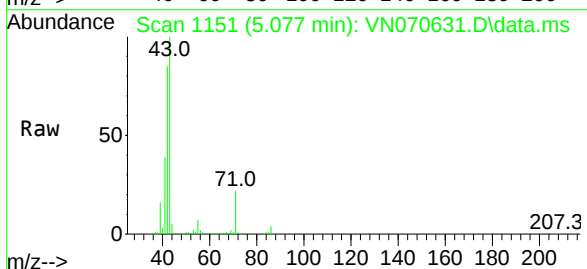
Instrument :
MSVOA_N
ClientSampleId :

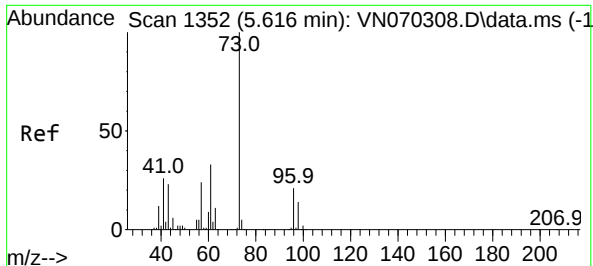
Tgt Ion: 43 Resp: 343898
Ion Ratio Lower Upper
43 100
58 4.7 23.1 34.7#



#18
Methyl Acetate
Concen: 64.540 ug/l
RT: 5.077 min Scan# 1151
Delta R.T. 0.223 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 43 Resp: 1545022
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 96.640 ug/l

RT: 5.621 min Scan# 1146

Delta R.T. 0.005 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

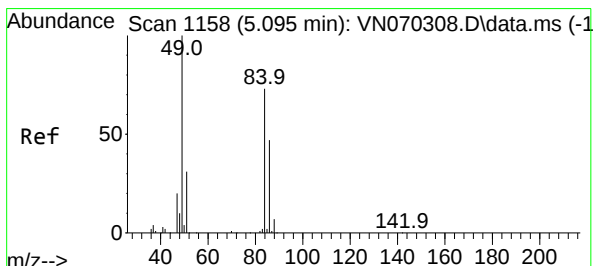
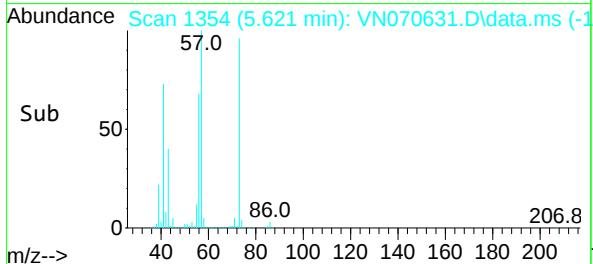
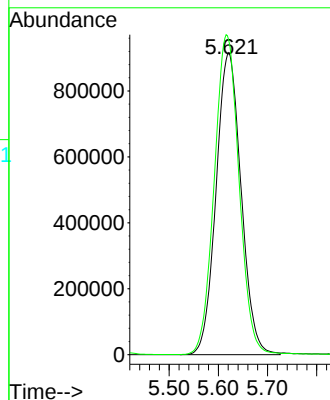
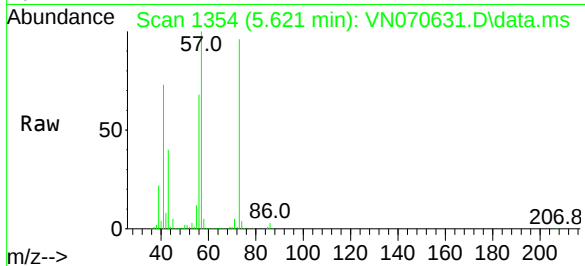
ClientSampleId :

Tgt Ion: 73 Resp: 3240839

Ion Ratio Lower Upper

73 100

57 104.2 16.8 25.2#



#20

Methylene Chloride

Concen: 0.394 ug/l

RT: 5.063 min Scan# 1146

Delta R.T. -0.032 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Tgt Ion: 84 Resp: 4517

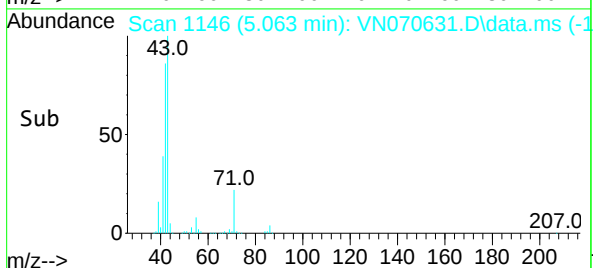
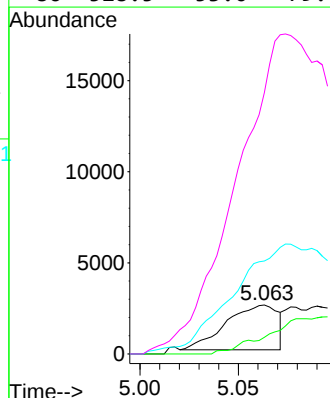
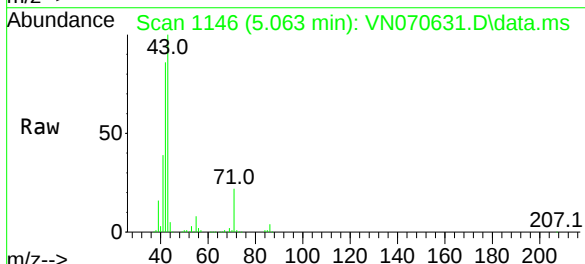
Ion Ratio Lower Upper

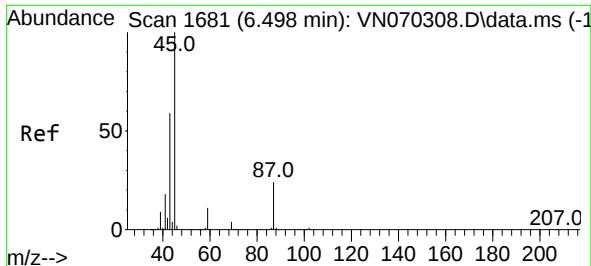
84 100

49 37.2 93.5 140.3#

51 190.3 29.4 44.2#

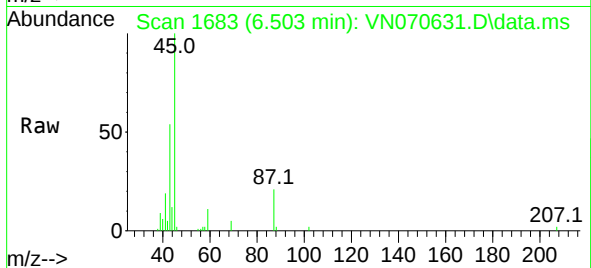
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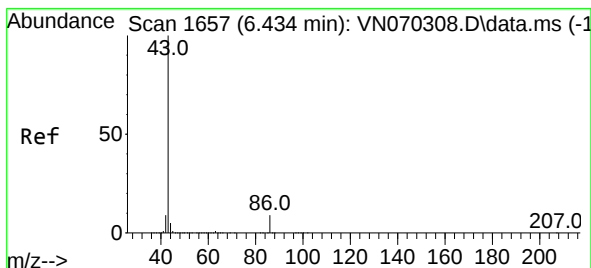
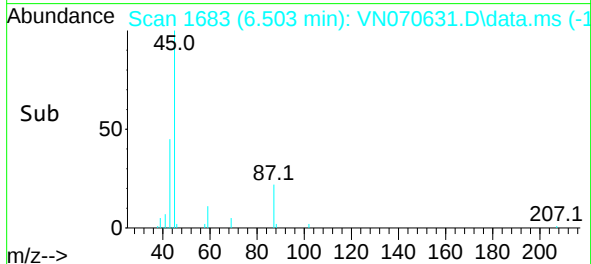
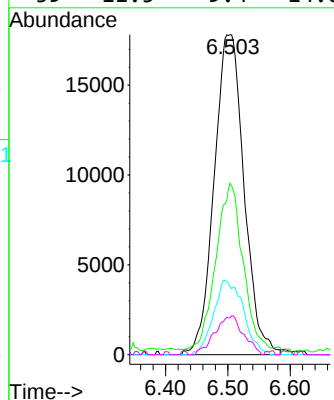


#22
Diisopropyl ether
Concen: 1.487 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN070631.D
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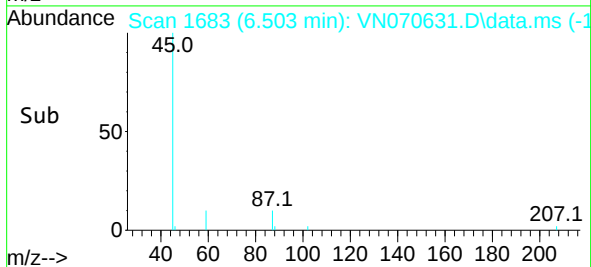
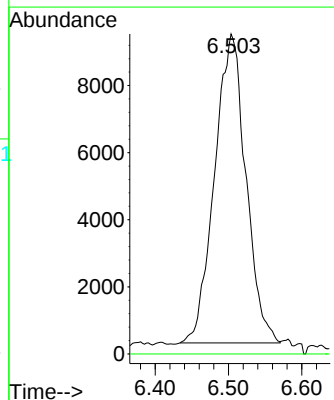
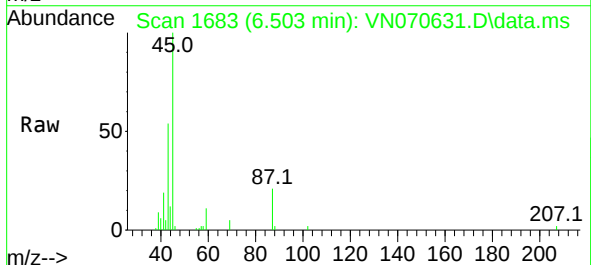


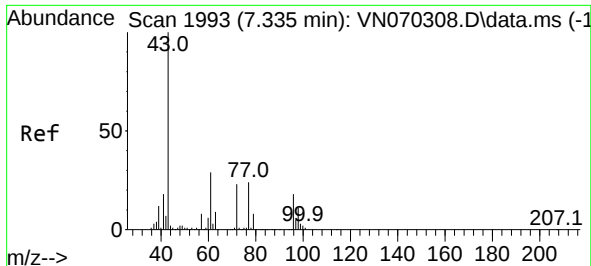
Tgt Ion: 45	Resp: 59306
Ion Ratio	Lower Upper
45	100
43	51.9 51.7 77.5
87	21.3 23.2 34.8#
59	11.5 9.4 14.0



#23
Vinyl Acetate
Concen: 0.883 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.069 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 43	Resp: 27306
Ion Ratio	Lower Upper
43	100
86	0.0 8.5 12.7#





#25

2-Butanone

Concen: 4.736 ug/l

RT: 7.329 min Scan# 1993

Delta R.T. -0.006 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

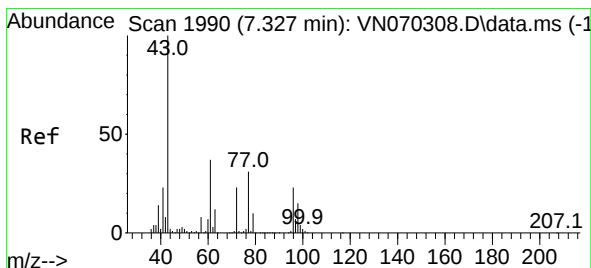
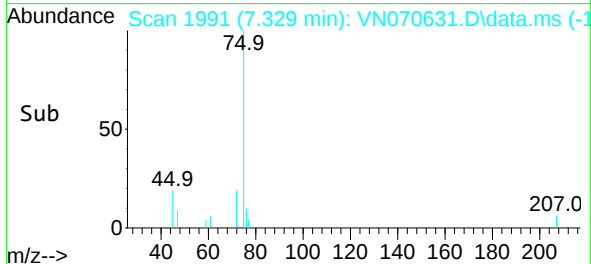
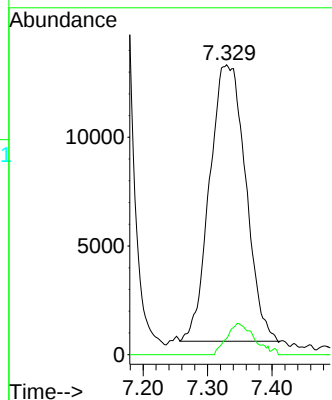
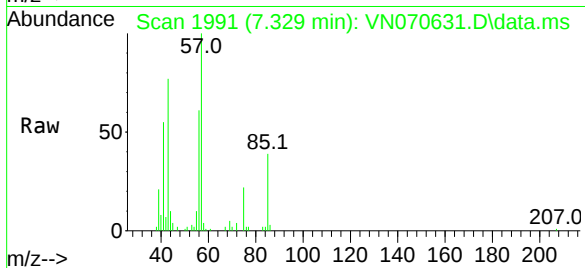
ClientSampleId :

Tgt Ion: 43 Resp: 49352

Ion Ratio Lower Upper

43 100

72 5.8 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 0.684 ug/l

RT: 7.147 min Scan# 1923

Delta R.T. -0.180 min

Lab File: VN070631.D

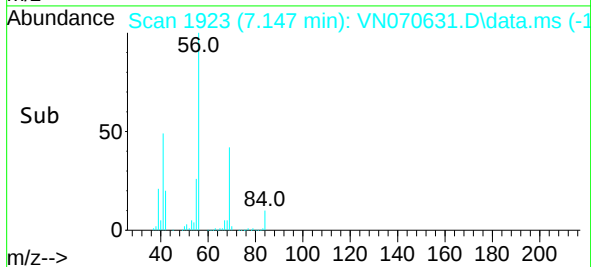
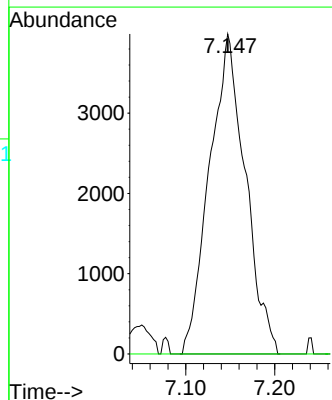
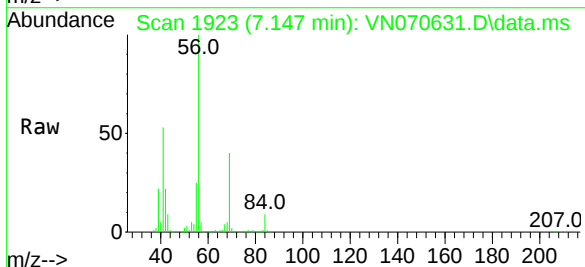
Acq: 14 Jan 2022 18:37

