

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070877.D
 Acq On : 1 Feb 2022 17:46
 Operator : JC/MD
 Sample : N1342-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31526

Quant Time: Feb 02 00:37:09 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	8.083	168	1258364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1965369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1381156	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.707	152	798397	50.000	ug/l	0.04

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	760606	42.175	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.360%
35) Dibromofluoromethane	8.019	113	582132	47.750	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.500%
50) Toluene-d8	10.441	98	2357246	45.898	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.734	95	904611	49.429	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.860%

Target Compounds			Qvalue			
5) Bromomethane	2.848	94	2134	0.203	ug/l #	46
8) Diethyl Ether	3.821	74	21275	2.109	ug/l #	3
11) Tert butyl alcohol	5.390	59	10256559	3152.343	ug/l	99
13) Acrolein	4.047	56	8841	1.895	ug/l #	14
14) Allyl chloride	4.597	41	1039962	34.286	ug/l #	80
15) Acrylonitrile	5.610	53	31620	3.055	ug/l #	32
16) Acetone	4.283	43	9418734	752.466	ug/l	96
17) Carbon Disulfide	4.521	76	17257	0.456	ug/l	97
18) Methyl Acetate	4.851	43	3419787	138.922	ug/l	93
19) Methyl tert-butyl Ether	5.613	73	3165850	63.659	ug/l	92
20) Methylene Chloride	5.095	84	26558	1.611	ug/l #	88
22) Diisopropyl ether	6.490	45	1457780	24.248	ug/l #	1
23) Vinyl Acetate	6.546	43	1995169	39.149	ug/l #	72
24) 1,1-Dichloroethane	6.487	63	9027	0.300	ug/l #	83
25) 2-Butanone	7.335	43	8130529	516.196	ug/l	94
29) Tetrahydrofuran	7.689	42	216329	22.431	ug/l #	84
30) Chloroform	7.565	83	585	Below Cal		90
31) Cyclohexane	8.088	56	145370	4.578	ug/l #	87
36) 1,1-Dichloropropene	8.083	75	101750	4.958	ug/l #	49
37) Ethyl Acetate	7.335	43	8130529	298.395	ug/l #	68
38) Carbon Tetrachloride	8.083	117	121335	6.646	ug/l #	16
39) Methylcyclohexane	9.456	83	89773	3.543	ug/l #	71
40) Benzene	8.459	78	17524814	275.575	ug/l	97
41) Methacrylonitrile	7.681	41	238353	17.194	ug/l #	35
42) 1,2-Dichloroethane	8.459	62	167121	7.579	ug/l	77
43) Isopropyl Acetate	8.842	43	2409467	57.895	ug/l #	56
45) 1,2-Dichloropropane	9.550	63	54746	3.164	ug/l #	1
47) Bromodichloromethane	9.706	83	4485	0.218	ug/l #	26
48) Methyl methacrylate	9.550	41	16621340	838.328	ug/l #	34
49) 1,4-Dioxane	9.598	88	3940537	13231.392	ug/l #	27
51) 4-Methyl-2-Pentanone	10.336	43	13392180	504.295	ug/l	100
52) Toluene	10.505	92	12449431	327.272	ug/l #	1
53) t-1,3-Dichloropropene	10.580	75	7635445	293.849	ug/l #	43
54) cis-1,3-Dichloropropene	10.167	75	24128	0.978	ug/l #	1
55) 1,1,2-Trichloroethane	10.872	97	3672	0.246	ug/l #	1
56) Ethyl methacrylate	10.711	69	5011740	170.521	ug/l #	71

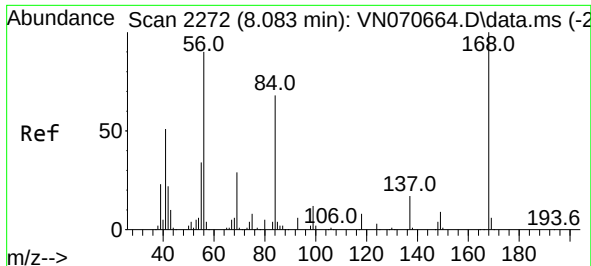
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 1,3-Dichloropropane	11.098	76	129380	4.891	ug/l #	46
58) 2-Chloroethyl Vinyl ether	10.164	63	34492	25.614	ug/l #	83
59) 2-Hexanone	11.098	43	3415439	177.040	ug/l #	61
66) 1,1,1,2-Tetrachloroethane	11.905	131	14206	1.379	ug/l #	8
67) Ethyl Benzene	11.846	91	2265102	40.827	ug/l	96
68) m/p-Xylenes	11.950	106	4254259	210.784	ug/l	92
69) o-Xylene	12.283	106	2078329	103.764	ug/l	90
70) Styrene	12.280	104	105691	3.298	ug/l #	1
73) Isopropylbenzene	12.581	105	134895	1.786	ug/l	98
74) N-amyl acetate	12.557	43	4750549	153.826	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.870	83	22317865	874.906	ug/l #	27
76) 1,2,3-Trichloropropane	12.734	75	402470	19.006	ug/l	48
78) n-propylbenzene	12.986	91	543252	6.431	ug/l	80
79) 2-Chlorotoluene	12.986	91	543252	10.167	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.066	105	442923	7.251	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.637	75	72733	10.233	ug/l #	5
82) 4-Chlorotoluene	13.069	91	40618	0.814	ug/l #	38
83) tert-Butylbenzene	13.324	119	26361	0.496	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.222	105	189941	3.235	ug/l	77
85) sec-Butylbenzene	13.396	105	2972082	41.116	ug/l #	56
86) p-Isopropyltoluene	13.578	119	69512	1.224	ug/l #	75
89) n-Butylbenzene	13.906	91	381226	8.138	ug/l #	60
90) Hexachloroethane	14.217	117	33897	3.415	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	7604	1.757	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.260	180	4238	3.693	ug/l #	1
95) Naphthalene	15.501	128	2669323	63.043	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.700	180	4804	3.535	ug/l #	1

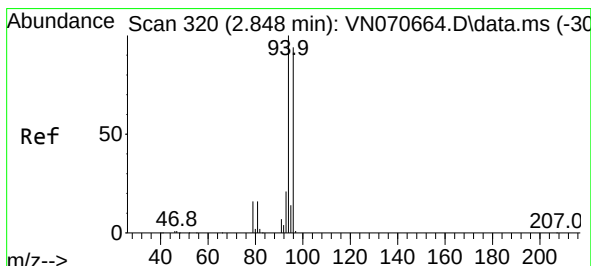
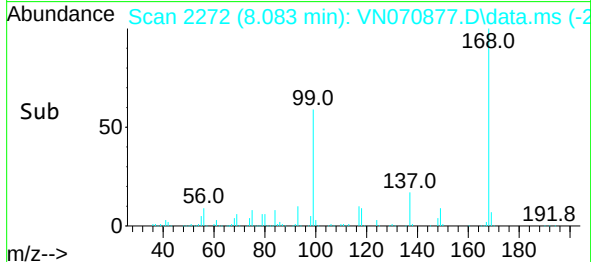
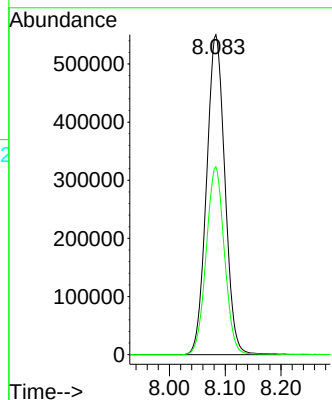
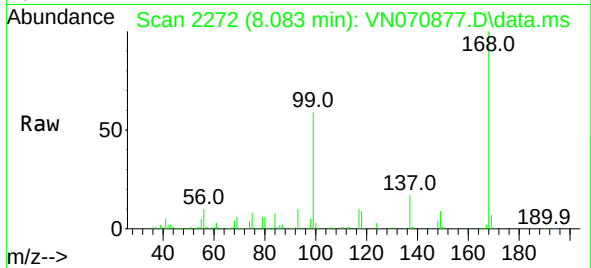
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

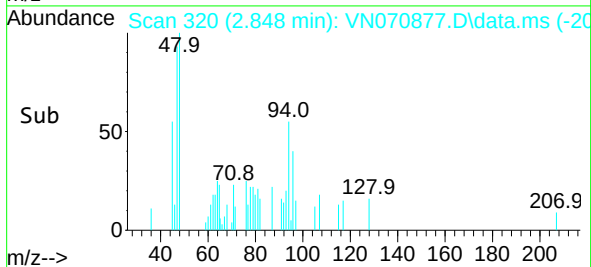
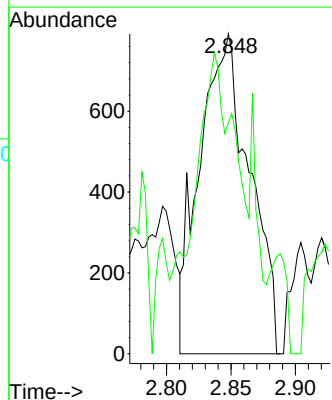
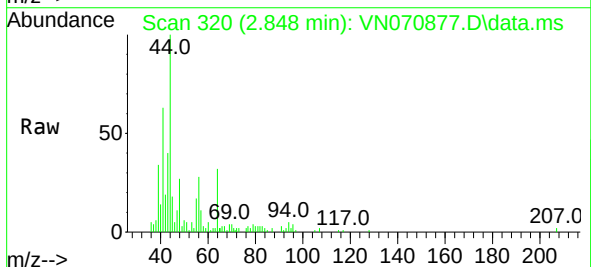
Instrument :
MSVOA_N
ClientSampleId :
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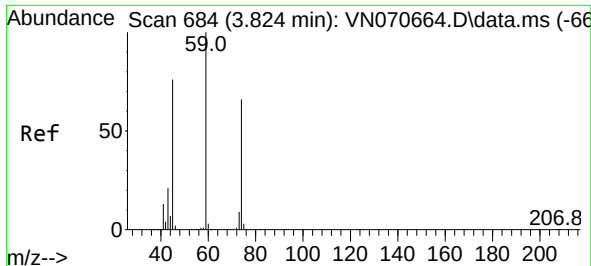
Tgt Ion:168 Resp: 1258364
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9



#5
Bromomethane
Concen: 0.203 ug/l
RT: 2.848 min Scan# 320
Delta R.T. -0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 94 Resp: 2134
Ion Ratio Lower Upper
94 100
96 41.0 73.8 110.8#

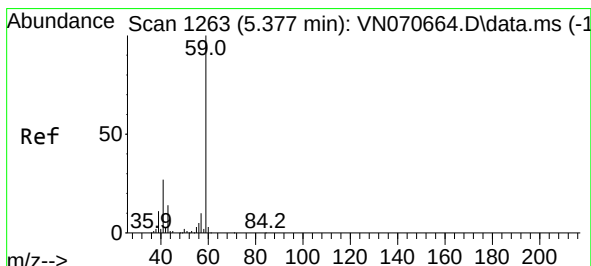
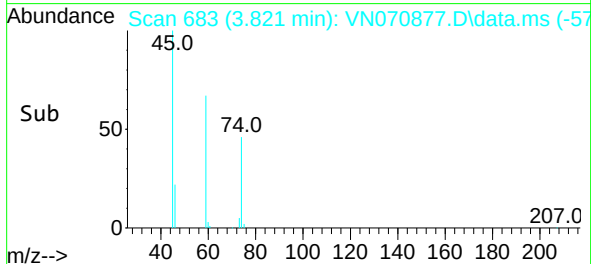
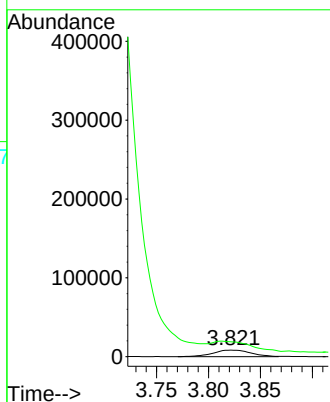
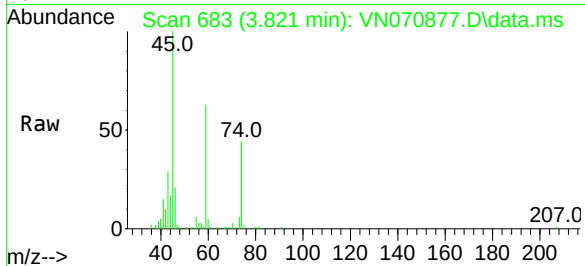




#8
Diethyl Ether
Concen: 2.109 ug/l
RT: 3.821 min Scan# 61
Delta R.T. -0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

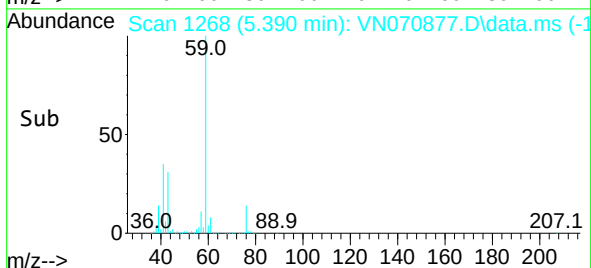
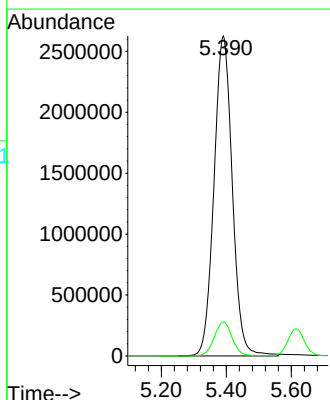
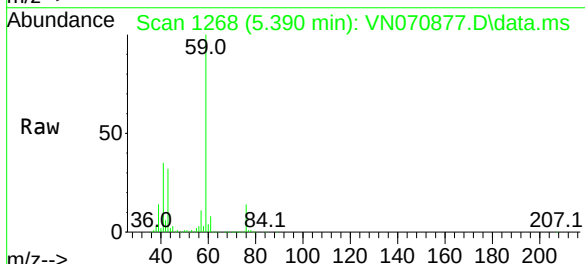
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MSVOA_N
ClientSampleId :
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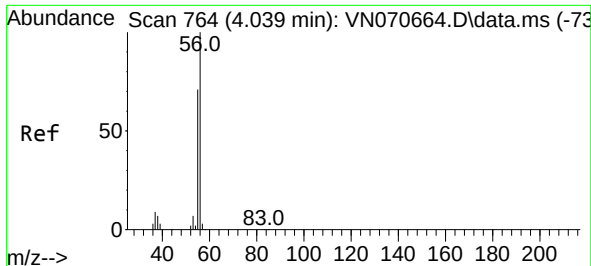
Tgt Ion: 74 Resp: 21275
Ion Ratio Lower Upper
74 100
45 0.0 47.0 141.2#



#11
Tert butyl alcohol
Concen: 3152.343 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.013 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 59 Resp:10256559
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1





#13

Acrolein

Concen: 1.895 ug/l

RT: 4.047 min Scan# 70

Delta R.T. 0.008 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

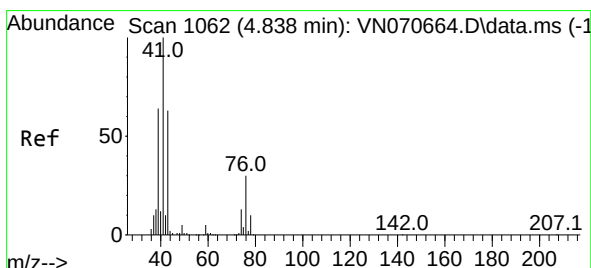
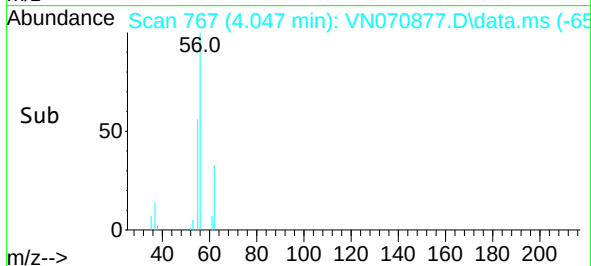
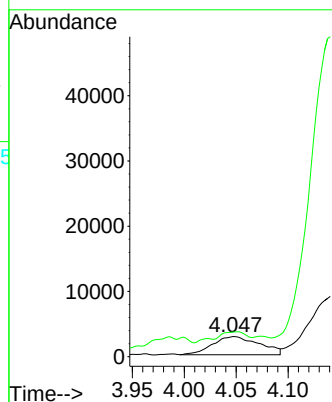
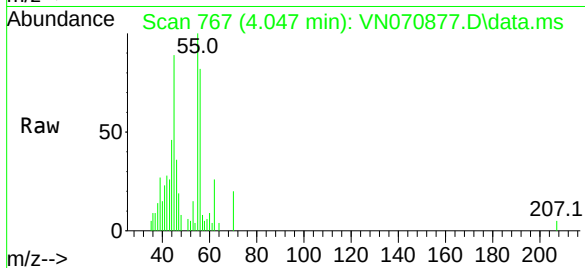
31526

Tgt Ion: 56 Resp: 8841

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



#14

Allyl chloride

Concen: 34.286 ug/l

RT: 4.597 min Scan# 972

Delta R.T. -0.241 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

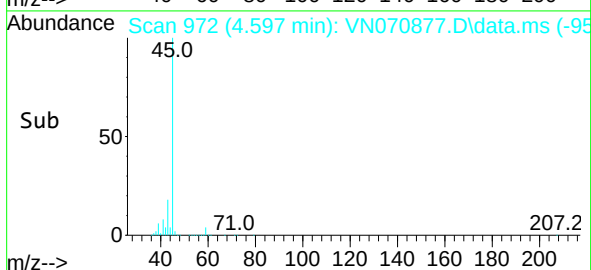
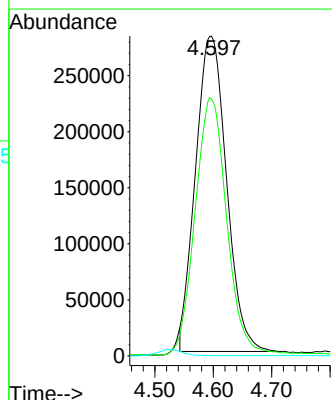
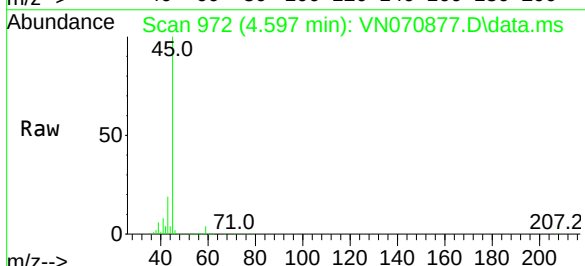
Tgt Ion: 41 Resp: 1039962

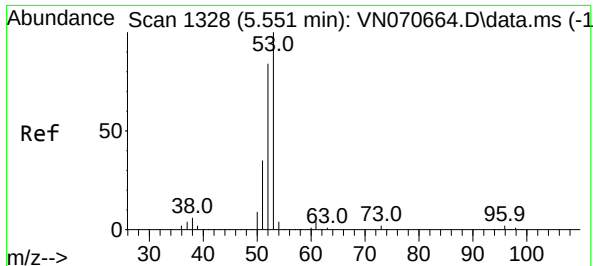
Ion Ratio Lower Upper

41 100

39 80.2 61.2 91.8

76 0.0 26.0 39.0#

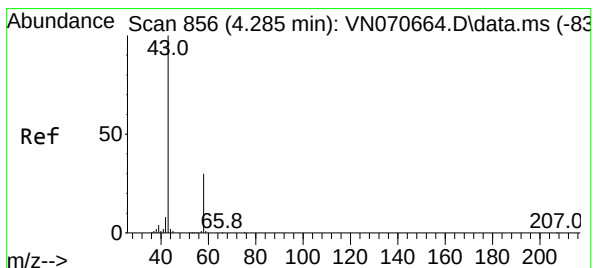
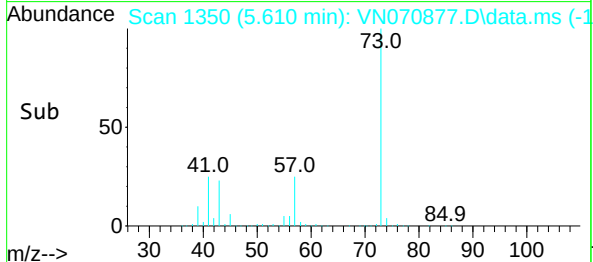
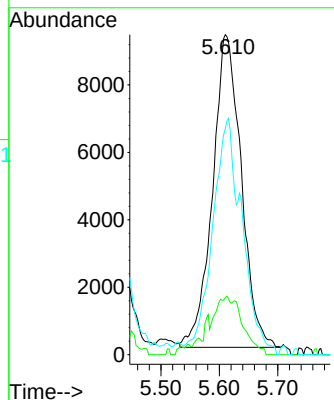
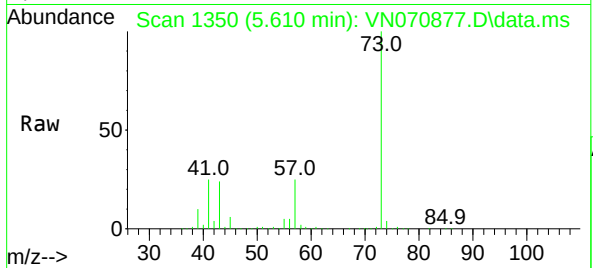




