

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069784.D
 Acq On : 6 Dec 2021 15:27
 Operator : JC/MD
 Sample : M4932-01
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 07 03:48:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	1464586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2615001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2904933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1655415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	1047133	46.306	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.620%
35) Dibromofluoromethane	8.016	113	721161	44.027	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.060%
50) Toluene-d8	10.440	98	6410835	97.473	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	194.940%#
62) 4-Bromofluorobenzene	12.731	95	2248128	94.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	188.700%#

Target Compounds				Qvalue		
3) Chloromethane	2.290	50	4360	0.204	ug/l	91
11) Tert butyl alcohol	5.307	59	38015	8.894	ug/l #	71
14) Allyl chloride	5.079	41	433037	13.775	ug/l #	62
15) Acrylonitrile	5.559	53	16648	1.445	ug/l #	13
16) Acetone	4.317	43	19259	1.416	ug/l	92
18) Methyl Acetate	5.079	43	988893	24.084	ug/l #	51
20) Methylene Chloride	5.060	84	7258	0.401	ug/l #	21
25) 2-Butanone	7.300	43	36908	1.997	ug/l #	48
26) 2,2-Dichloropropane	7.117	77	21604	0.873	ug/l #	53
30) Chloroform	7.761	83	23133	0.720	ug/l #	20
31) Cyclohexane	8.075	56	5193868	165.043	ug/l #	78
36) 1,1-Dichloropropene	8.078	75	127708	5.130	ug/l #	64
37) Ethyl Acetate	7.300	43	36908	0.996	ug/l #	68
38) Carbon Tetrachloride	8.078	117	149676	6.131	ug/l #	15
39) Methylcyclohexane	9.636	83	290429	9.808	ug/l #	1
41) Methacrylonitrile	7.665	41	20640	1.187	ug/l #	44
42) 1,2-Dichloroethane	8.558	62	22683	0.738	ug/l #	1
43) Isopropyl Acetate	8.547	43	1264671	23.065	ug/l #	56
45) 1,2-Dichloropropane	9.456	63	409127	20.023	ug/l #	1
47) Bromodichloromethane	9.730	83	405692	15.989	ug/l #	38
48) Methyl methacrylate	9.636	41	2550482	99.675	ug/l #	70
51) 4-Methyl-2-Pentanone	10.438	43	2512911	70.647	ug/l #	42
52) Toluene	10.505	92	49362	1.063	ug/l #	1
53) t-1,3-Dichloropropene	10.743	75	2307	2.866	ug/l #	1
54) cis-1,3-Dichloropropene	10.199	75	1936	2.057	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	8651388	461.564	ug/l #	20
56) Ethyl methacrylate	10.741	69	2091302	58.716	ug/l #	57
58) 2-Chloroethyl Vinyl ether	10.011	63	15290	19.872	ug/l #	49
59) 2-Hexanone	11.052	43	11526283	428.367	ug/l #	29
60) Dibromochloromethane	11.154	129	14210	3.050	ug/l	73
61) 1,2-Dibromoethane	11.347	107	6886	0.355	ug/l #	1
65) Chlorobenzene	11.671	112	75095	1.274	ug/l #	46
67) Ethyl Benzene	11.846	91	1267252	11.838	ug/l	94
68) m/p-Xylenes	11.961	106	2611879	67.010	ug/l	85
69) o-Xylene	12.283	106	6146700	156.560	ug/l	91
70) Styrene	12.283	104	336570	5.406	ug/l #	1

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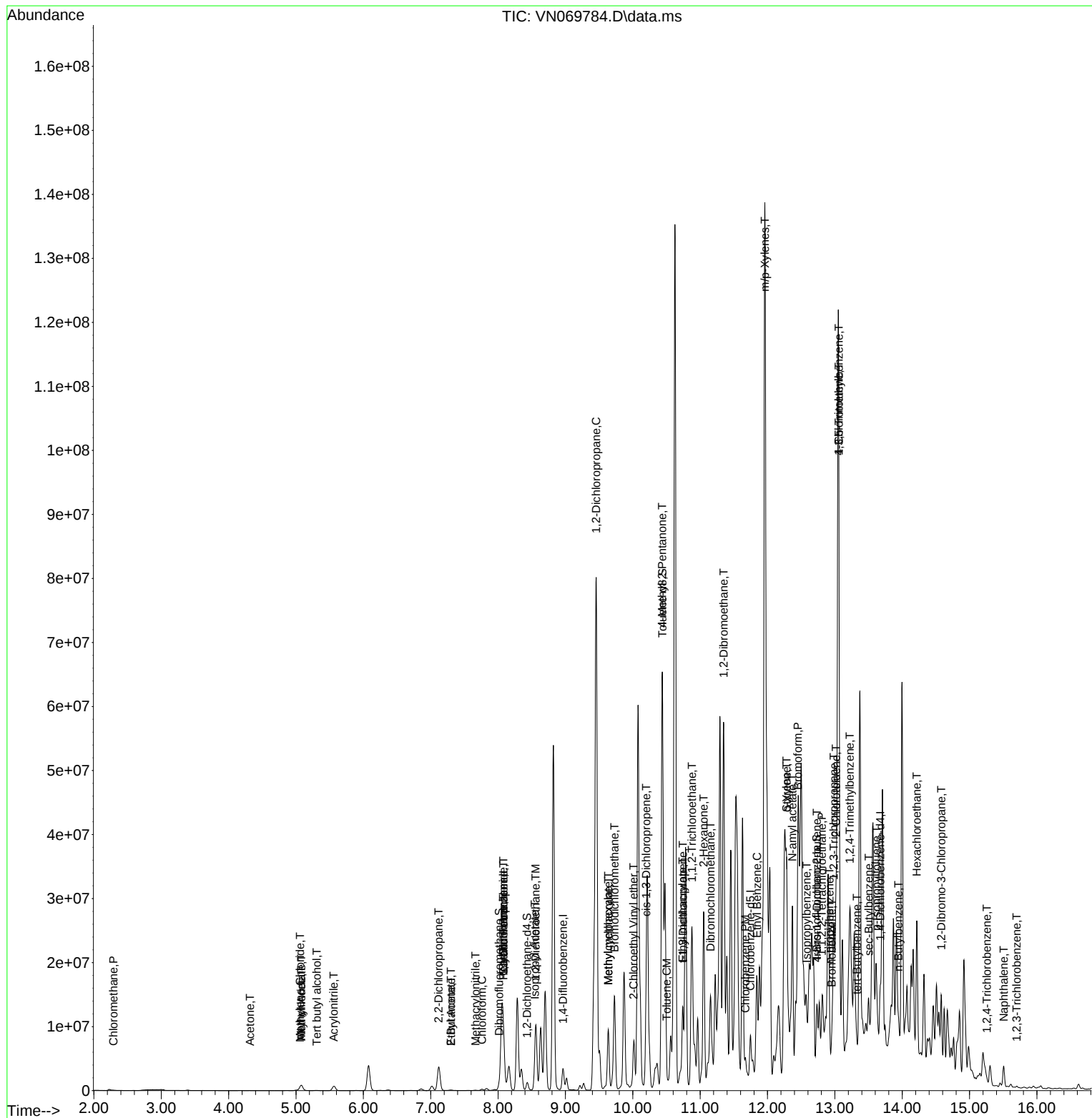
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Bromoform	12.449	173	4045	2.946	ug/l #	29
73) Isopropylbenzene	12.581	105	1357888	9.219	ug/l	93
74) N-amyl acetate	12.369	43	5689836	87.354	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.809	83	298716	5.865	ug/l #	25
76) 1,2,3-Trichloropropane	12.986	75	70678	1.489	ug/l #	1
77) Bromobenzene	12.953	156	138408	4.001	ug/l #	1
78) n-propylbenzene	12.921	91	2628281	16.036	ug/l	93
79) 2-Chlorotoluene	13.018	91	1165778	11.257	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.061	105	5298863	44.698	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.733	75	850899	57.958	ug/l #	16
82) 4-Chlorotoluene	13.061	91	690541	7.090	ug/l #	54
83) tert-Butylbenzene	13.326	119	186392	1.776	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.222	105	12696511	112.458	ug/l	77
85) sec-Butylbenzene	13.503	105	2158190	15.158	ug/l #	78
86) p-Isopropyltoluene	13.619	119	5139054	46.175	ug/l	96
89) n-Butylbenzene	13.943	91	2222196	24.614	ug/l #	67
90) Hexachloroethane	14.217	117	1020063	52.204	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.579	75	47668	5.179	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.257	180	1571	2.932	ug/l #	1
95) Naphthalene	15.507	128	2918909	37.190	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	3895	2.576	ug/l #	40

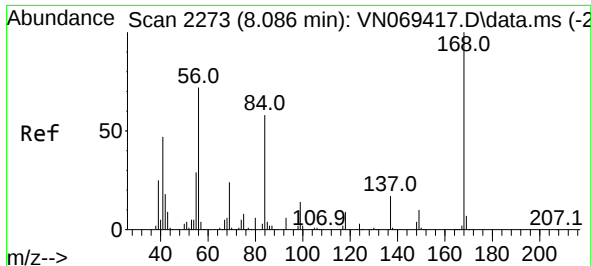
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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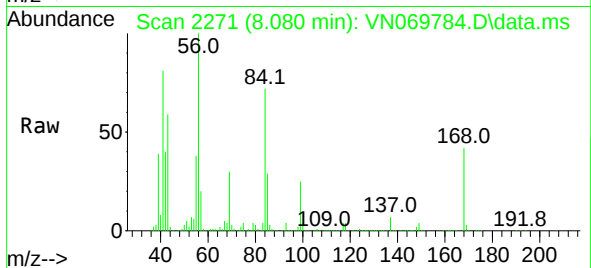
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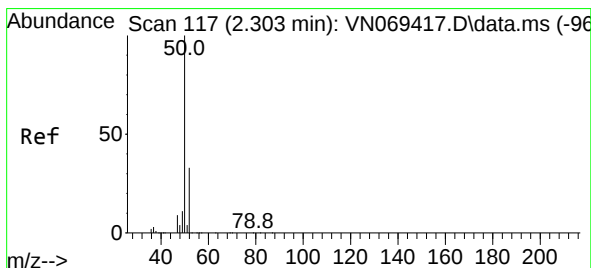
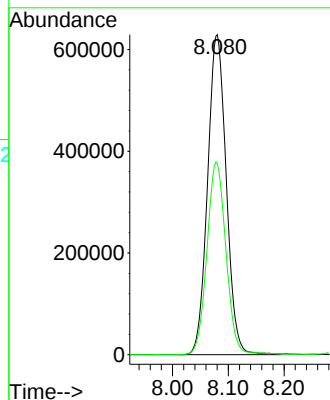
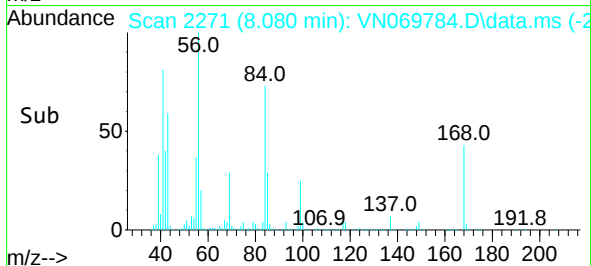