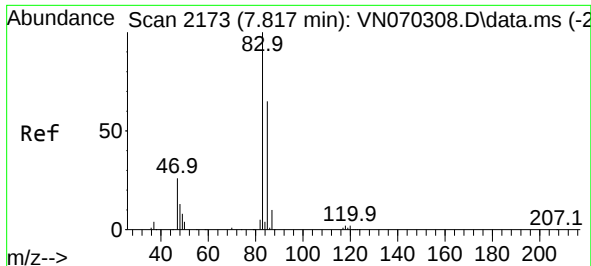
Tgt Ion: 77 Resp: 11159

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#





#30

Chloroform

Concen: 0.233 ug/l

RT: 7.826 min Scan# 2173

Delta R.T. 0.009 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

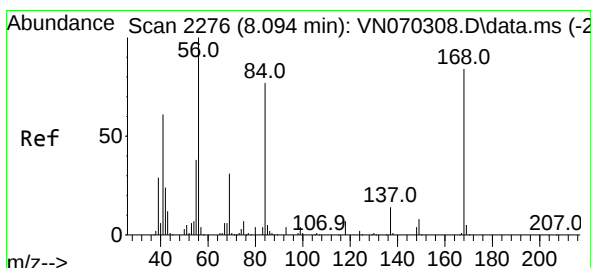
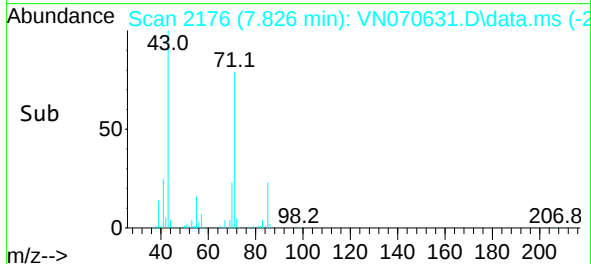
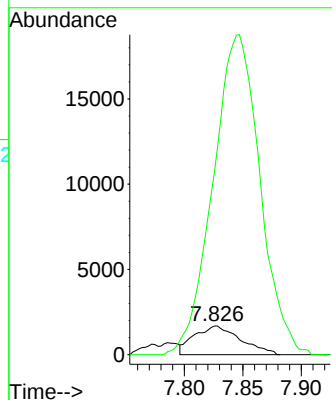
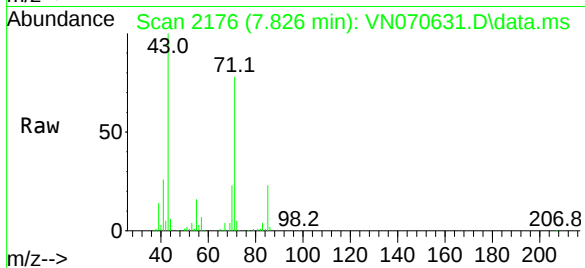
ClientSampleId :

Tgt Ion: 83 Resp: 4645

Ion Ratio Lower Upper

83 100

85 587.5 51.9 77.9#



#31

Cyclohexane

Concen: 42.199 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.000 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

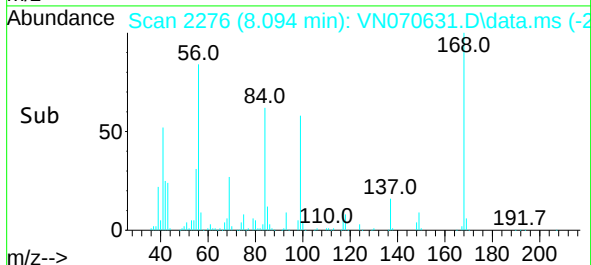
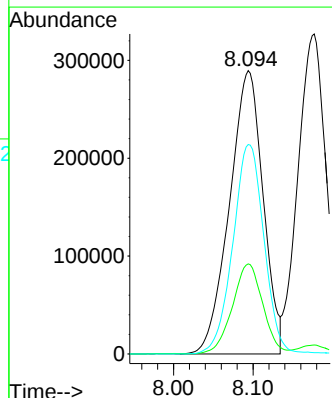
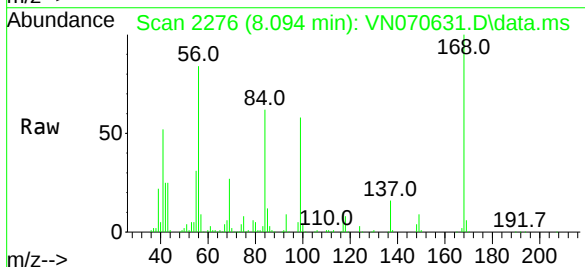
Tgt Ion: 56 Resp: 848941

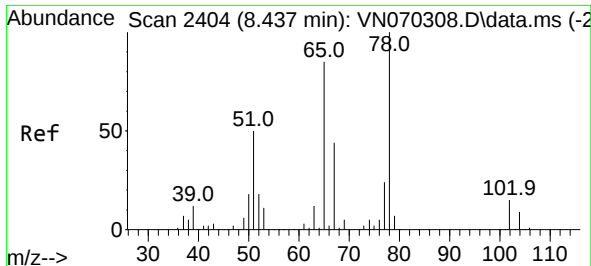
Ion Ratio Lower Upper

56 100

69 31.7 27.1 40.7

84 73.9 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 54.133 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

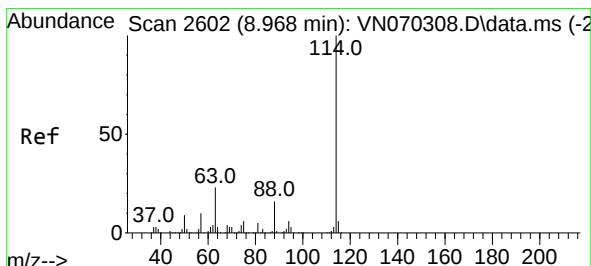
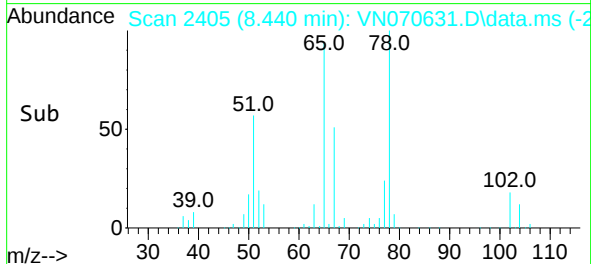
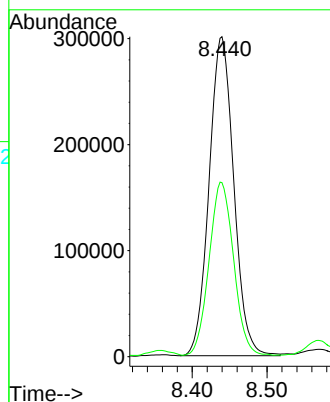
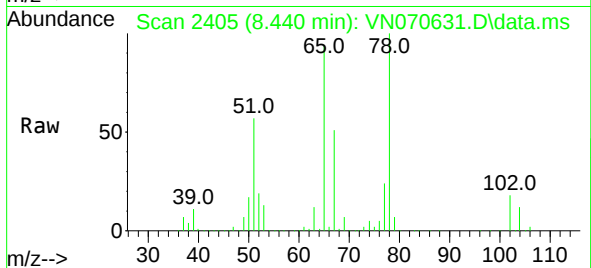
ClientSampleId :

Tgt Ion: 65 Resp: 690112

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

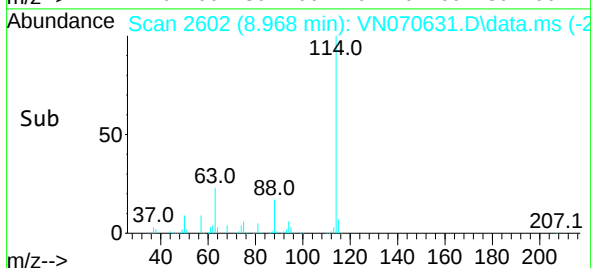
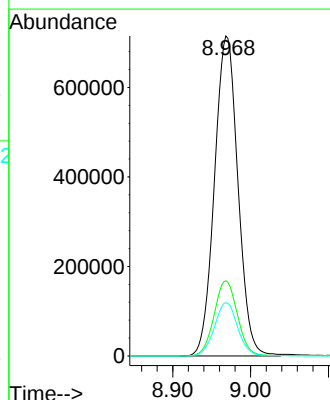
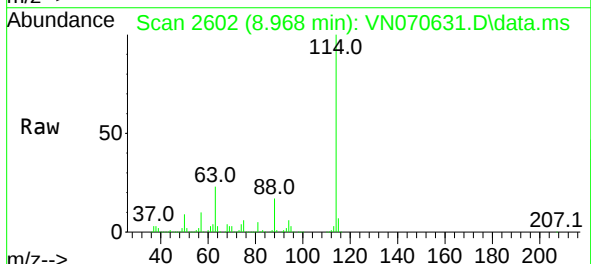
Tgt Ion: 114 Resp: 1491146

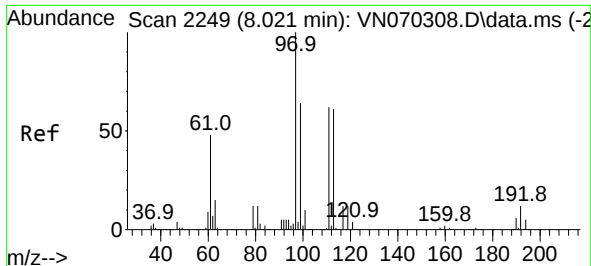
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

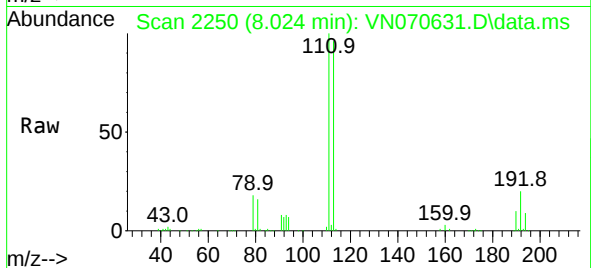
88 16.7 0.0 27.4



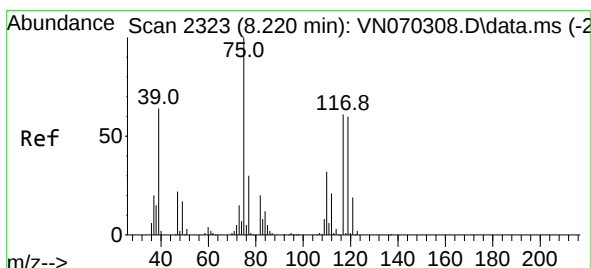
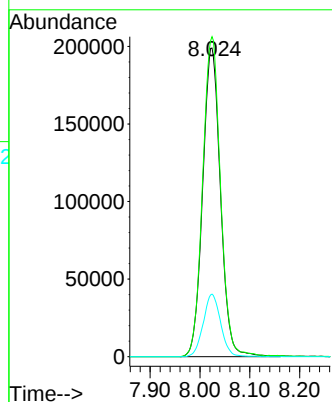
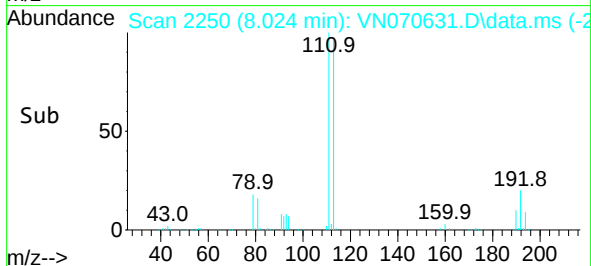


#35
 Dibromofluoromethane
 Concen: 54.763 ug/l
 RT: 8.024 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VN070631.D
 Acq: 14 Jan 2022 18:37

Instrument :
 MSVOA_N
 ClientSampleId :

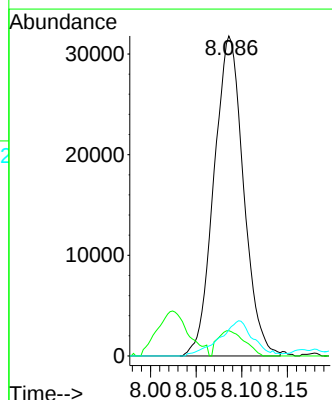
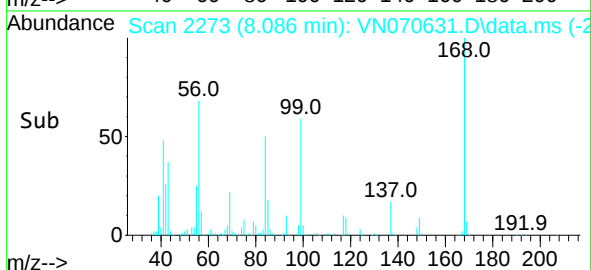
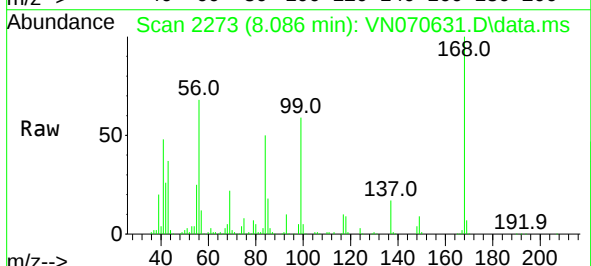


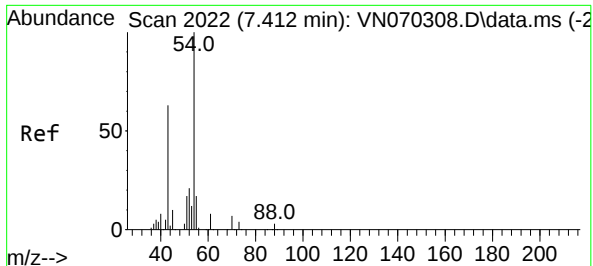
Tgt Ion:113 Resp: 494081
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.2
 192 19.9 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.793 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.134 min
 Lab File: VN070631.D
 Acq: 14 Jan 2022 18:37

Tgt Ion: 75 Resp: 71543
 Ion Ratio Lower Upper
 75 100
 110 7.2 18.4 55.2#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.551 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. -0.083 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

ClientSampleId :

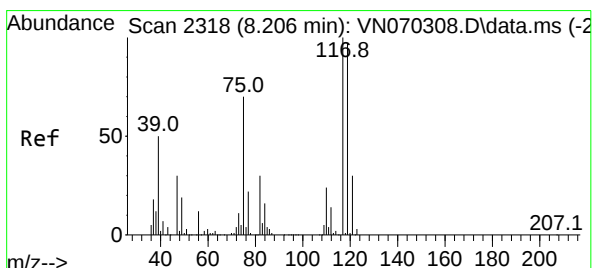
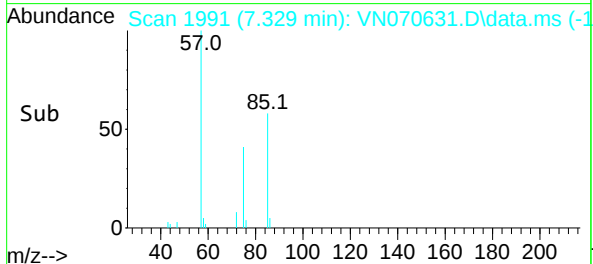
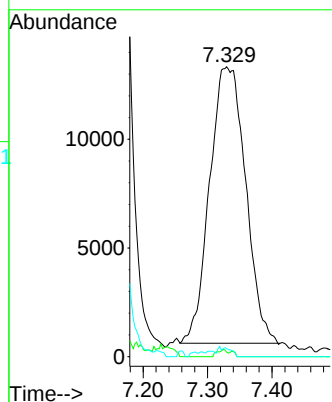
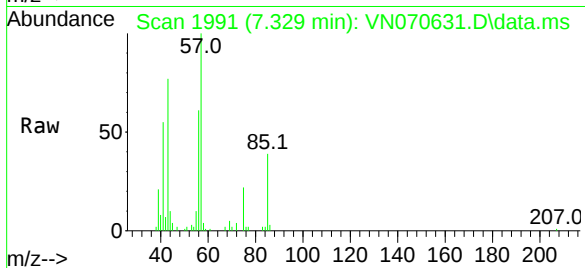
Tgt Ion: 43 Resp: 49352