#15
Acrylonitrile
Concen: 3.055 ug/l
RT: 5.610 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

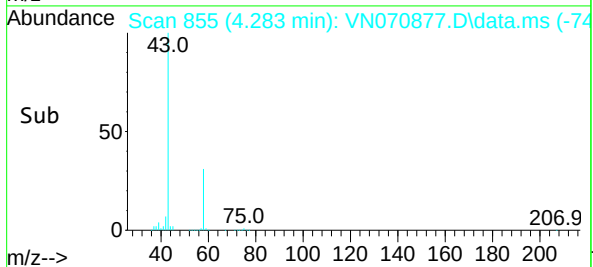
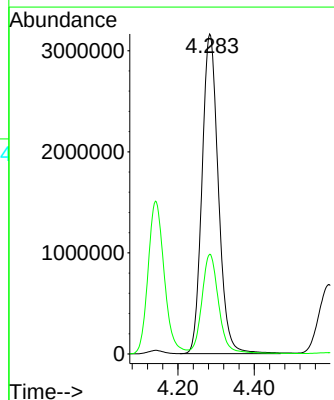
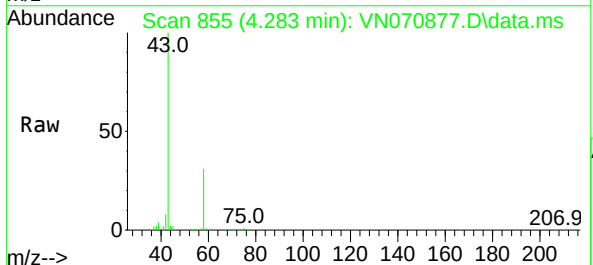
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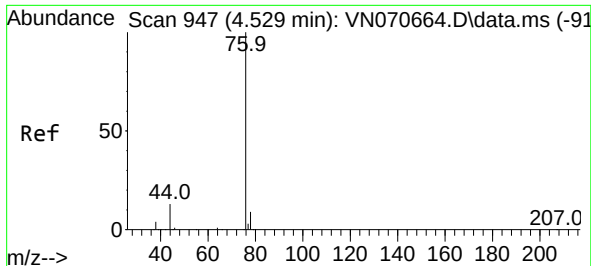
Tgt Ion: 53 Resp: 31620
Ion Ratio Lower Upper
53 100
52 3.8 66.2 99.2#
51 52.1 29.6 44.4#



#16
Acetone
Concen: 752.466 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 43 Resp: 9418734
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7

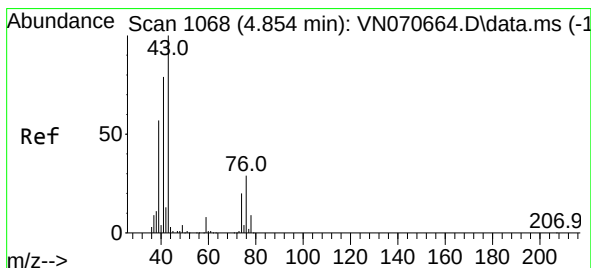
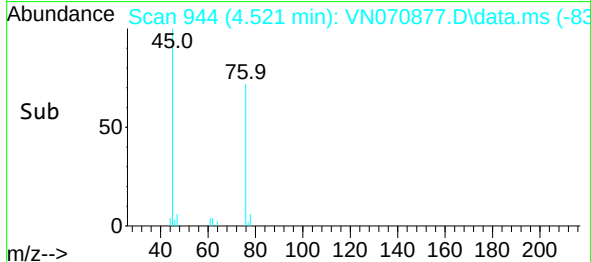
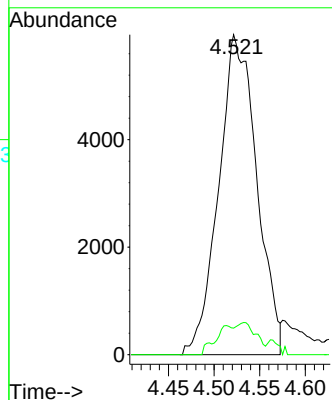
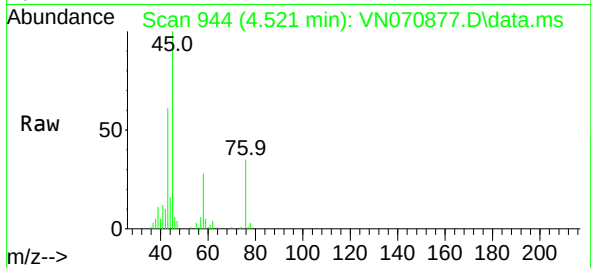




#17
Carbon Disulfide
Concen: 0.456 ug/l
RT: 4.521 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

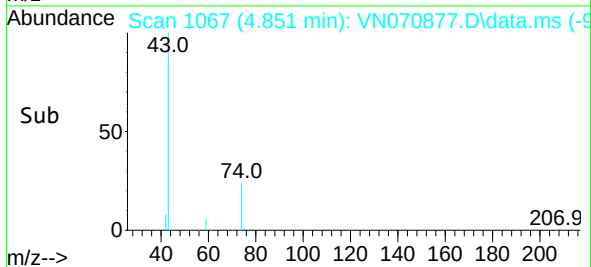
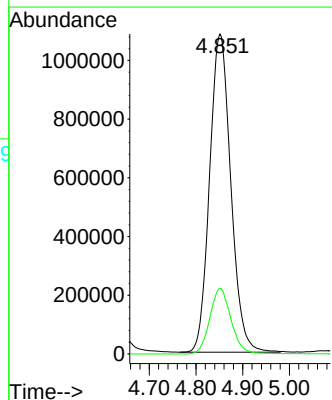
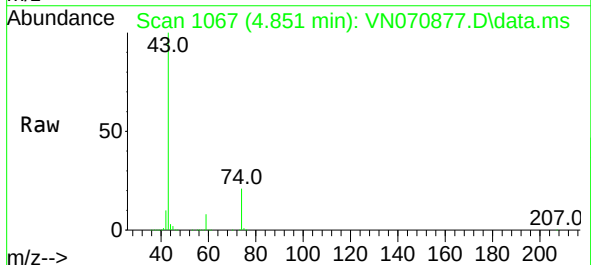
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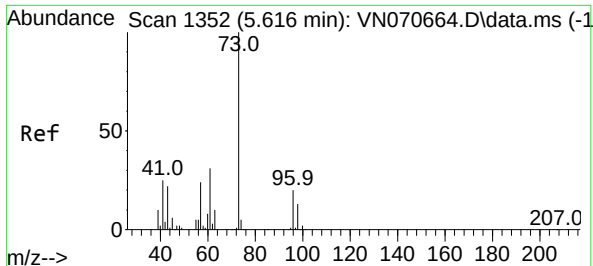
Tgt Ion: 76 Resp: 17257
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3



#18
Methyl Acetate
Concen: 138.922 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 43 Resp: 3419787
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2

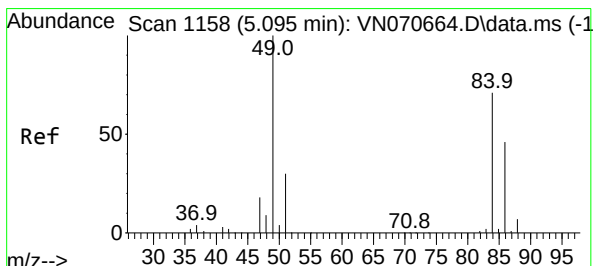
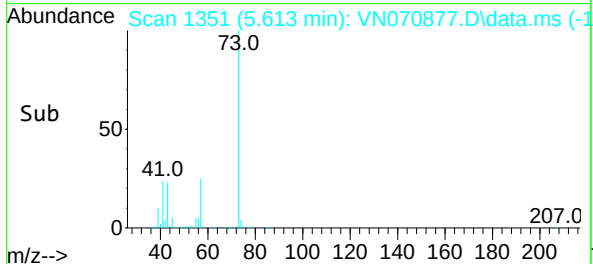
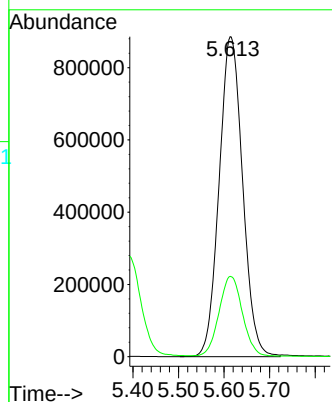
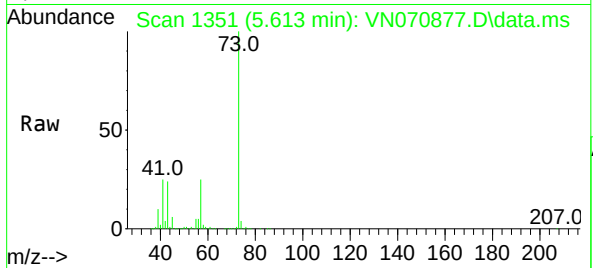




#19
Methyl tert-butyl Ether
Concen: 63.659 ug/l
RT: 5.613 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

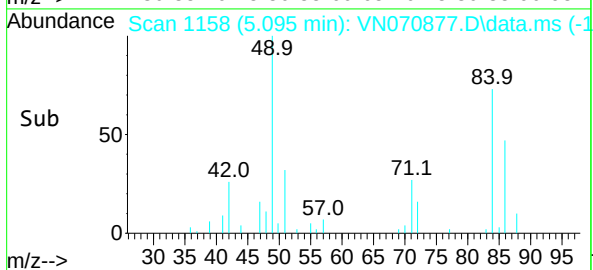
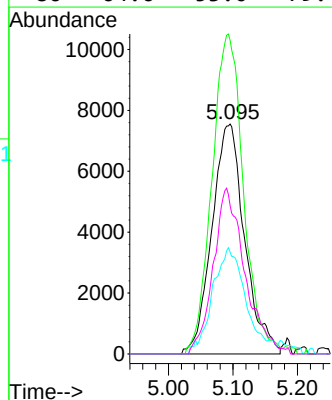
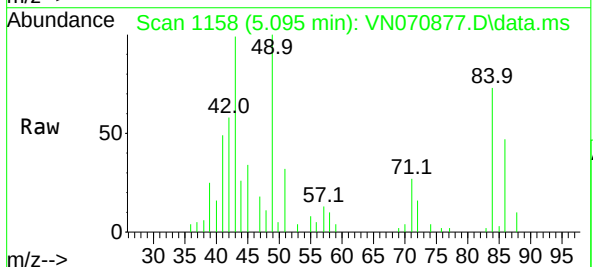
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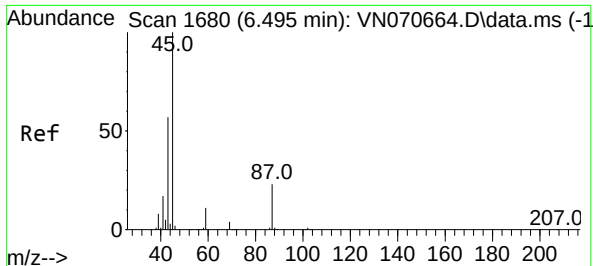
Tgt Ion: 73 Resp: 3165850
Ion Ratio Lower Upper
73 100
57 24.9 16.8 25.2



#20
Methylene Chloride
Concen: 1.611 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

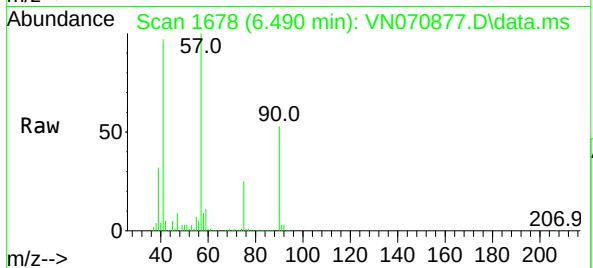
Tgt Ion: 84 Resp: 26558
Ion Ratio Lower Upper
84 100
49 136.5 93.5 140.3
51 44.3 29.4 44.2#
86 64.6 53.0 79.4



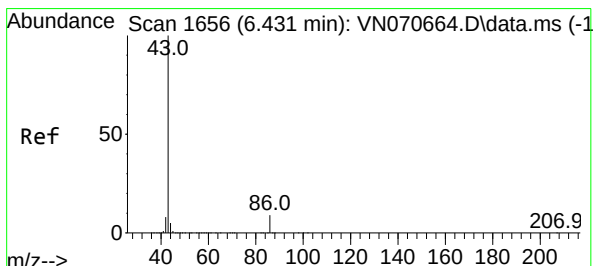
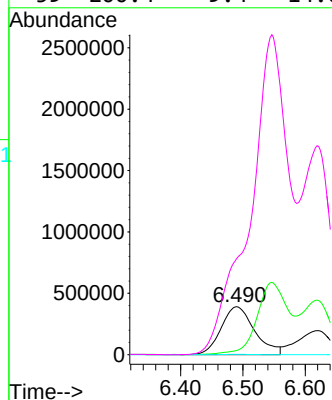
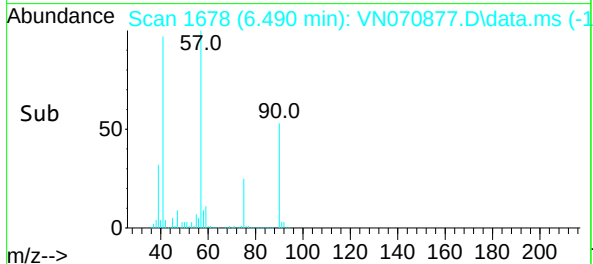


#22
Diisopropyl ether
Concen: 24.248 ug/l
RT: 6.490 min Scan# 1699
Delta R.T. -0.005 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

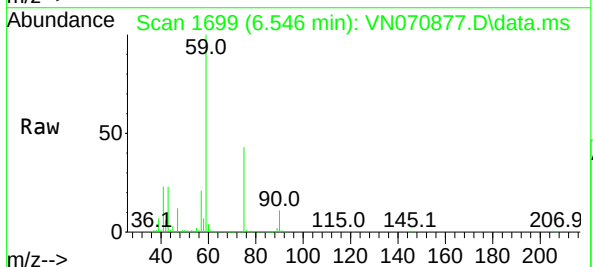
Instrument :
MSVOA_N
ClientSampleId :
31526



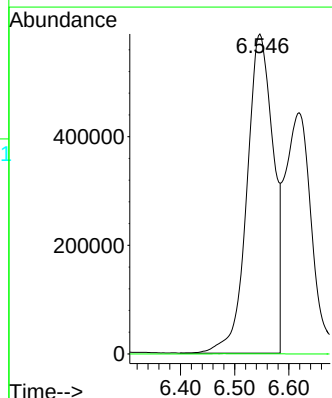
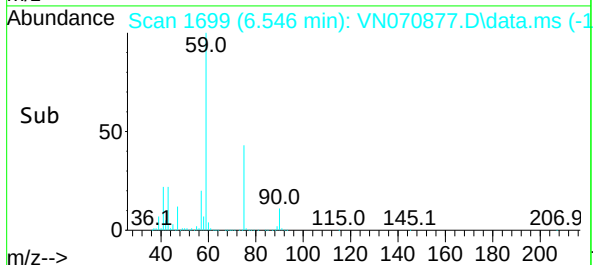
Tgt Ion: 45 Resp: 1457780
Ion Ratio Lower Upper
45 100
43 8.4 51.7 77.5#
87 0.7 23.2 34.8#
59 200.4 9.4 14.0#

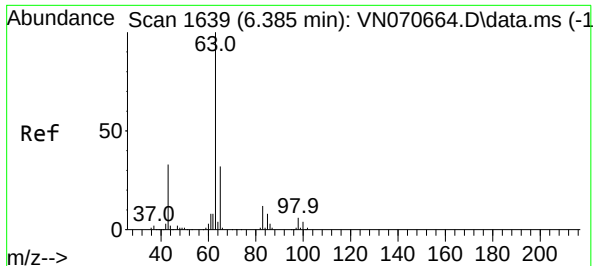


#23
Vinyl Acetate
Concen: 39.149 ug/l
RT: 6.546 min Scan# 1699
Delta R.T. 0.115 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46



Tgt Ion: 43 Resp: 1995169
Ion Ratio Lower Upper
43 100
86 0.0 8.5 12.7#





#24

1,1-Dichloroethane

Concen: 0.300 ug/l

RT: 6.487 min Scan# 1

Delta R.T. 0.102 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

31526

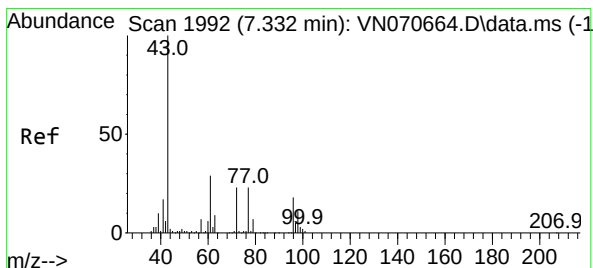
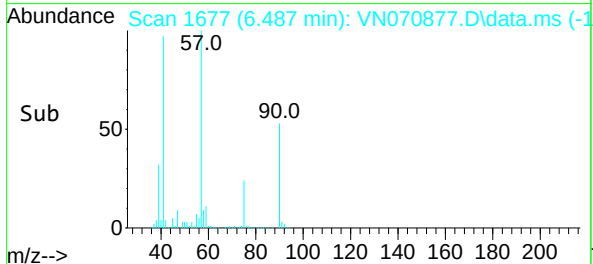
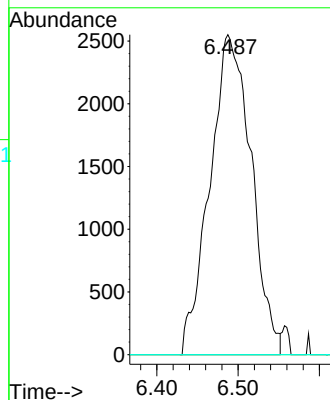
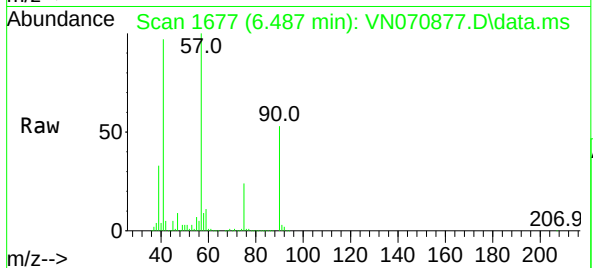
Tgt Ion: 63 Resp: 9027

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.1 6.5#



#25

2-Butanone

Concen: 516.196 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. 0.003 min

Lab File: VN070877.D

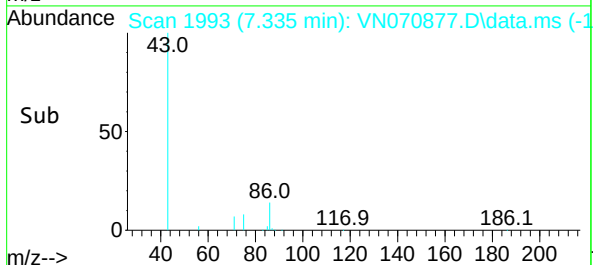
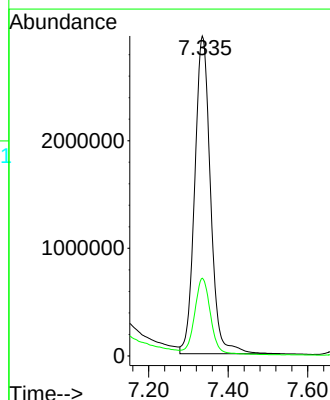
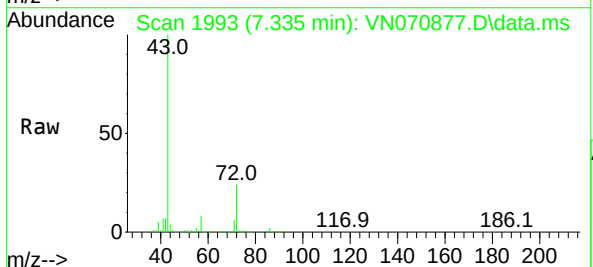
Acq: 1 Feb 2022 17:46