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

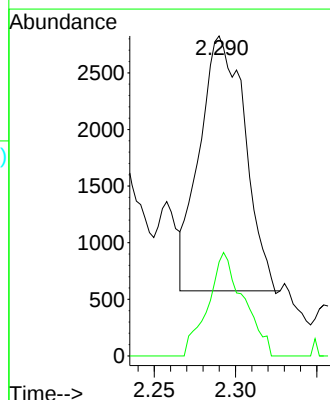
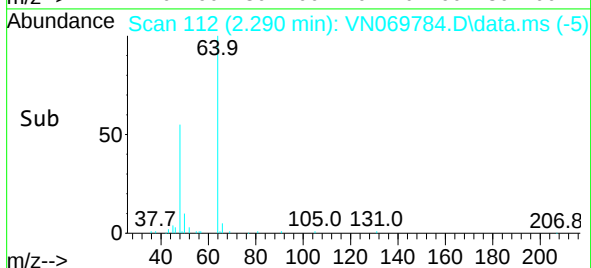
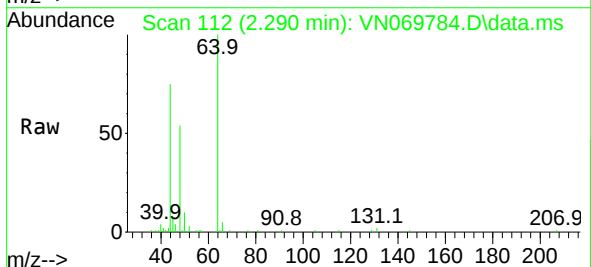


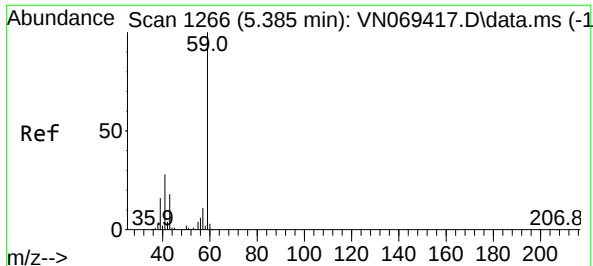
Tgt Ion:168 Resp: 1464586
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9



#3
Chloromethane
Concen: 0.204 ug/l
RT: 2.290 min Scan# 112
Delta R.T. -0.013 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

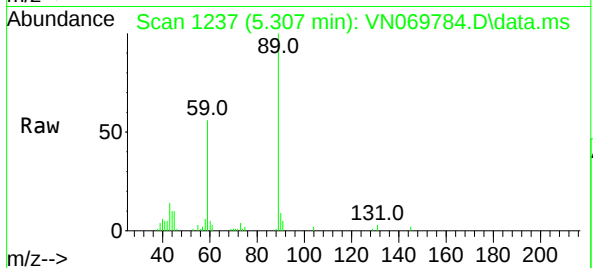
Tgt Ion: 50 Resp: 4360
Ion Ratio Lower Upper
50 100
52 36.9 25.4 38.0



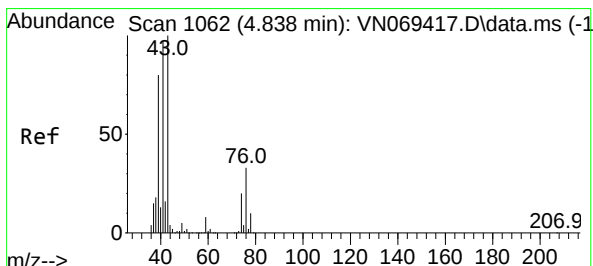
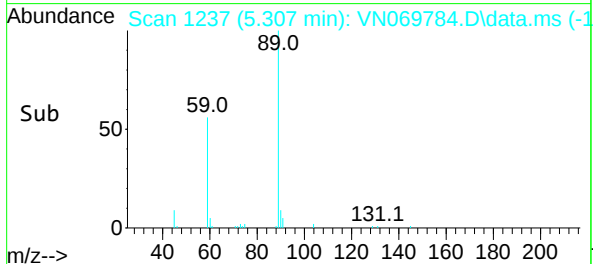
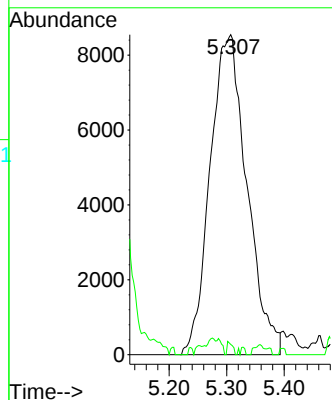


#11
Tert butyl alcohol
Concen: 8.894 ug/l
RT: 5.307 min Scan# 1152
Delta R.T. -0.083 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

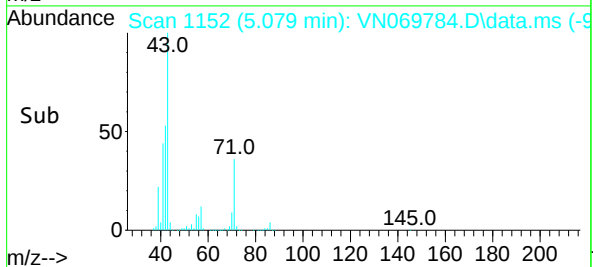
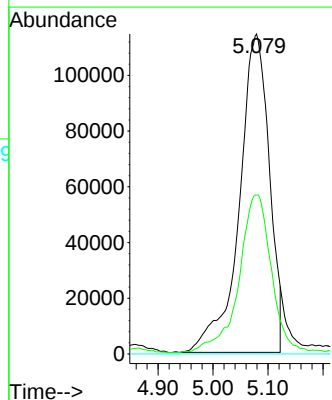
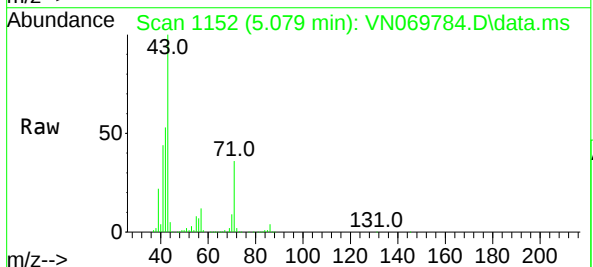


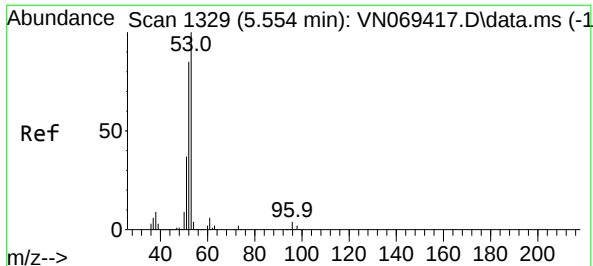
Tgt Ion: 59 Resp: 38015
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#14
Allyl chloride
Concen: 13.775 ug/l
RT: 5.079 min Scan# 1152
Delta R.T. 0.241 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 41 Resp: 433037
Ion Ratio Lower Upper
41 100
39 50.9 61.2 91.8#
76 0.0 26.0 39.0#

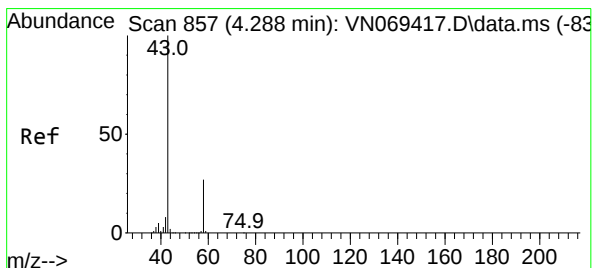
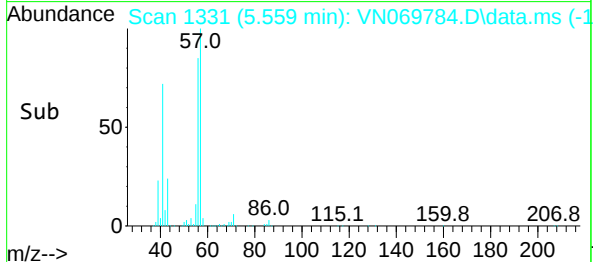
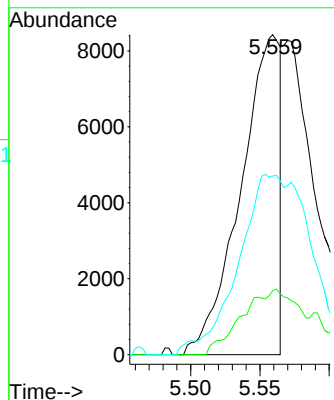
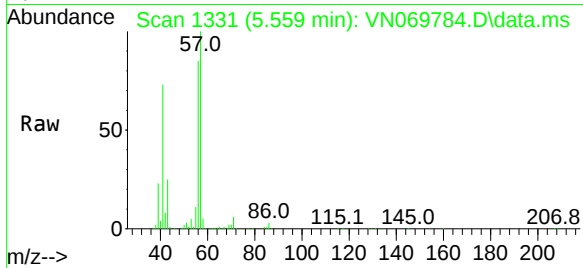




#15
Acrylonitrile
Concen: 1.445 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

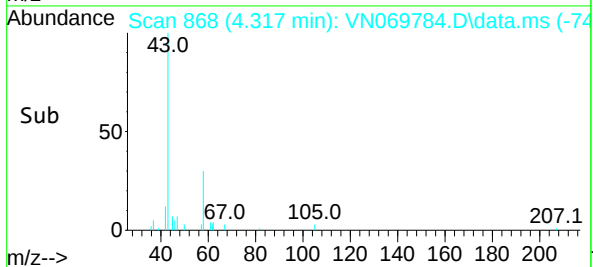
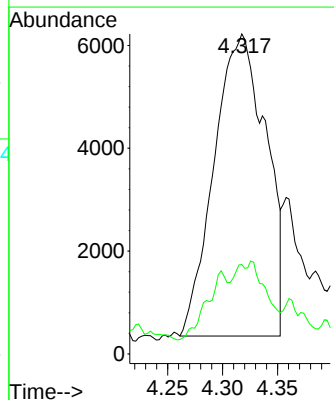
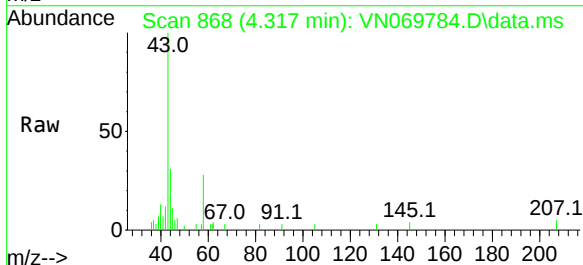
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MSVOA_N
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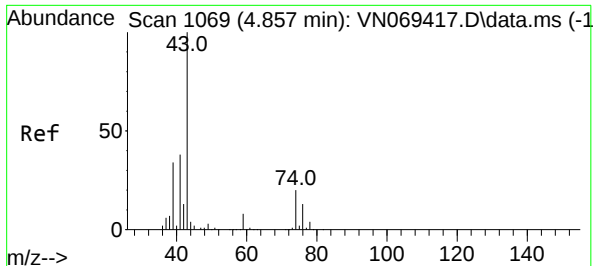
Tgt Ion: 53 Resp: 16648
Ion Ratio Lower Upper
53 100
52 13.7 66.2 99.2#
51 102.8 29.6 44.4#