Ion Ratio Lower Upper

43 100

61 0.7 11.5 17.3#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.029 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.123 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

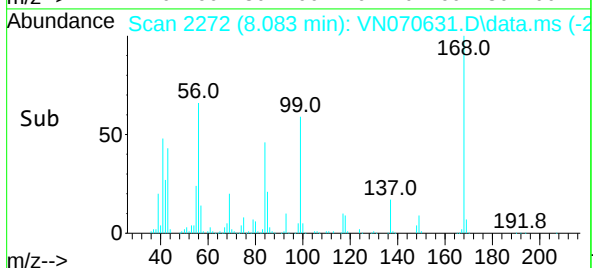
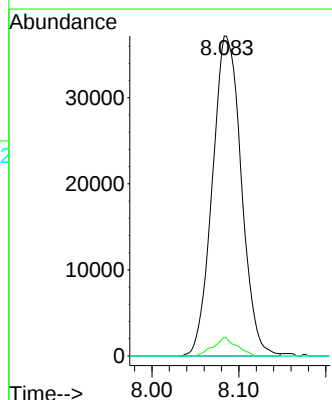
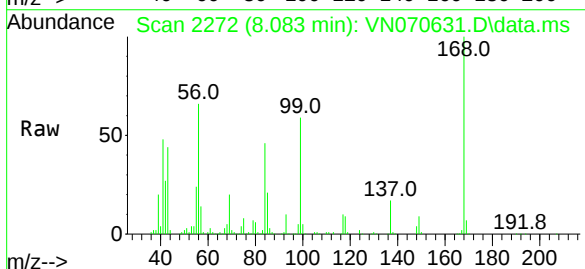
Tgt Ion: 117 Resp: 85922

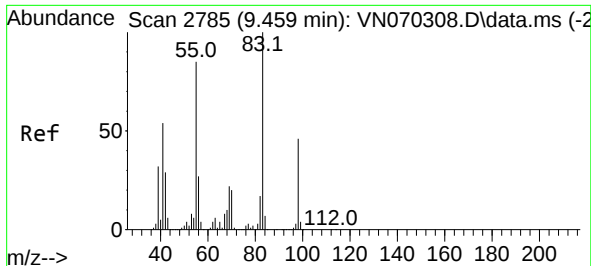
Ion Ratio Lower Upper

117 100

119 5.9 76.1 114.1#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 62.440 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

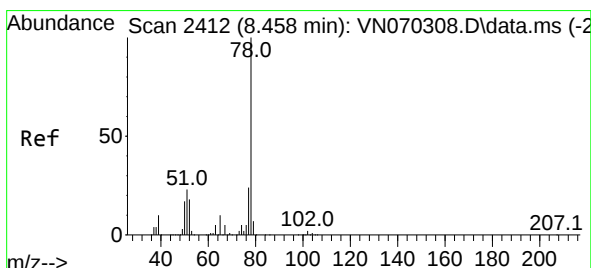
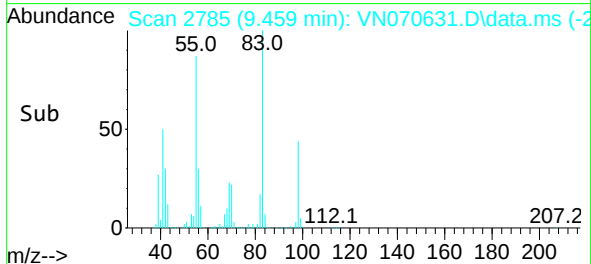
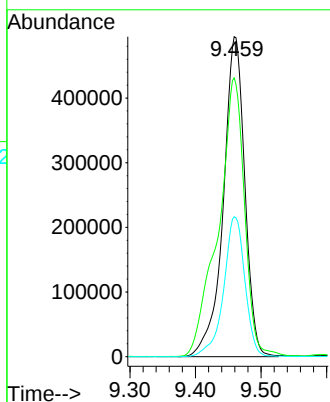
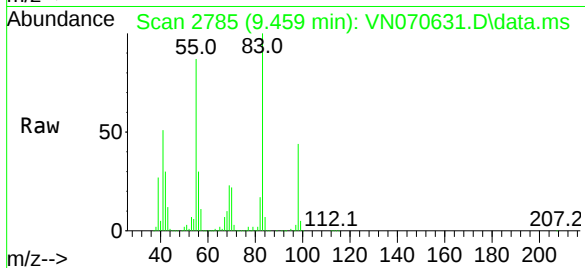
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83 Resp: 1128229

Ion	Ratio	Lower	Upper
83	100		
55	87.0	58.1	87.1
98	43.8	38.4	57.6



#40

Benzene

Concen: 43.560 ug/l

RT: 8.461 min Scan# 2413

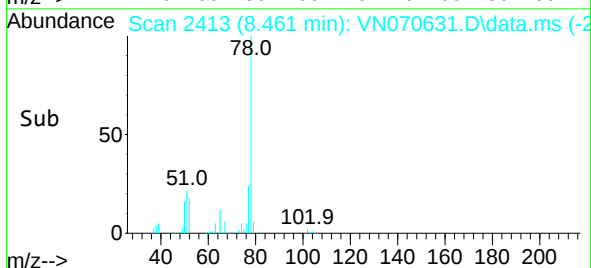
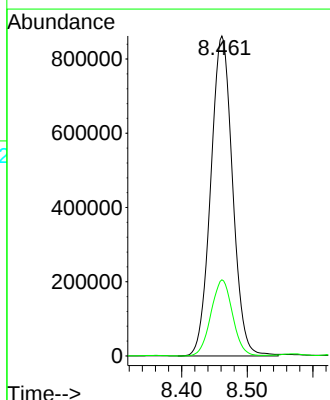
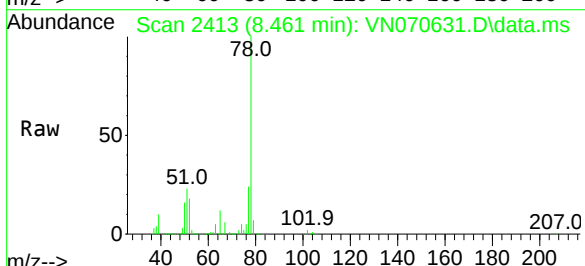
Delta R.T. 0.003 min

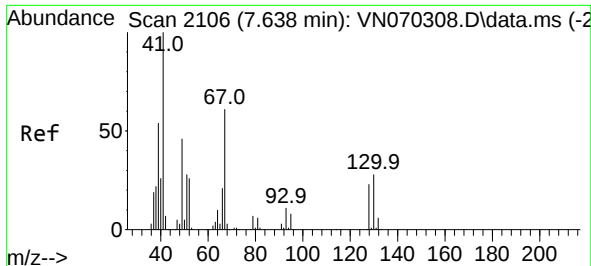
Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Tgt Ion: 78 Resp: 1993178

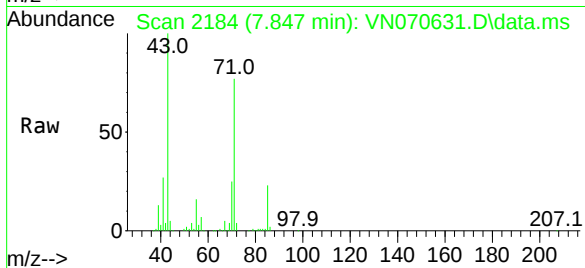
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8



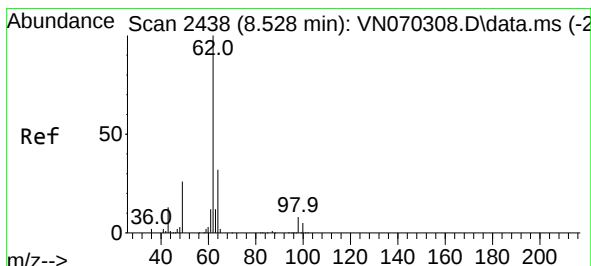
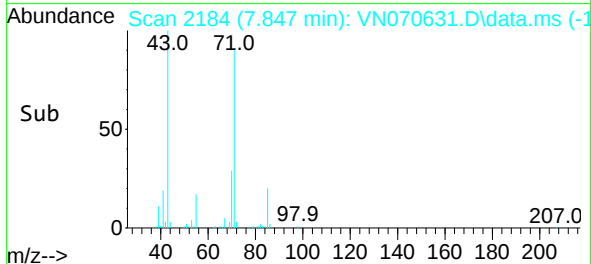
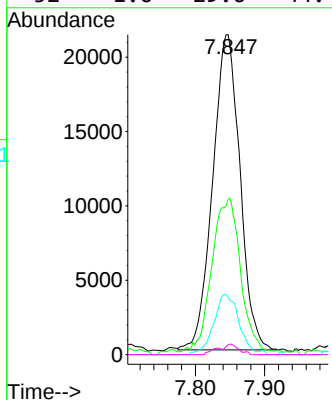


#41
Methacrylonitrile
Concen: 5.997 ug/l
RT: 7.847 min Scan# 2106
Delta R.T. 0.209 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Instrument :
MSVOA_N
ClientSampleId :

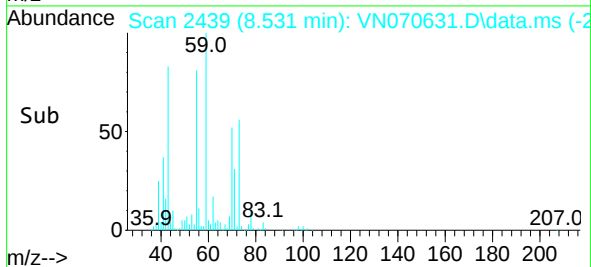
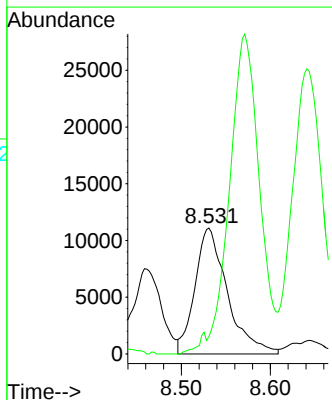
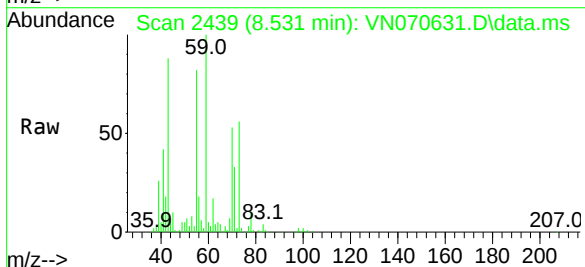


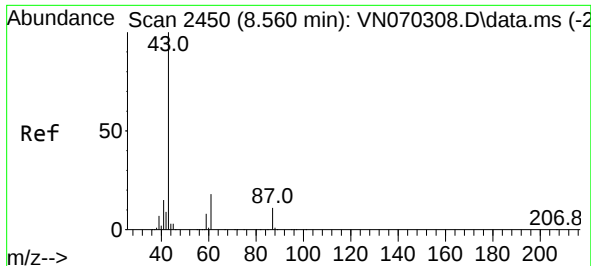
Tgt Ion:	41	Resp:	58034
Ion	Ratio	Lower	Upper
41	100		
39	50.7	48.1	72.1
67	17.6	68.3	102.5#
52	1.6	29.6	44.4#



#42
1,2-Dichloroethane
Concen: 1.634 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion:	62	Resp:	28101
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6

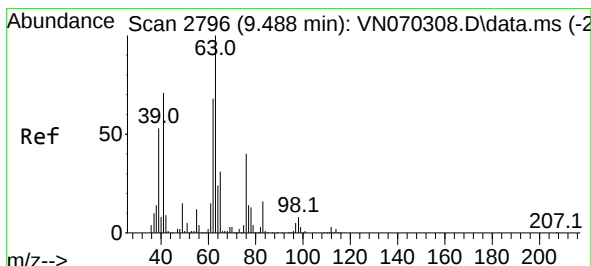
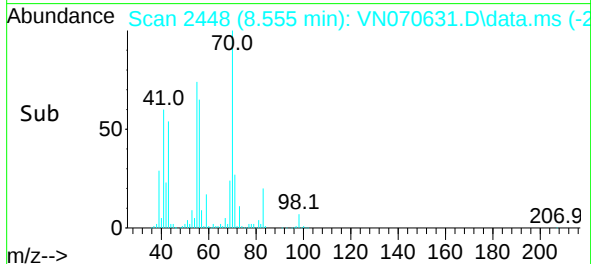
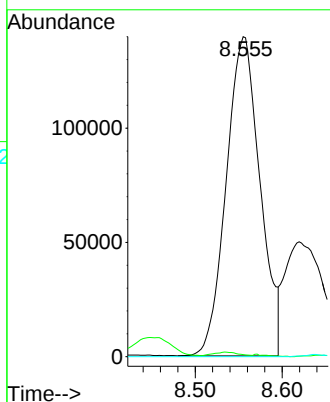
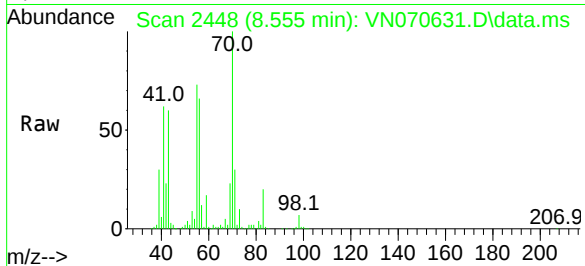




#43
Isopropyl Acetate
Concen: 12.371 ug/l
RT: 8.555 min Scan# 2450
Delta R.T. -0.005 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

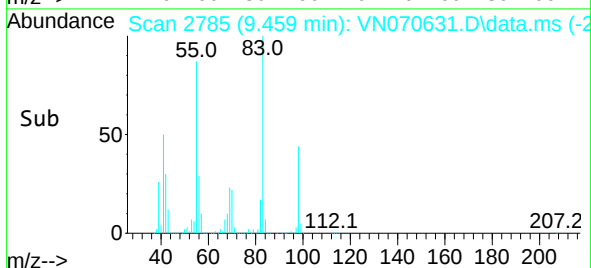
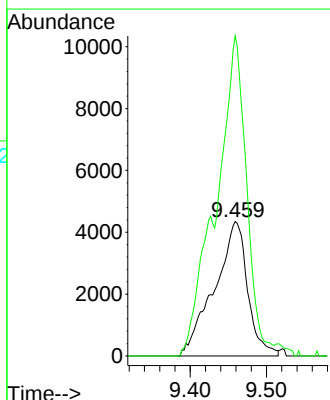
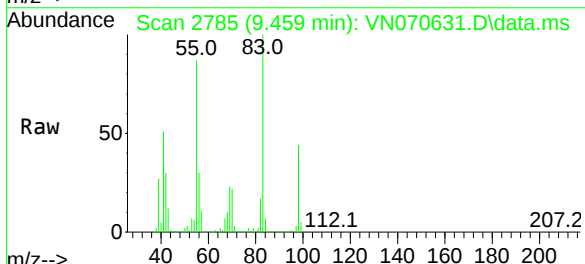
Instrument :
MSVOA_N
ClientSampleId :