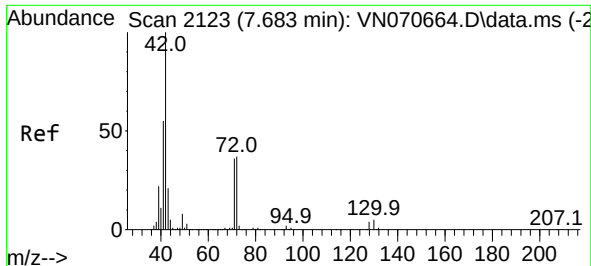
Tgt Ion: 43 Resp: 8130529

Ion Ratio Lower Upper

43 100

72 24.1 21.7 32.5





#29

Tetrahydrofuran

Concen: 22.431 ug/l

RT: 7.689 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

31526

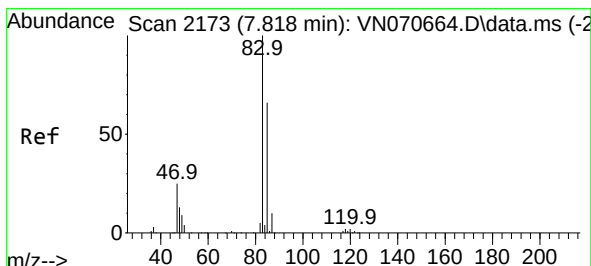
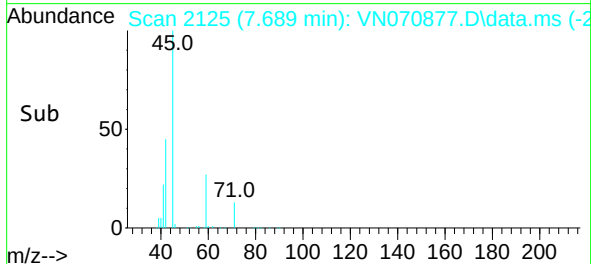
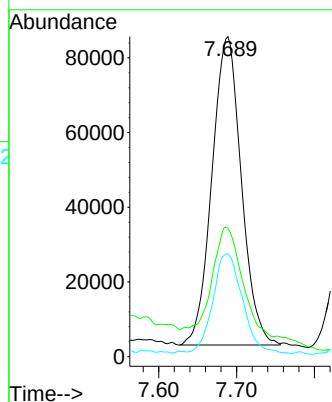
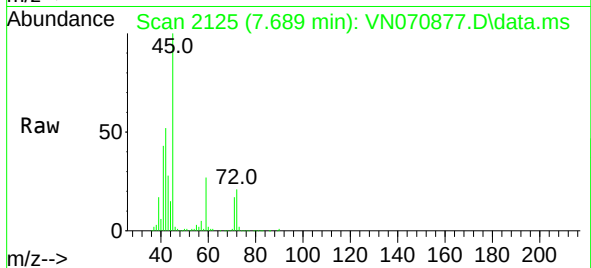
Tgt Ion: 42 Resp: 216329

Ion Ratio Lower Upper

42 100

72 35.1 36.3 54.5#

71 32.4 34.7 52.1#



#30

Chloroform

Concen: Below Cal

RT: 7.565 min Scan# 2079

Delta R.T. -0.253 min

Lab File: VN070877.D

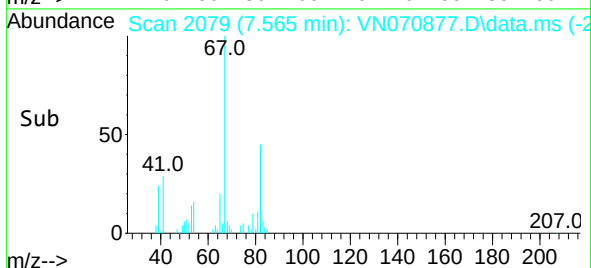
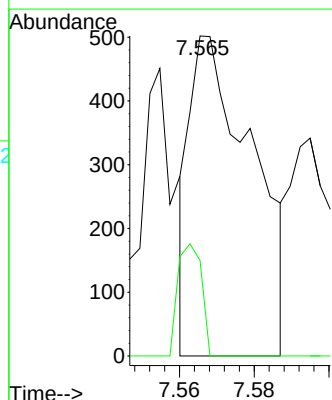
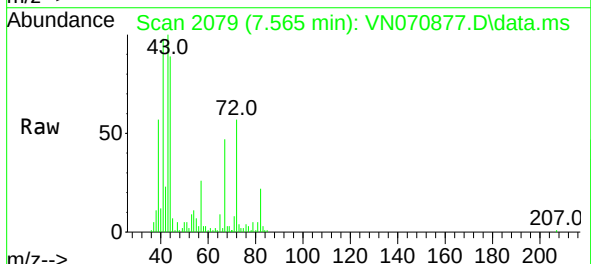
Acq: 1 Feb 2022 17:46

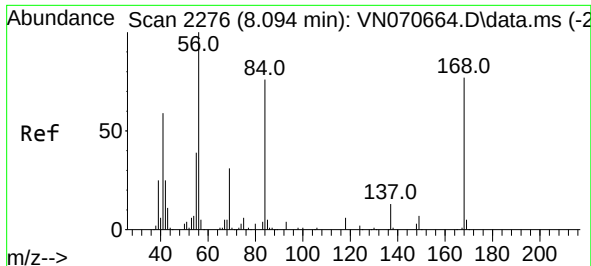
Tgt Ion: 83 Resp: 585

Ion Ratio Lower Upper

83 100

85 57.3 51.9 77.9

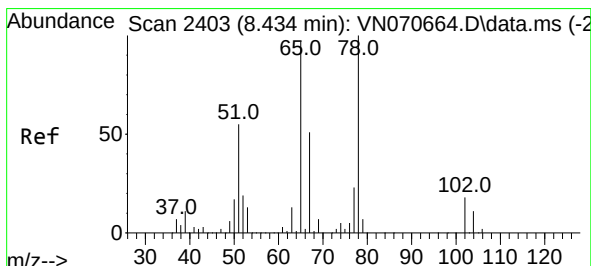
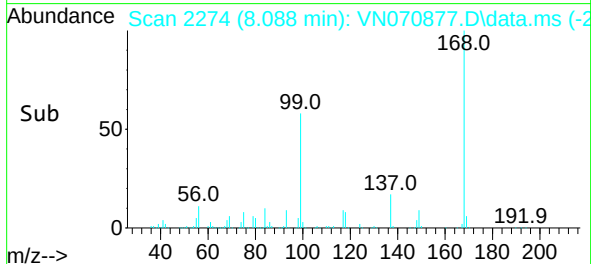
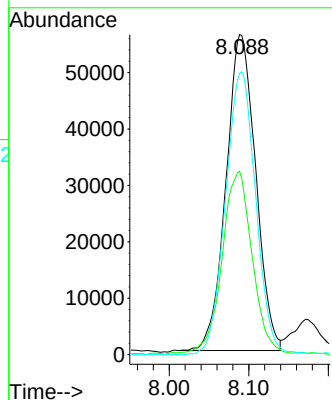
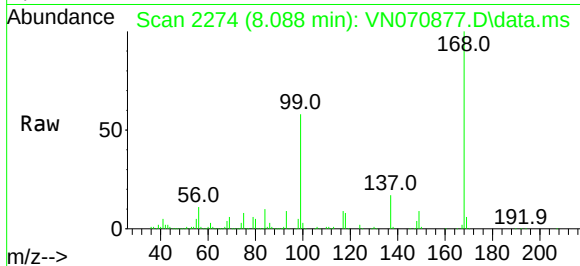




#31
Cyclohexane
Concen: 4.578 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

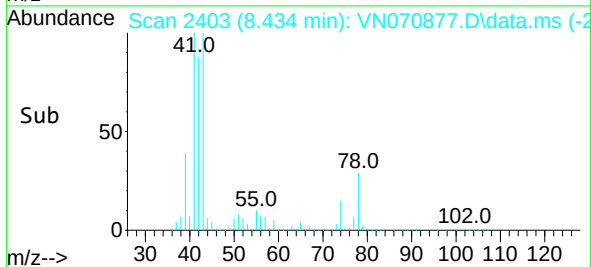
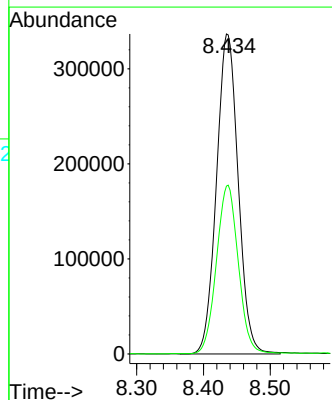
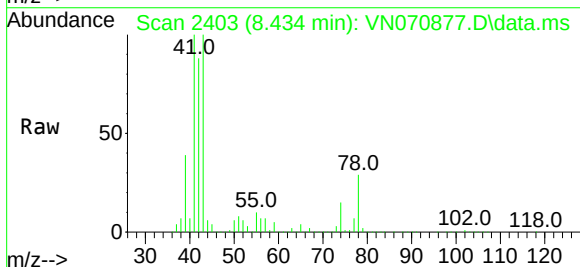
Instrument :
MSVOA_N
ClientSampleId :
31526

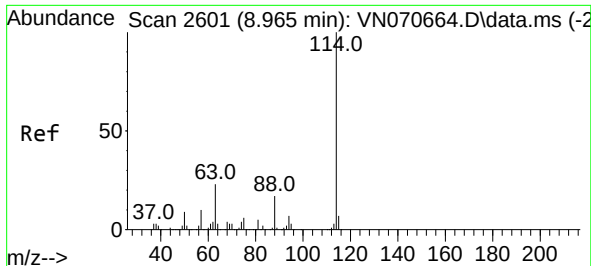
Tgt Ion: 56 Resp: 145370
Ion Ratio Lower Upper
56 100
69 57.3 27.1 40.7#
84 89.1 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 42.175 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 65 Resp: 760606
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

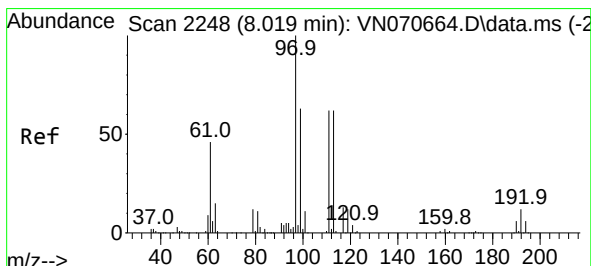
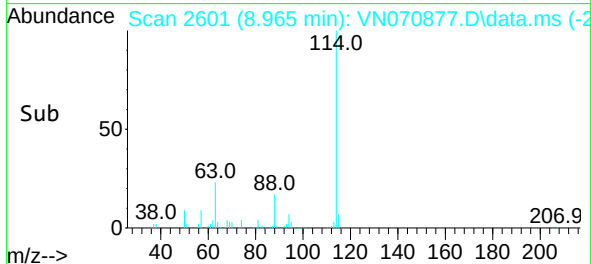
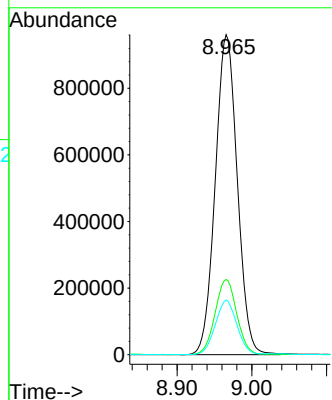
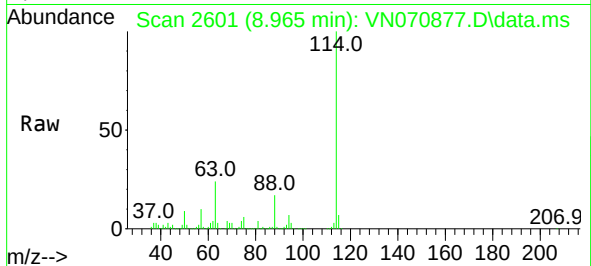




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

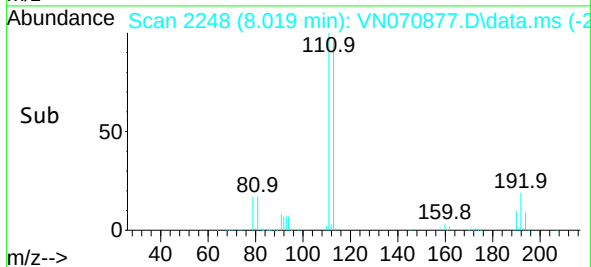
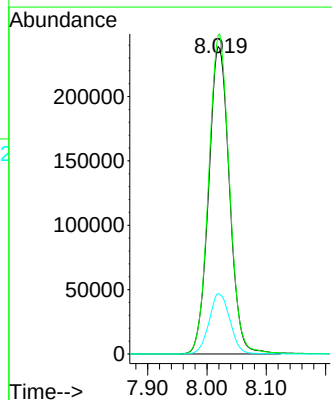
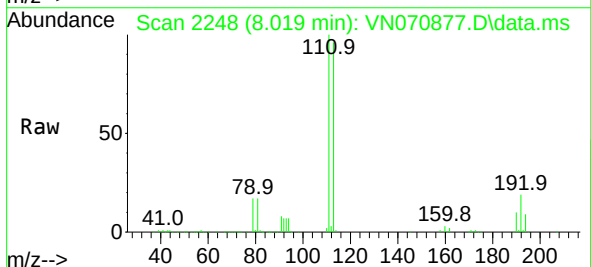
Instrument :
MSVOA_N
ClientSampleId :
31526

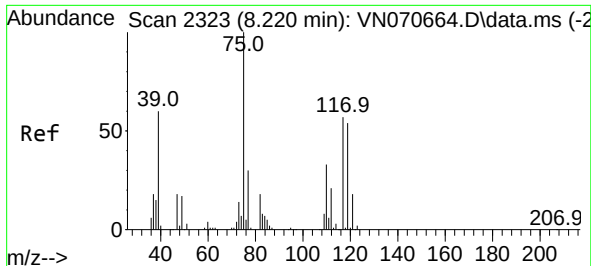
Tgt Ion:114 Resp: 1965369
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 17.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.750 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion:113 Resp: 582132
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.6 16.9 25.3

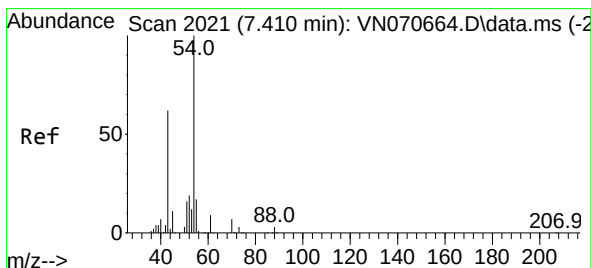
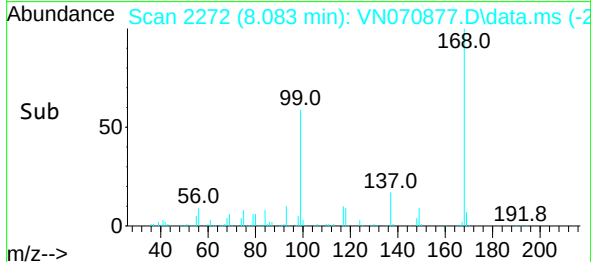
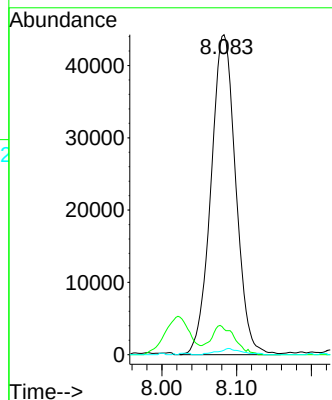
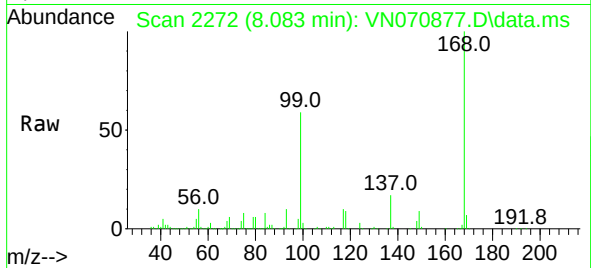




#36
1,1-Dichloropropene
Concen: 4.958 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

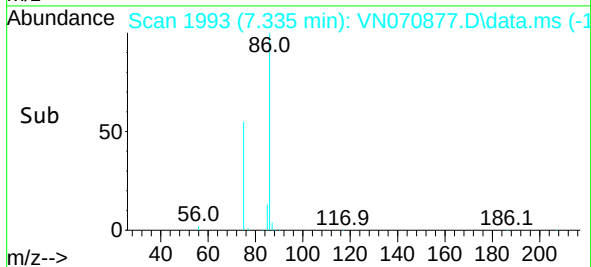
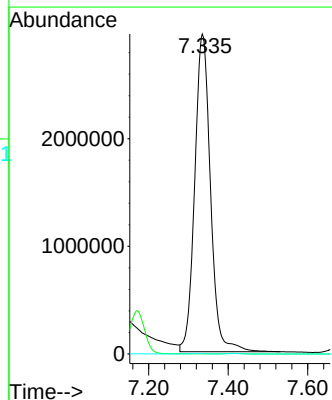
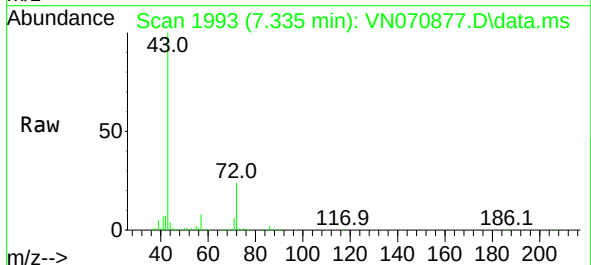
Instrument :
MSVOA_N
ClientSampleId :
31526

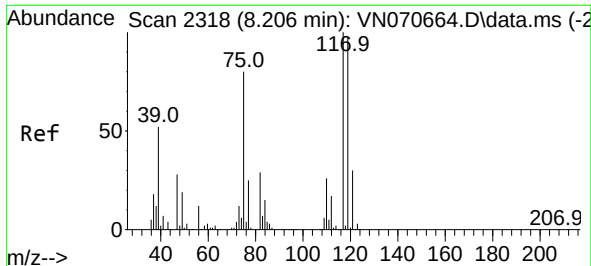
Tgt Ion: 75 Resp: 101750
Ion Ratio Lower Upper
75 100
110 8.8 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 298.395 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.075 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 43 Resp: 8130529
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.1 7.9 11.9#

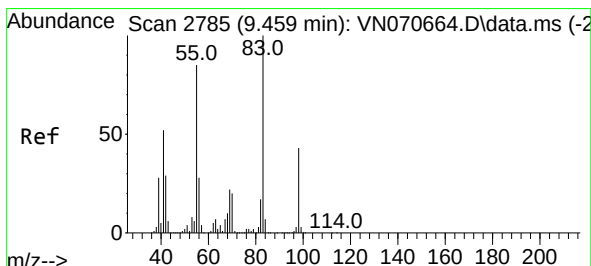
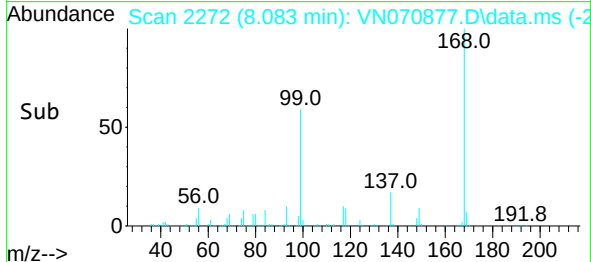
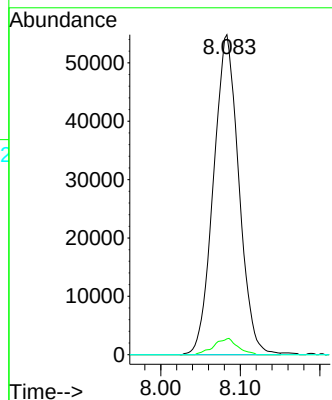
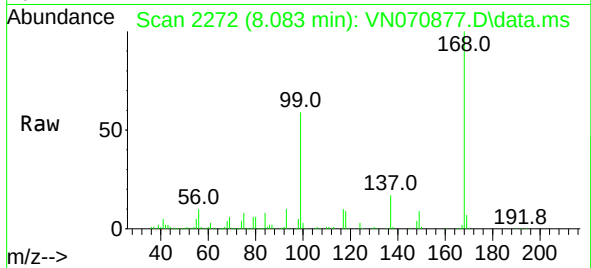




#38
Carbon Tetrachloride
Concen: 6.646 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.123 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