#16
Acetone
Concen: 1.416 ug/l
RT: 4.317 min Scan# 868
Delta R.T. 0.027 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 43 Resp: 19259
Ion Ratio Lower Upper
43 100
58 24.8 23.1 34.7





#18

Methyl Acetate

Concen: 24.084 ug/l

RT: 5.079 min Scan# 1152

Delta R.T. 0.223 min

Lab File: VN069784.D

Acq: 6 Dec 2021 15:27

Instrument :

MSVOA_N

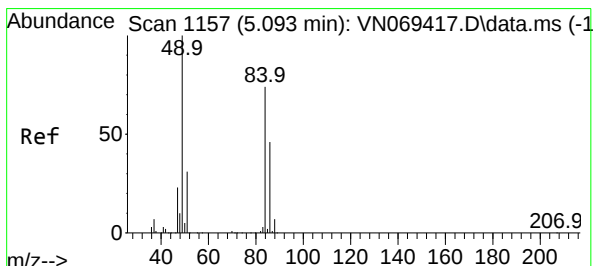
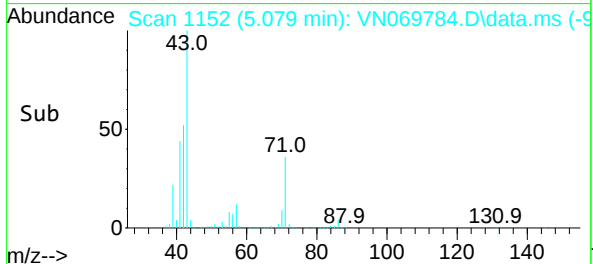
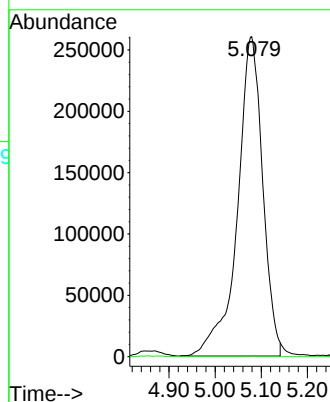
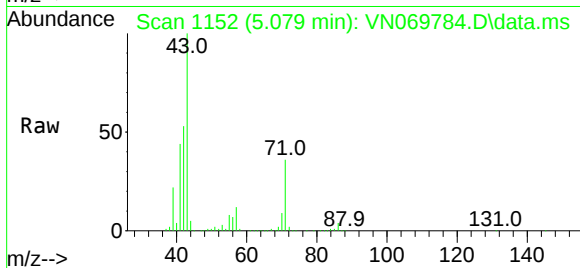
ClientSampleId :

Tgt Ion: 43 Resp: 988893

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#20

Methylene Chloride

Concen: 0.401 ug/l

RT: 5.060 min Scan# 1145

Delta R.T. -0.032 min

Lab File: VN069784.D

Acq: 6 Dec 2021 15:27

Tgt Ion: 84 Resp: 7258

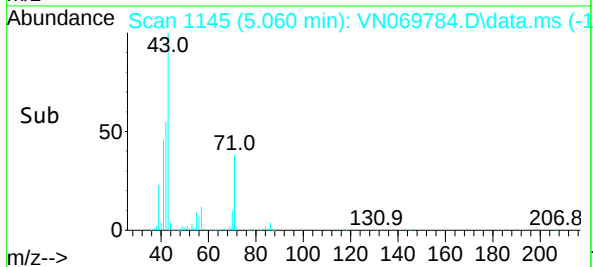
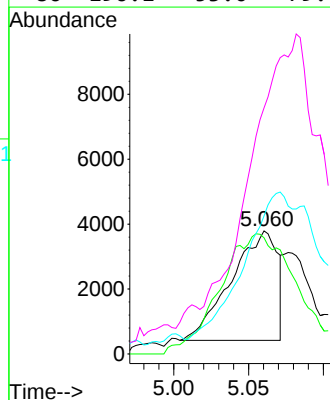
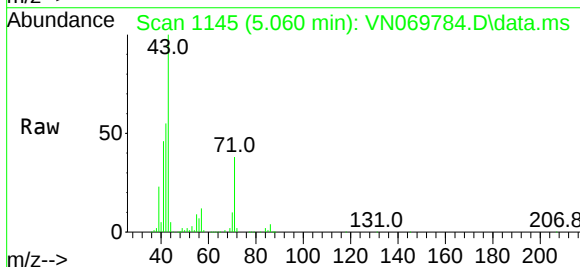
Ion Ratio Lower Upper

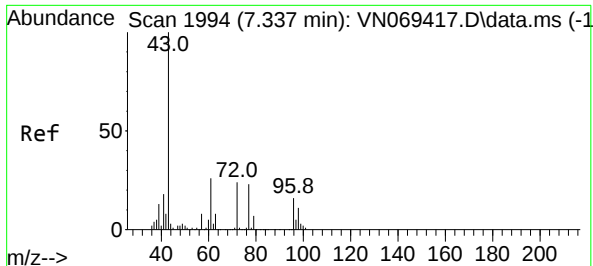
84 100

49 97.6 93.5 140.3

51 109.7 29.4 44.2#

86 196.1 53.0 79.4#





#25

2-Butanone

Concen: 1.997 ug/l

RT: 7.300 min Scan# 1912

Delta R.T. -0.037 min

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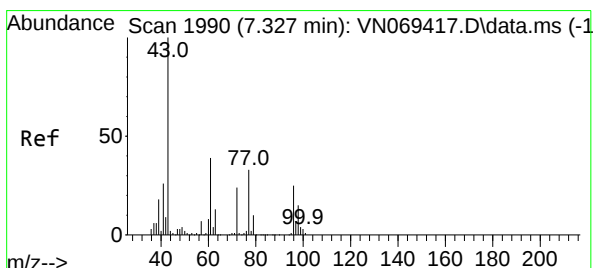
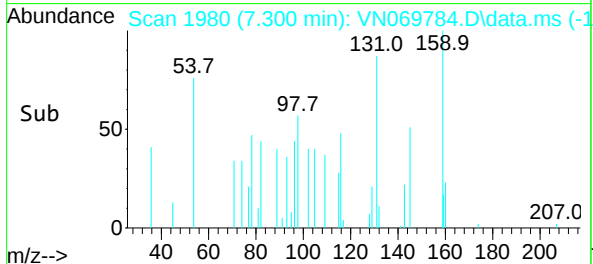
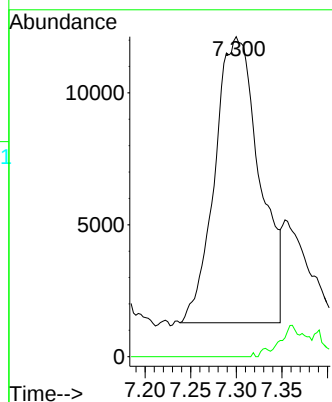
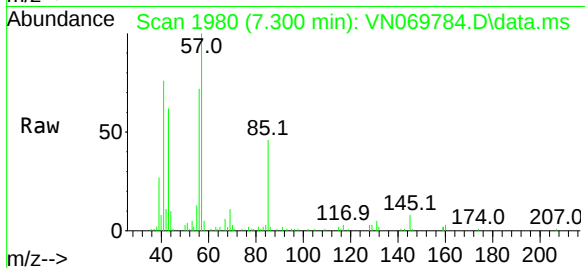
ClientSampleId :

Tgt Ion: 43 Resp: 36908

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 0.873 ug/l

RT: 7.117 min Scan# 1912

Delta R.T. -0.209 min

Lab File: VN069784.D

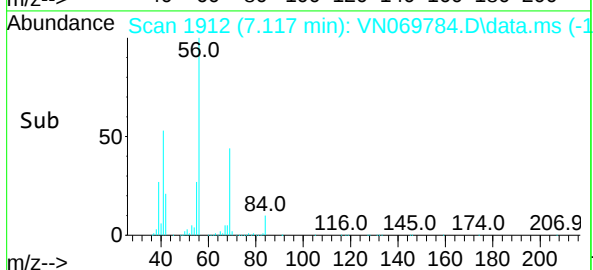
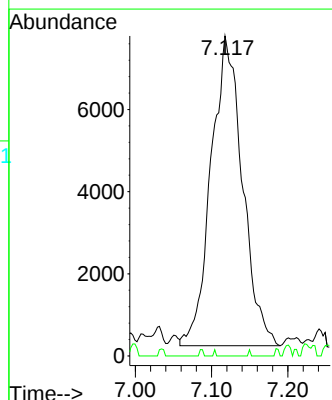
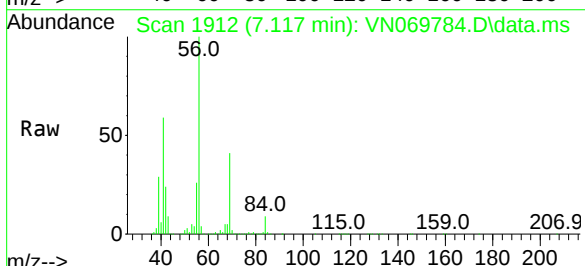
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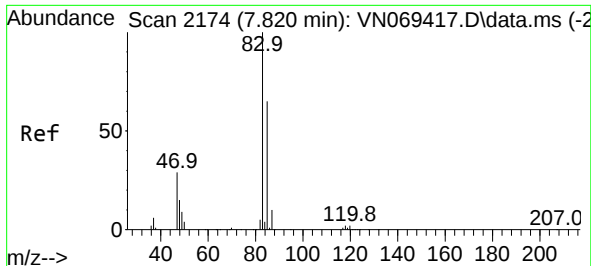
Tgt Ion: 77 Resp: 21604

Ion Ratio Lower Upper

77 100

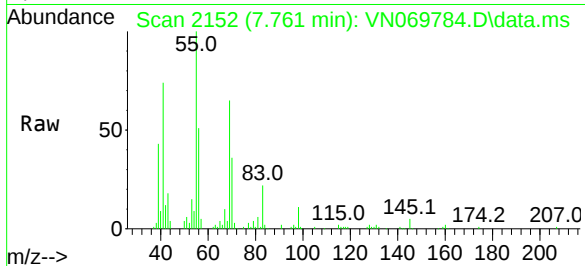
97 0.1 11.6 34.8#



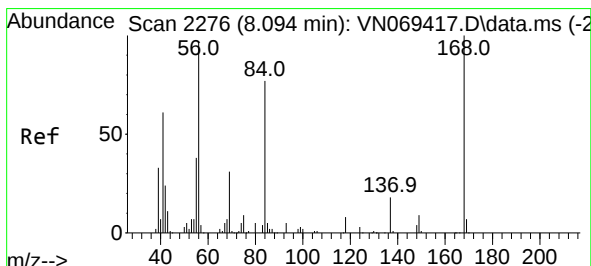
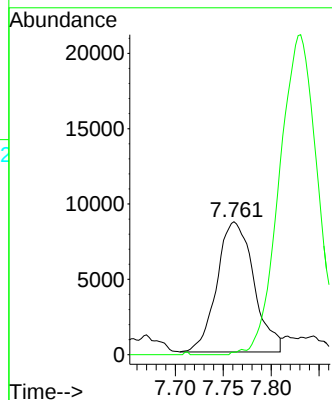
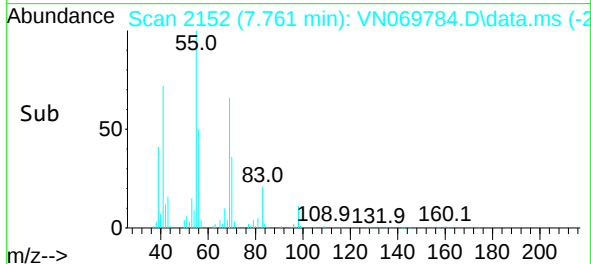