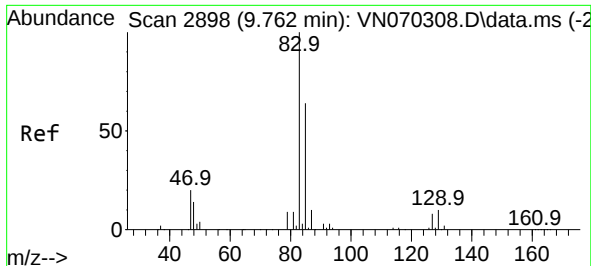
Tgt Ion: 43 Resp: 377346
Ion Ratio Lower Upper
43 100
61 0.3 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 1.067 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.029 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 63 Resp: 13144
Ion Ratio Lower Upper
63 100
65 238.2 24.7 37.1#

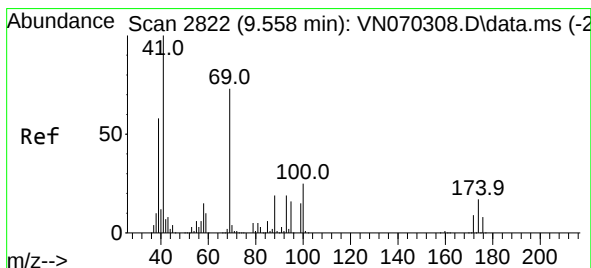
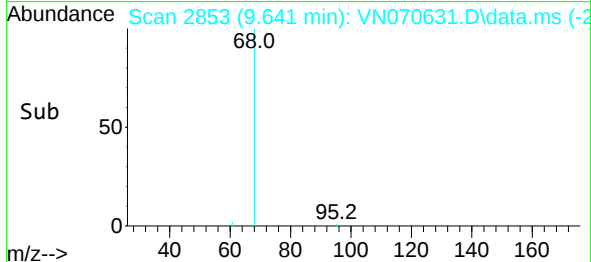
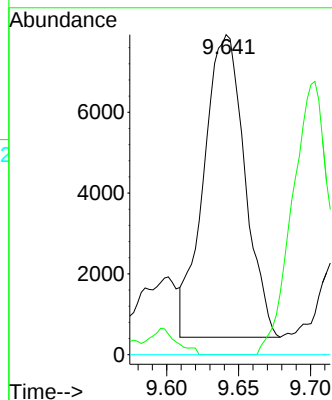
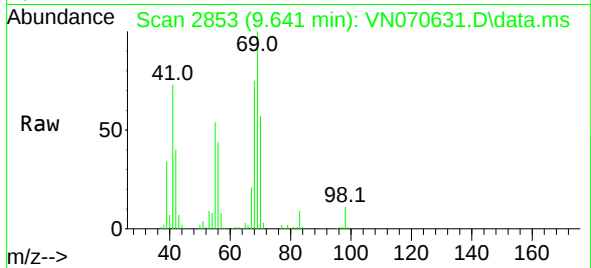




#47
Bromodichloromethane
Concen: 0.977 ug/l
RT: 9.641 min Scan# 2853
Delta R.T. -0.121 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

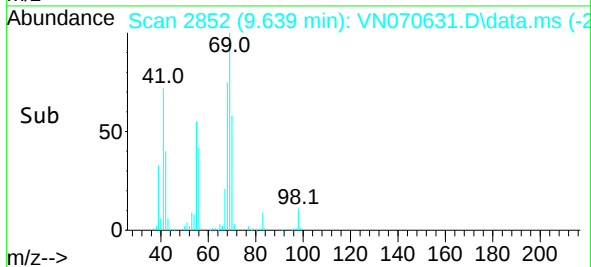
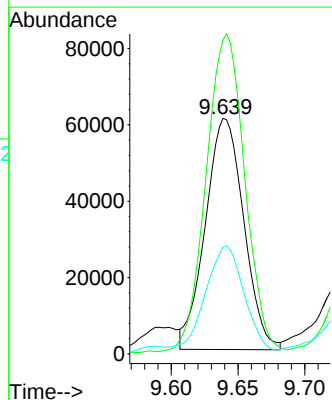
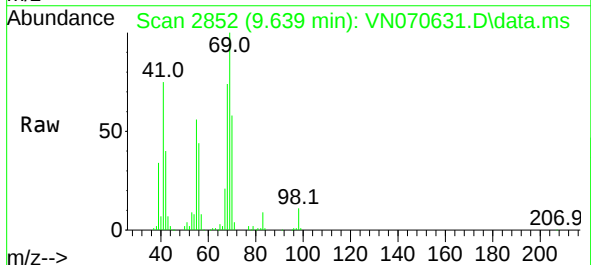
Instrument :
MSVOA_N
ClientSampleId :

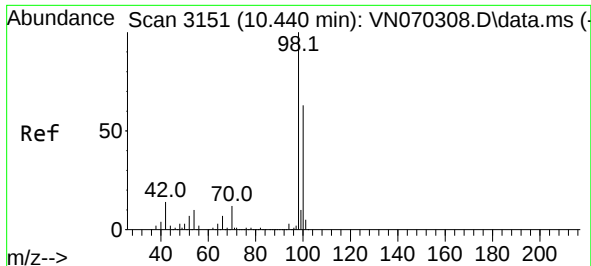
Tgt Ion: 83 Resp: 14857
Ion Ratio Lower Upper
83 100
85 0.0 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 8.334 ug/l
RT: 9.639 min Scan# 2852
Delta R.T. 0.081 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 41 Resp: 121247
Ion Ratio Lower Upper
41 100
69 137.8 72.4 108.6#
39 44.1 58.4 87.6#

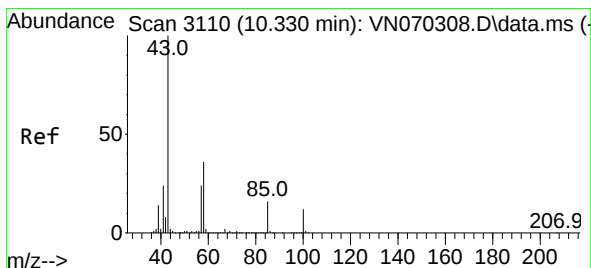
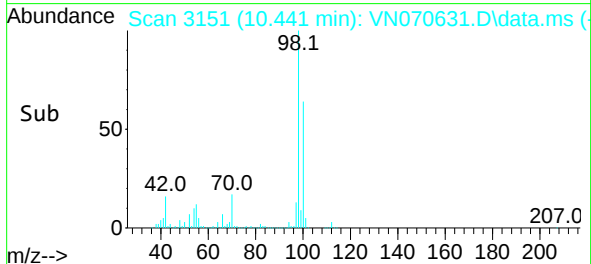
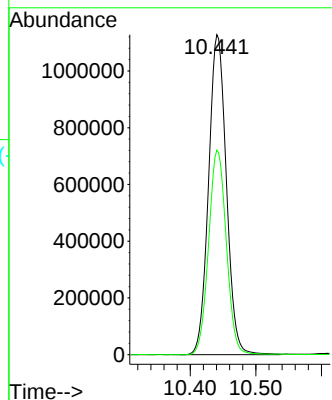
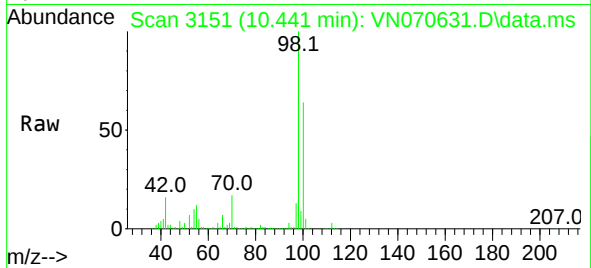




#50
Toluene-d8
Concen: 57.577 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

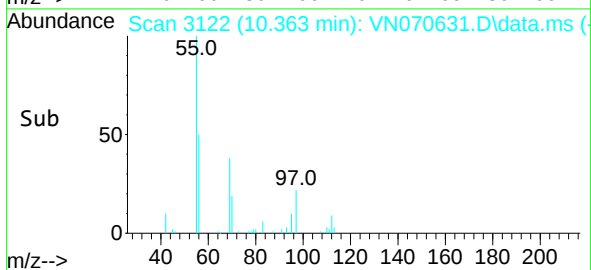
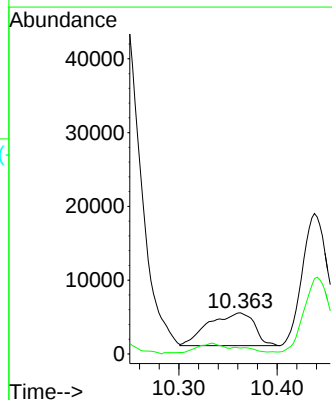
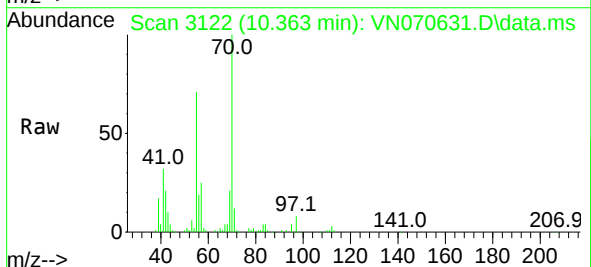
Instrument :
MSVOA_N
ClientSampleId :

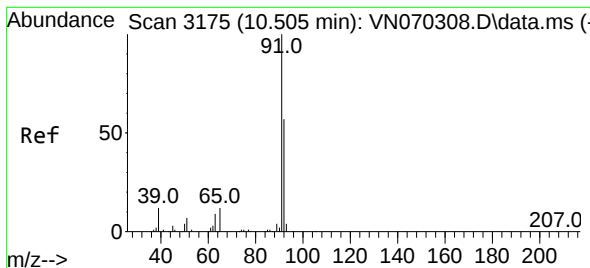
Tgt Ion: 98 Resp: 2122093
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.754 ug/l
RT: 10.363 min Scan# 3122
Delta R.T. 0.033 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 43 Resp: 14442
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#52

Toluene

Concen: 10.086 ug/l

RT: 10.505 min Scan# 3175

Delta R.T. -0.000 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

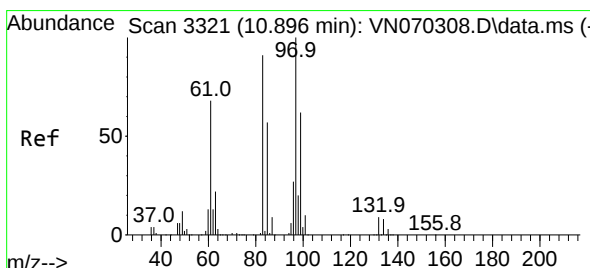
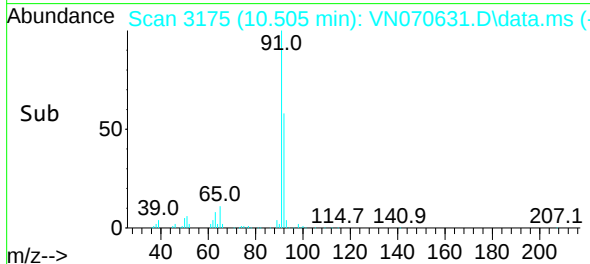
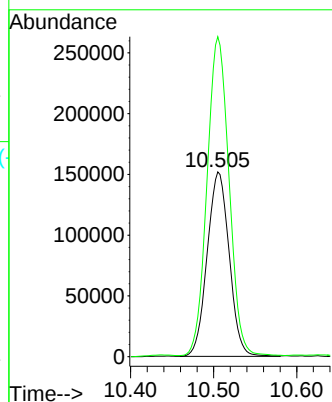
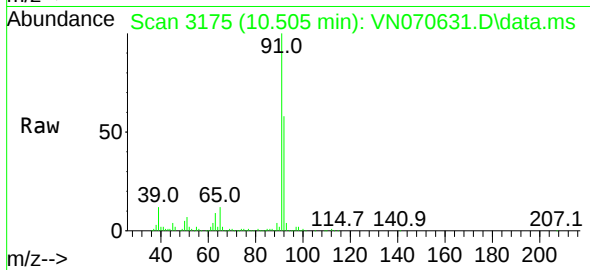
ClientSampleId :

Tgt Ion: 92 Resp: 279349

Ion Ratio Lower Upper

92 100

91 172.2 142.0 213.0



#55

1,1,2-Trichloroethane

Concen: 20.882 ug/l

RT: 10.878 min Scan# 3314

Delta R.T. -0.018 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Tgt Ion: 97 Resp: 228832

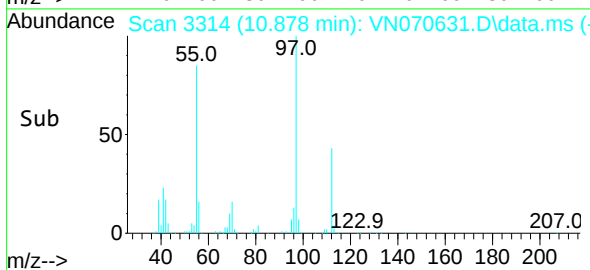
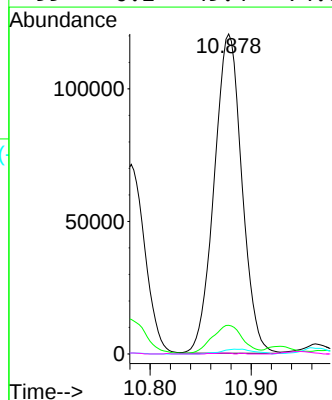
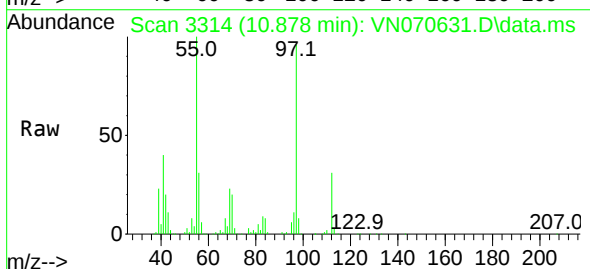
Ion Ratio Lower Upper

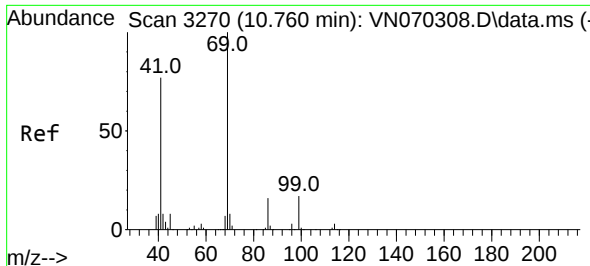
97 100

83 8.7 67.8 101.6#

85 1.3 45.4 68.2#

99 0.2 49.4 74.0#

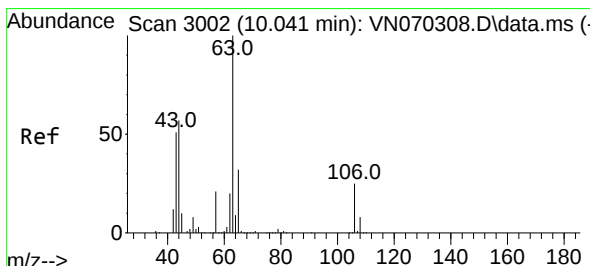
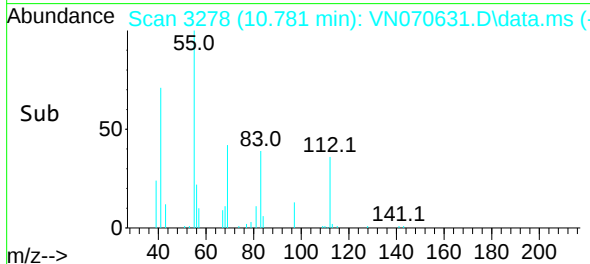
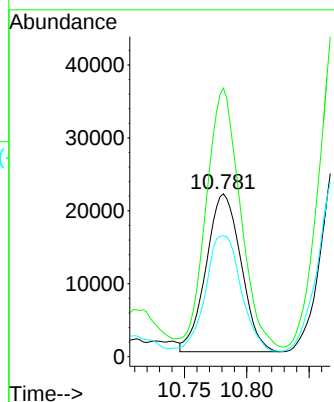
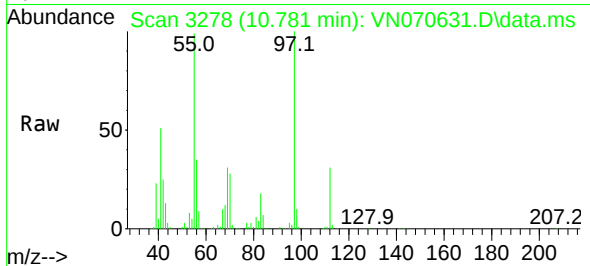