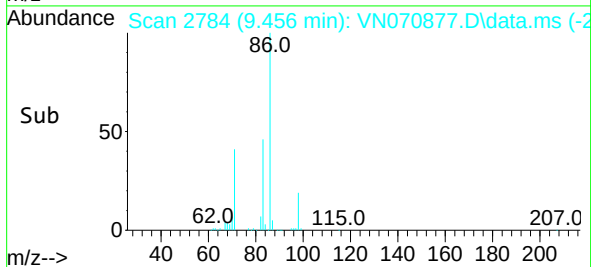
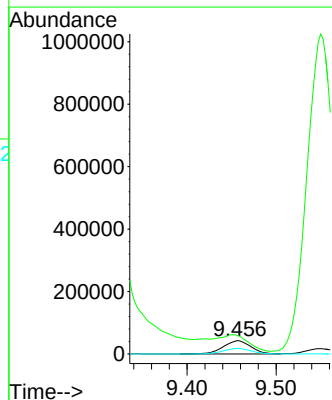
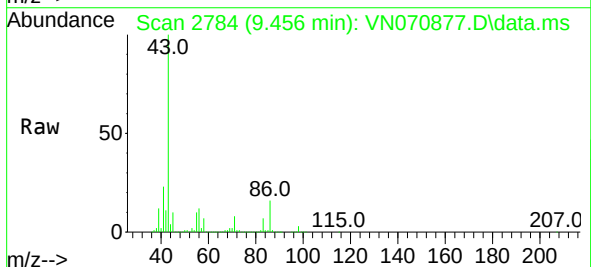
Instrument :
MSVOA_N
ClientSampleId :
31526

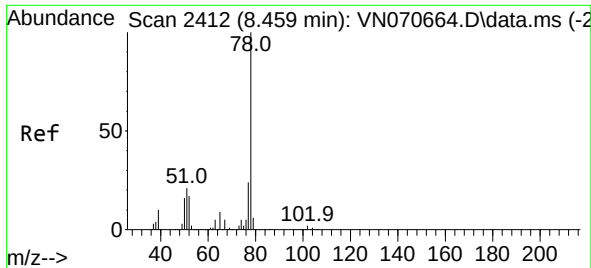
Tgt Ion:117 Resp: 121335
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 3.543 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 83 Resp: 89773
Ion Ratio Lower Upper
83 100
55 109.2 58.1 87.1#
98 42.7 38.4 57.6

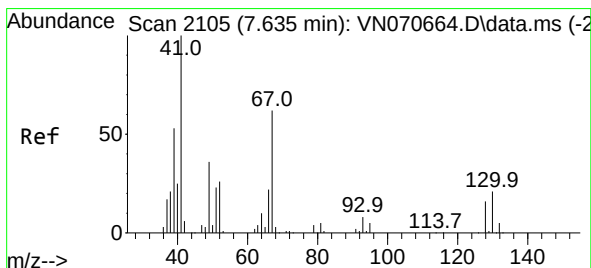
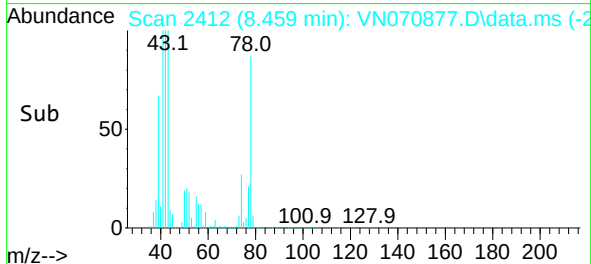
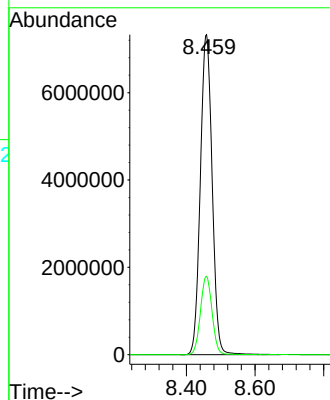
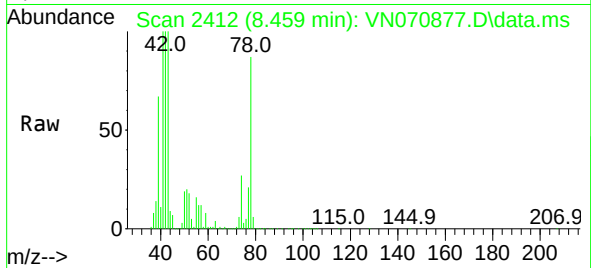




#40
Benzene
Concen: 275.575 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

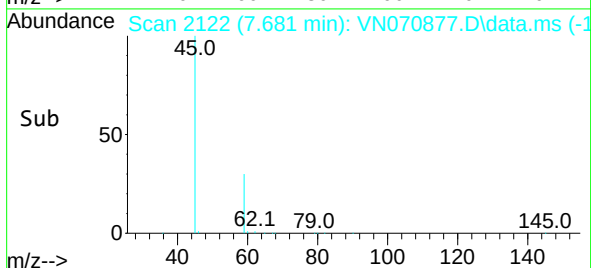
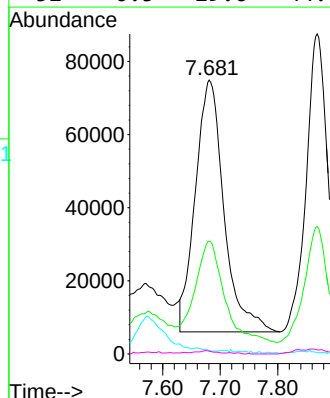
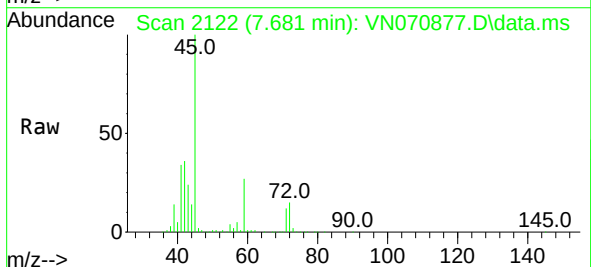
Instrument :
MSVOA_N
ClientSampleId :
31526

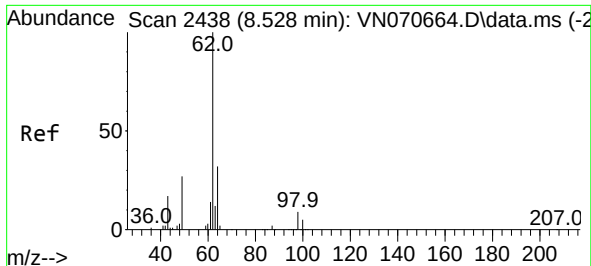
Tgt Ion: 78 Resp:17524814
Ion Ratio Lower Upper
78 100
77 24.5 18.6 27.8



#41
Methacrylonitrile
Concen: 17.194 ug/l
RT: 7.681 min Scan# 2122
Delta R.T. 0.046 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 41 Resp: 238353
Ion Ratio Lower Upper
41 100
39 40.7 48.1 72.1#
67 0.0 68.3 102.5#
52 0.5 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 7.579 ug/l

RT: 8.459 min Scan# 24

Delta R.T. -0.069 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

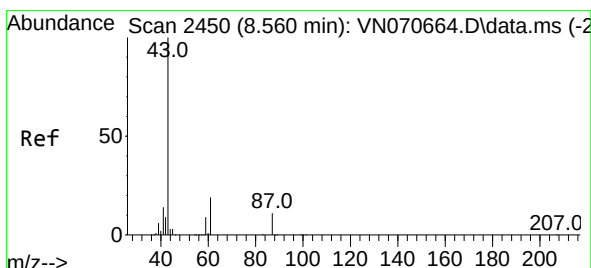
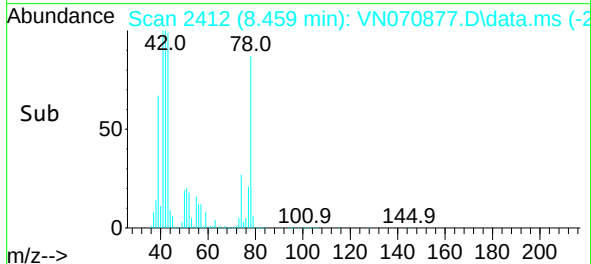
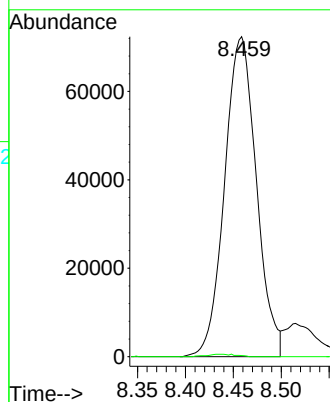
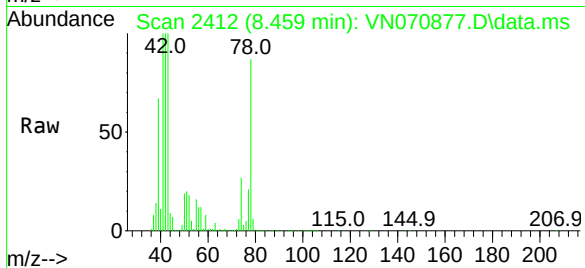
31526

Tgt Ion: 62 Resp: 167121

Ion Ratio Lower Upper

62 100

98 0.7 0.0 17.6



#43

Isopropyl Acetate

Concen: 57.895 ug/l

RT: 8.842 min Scan# 2555

Delta R.T. 0.282 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

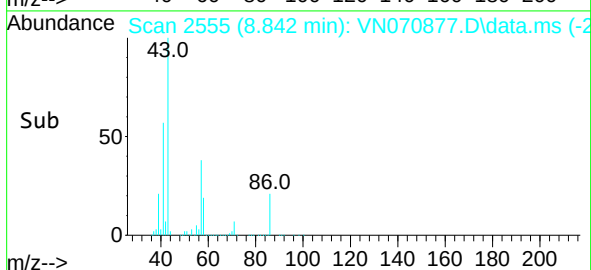
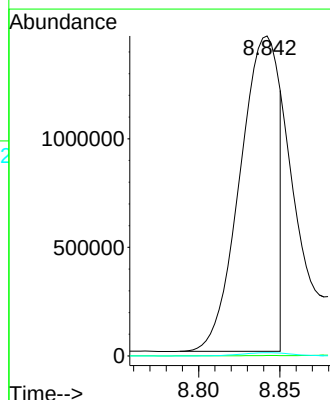
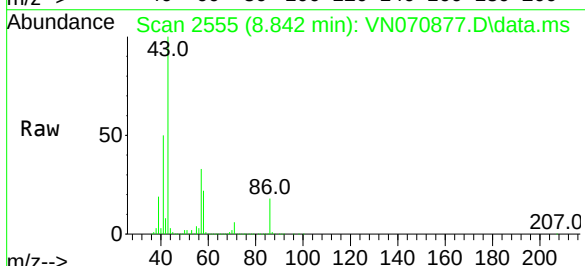
Tgt Ion: 43 Resp: 2409467

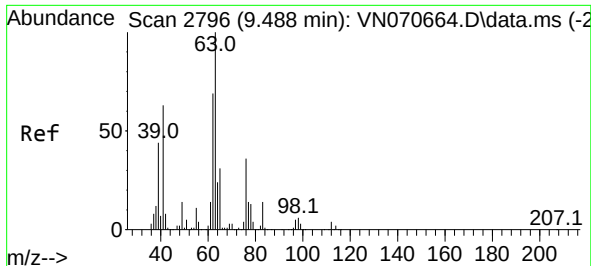
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 1.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 3.164 ug/l

RT: 9.550 min Scan# 2819

Delta R.T. 0.062 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

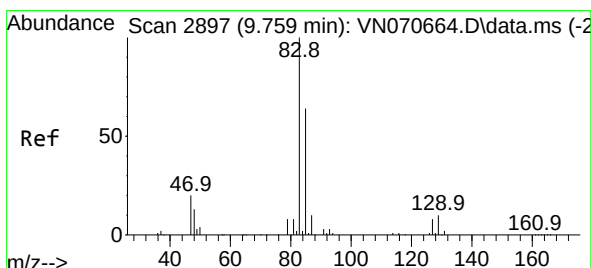
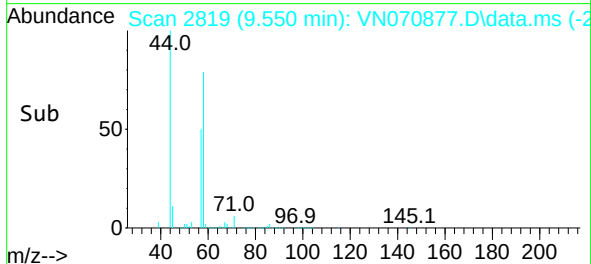
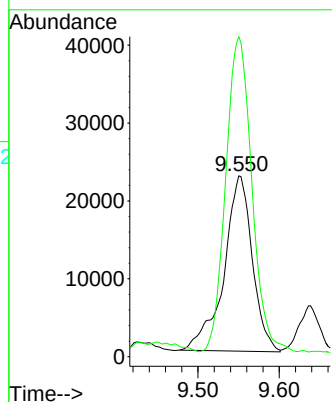
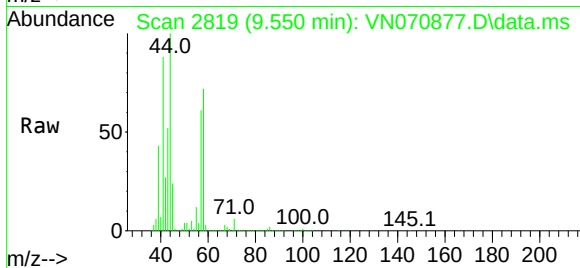
31526

Tgt Ion: 63 Resp: 54746

Ion Ratio Lower Upper

63 100

65 178.0 24.7 37.1#



#47

Bromodichloromethane

Concen: 0.218 ug/l

RT: 9.706 min Scan# 2877

Delta R.T. -0.053 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

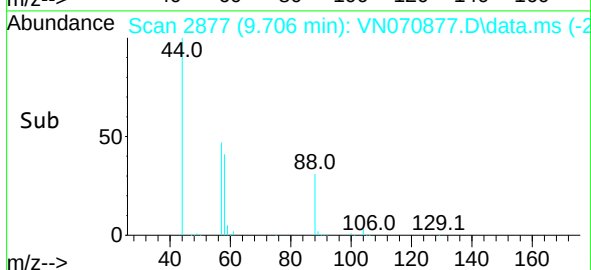
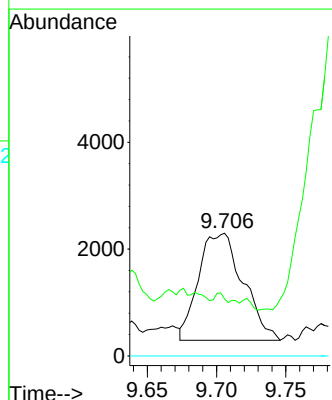
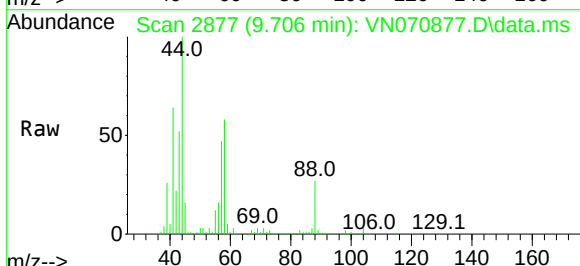
Tgt Ion: 83 Resp: 4485

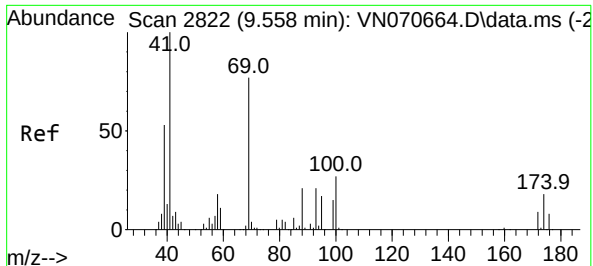
Ion Ratio Lower Upper

83 100

85 0.3 50.9 76.3#

127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 838.328 ug/l

RT: 9.550 min Scan# 21

Delta R.T. -0.008 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

31526

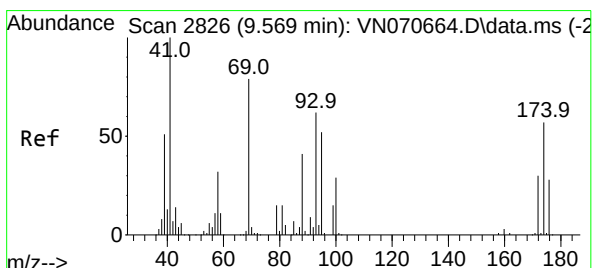
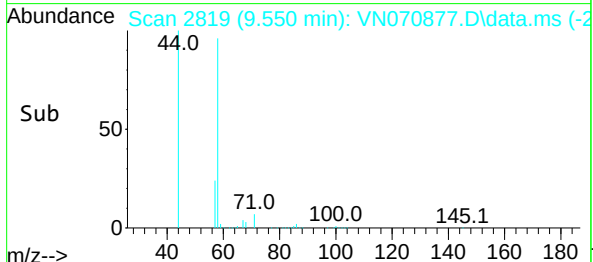
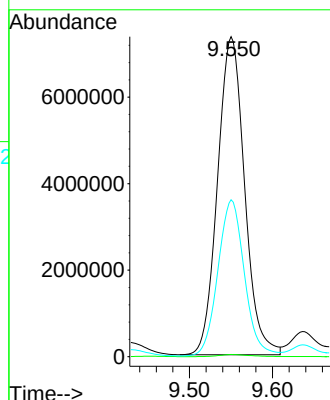
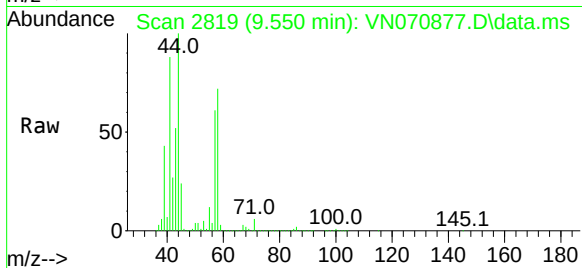
Tgt Ion: 41 Resp:16621340

Ion Ratio Lower Upper

41 100

69 0.8 72.4 108.6#

39 48.0 58.4 87.6#



#49

1,4-Dioxane

Concen: 13231.392 ug/l

RT: 9.598 min Scan# 2837

Delta R.T. 0.029 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

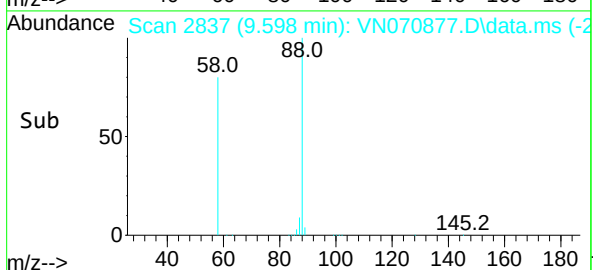
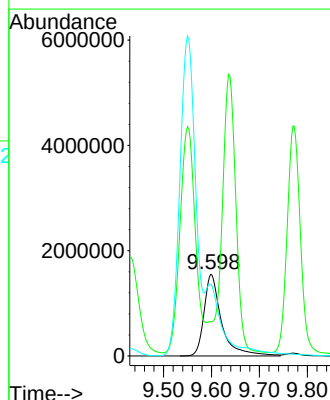
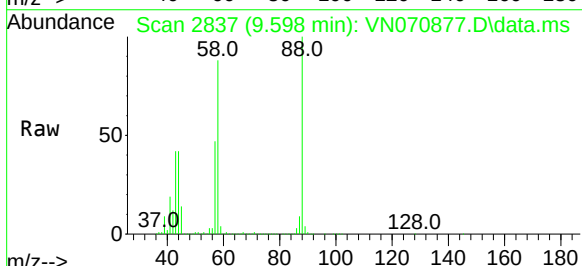
Tgt Ion: 88 Resp: 3940537

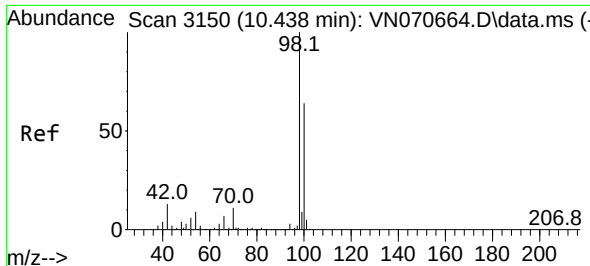
Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#