#30
Chloroform
Concen: 0.720 ug/l
RT: 7.761 min Scan# 2152
Delta R.T. -0.059 min
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Acq: 6 Dec 2021 15:27

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ClientSampleId :

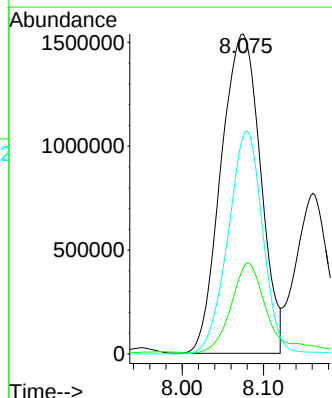
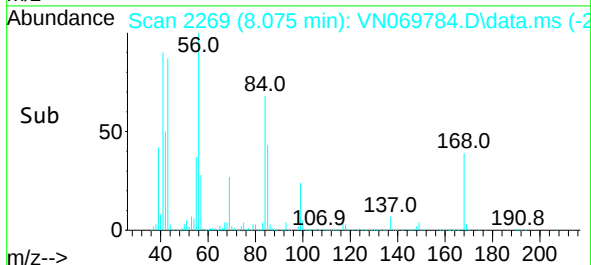
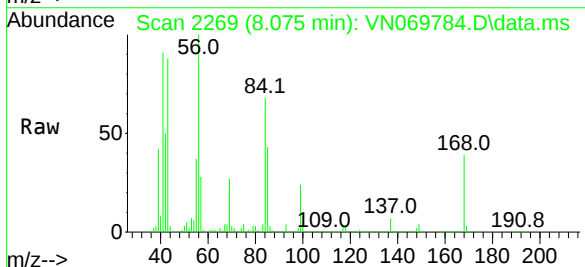


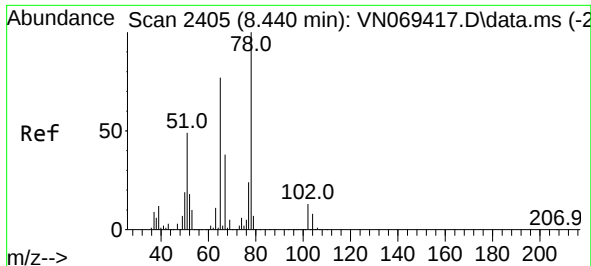
Tgt Ion: 83 Resp: 23133
Ion Ratio Lower Upper
83 100
85 1.9 51.9 77.9#



#31
Cyclohexane
Concen: 165.043 ug/l
RT: 8.075 min Scan# 2269
Delta R.T. -0.019 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 56 Resp: 5193868
Ion Ratio Lower Upper
56 100
69 26.3 27.1 40.7#
84 68.1 73.4 110.0#

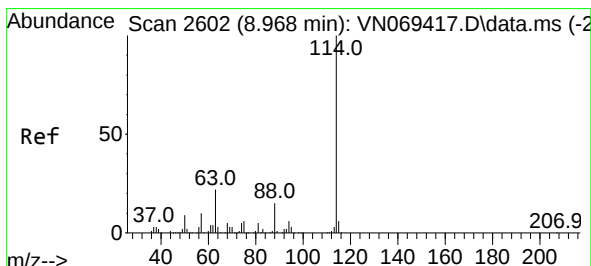
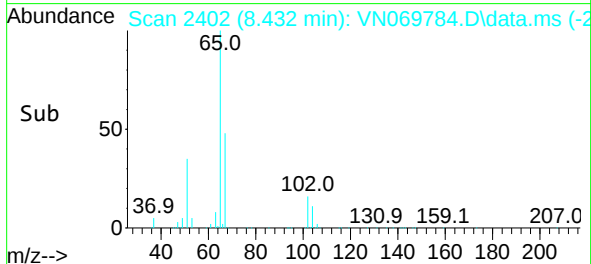
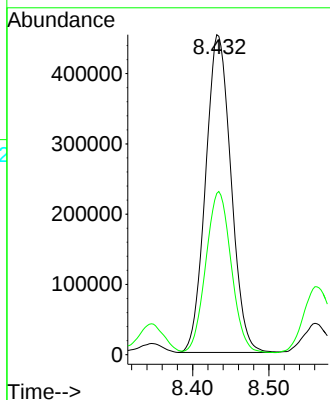
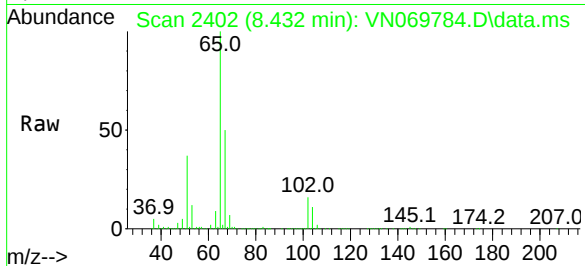




#33
 1,2-Dichloroethane-d4
 Concen: 46.306 ug/l
 RT: 8.432 min Scan# 24
 Delta R.T. -0.005 min
 Lab File: VN069784.D
 Acq: 6 Dec 2021 15:27

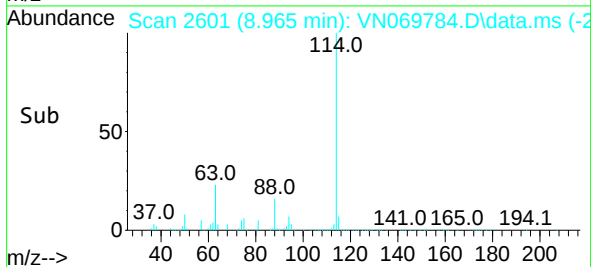
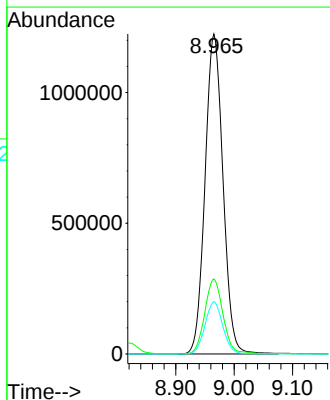
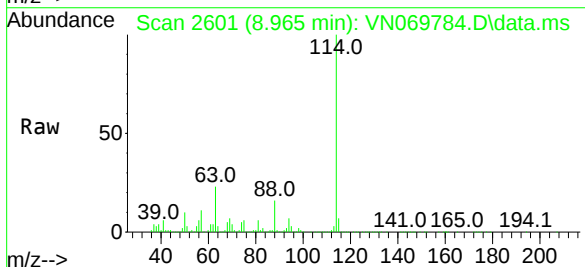
Instrument :
 MSVOA_N
 ClientSampleId :

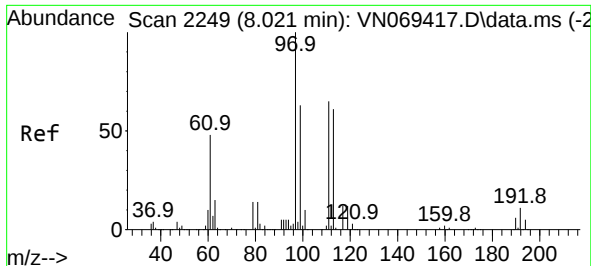
Tgt Ion: 65 Resp: 1047133
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. -0.003 min
 Lab File: VN069784.D
 Acq: 6 Dec 2021 15:27

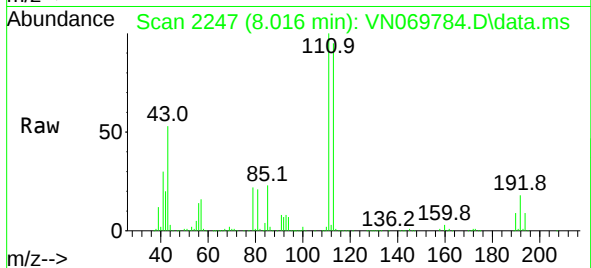
Tgt Ion: 114 Resp: 2615001
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 16.4 0.0 27.4



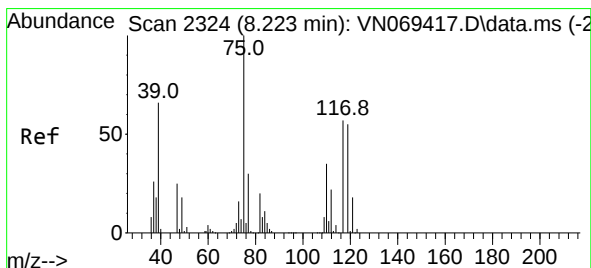
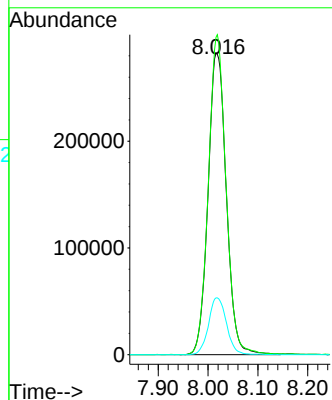
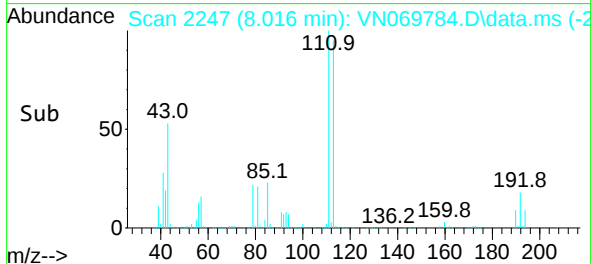


#35
Dibromofluoromethane
Concen: 44.027 ug/l
RT: 8.016 min Scan# 2113
Delta R.T. -0.008 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

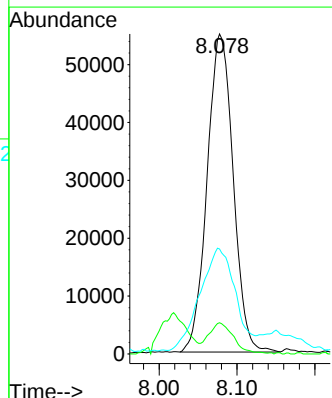
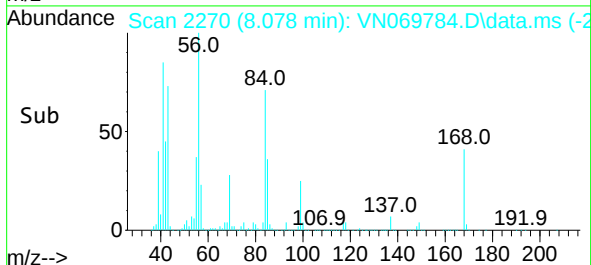
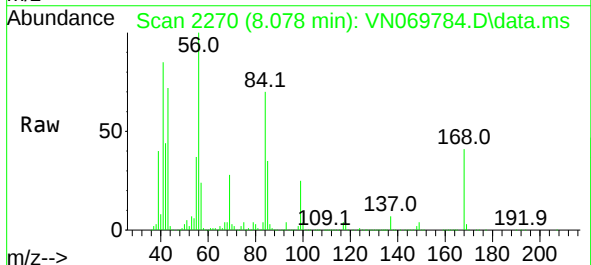