#56
Ethyl methacrylate
Concen: 2.325 ug/l
RT: 10.781 min Scan# 31
Delta R.T. 0.021 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

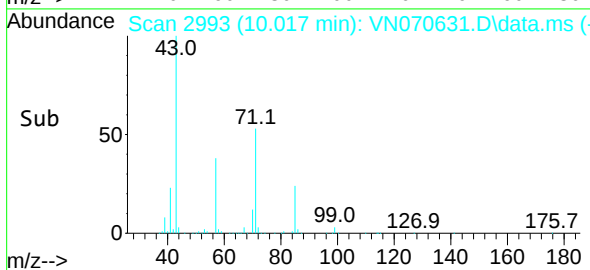
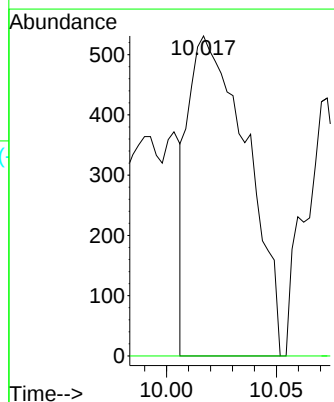
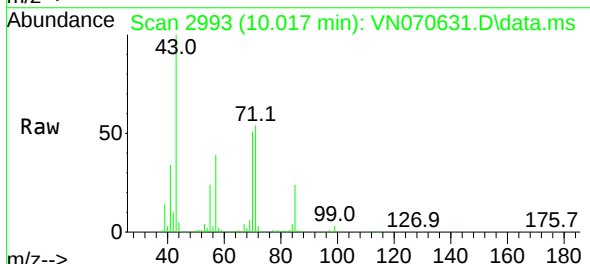
Instrument :
MSVOA_N
ClientSampleId :

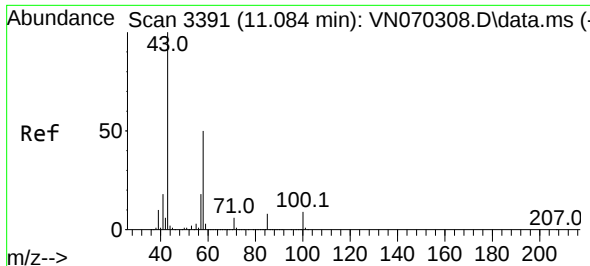
Tgt Ion: 69 Resp: 42092
Ion Ratio Lower Upper
69 100
41 158.6 51.4 77.0#
39 74.2 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.709 ug/l
RT: 10.017 min Scan# 2993
Delta R.T. -0.024 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 63 Resp: 980
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

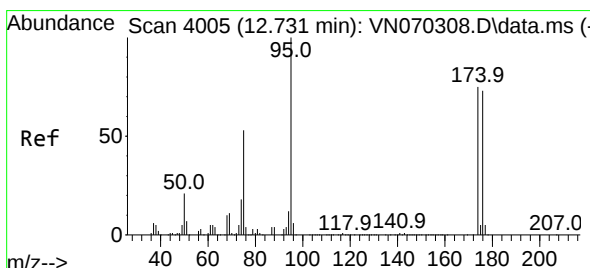
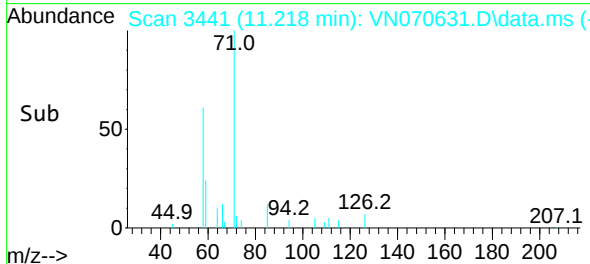
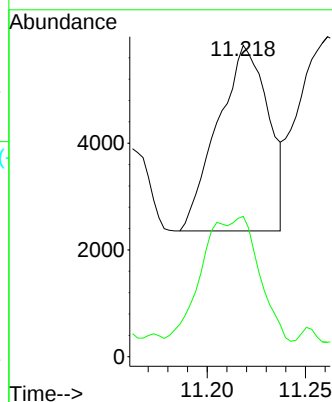
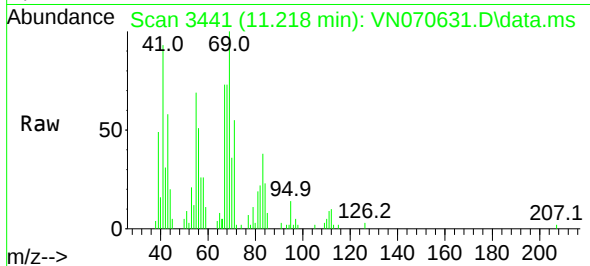




#59
2-Hexanone
Concen: 0.447 ug/l
RT: 11.218 min Scan# 34
Delta R.T. 0.134 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

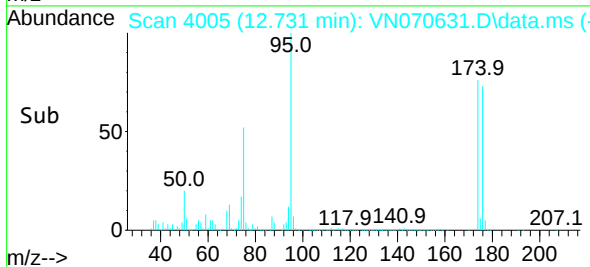
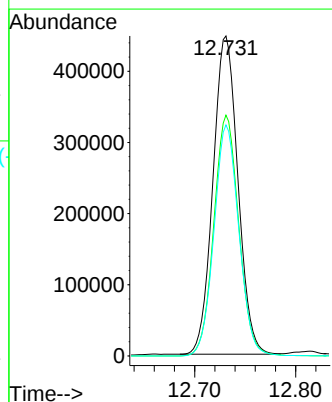
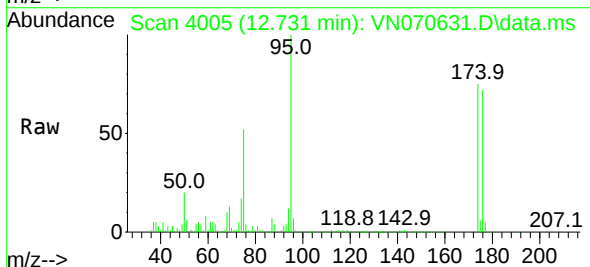
Instrument :
MSVOA_N
ClientSampleId :

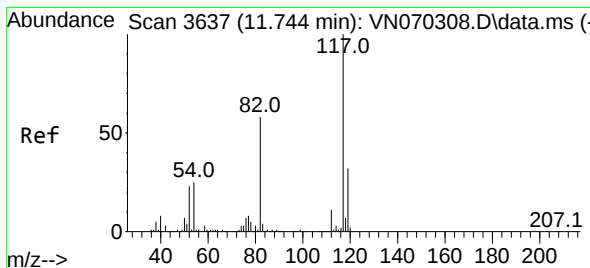
Tgt Ion: 43 Resp: 6254
Ion Ratio Lower Upper
43 100
58 77.2 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 57.543 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 95 Resp: 766004
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.4 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.000 min

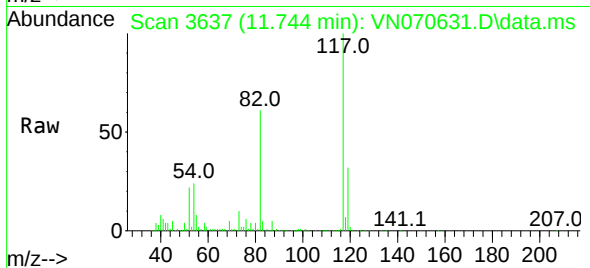
Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

ClientSampleId :



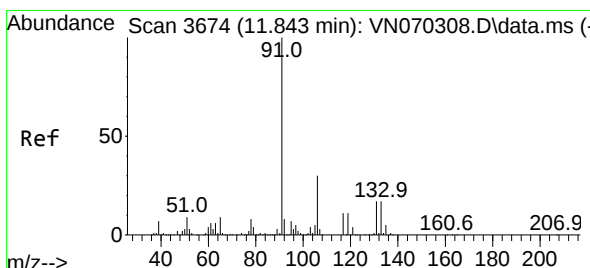
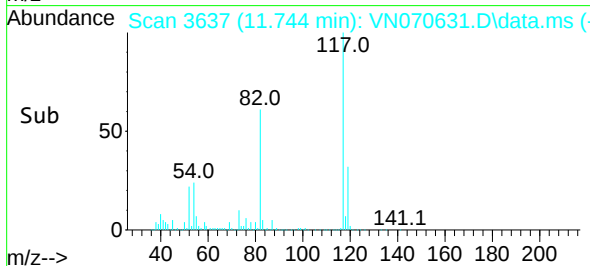
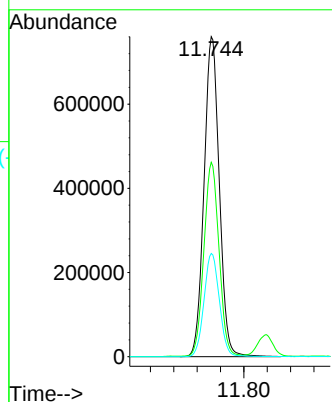
Tgt Ion:117 Resp: 1379329

Ion Ratio Lower Upper

117 100

82 60.6 42.4 63.6

119 32.3 25.4 38.2



#67

Ethyl Benzene

Concen: 103.598 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. 0.000 min

Lab File: VN070631.D

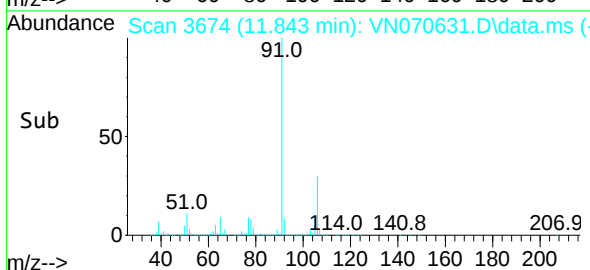
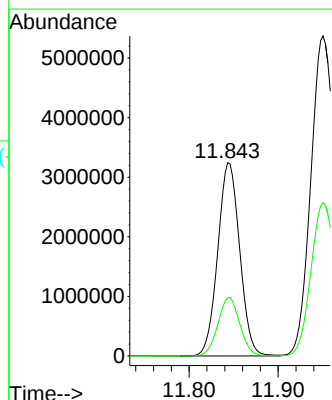
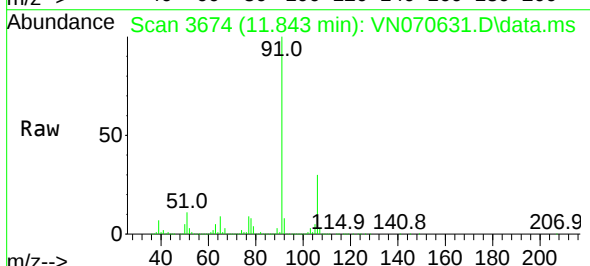
Acq: 14 Jan 2022 18:37

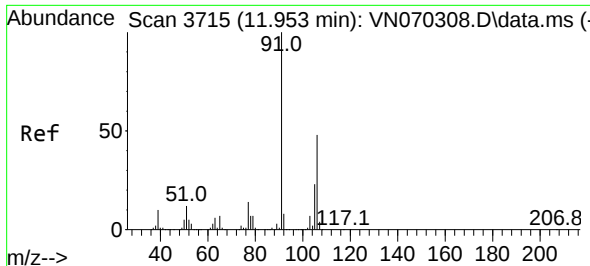
Tgt Ion: 91 Resp: 5555196

Ion Ratio Lower Upper

91 100

106 30.1 25.7 38.5

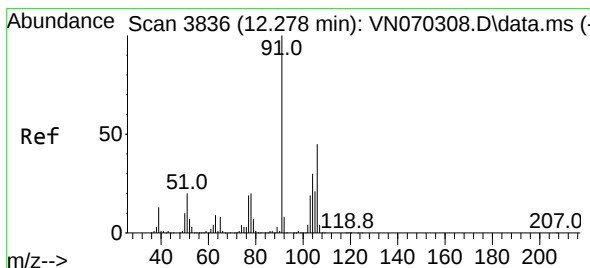
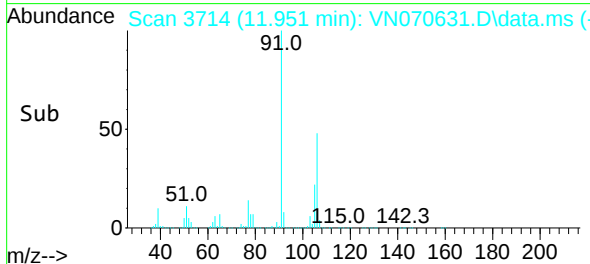
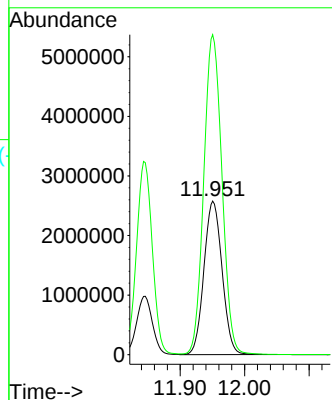
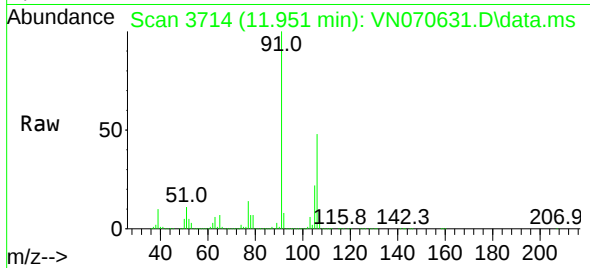




#68
m/p-Xylenes
Concen: 257.663 ug/l
RT: 11.951 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