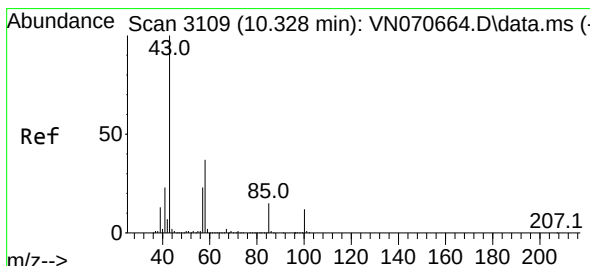
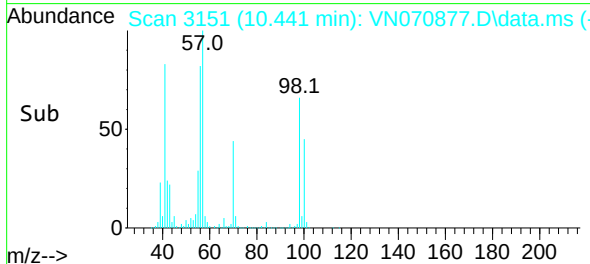
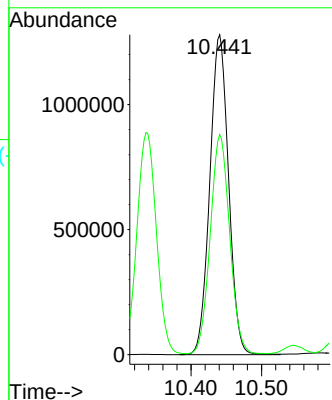
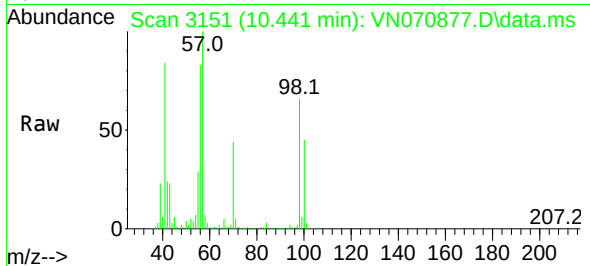




#50
Toluene-d8
Concen: 45.898 ug/l
RT: 10.441 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

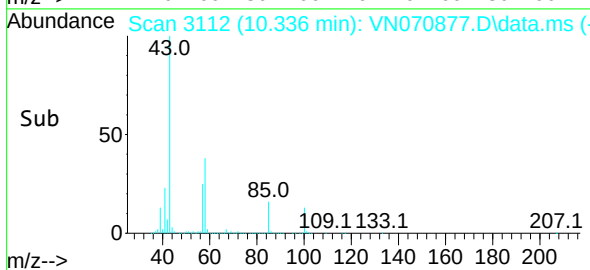
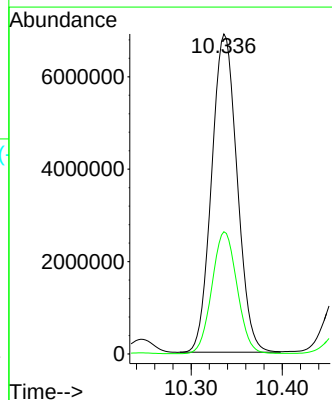
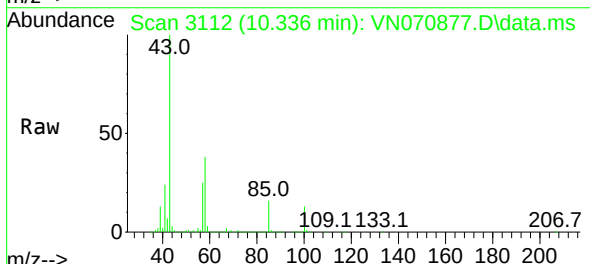
Instrument :
MSVOA_N
ClientSampleId :
31526

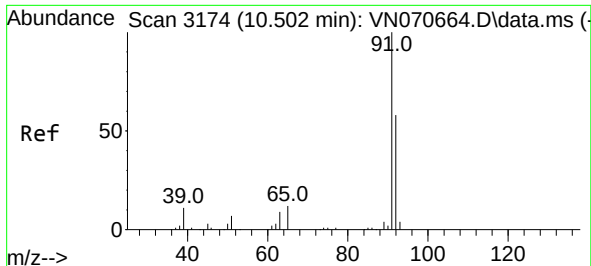
Tgt Ion: 98 Resp: 2357246
Ion Ratio Lower Upper
98 100
100 71.9 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 504.295 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.008 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 43 Resp:13392180
Ion Ratio Lower Upper
43 100
58 37.8 30.4 45.6

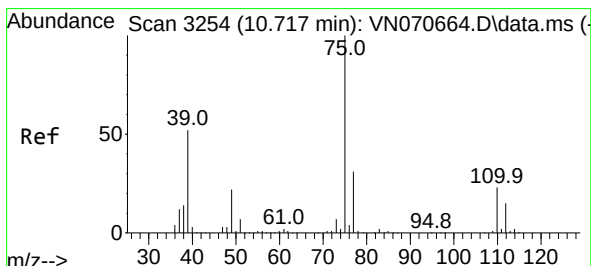
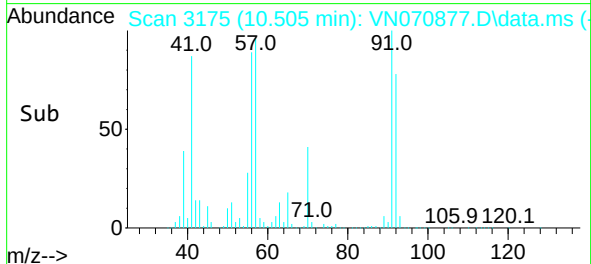
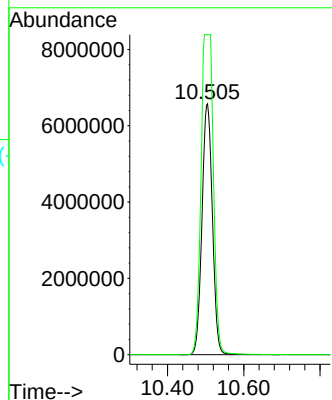
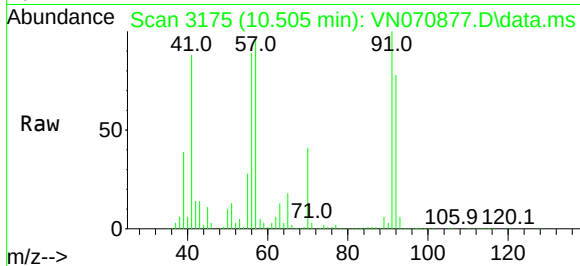




#52
Toluene
Concen: 327.272 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

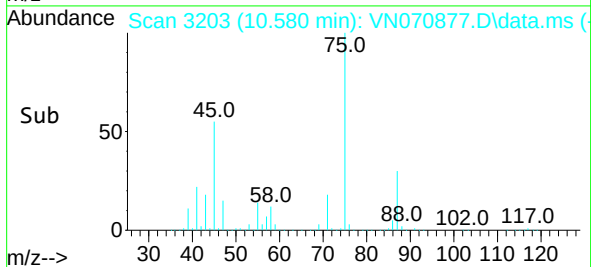
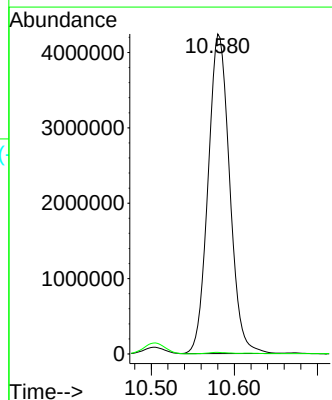
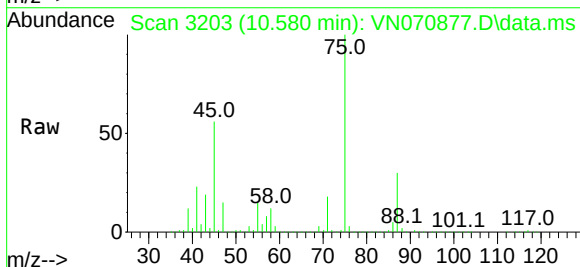
Instrument :
MSVOA_N
ClientSampleId :
31526

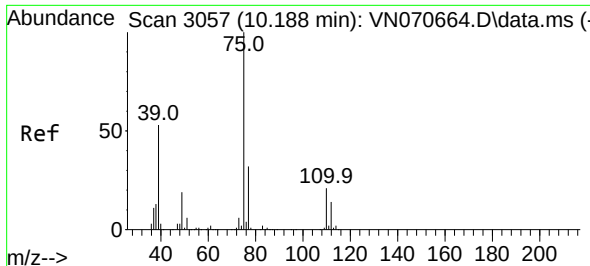
Tgt Ion: 92 Resp:12449431
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0#



#53
t-1,3-Dichloropropene
Concen: 293.849 ug/l
RT: 10.580 min Scan# 3203
Delta R.T. -0.137 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 75 Resp: 7635445
Ion Ratio Lower Upper
75 100
77 0.4 25.6 38.4#

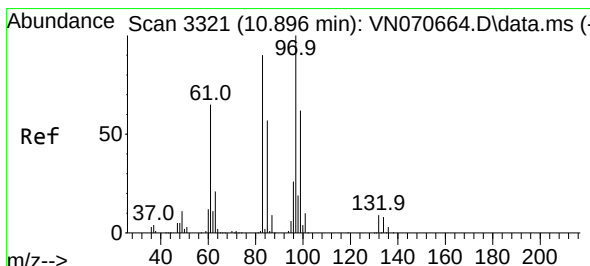
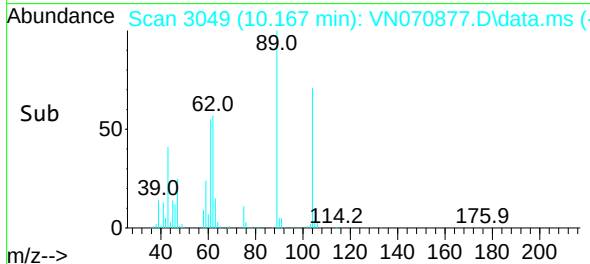
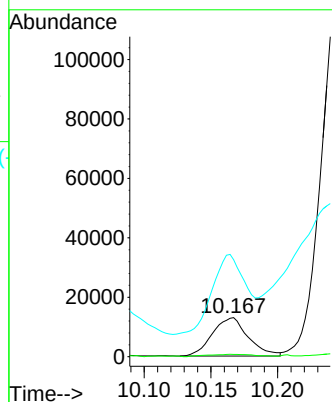
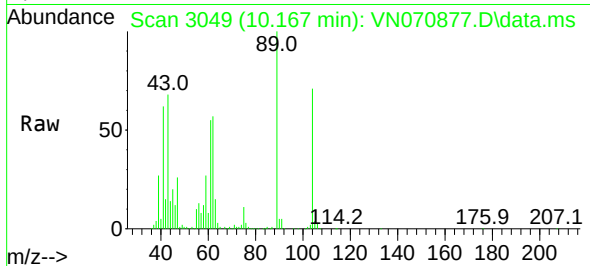




#54
 cis-1,3-Dichloropropene
 Concen: 0.978 ug/l
 RT: 10.167 min Scan# 3057
 Delta R.T. -0.021 min
 Lab File: VN070877.D
 Acq: 1 Feb 2022 17:46

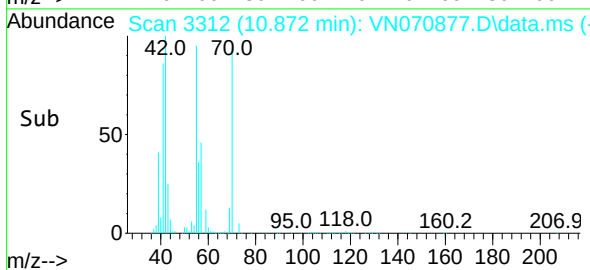
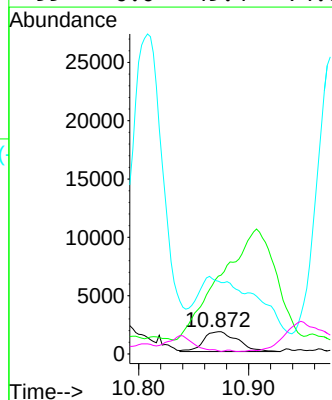
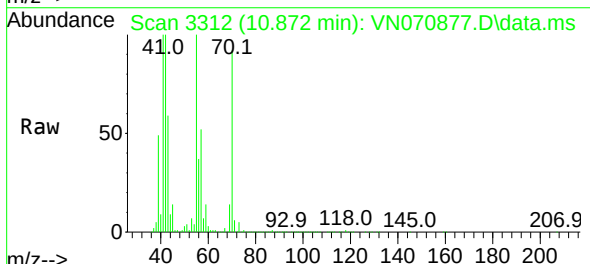
Instrument :
 MSVOA_N
 ClientSampleId :
 31526

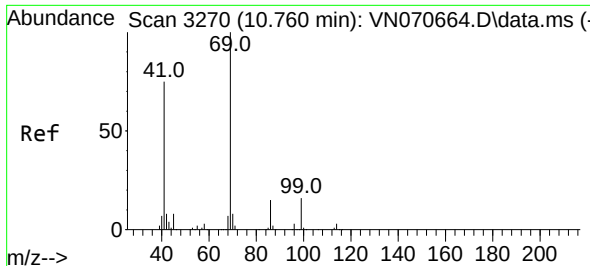
Tgt Ion: 75 Resp: 24128
 Ion Ratio Lower Upper
 75 100
 77 4.9 26.4 39.6#
 39 192.4 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 0.246 ug/l
 RT: 10.872 min Scan# 3312
 Delta R.T. -0.024 min
 Lab File: VN070877.D
 Acq: 1 Feb 2022 17:46

Tgt Ion: 97 Resp: 3672
 Ion Ratio Lower Upper
 97 100
 83 304.1 67.8 101.6#
 85 214.0 45.4 68.2#
 99 0.0 49.4 74.0#

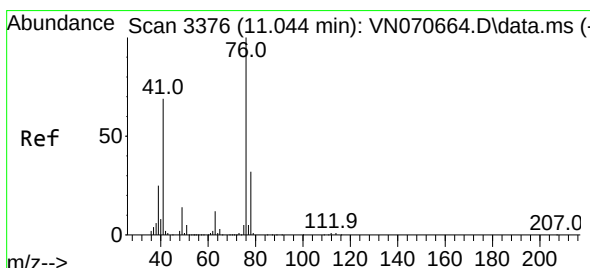
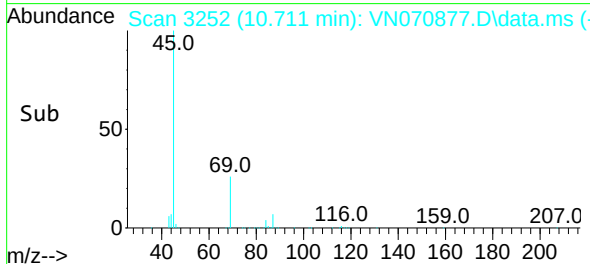
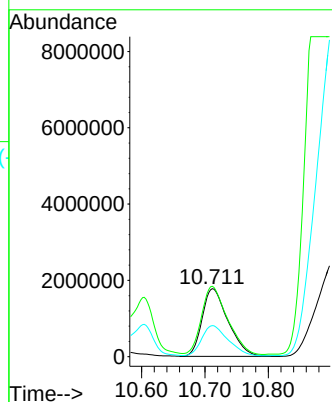
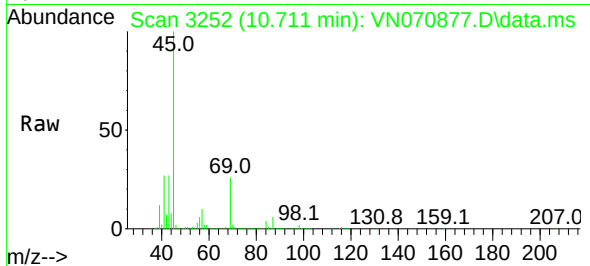




#56
Ethyl methacrylate
Concen: 170.521 ug/l
RT: 10.711 min Scan# 31
Delta R.T. -0.049 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

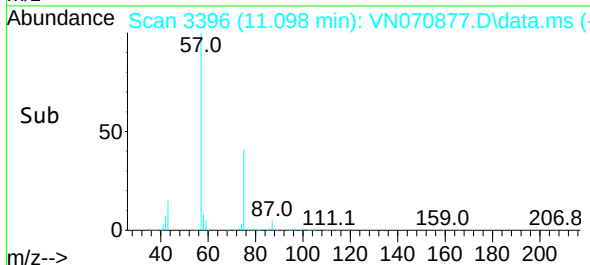
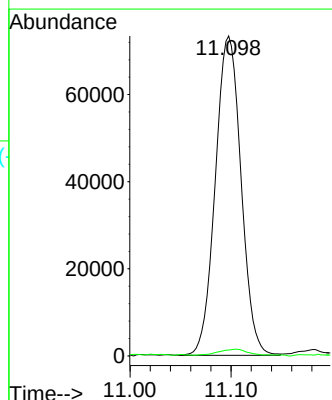
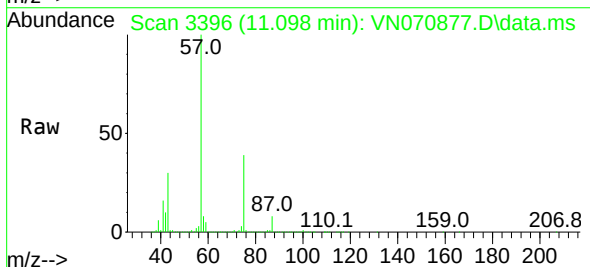
Instrument :
MSVOA_N
ClientSampleId :
31526

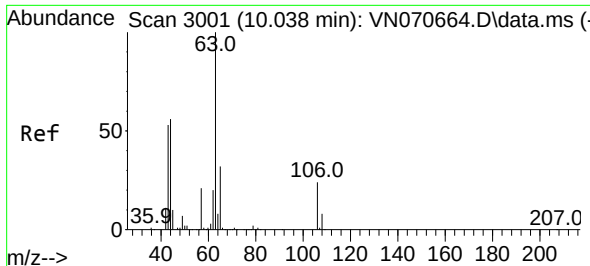
Tgt Ion: 69 Resp: 5011740
Ion Ratio Lower Upper
69 100
41 100.8 51.4 77.0#
39 45.1 34.6 52.0



#57
1,3-Dichloropropane
Concen: 4.891 ug/l
RT: 11.098 min Scan# 3396
Delta R.T. 0.054 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 76 Resp: 129380
Ion Ratio Lower Upper
76 100
78 2.0 25.7 38.5#

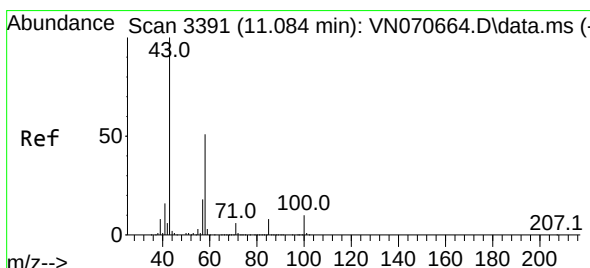
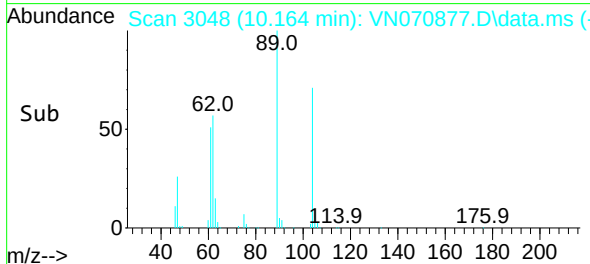
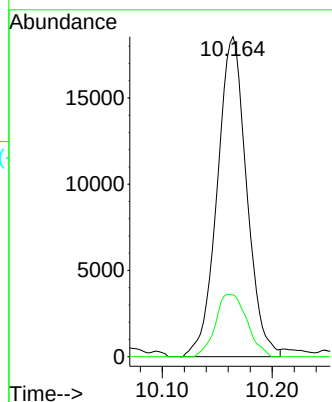
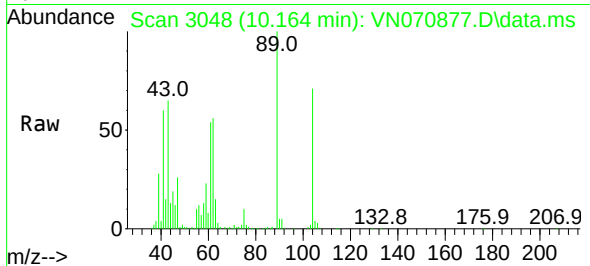




#58
2-Chloroethyl Vinyl ether
Concen: 25.614 ug/l
RT: 10.164 min Scan# 3001
Delta R.T. 0.126 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