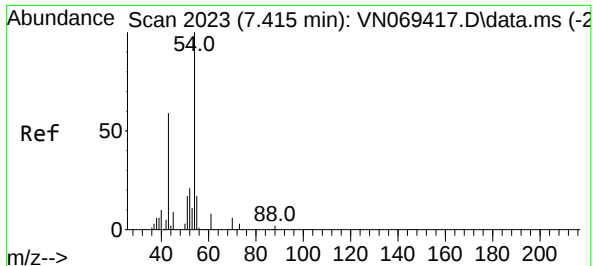
Tgt Ion:113 Resp: 721161
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.145 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 75 Resp: 127708
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 43.5 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.996 ug/l

RT: 7.300 min Scan# 11

Delta R.T. -0.115 min

Lab File: VN069784.D

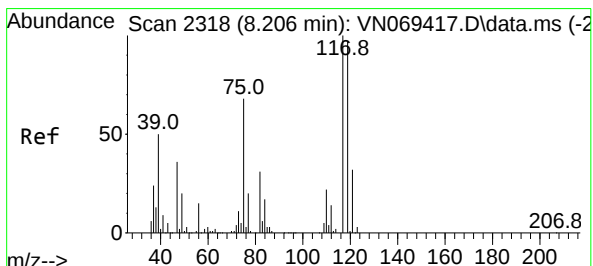
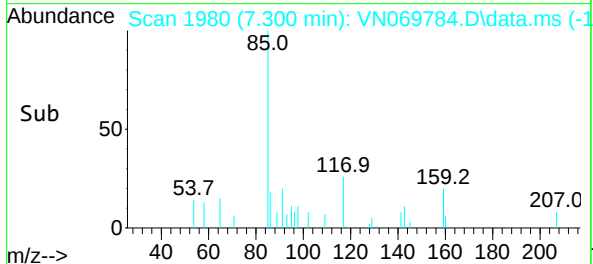
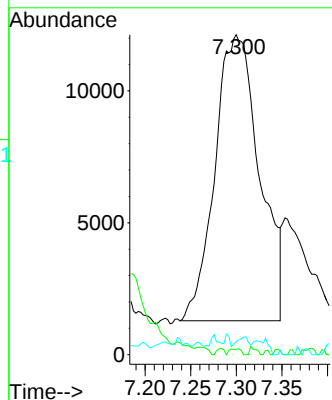
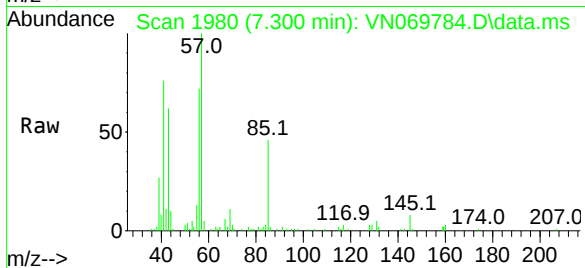
Acq: 6 Dec 2021 15:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	36908
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 6.131 ug/l

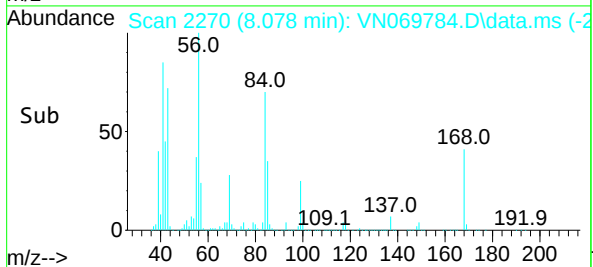
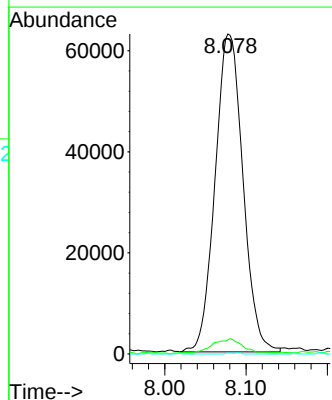
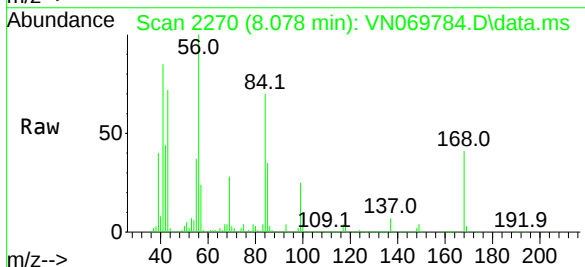
RT: 8.078 min Scan# 2270

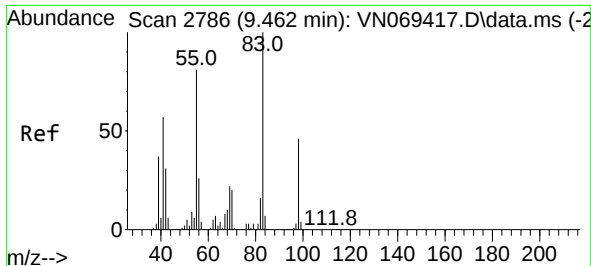
Delta R.T. -0.129 min

Lab File: VN069784.D

Acq: 6 Dec 2021 15:27

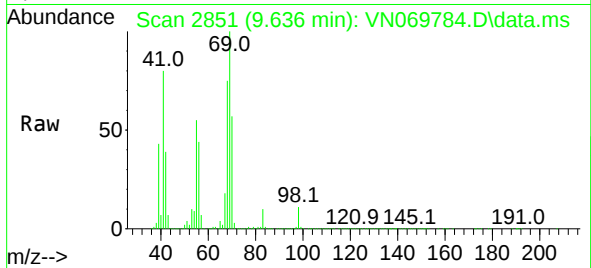
Tgt Ion:	117	Resp:	149676
Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.1	114.1#
121	0.3	24.2	36.2#



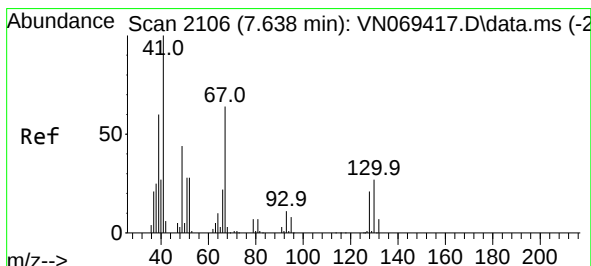
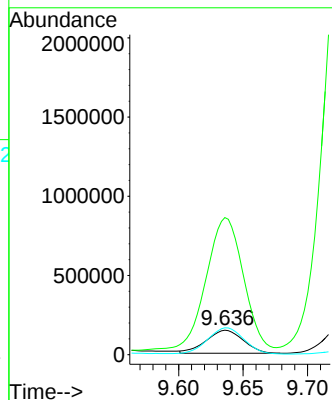
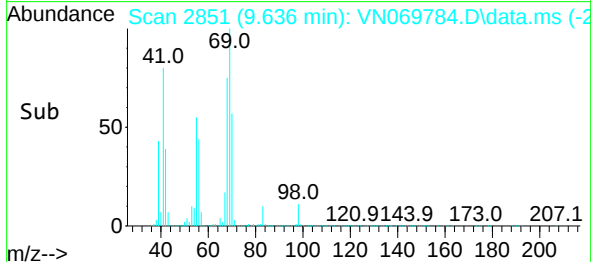


#39
Methylcyclohexane
Concen: 9.808 ug/l
RT: 9.636 min Scan# 2116
Delta R.T. 0.174 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

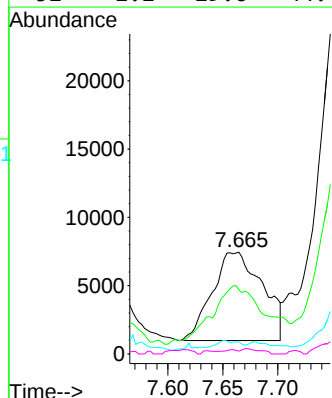
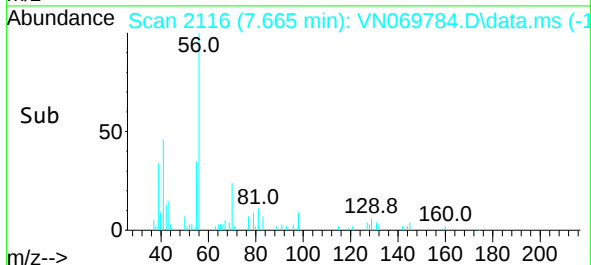
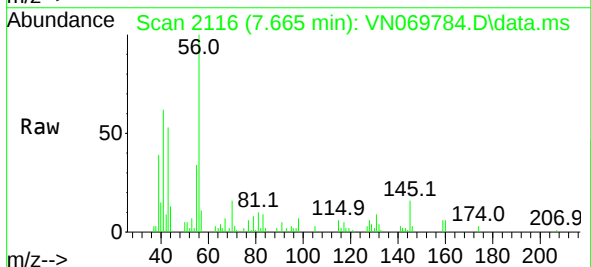


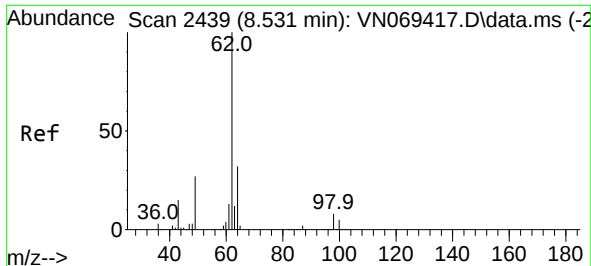
Tgt Ion: 83 Resp: 290429
Ion Ratio Lower Upper
83 100
55 563.0 58.1 87.1#
98 113.7 38.4 57.6#



#41
Methacrylonitrile
Concen: 1.187 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.025 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 41 Resp: 20640
Ion Ratio Lower Upper
41 100
39 62.6 48.1 72.1
67 1.3 68.3 102.5#
52 2.2 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 0.738 ug/l

RT: 8.558 min Scan# 2449

Delta R.T. 0.027 min

Lab File: VN069784.D

Acq: 6 Dec 2021 15:27

Instrument :