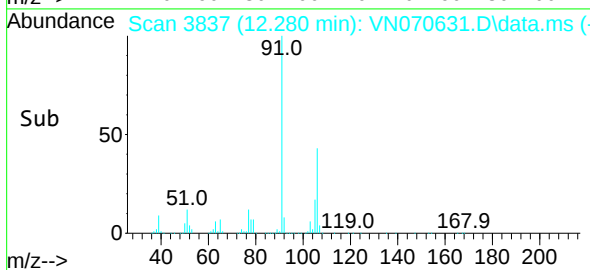
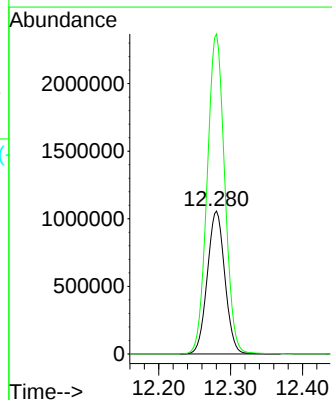
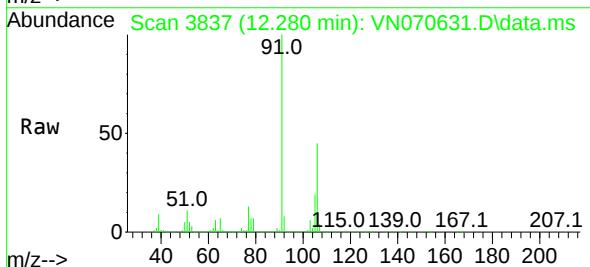
Instrument :
MSVOA_N
ClientSampleId :

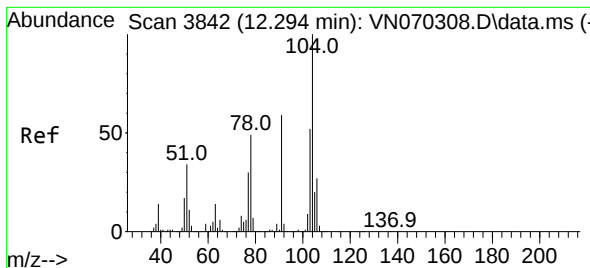
Tgt Ion:106 Resp: 5029323
Ion Ratio Lower Upper
106 100
91 208.9 160.6 240.8



#69
o-Xylene
Concen: 92.454 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion:106 Resp: 1794961
Ion Ratio Lower Upper
106 100
91 224.1 105.8 317.3





#70

Styrene

Concen: 2.912 ug/l

RT: 12.280 min Scan# 3842

Delta R.T. -0.014 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

ClientSampleId :

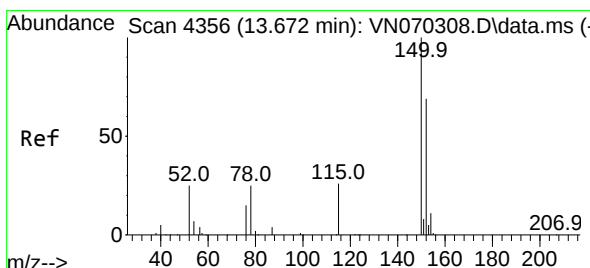
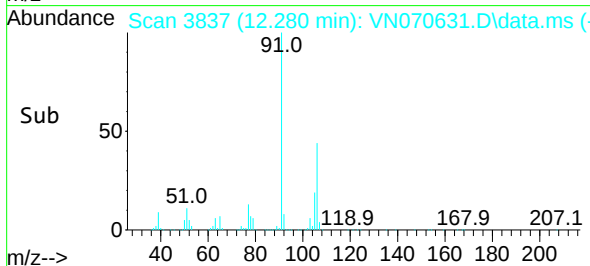
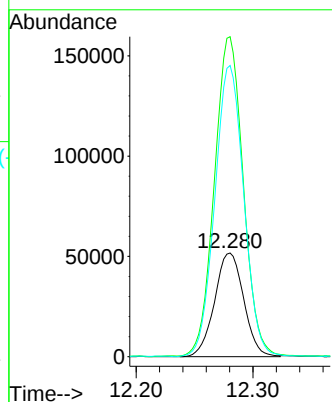
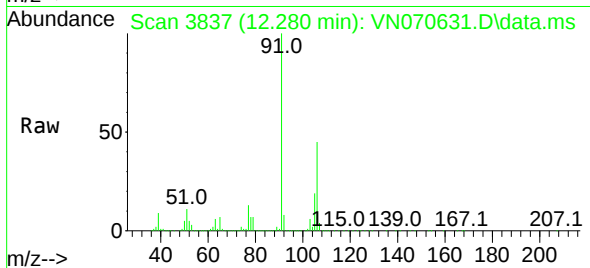
Tgt Ion:104 Resp: 89477

Ion Ratio Lower Upper

104 100

78 304.2 38.7 58.1#

103 280.3 45.0 67.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

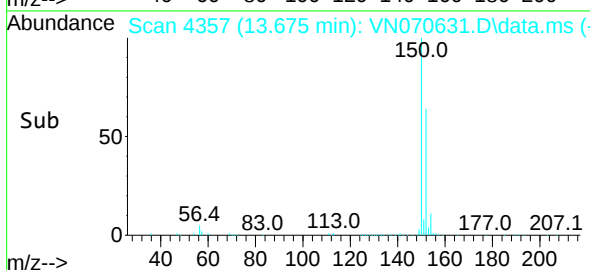
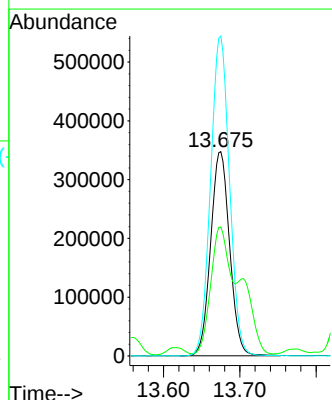
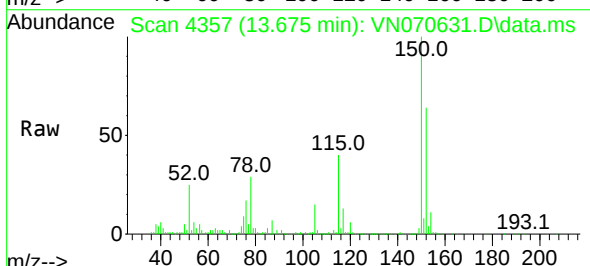
Tgt Ion:152 Resp: 601124

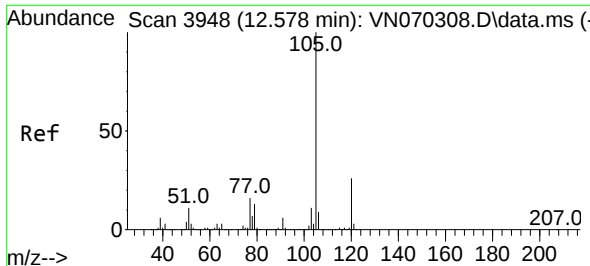
Ion Ratio Lower Upper

152 100

115 63.8 27.5 82.5

150 155.6 0.0 344.4

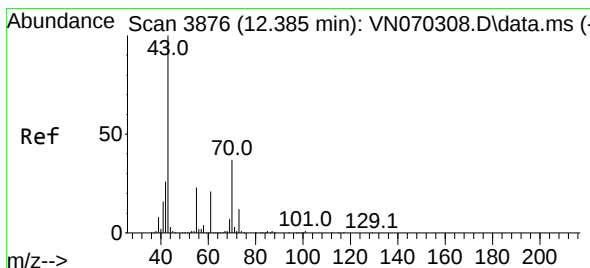
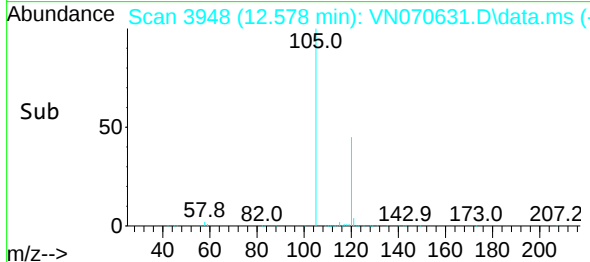
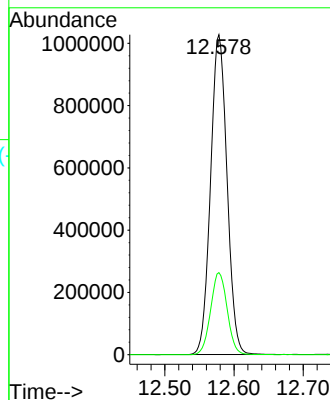
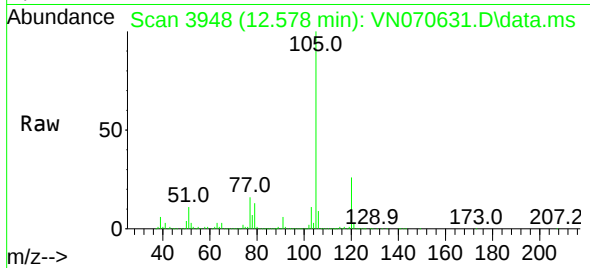




#73
Isopropylbenzene
Concen: 30.405 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

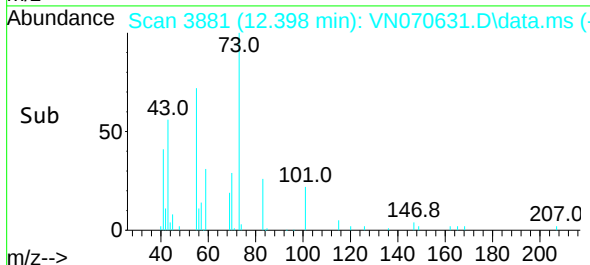
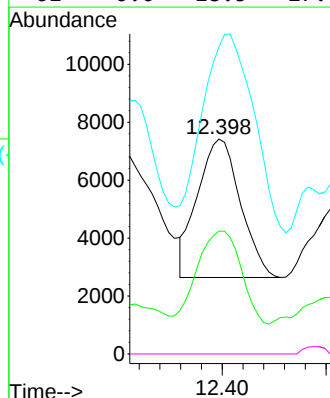
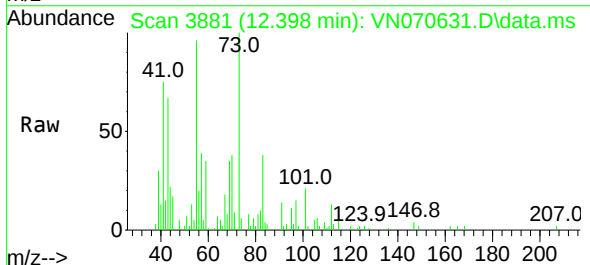
Instrument :
MSVOA_N
ClientSampleId :

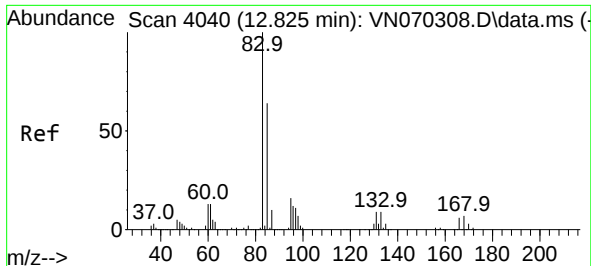
Tgt Ion:105 Resp: 1697294
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1



#74
N-ethyl acetate
Concen: 0.292 ug/l
RT: 12.398 min Scan# 3881
Delta R.T. 0.013 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 43 Resp: 6845
Ion Ratio Lower Upper
43 100
70 68.3 33.4 50.0#
55 170.5 19.3 28.9#
61 0.0 18.5 27.7#

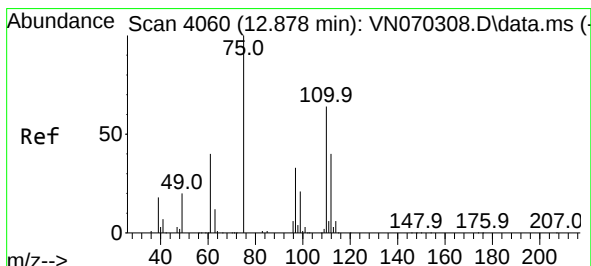
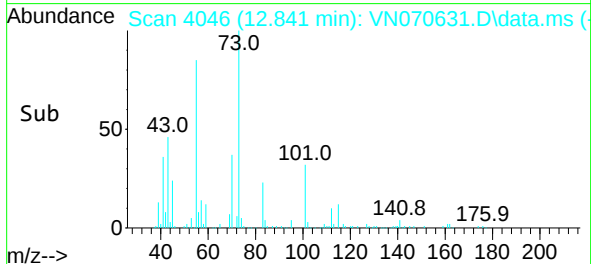
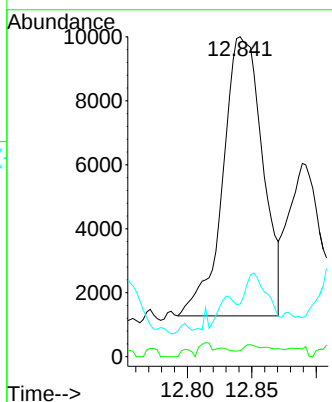
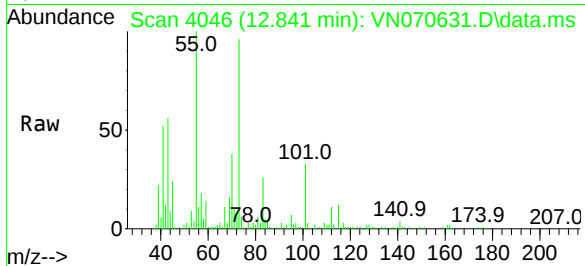




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.362 ug/l
 RT: 12.841 min Scan# 4040
 Delta R.T. 0.016 min
 Lab File: VN070631.D
 Acq: 14 Jan 2022 18:37

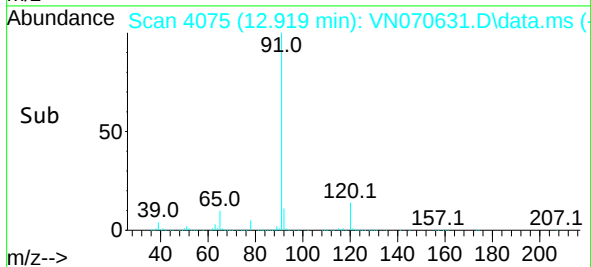
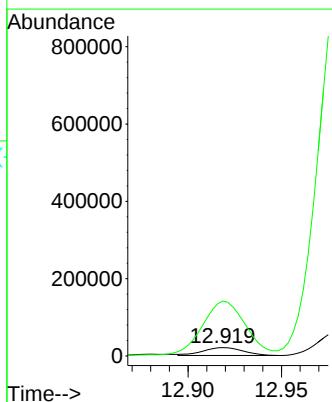
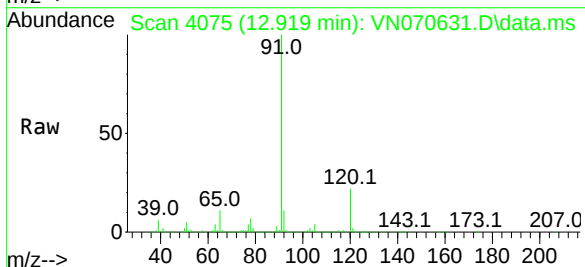
Instrument :
 MSVOA_N
 ClientSampleId :

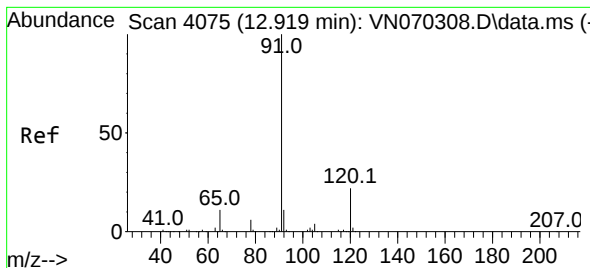
Tgt Ion: 83 Resp: 18698
 Ion Ratio Lower Upper
 83 100
 131 1.3 5.5 16.5#
 85 8.4 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 4.360 ug/l
 RT: 12.919 min Scan# 4075
 Delta R.T. 0.041 min
 Lab File: VN070631.D
 Acq: 14 Jan 2022 18:37