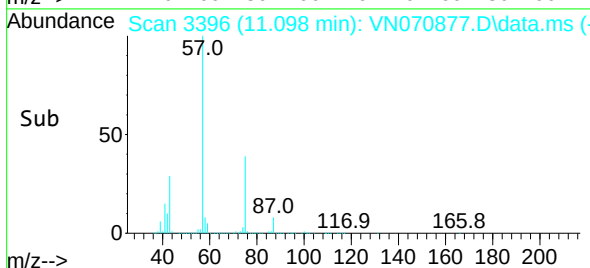
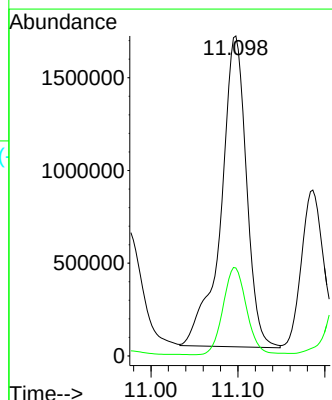
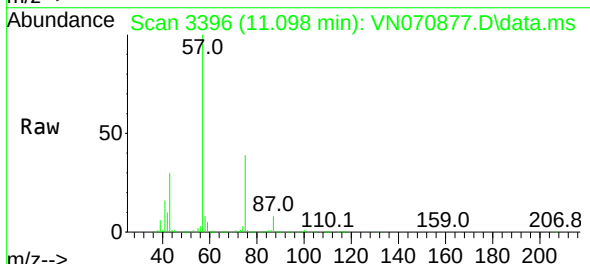
Instrument :
MSVOA_N
ClientSampleId :
31526

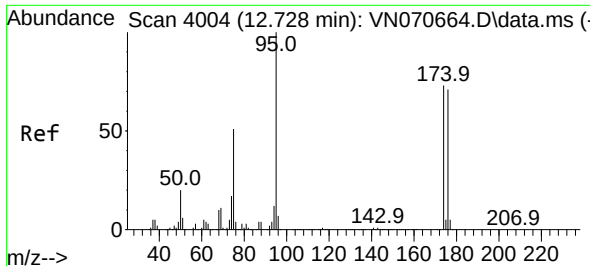
Tgt Ion: 63 Resp: 34492
Ion Ratio Lower Upper
63 100
106 20.8 23.9 35.9#



#59
2-Hexanone
Concen: 177.040 ug/l
RT: 11.098 min Scan# 3396
Delta R.T. 0.014 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 43 Resp: 3415439
Ion Ratio Lower Upper
43 100
58 26.0 26.9 80.7#

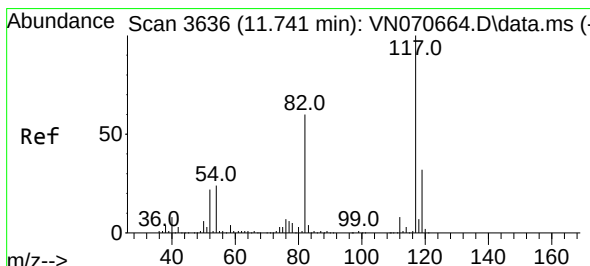
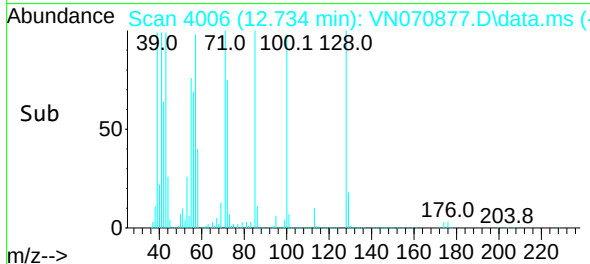
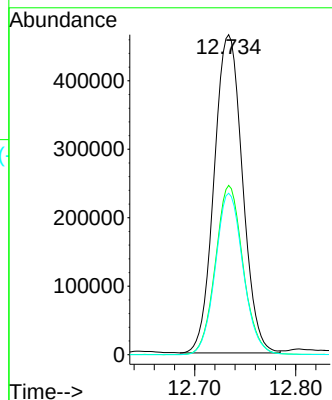
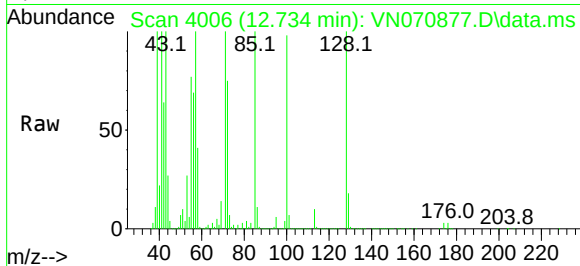




#62
4-Bromofluorobenzene
Concen: 49.429 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.006 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

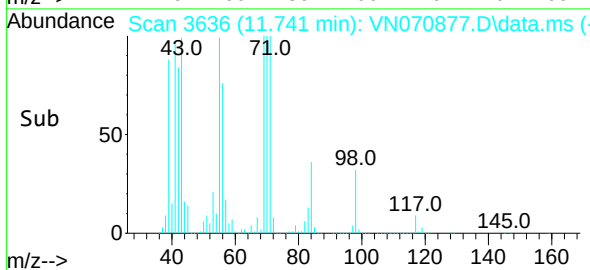
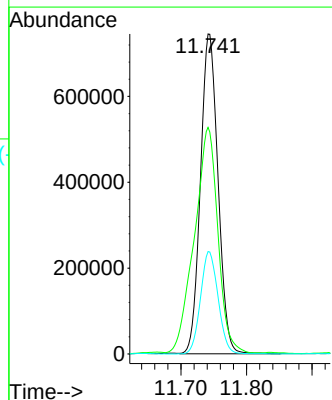
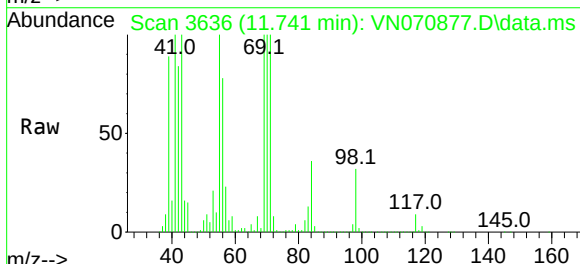
Instrument :
MSVOA_N
ClientSampleId :
31526

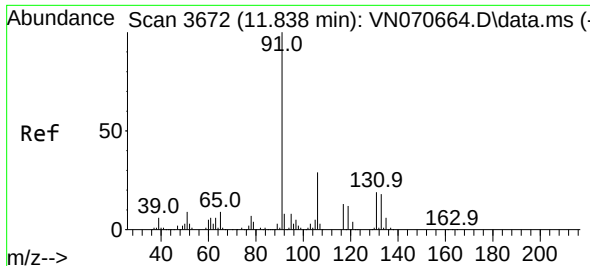
Tgt Ion: 95 Resp: 904611
Ion Ratio Lower Upper
95 100
174 52.0 0.0 187.2
176 49.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 117 Resp: 1381156
Ion Ratio Lower Upper
117 100
82 70.5 42.4 63.6#
119 32.0 25.4 38.2

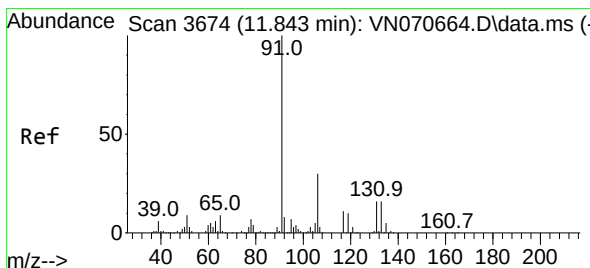
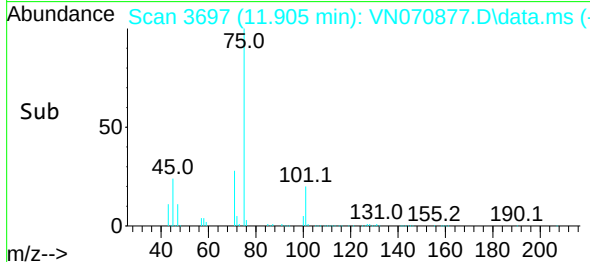
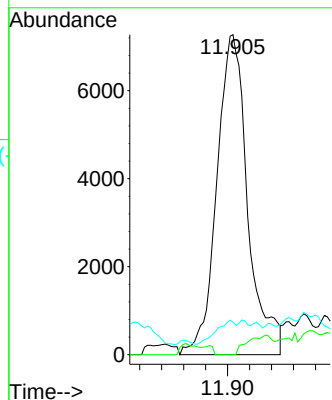
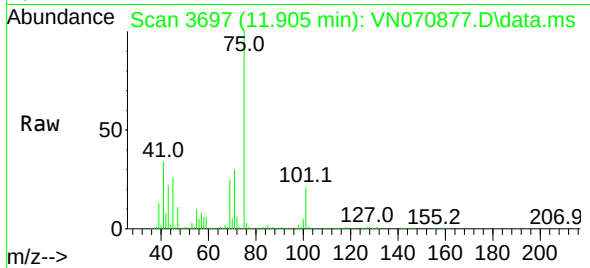




#66
1,1,1,2-Tetrachloroethane
Concen: 1.379 ug/l
RT: 11.905 min Scan# 30
Delta R.T. 0.067 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

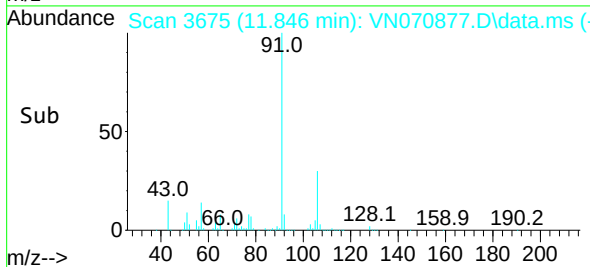
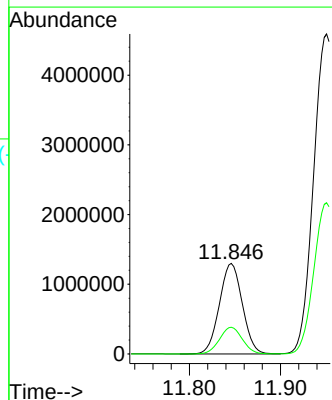
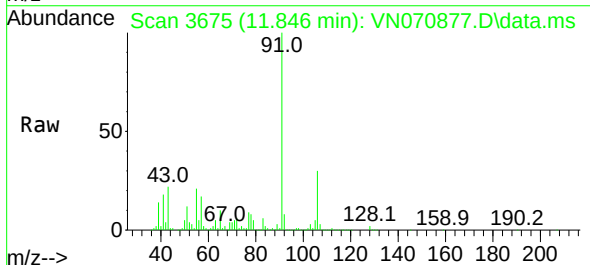
Instrument :
MSVOA_N
ClientSampleId :
31526

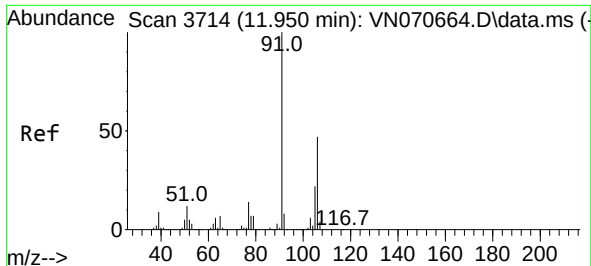
Tgt Ion:131 Resp: 14206
Ion Ratio Lower Upper
131 100
133 0.0 47.9 143.7#
119 0.0 32.1 96.5#



#67
Ethyl Benzene
Concen: 40.827 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 91 Resp: 2265102
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

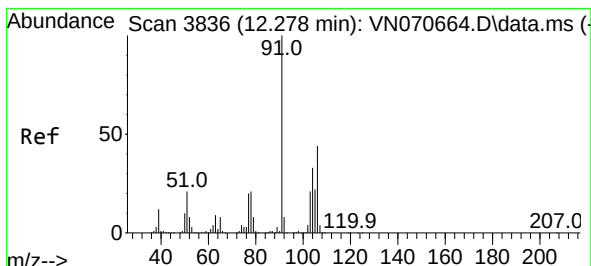
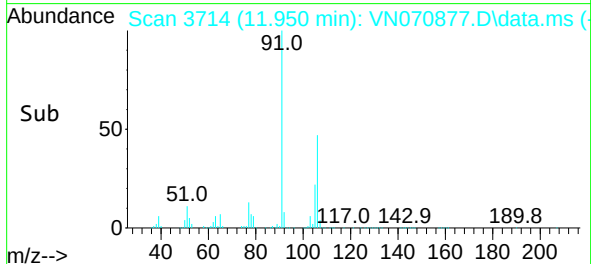
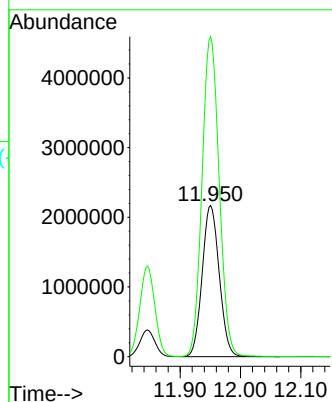
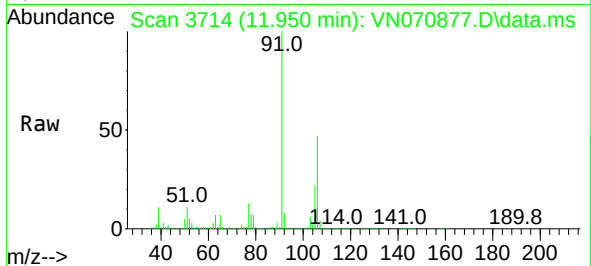




#68
m/p-Xylenes
Concen: 210.784 ug/l
RT: 11.950 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

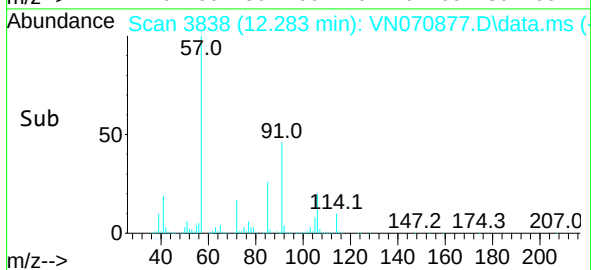
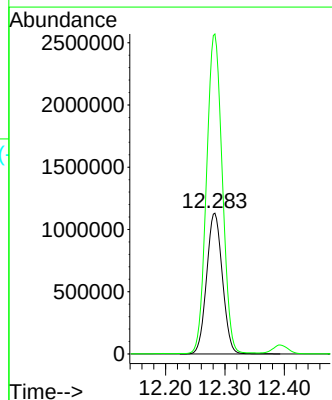
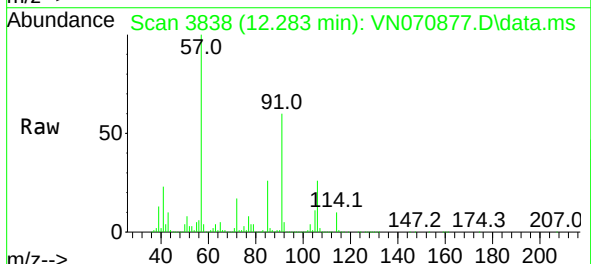
Instrument :
MSVOA_N
ClientSampleId :
31526

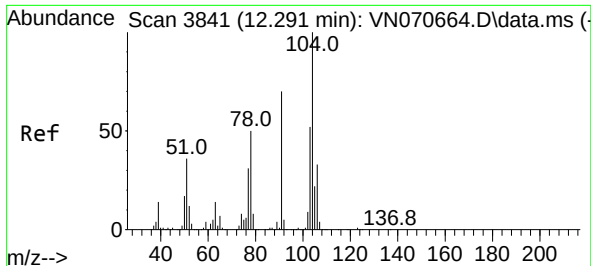
Tgt Ion:106 Resp: 4254259
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8



#69
o-Xylene
Concen: 103.764 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.005 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion:106 Resp: 2078329
Ion Ratio Lower Upper
106 100
91 227.4 105.8 317.3

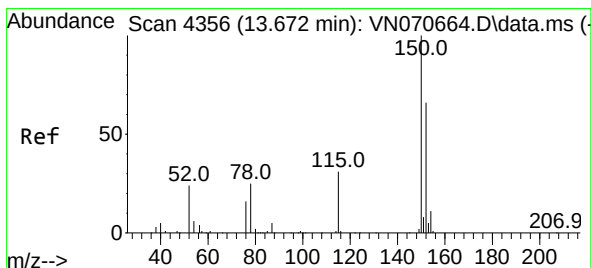
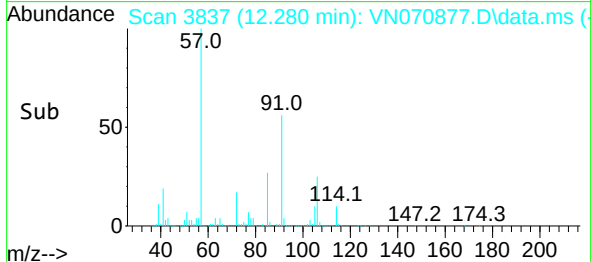
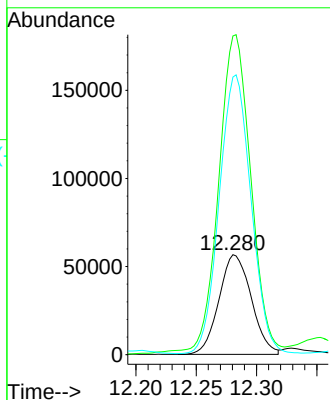
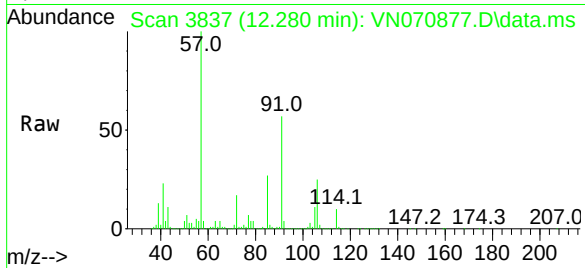




#70
Styrene
Concen: 3.298 ug/l
RT: 12.280 min Scan# 31526
Delta R.T. -0.011 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

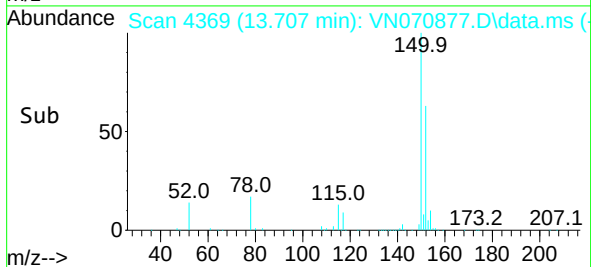
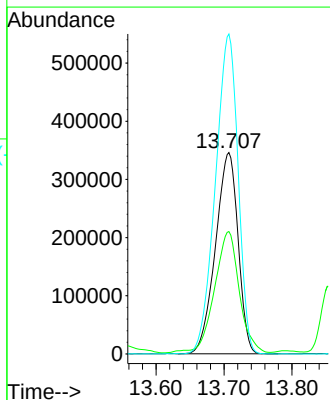
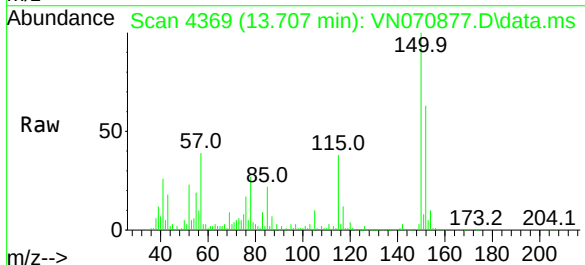
Instrument :
MSVOA_N
ClientSampleId :
31526

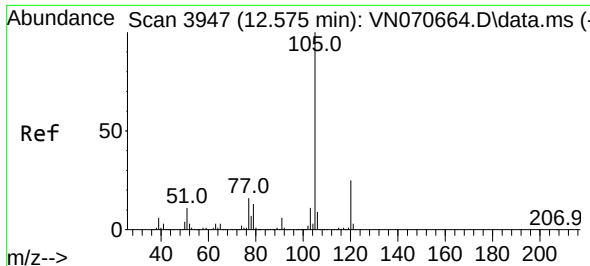
Tgt Ion:104 Resp: 105691
Ion Ratio Lower Upper
104 100
78 319.2 38.7 58.1#
103 275.3 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.707 min Scan# 4369
Delta R.T. 0.035 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion:152 Resp: 798397
Ion Ratio Lower Upper
152 100
115 66.1 27.5 82.5
150 159.8 0.0 344.4