MSVOA_N

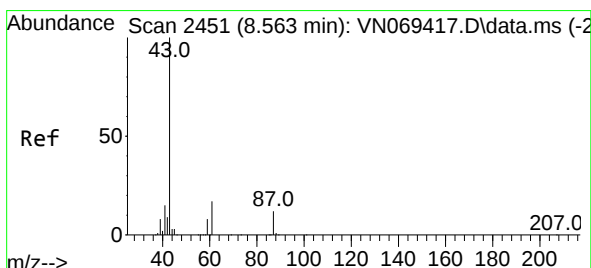
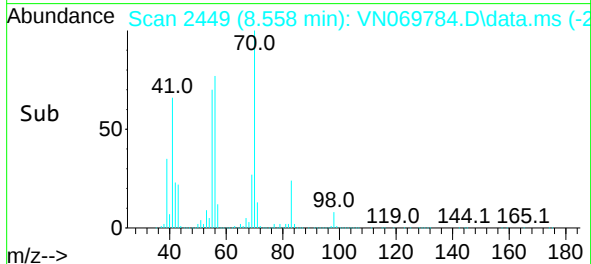
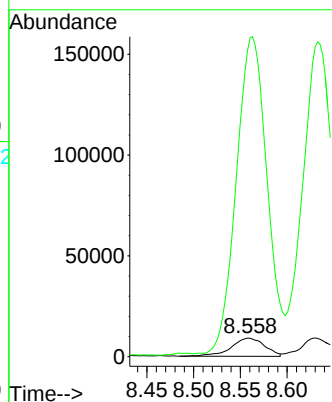
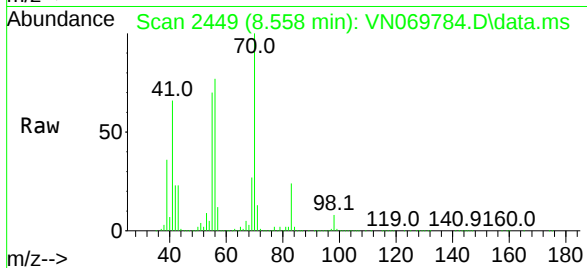
ClientSampleId :

Tgt Ion: 62 Resp: 22683

Ion Ratio Lower Upper

62 100

98 1573.7 0.0 17.6#



#43

Isopropyl Acetate

Concen: 23.065 ug/l

RT: 8.547 min Scan# 2445

Delta R.T. -0.016 min

Lab File: VN069784.D

Acq: 6 Dec 2021 15:27

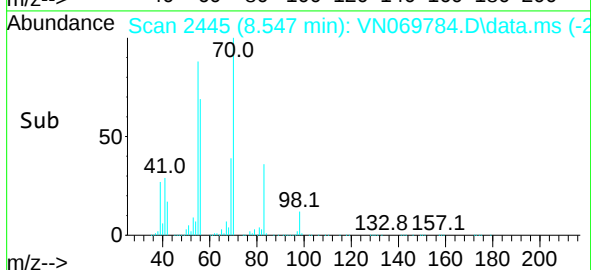
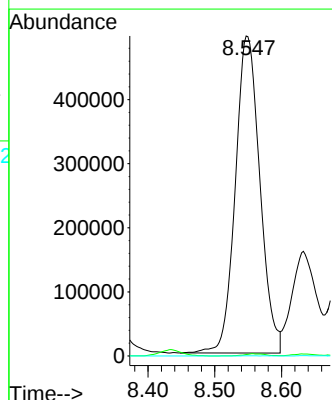
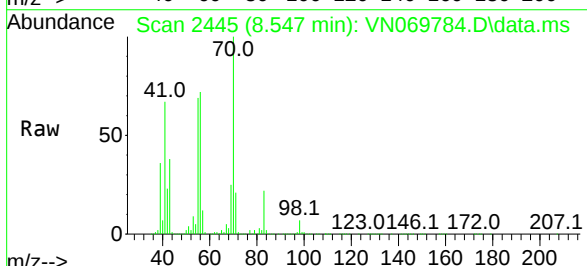
Tgt Ion: 43 Resp: 1264671

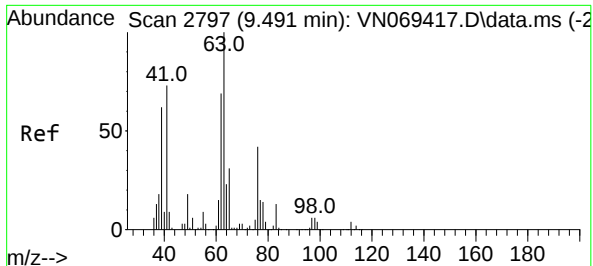
Ion Ratio Lower Upper

43 100

61 0.6 20.4 30.6#

87 0.0 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 20.023 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.035 min

Lab File: VN069784.D

Acq: 6 Dec 2021 15:27

Instrument :

MSVOA_N

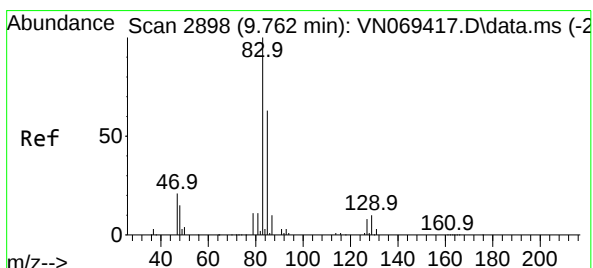
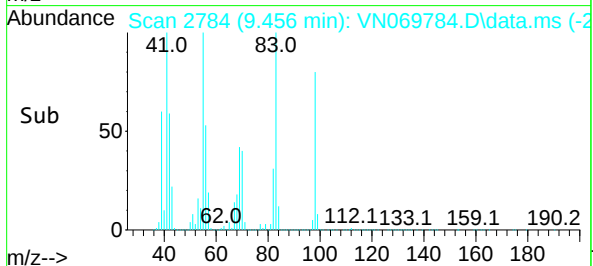
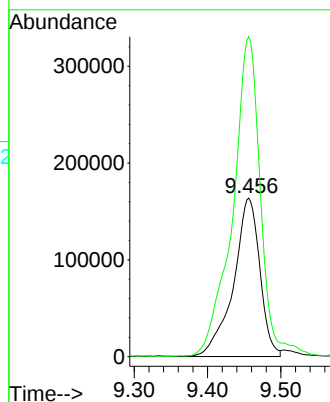
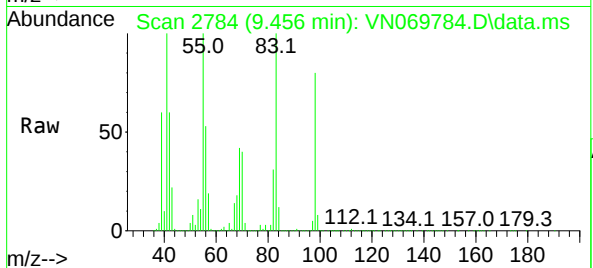
ClientSampleId :

Tgt Ion: 63 Resp: 409127

Ion Ratio Lower Upper

63 100

65 201.7 24.7 37.1#



#47

Bromodichloromethane

Concen: 15.989 ug/l

RT: 9.730 min Scan# 2886

Delta R.T. -0.032 min

Lab File: VN069784.D

Acq: 6 Dec 2021 15:27

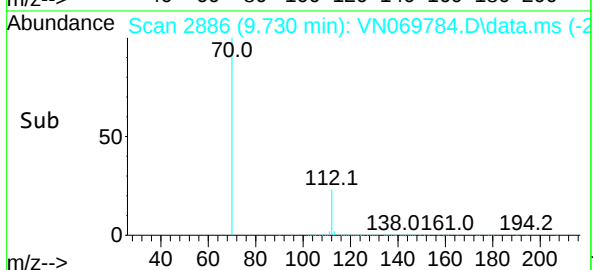
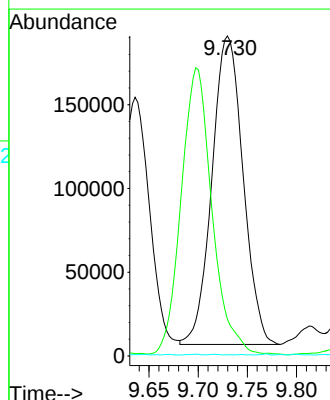
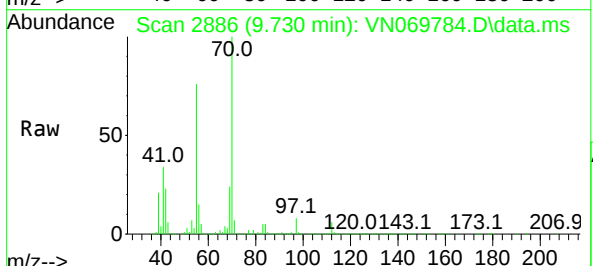
Tgt Ion: 83 Resp: 405692

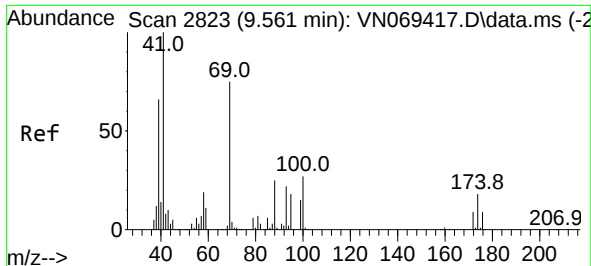
Ion Ratio Lower Upper

83 100

85 11.3 50.9 76.3#

127 0.1 7.1 10.7#

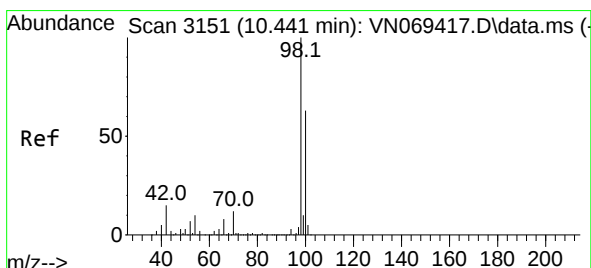
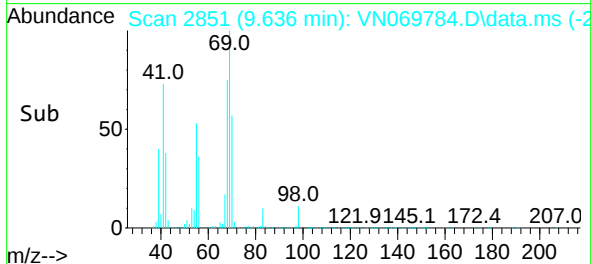
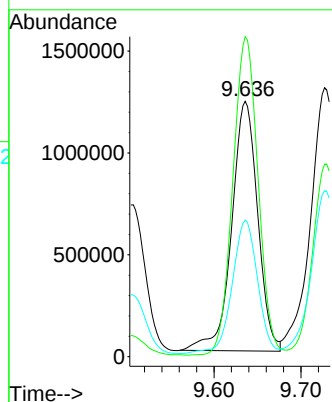
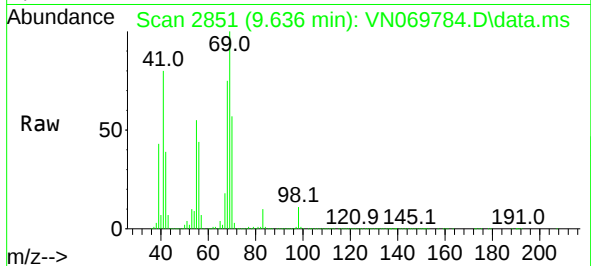




#48
Methyl methacrylate
Concen: 99.675 ug/l
RT: 9.636 min Scan# 21
Delta R.T. 0.075 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