Tgt Ion: 75 Resp: 30615
 Ion Ratio Lower Upper
 75 100
 77 741.8 82.6 247.8#





#78

n-propylbenzene

Concen: 91.735 ug/l

RT: 12.919 min Scan# 4075

Delta R.T. -0.000 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

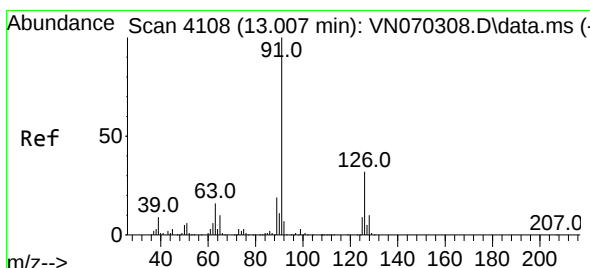
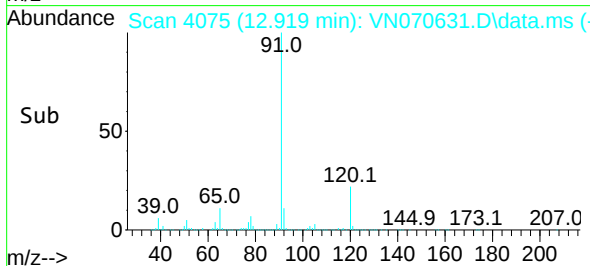
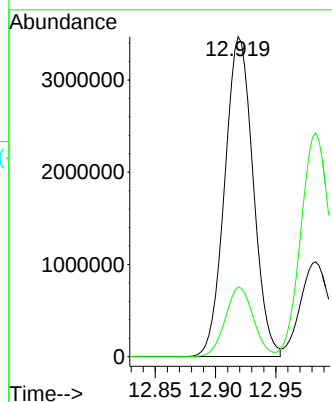
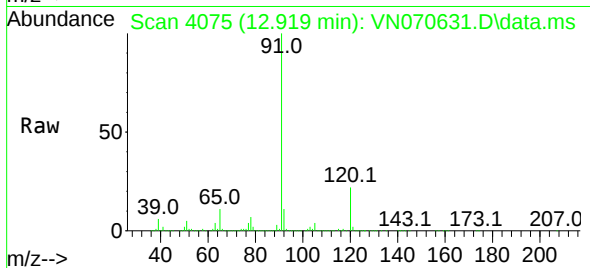
ClientSampleId :

Tgt Ion: 91 Resp: 5673921

Ion Ratio Lower Upper

91 100

120 21.6 11.9 35.9



#79

2-Chlorotoluene

Concen: 38.402 ug/l

RT: 12.983 min Scan# 4099

Delta R.T. -0.024 min

Lab File: VN070631.D

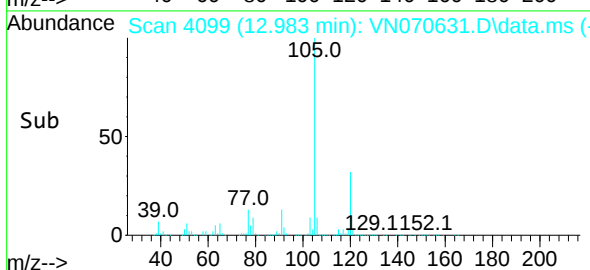
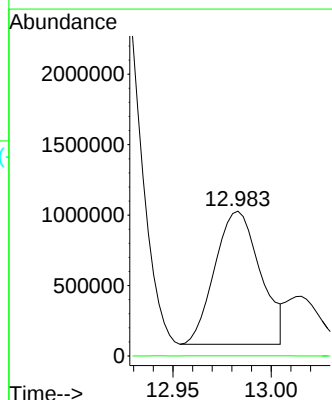
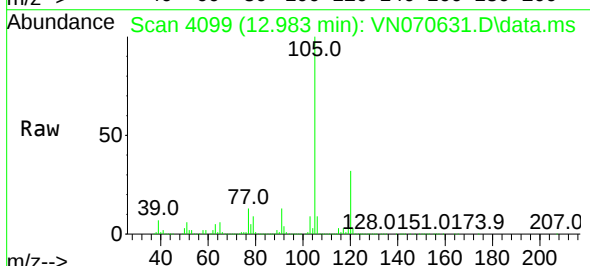
Acq: 14 Jan 2022 18:37

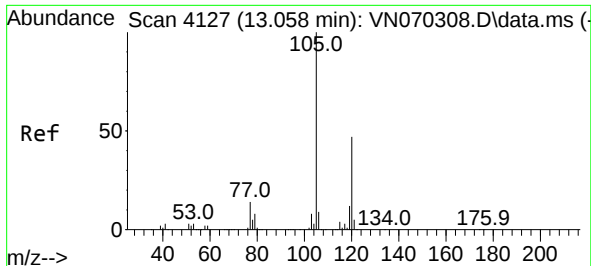
Tgt Ion: 91 Resp: 1524000

Ion Ratio Lower Upper

91 100

126 0.2 18.3 54.8#

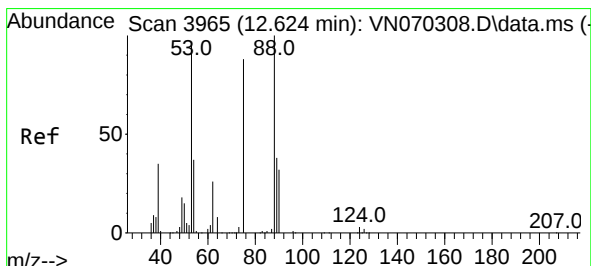
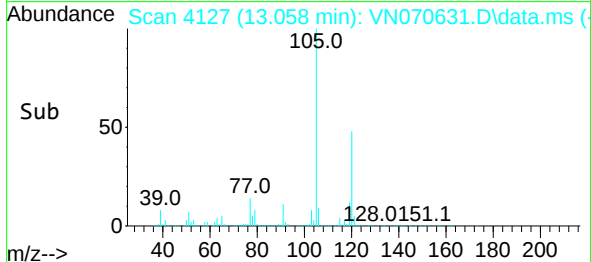
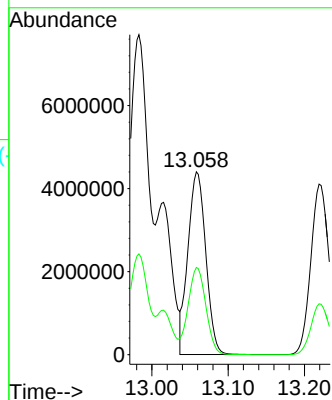
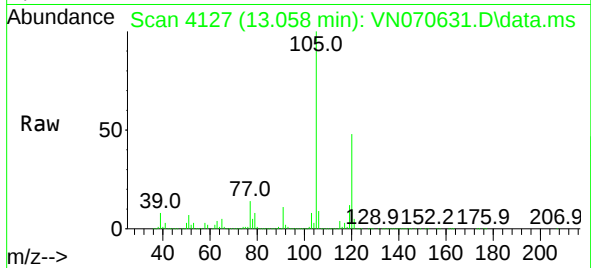




#80
 1,3,5-Trimethylbenzene
 Concen: 159.798 ug/l
 RT: 13.058 min Scan# 4127
 Delta R.T. 0.000 min
 Lab File: VN070631.D
 Acq: 14 Jan 2022 18:37

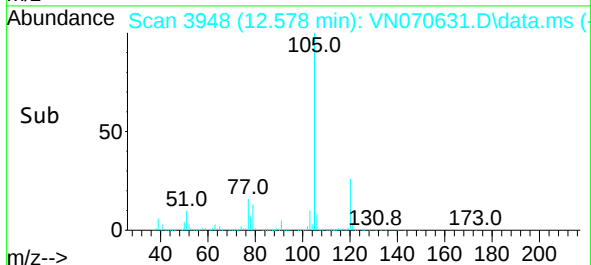
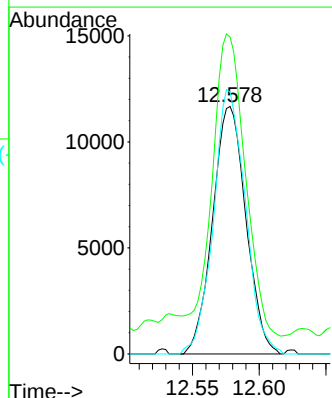
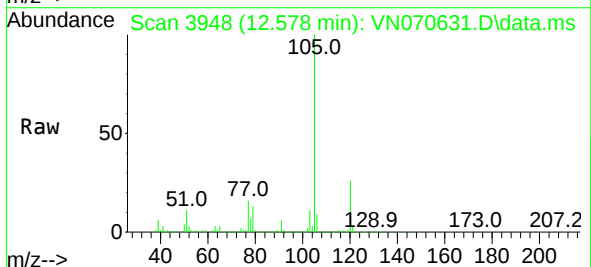
Instrument :
 MSVOA_N
 ClientSampleId :

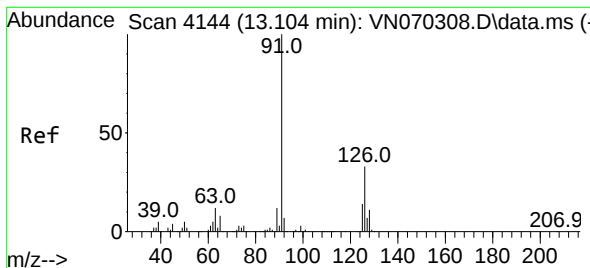
Tgt Ion:105 Resp: 7148415
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.119 ug/l
 RT: 12.578 min Scan# 3948
 Delta R.T. -0.046 min
 Lab File: VN070631.D
 Acq: 14 Jan 2022 18:37

Tgt Ion: 75 Resp: 20264
 Ion Ratio Lower Upper
 75 100
 53 119.6 90.5 135.7
 89 102.4 38.2 57.4#





#82

4-Chlorotoluene

Concen: 20.389 ug/l

RT: 13.058 min Scan# 41

Delta R.T. -0.046 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

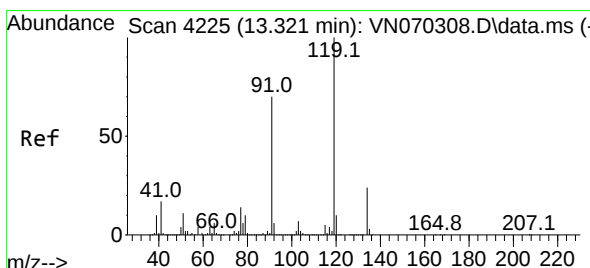
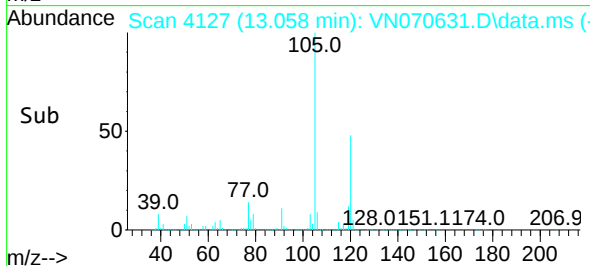
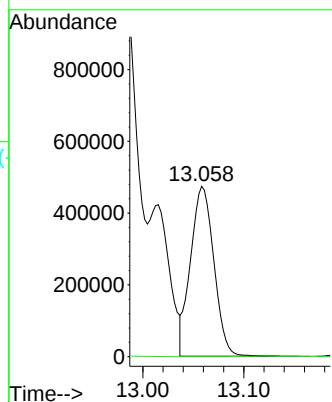
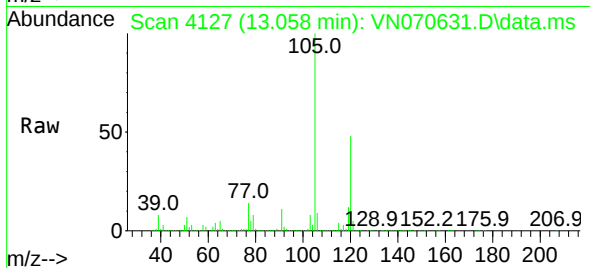
ClientSampleId :

Tgt Ion: 91 Resp: 757936

Ion Ratio Lower Upper

91 100

126 0.0 18.2 54.6#



#83

tert-Butylbenzene

Concen: 65.798 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.048 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

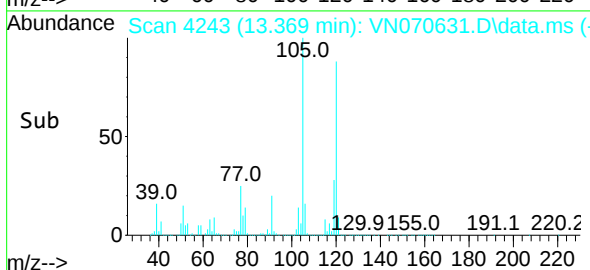
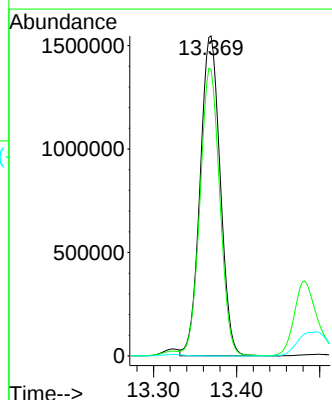
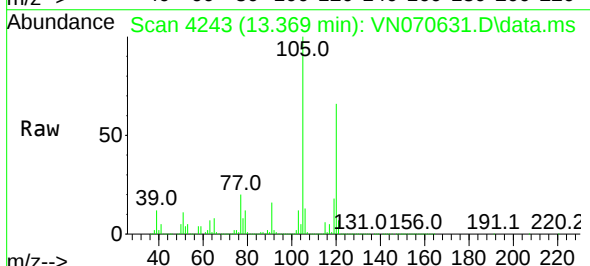
Tgt Ion: 119 Resp: 2591772

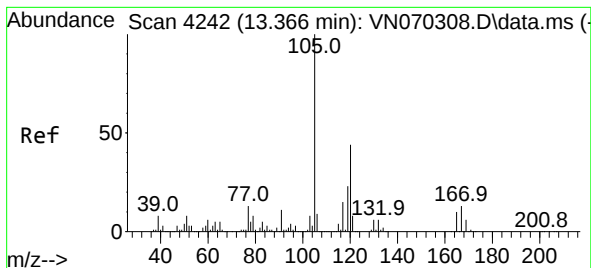
Ion Ratio Lower Upper

119 100

91 88.4 31.5 94.5

134 0.0 12.4 37.4#





#84

1,2,4-Trimethylbenzene

Concen: 158.940 ug/l

RT: 13.219 min Scan# 4187

Delta R.T. -0.147 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

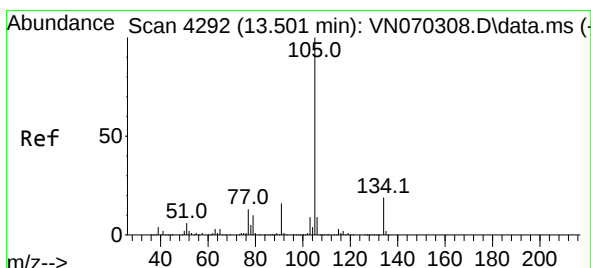
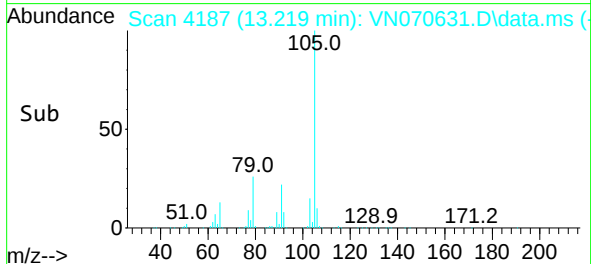
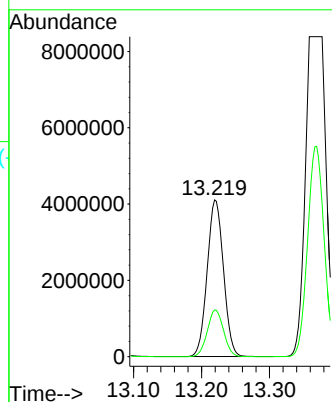
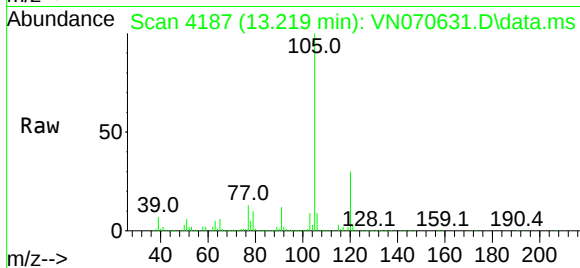
ClientSampleId :