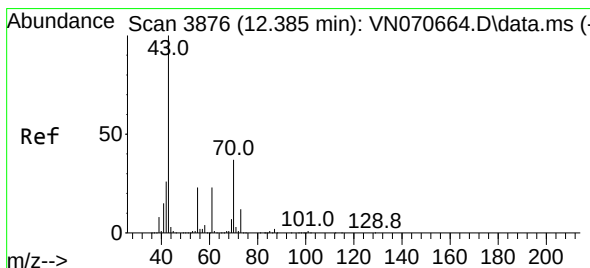
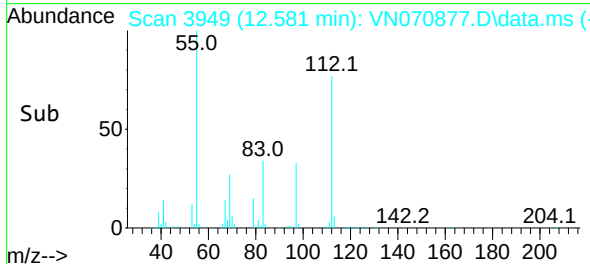
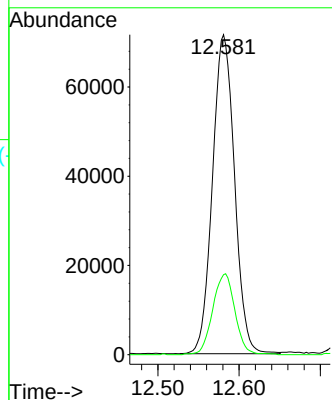
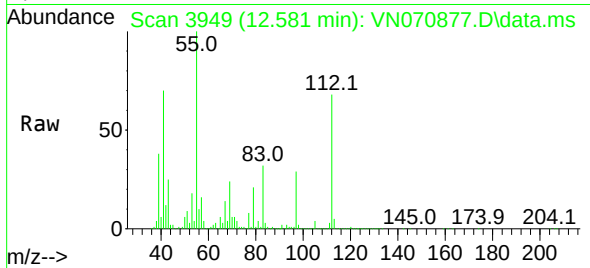




#73
Isopropylbenzene
Concen: 1.786 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.006 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

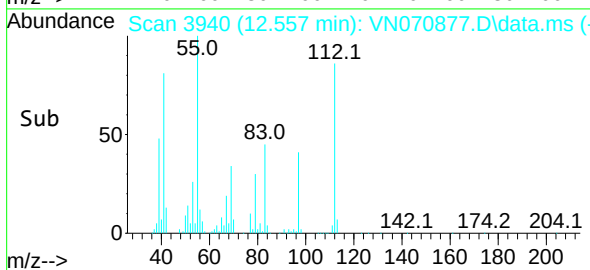
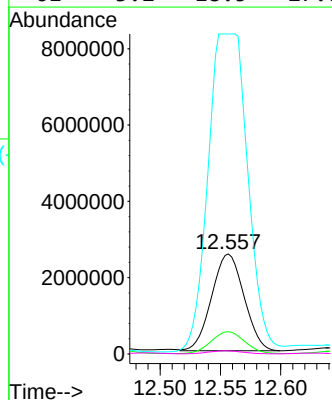
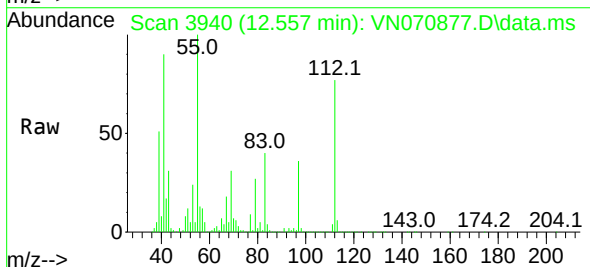
Instrument :
MSVOA_N
ClientSampleId :
31526

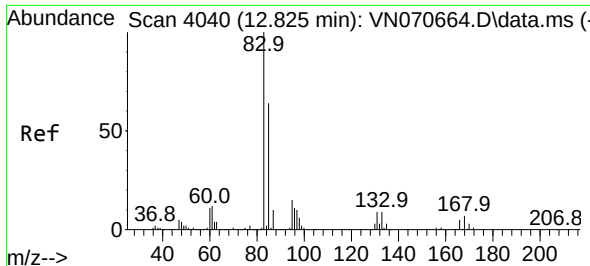
Tgt Ion:105 Resp: 134895
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 153.826 ug/l
RT: 12.557 min Scan# 3940
Delta R.T. 0.172 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 43 Resp: 4750549
Ion Ratio Lower Upper
43 100
70 23.2 33.4 50.0#
55 0.0 19.3 28.9#
61 3.2 18.5 27.7#

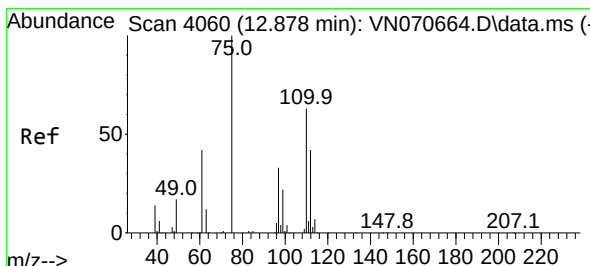
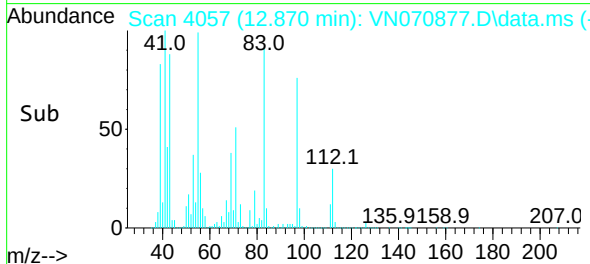
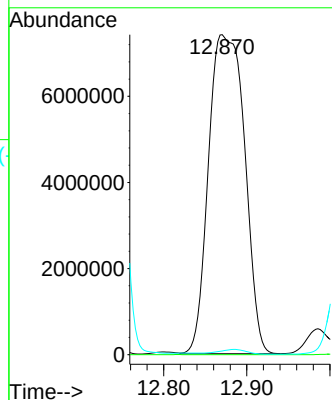
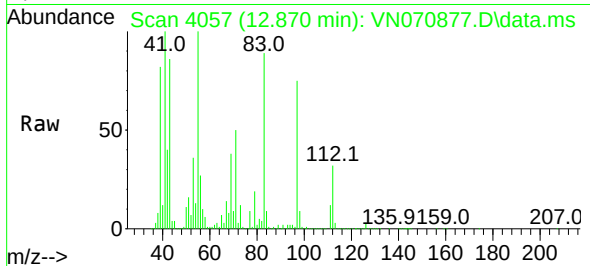




#75
1,1,2,2-Tetrachloroethane
Concen: 874.906 ug/l
RT: 12.870 min Scan# 4040
Delta R.T. 0.045 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

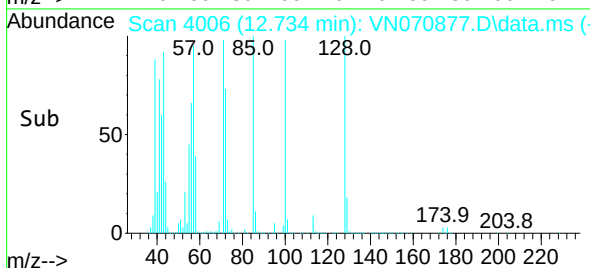
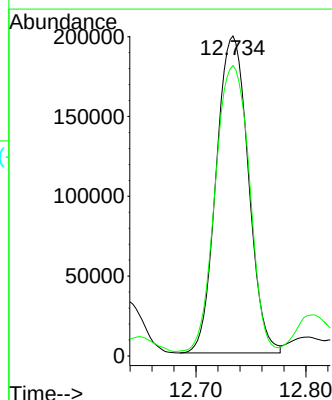
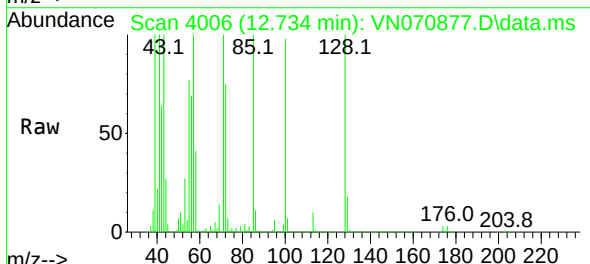
Instrument :
MSVOA_N
ClientSampleId :
31526

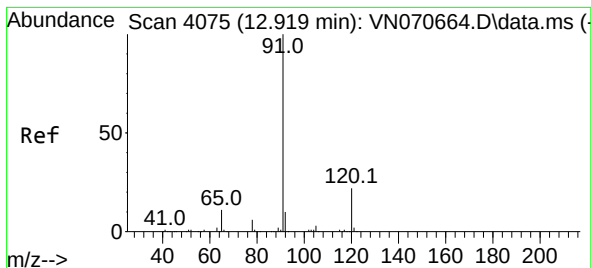
Tgt Ion: 83 Resp:22317865
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 1.1 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 19.006 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.144 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 75 Resp: 402470
Ion Ratio Lower Upper
75 100
77 95.6 82.6 247.8





#78

n-propylbenzene

Concen: 6.431 ug/l

RT: 12.986 min Scan# 4100

Delta R.T. 0.067 min

Lab File: VN070877.D

Acq: 1 Feb 2022 17:46

Instrument :

MSVOA_N

ClientSampleId :

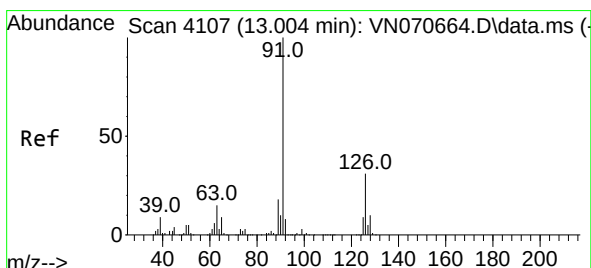
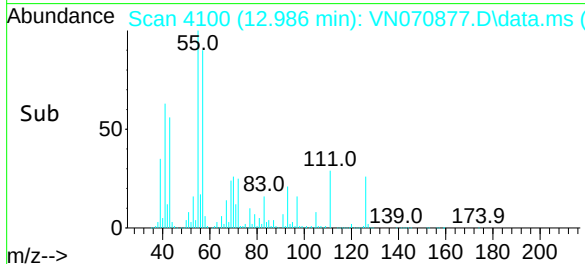
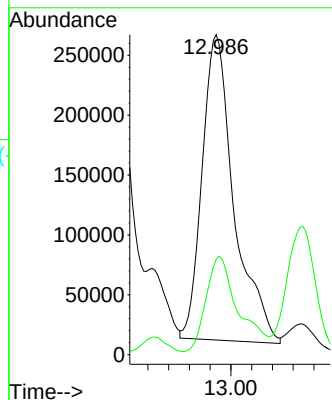
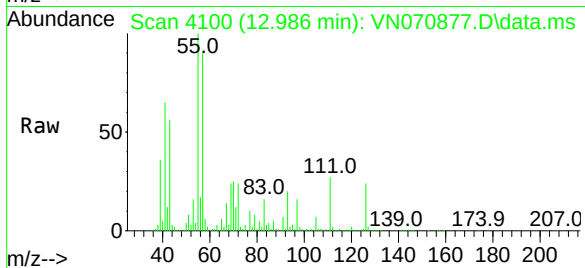
31526

Tgt Ion: 91 Resp: 543252

Ion Ratio Lower Upper

91 100

120 33.8 11.9 35.9



#79

2-Chlorotoluene

Concen: 10.167 ug/l

RT: 12.986 min Scan# 4100

Delta R.T. -0.018 min

Lab File: VN070877.D

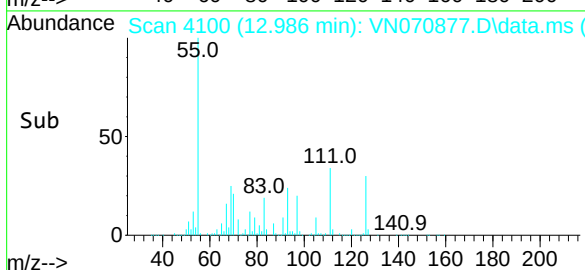
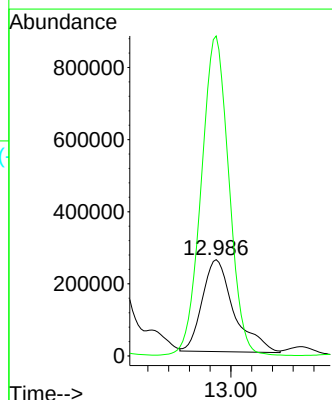
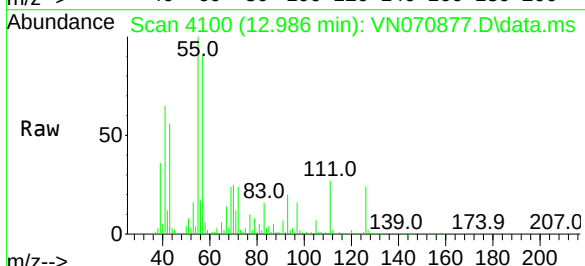
Acq: 1 Feb 2022 17:46

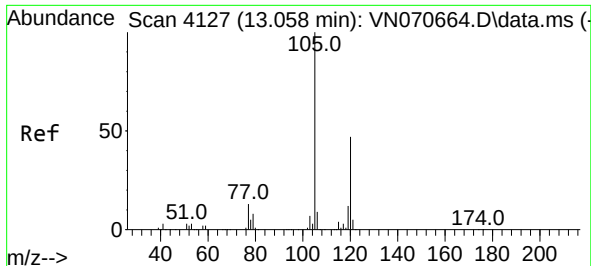
Tgt Ion: 91 Resp: 543252

Ion Ratio Lower Upper

91 100

126 301.8 18.3 54.8#

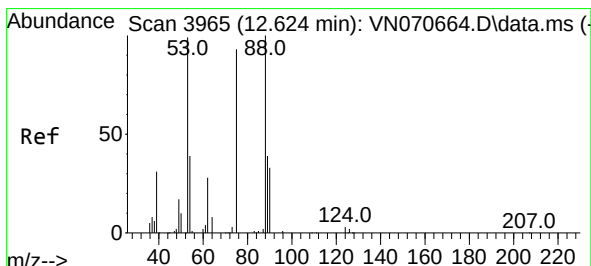
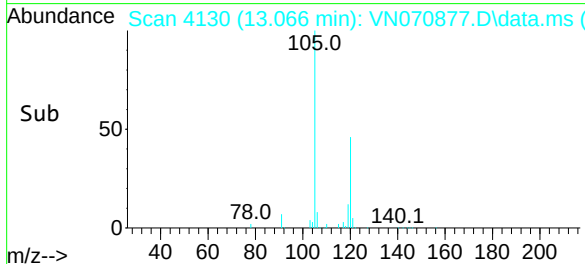
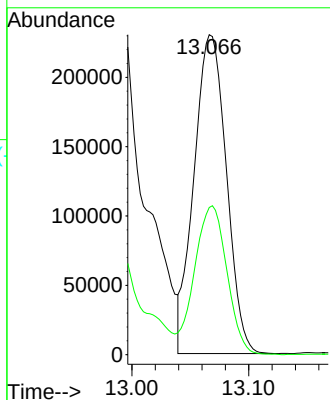
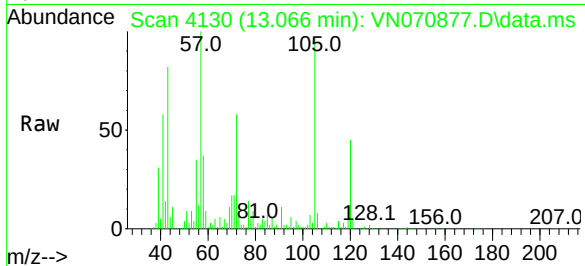




#80
 1,3,5-Trimethylbenzene
 Concen: 7.251 ug/l
 RT: 13.066 min Scan# 4127
 Delta R.T. 0.008 min
 Lab File: VN070877.D
 Acq: 1 Feb 2022 17:46

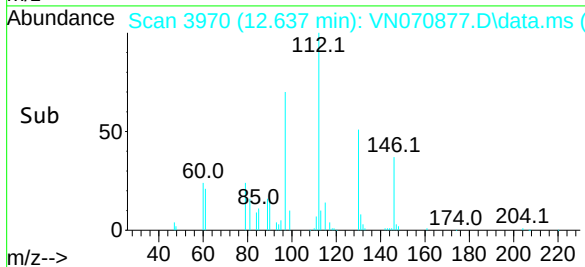
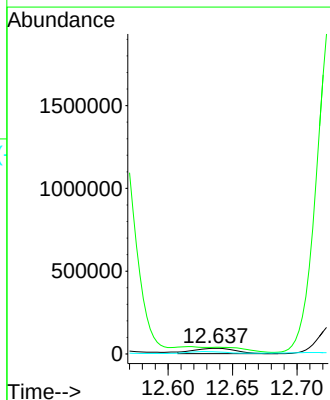
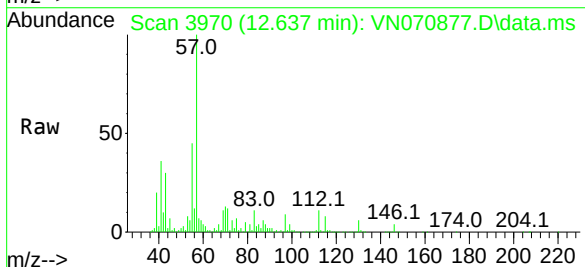
Instrument :
 MSVOA_N
 ClientSampleId :
 31526

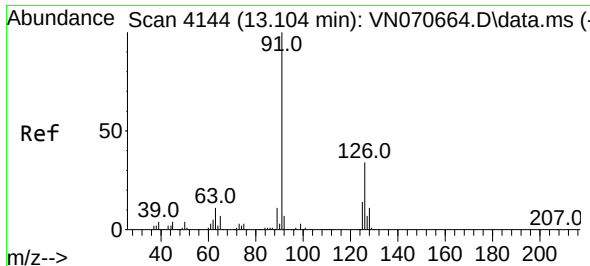
Tgt Ion:105 Resp: 442923
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 10.233 ug/l
 RT: 12.637 min Scan# 3970
 Delta R.T. 0.013 min
 Lab File: VN070877.D
 Acq: 1 Feb 2022 17:46

Tgt Ion: 75 Resp: 72733
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 38.2 57.4#

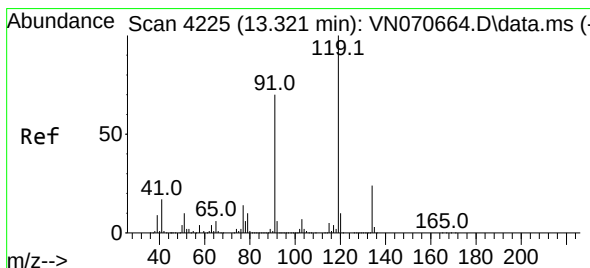
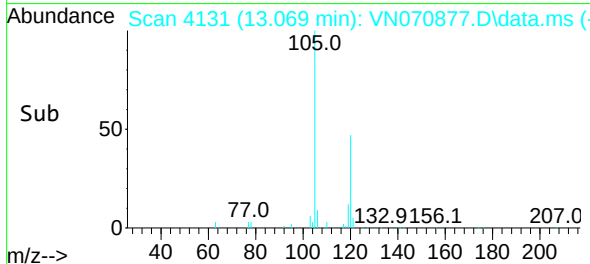
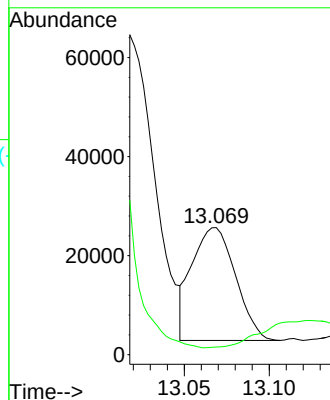
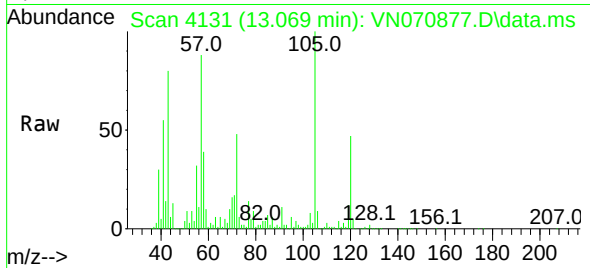




#82
4-Chlorotoluene
Concen: 0.814 ug/l
RT: 13.069 min Scan# 4144
Delta R.T. -0.035 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