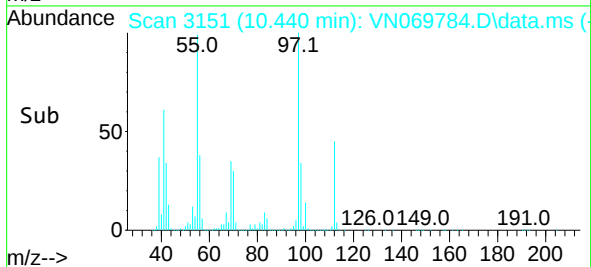
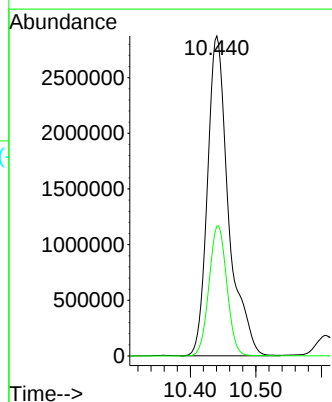
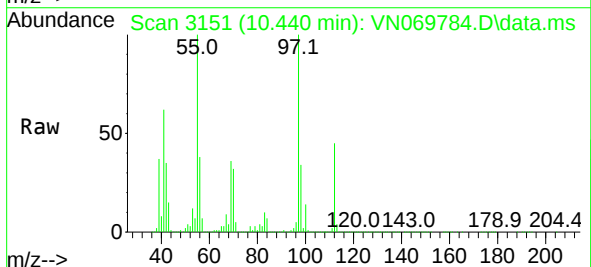
Instrument :
MSVOA_N
ClientSampleId :

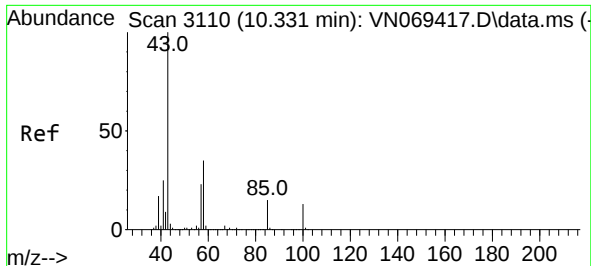
Tgt Ion: 41 Resp: 2550482
Ion Ratio Lower Upper
41 100
69 123.0 72.4 108.6#
39 51.8 58.4 87.6#



#50
Toluene-d8
Concen: 97.473 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 98 Resp: 6410835
Ion Ratio Lower Upper
98 100
100 34.6 50.4 75.6#

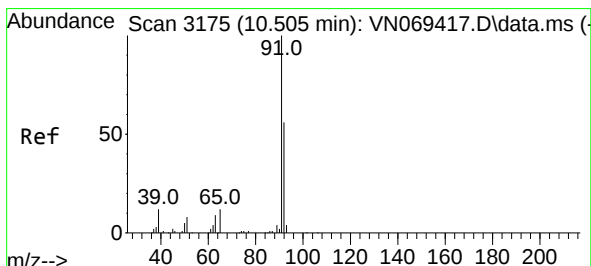
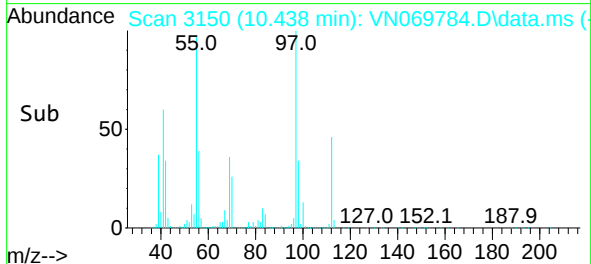
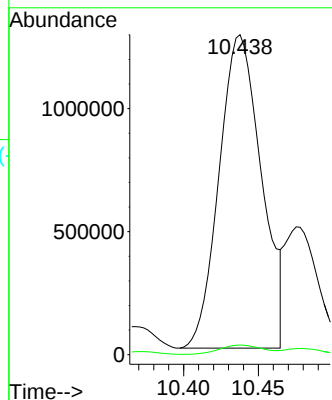
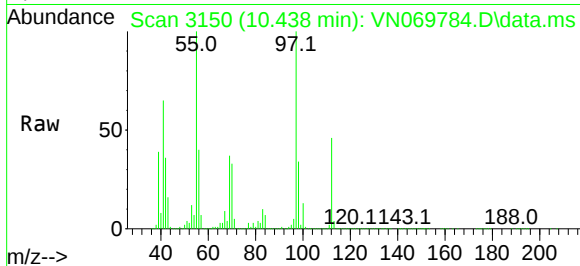




#51
4-Methyl-2-Pentanone
Concen: 70.647 ug/l
RT: 10.438 min Scan# 3110
Delta R.T. 0.105 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

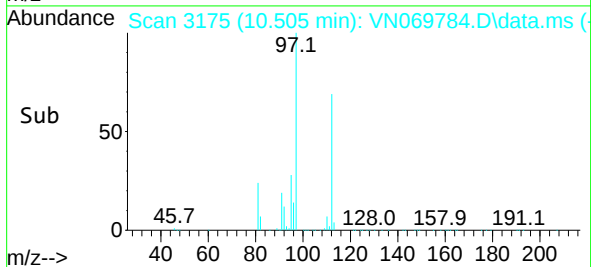
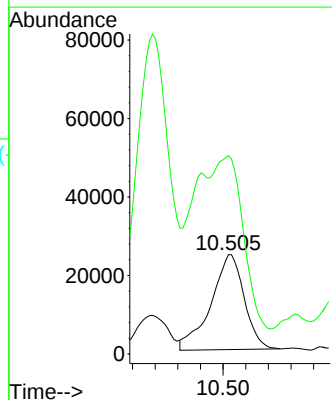
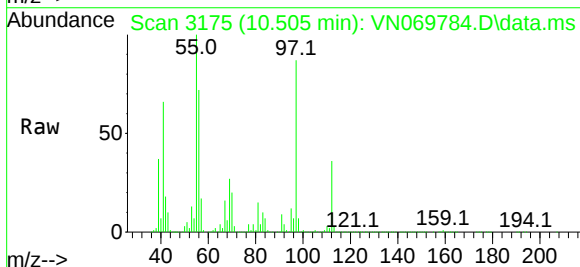
Instrument :
MSVOA_N
ClientSampleId :

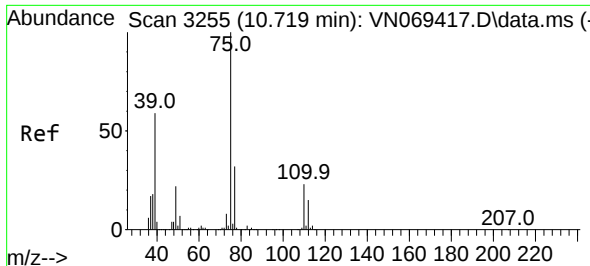
Tgt Ion: 43 Resp: 2512911
Ion Ratio Lower Upper
43 100
58 3.0 30.4 45.6#



#52
Toluene
Concen: 1.063 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 92 Resp: 49362
Ion Ratio Lower Upper
92 100
91 0.0 142.0 213.0#

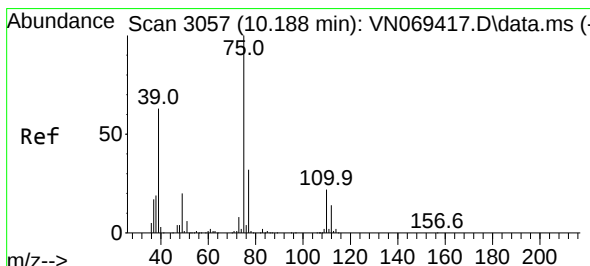
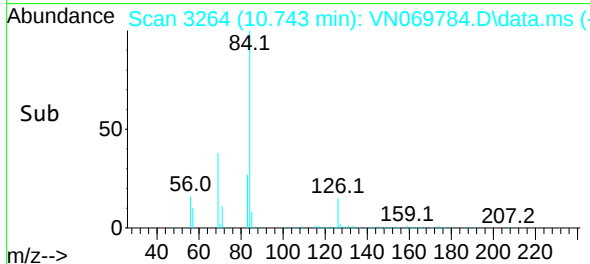
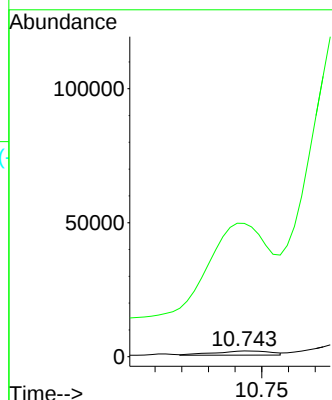
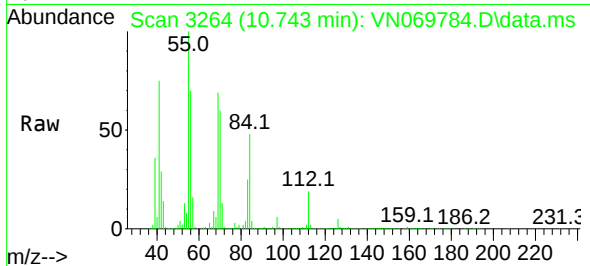




#53
t-1,3-Dichloropropene
Concen: 2.866 ug/l
RT: 10.743 min Scan# 31
Delta R.T. 0.024 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

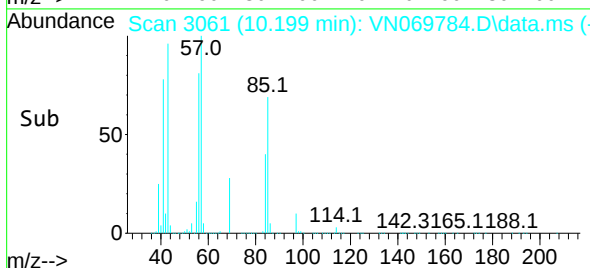
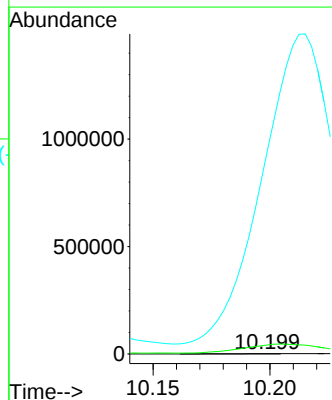
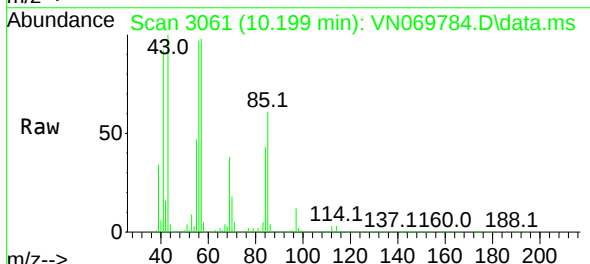
Instrument :
MSVOA_N
ClientSampleId :