Tgt Ion:105 Resp: 6846439

Ion Ratio Lower Upper

105 100

120 29.8 22.8 68.4



#85

sec-Butylbenzene

Concen: 14.699 ug/l

RT: 13.501 min Scan# 4292

Delta R.T. -0.000 min

Lab File: VN070631.D

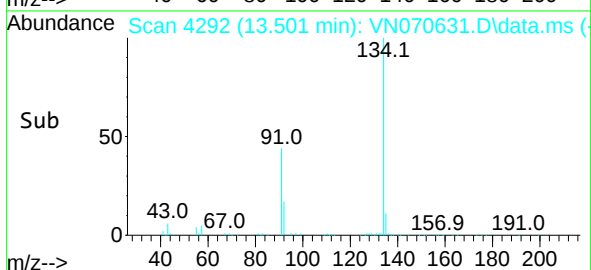
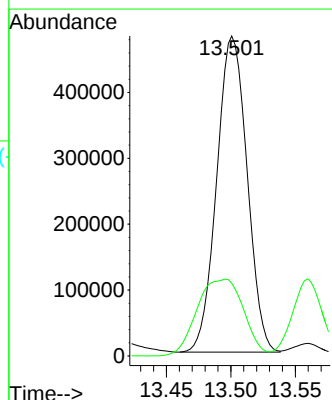
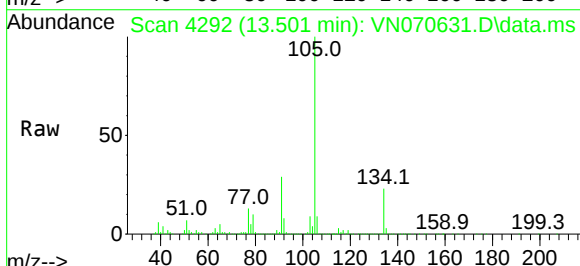
Acq: 14 Jan 2022 18:37

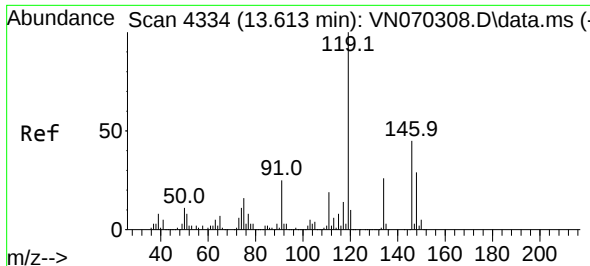
Tgt Ion:105 Resp: 786088

Ion Ratio Lower Upper

105 100

134 37.3 10.4 31.1#

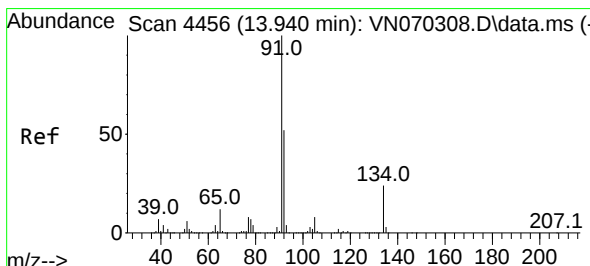
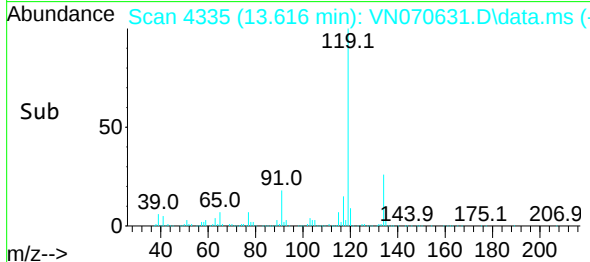
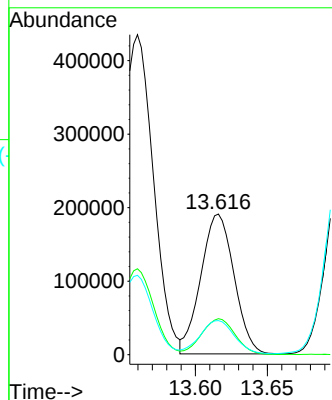
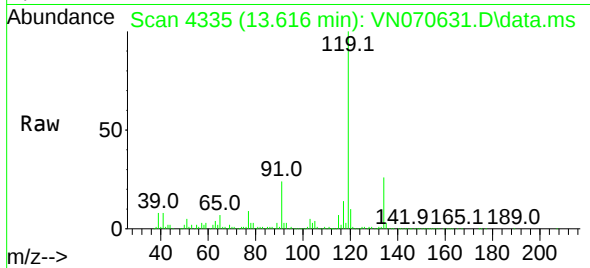




#86
p-Isopropyltoluene
Concen: 7.281 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

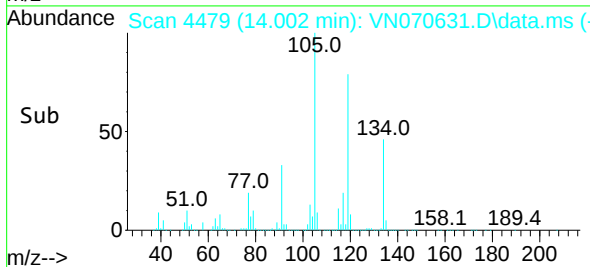
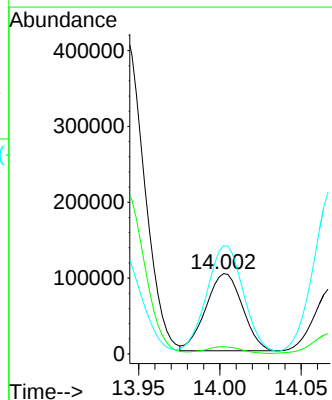
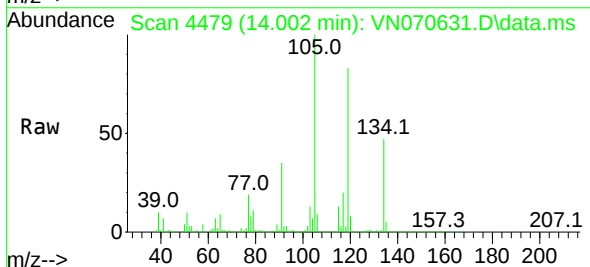
Instrument :
MSVOA_N
ClientSampleId :

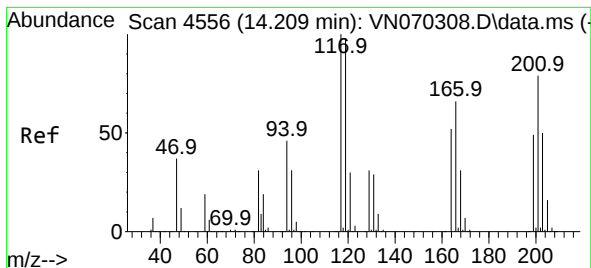
Tgt Ion:119 Resp: 305882
Ion Ratio Lower Upper
119 100
134 25.8 13.6 40.7
91 24.2 11.4 34.1



#89
n-Butylbenzene
Concen: 4.545 ug/l
RT: 14.002 min Scan# 4479
Delta R.T. 0.062 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion: 91 Resp: 159240
Ion Ratio Lower Upper
91 100
92 8.0 25.4 76.0#
134 135.1 13.6 40.8#





#90

Hexachloroethane

Concen: 81.822 ug/l

RT: 14.217 min Scan# 4

Delta R.T. 0.008 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

Instrument :

MSVOA_N

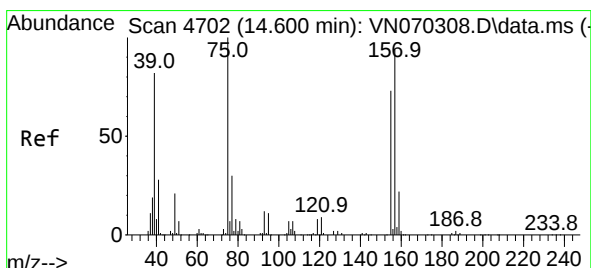
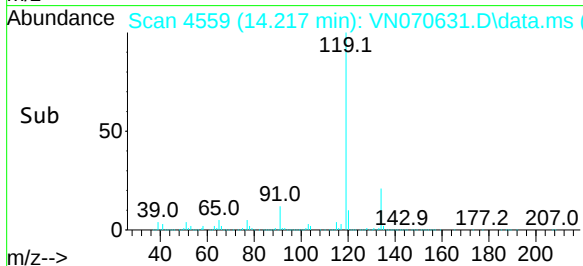
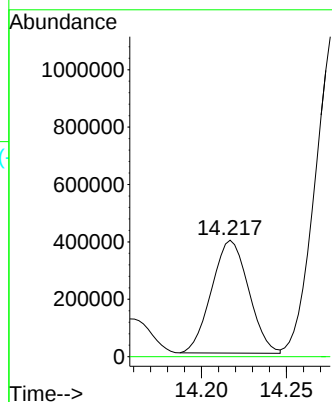
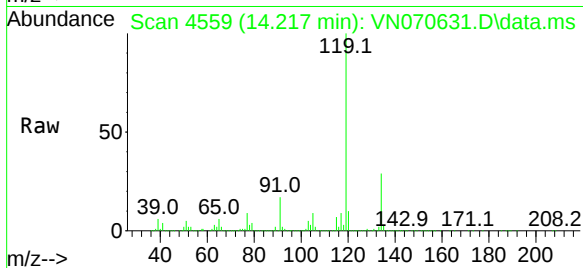
ClientSampleId :

Tgt Ion:117 Resp: 597139

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.300 ug/l

RT: 14.576 min Scan# 4693

Delta R.T. -0.024 min

Lab File: VN070631.D

Acq: 14 Jan 2022 18:37

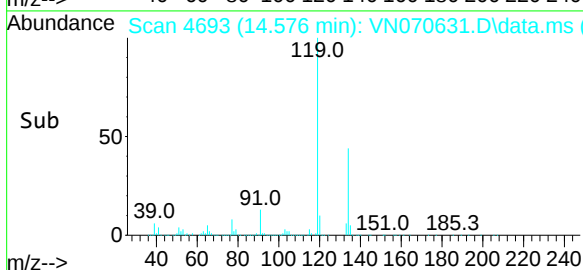
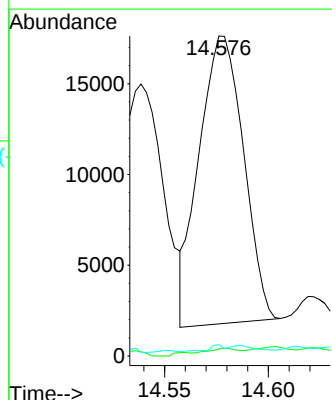
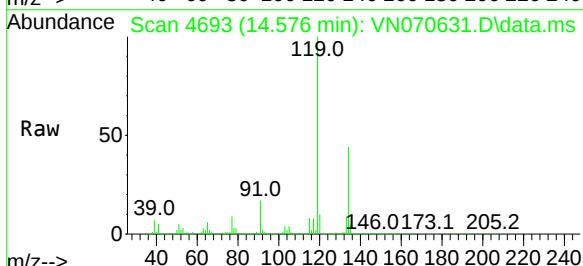
Tgt Ion: 75 Resp: 23607

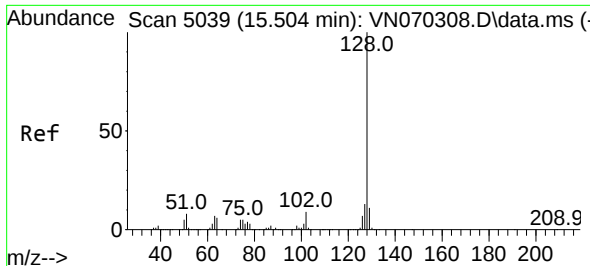
Ion Ratio Lower Upper

75 100

155 1.9 46.9 140.7#

157 0.4 60.6 181.7#

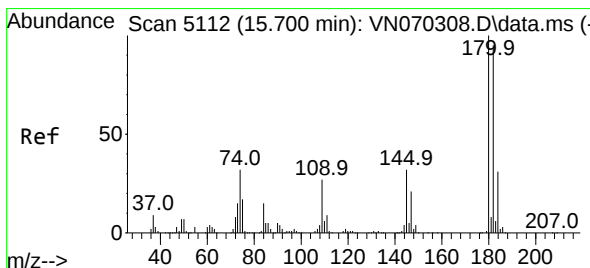
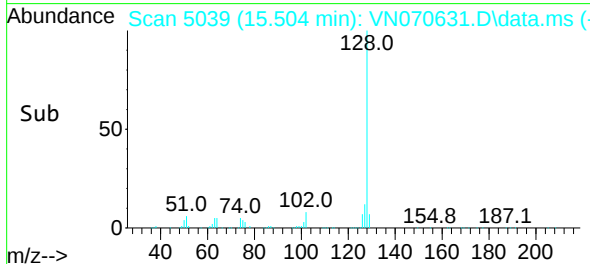
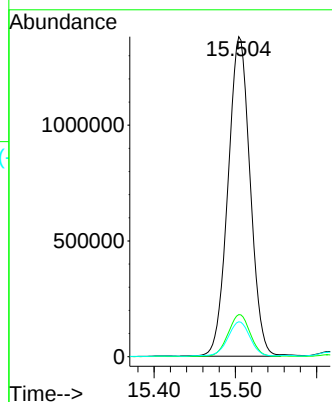
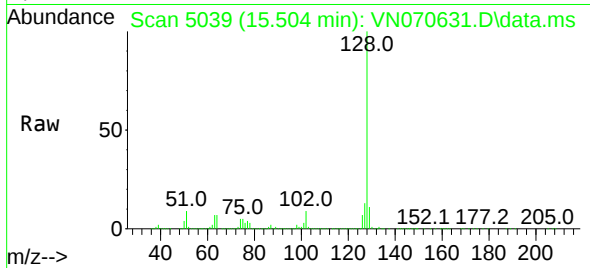




#95
Naphthalene
Concen: 93.694 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 2610790
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.944 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.008 min
Lab File: VN070631.D
Acq: 14 Jan 2022 18:37

Tgt Ion:180 Resp: 1133
Ion Ratio Lower Upper
180 100
182 16.4 47.4 142.2#
145 0.0 15.0 45.1#