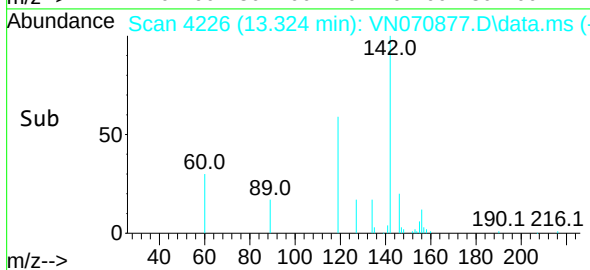
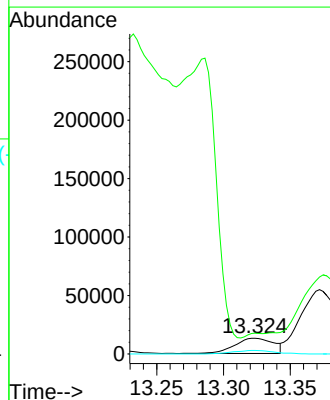
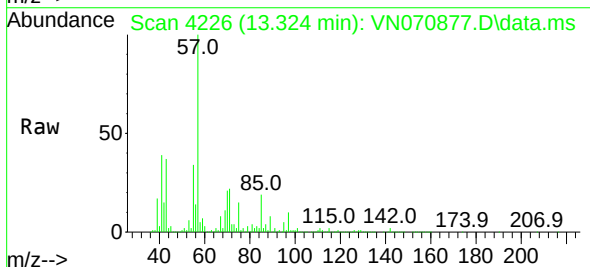
Instrument :
MSVOA_N
ClientSampleId :
31526

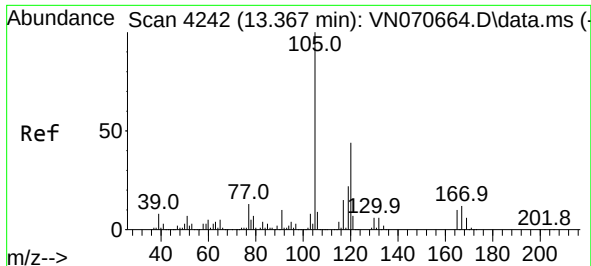
Tgt Ion: 91 Resp: 40618
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 0.496 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 119 Resp: 26361
Ion Ratio Lower Upper
119 100
91 0.0 31.5 94.5#
134 24.4 12.4 37.4

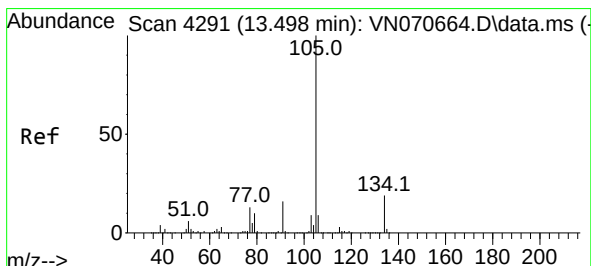
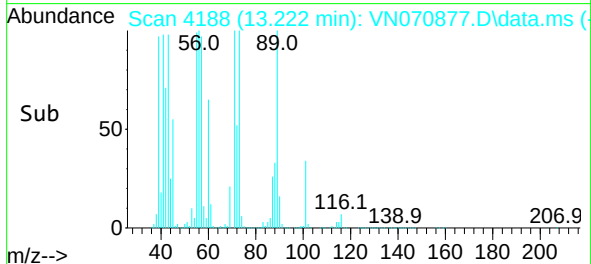
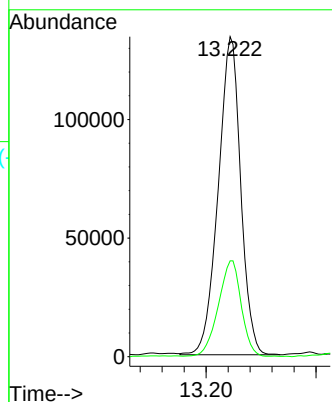
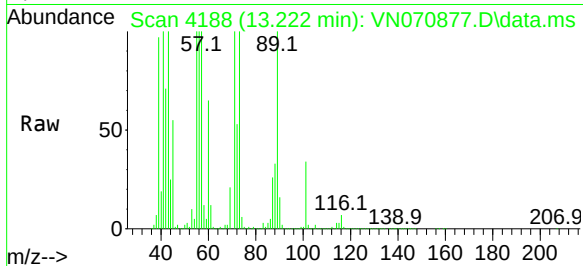




#84
1,2,4-Trimethylbenzene
Concen: 3.235 ug/l
RT: 13.222 min Scan# 4188
Delta R.T. -0.145 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

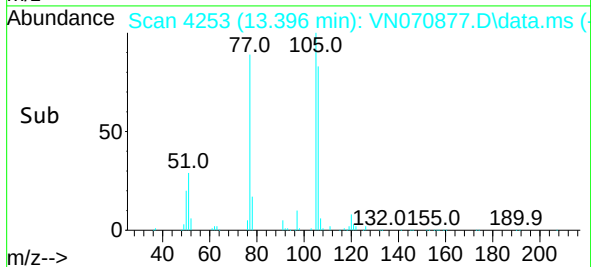
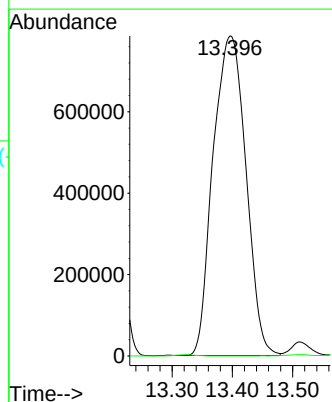
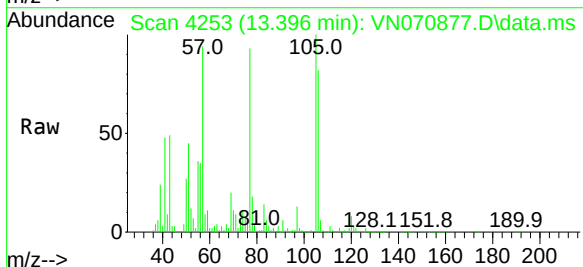
Instrument :
MSVOA_N
ClientSampleId :
31526

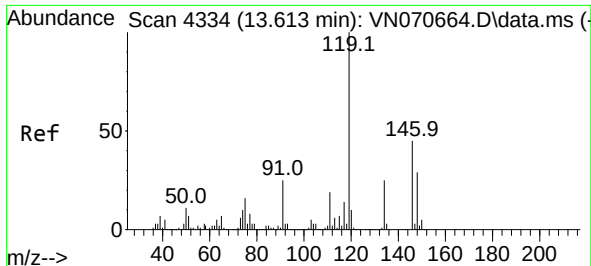
Tgt Ion:105 Resp: 189941
Ion Ratio Lower Upper
105 100
120 30.5 22.8 68.4



#85
sec-Butylbenzene
Concen: 41.116 ug/l
RT: 13.396 min Scan# 4253
Delta R.T. -0.102 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion:105 Resp: 2972082
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

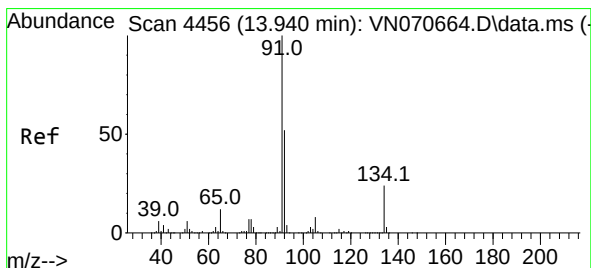
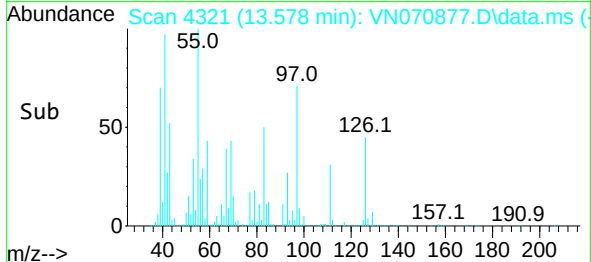
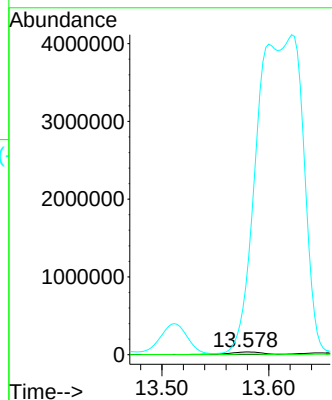
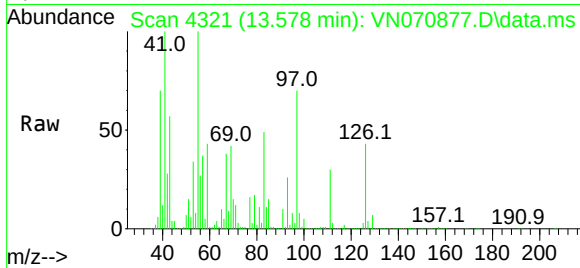




#86
p-Isopropyltoluene
Concen: 1.224 ug/l
RT: 13.578 min Scan# 41
Delta R.T. -0.035 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

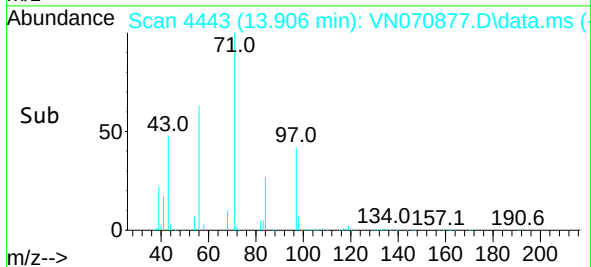
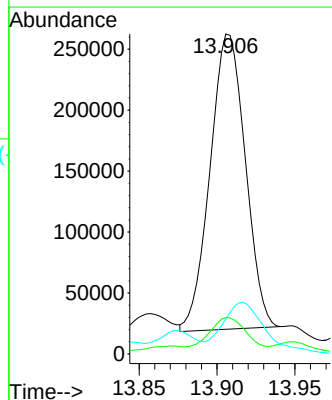
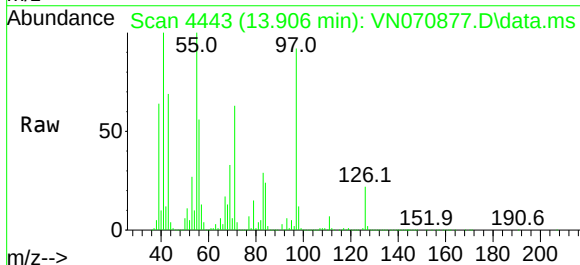
Instrument :
MSVOA_N
ClientSampleId :
31526

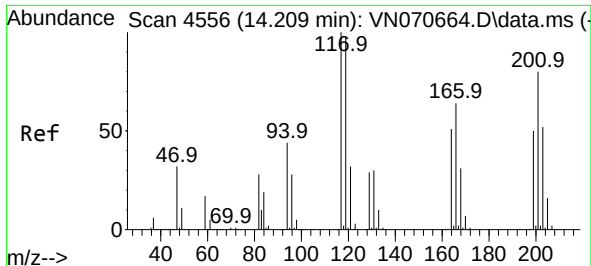
Tgt Ion:119 Resp: 69512
Ion Ratio Lower Upper
119 100
134 23.5 13.6 40.7
91 0.0 11.4 34.1#



#89
n-Butylbenzene
Concen: 8.138 ug/l
RT: 13.906 min Scan# 4443
Delta R.T. -0.034 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 91 Resp: 381226
Ion Ratio Lower Upper
91 100
92 12.3 25.4 76.0#
134 21.0 13.6 40.8

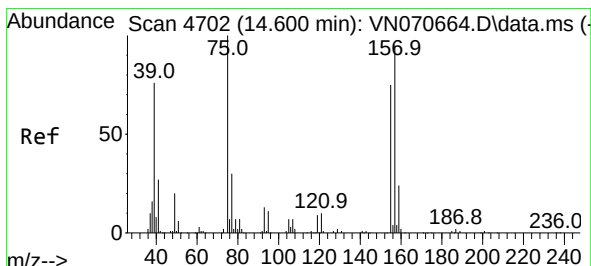
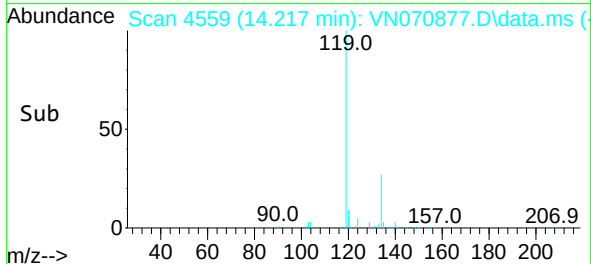
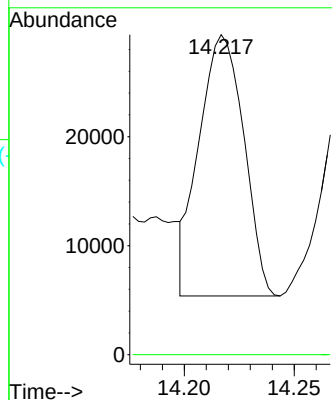
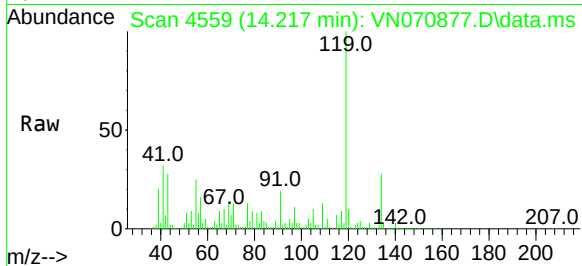




#90
Hexachloroethane
Concen: 3.415 ug/l
RT: 14.217 min Scan# 411
Delta R.T. 0.008 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

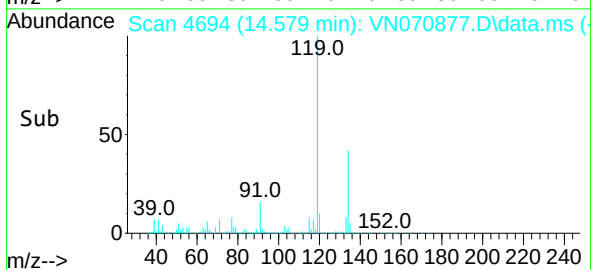
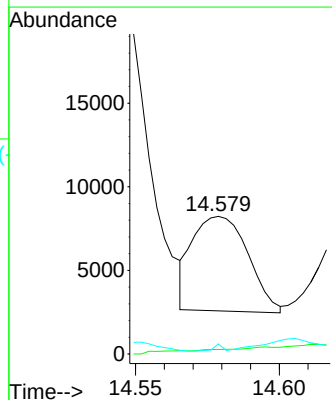
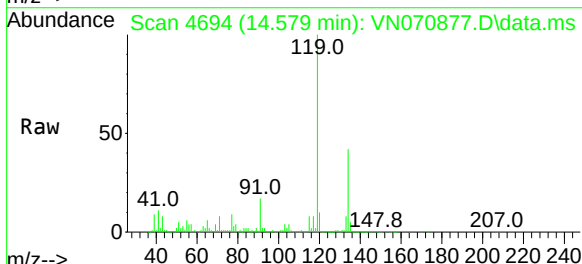
Instrument :
MSVOA_N
ClientSampleId :
31526

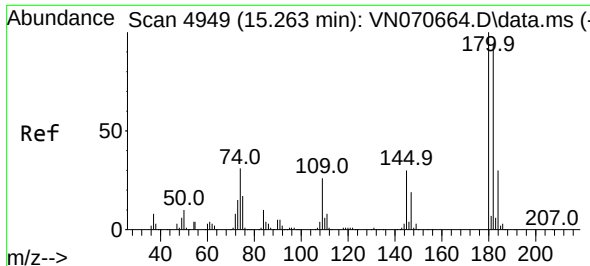
Tgt Ion:117 Resp: 33897
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.757 ug/l
RT: 14.579 min Scan# 4694
Delta R.T. -0.021 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

Tgt Ion: 75 Resp: 7604
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 1.4 60.6 181.7#

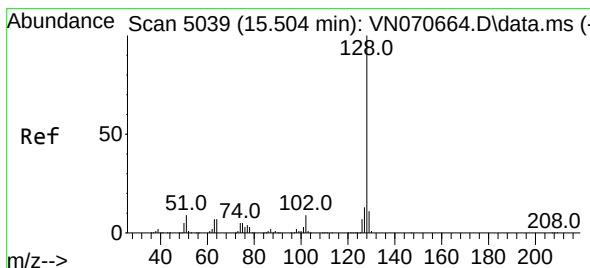
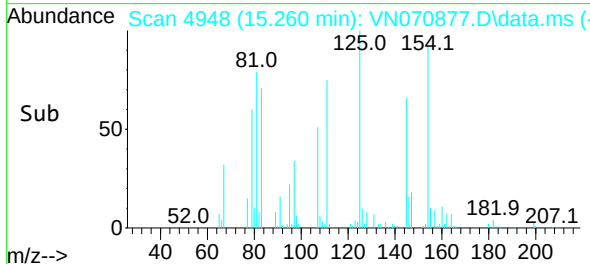
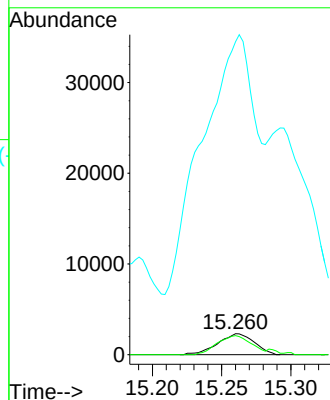
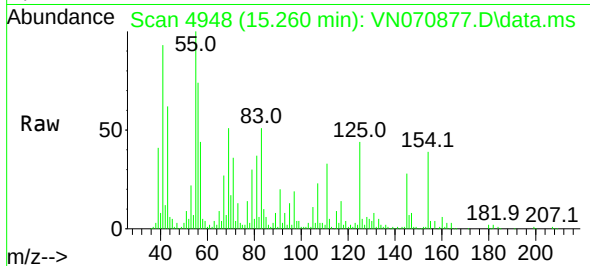




#93
1,2,4-Trichlorobenzene
Concen: 3.693 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

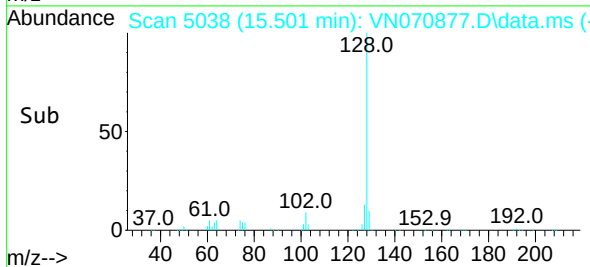
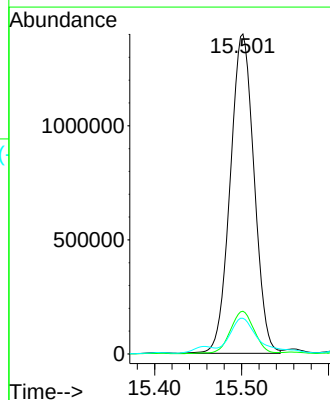
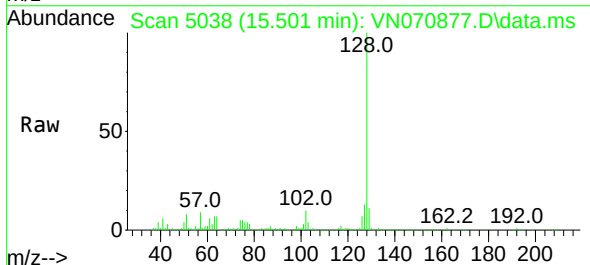
Instrument :
MSVOA_N
ClientSampleId :
31526

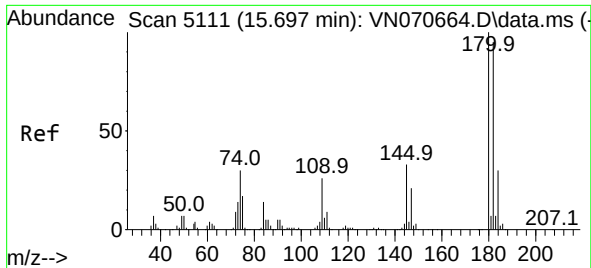
Tgt Ion:180 Resp: 4238
Ion Ratio Lower Upper
180 100
182 84.5 48.3 144.9
145 1828.8 14.5 43.5#



#95
Naphthalene
Concen: 63.043 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070877.D
Acq: 1 Feb 2022 17:46

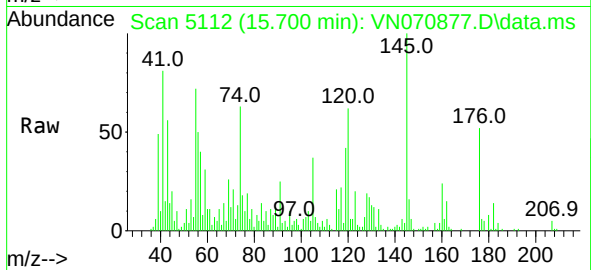
Tgt Ion:128 Resp: 2669323
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 13.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.535 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN070877.D
 Acq: 1 Feb 2022 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 31526



Tgt Ion:180 Resp: 4804
 Ion Ratio Lower Upper
 180 100
 182 285.9 47.4 142.2#
 145 0.0 15.0 45.1#