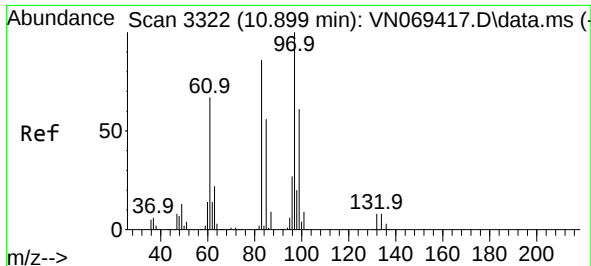
Tgt Ion: 75 Resp: 2307
Ion Ratio Lower Upper
75 100
77 2202.8 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 2.057 ug/l
RT: 10.199 min Scan# 3061
Delta R.T. 0.008 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

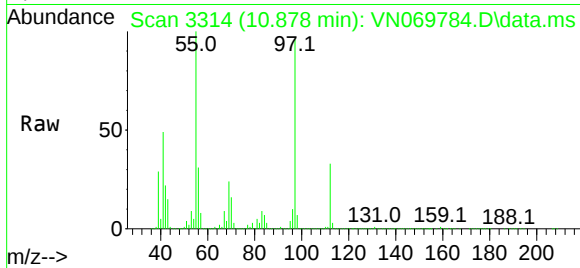
Tgt Ion: 75 Resp: 1936
Ion Ratio Lower Upper
75 100
77 2579.8 26.4 39.6#
39 62003.6 42.5 63.7#



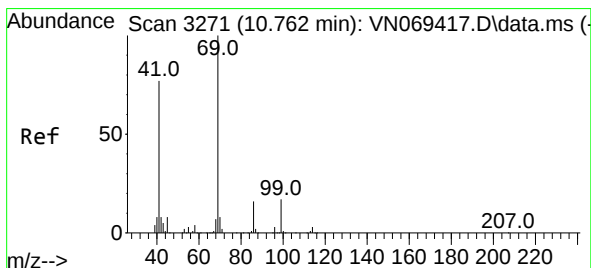
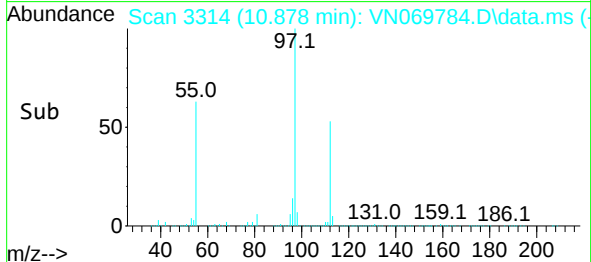
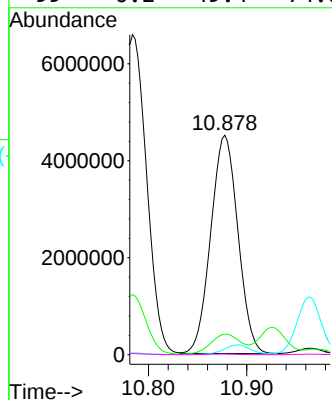


#55
1,1,2-Trichloroethane
Concen: 461.564 ug/l
RT: 10.878 min Scan# 31
Delta R.T. -0.021 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

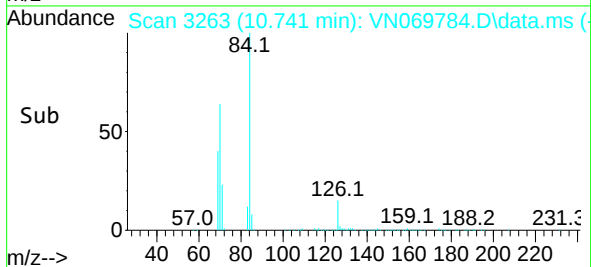
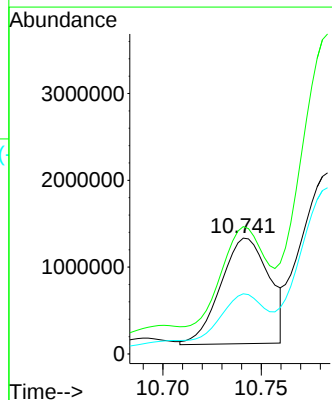
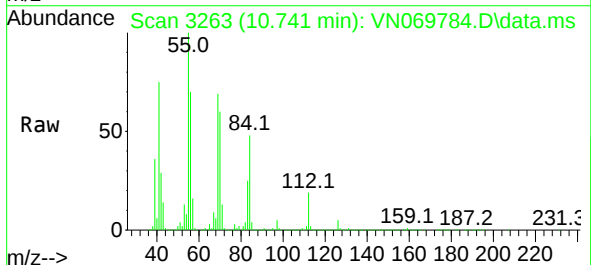


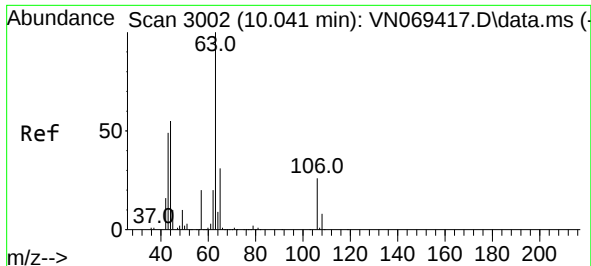
Tgt Ion: 97 Resp: 8651388
Ion Ratio Lower Upper
97 100
83 9.1 67.8 101.6#
85 2.6 45.4 68.2#
99 0.2 49.4 74.0#



#56
Ethyl methacrylate
Concen: 58.716 ug/l
RT: 10.741 min Scan# 3263
Delta R.T. -0.021 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 69 Resp: 2091302
Ion Ratio Lower Upper
69 100
41 106.7 51.4 77.0#
39 59.7 34.6 52.0#

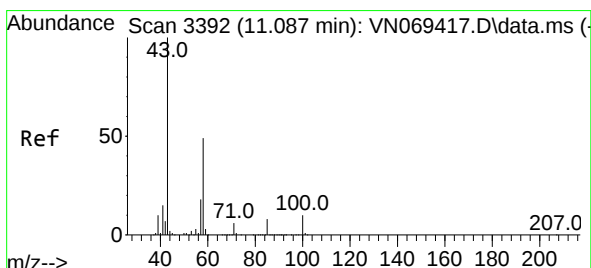
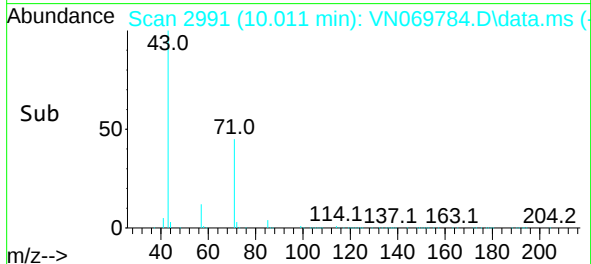
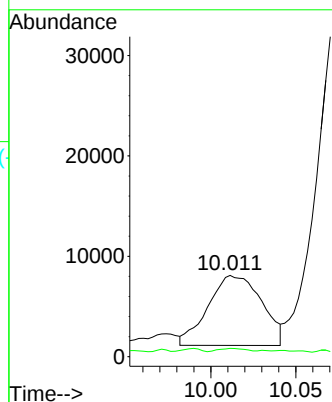
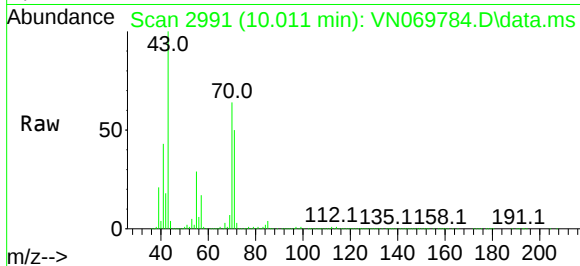




#58
2-Chloroethyl Vinyl ether
Concen: 19.872 ug/l
RT: 10.011 min Scan# 2991
Delta R.T. -0.032 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

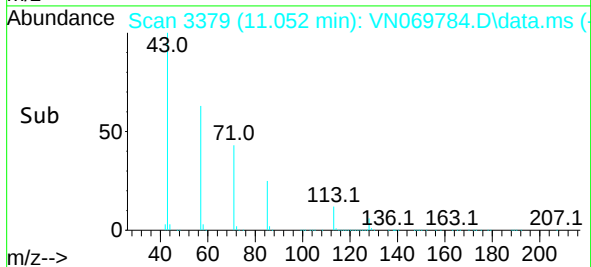
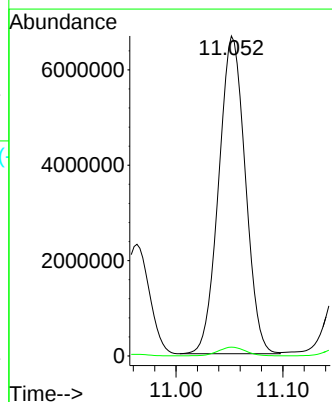
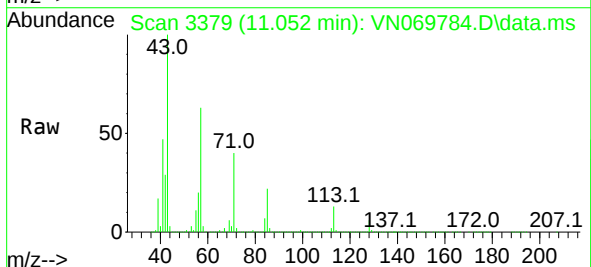
Instrument :
MSVOA_N
ClientSampleId :

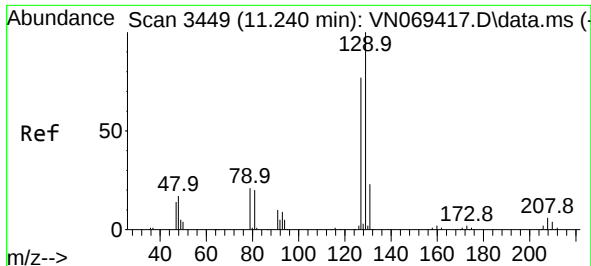
Tgt Ion: 63 Resp: 15290
Ion Ratio Lower Upper
63 100
106 2.4 23.9 35.9#



#59
2-Hexanone
Concen: 428.367 ug/l
RT: 11.052 min Scan# 3379
Delta R.T. -0.035 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 43 Resp:11526283
Ion Ratio Lower Upper
43 100
58 2.9 26.9 80.7#

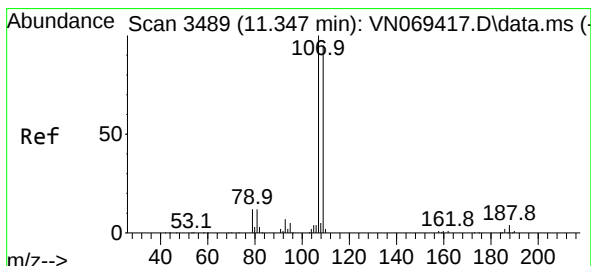
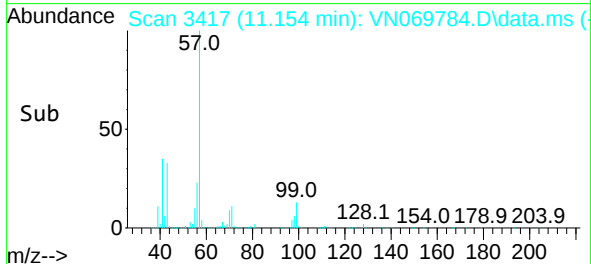
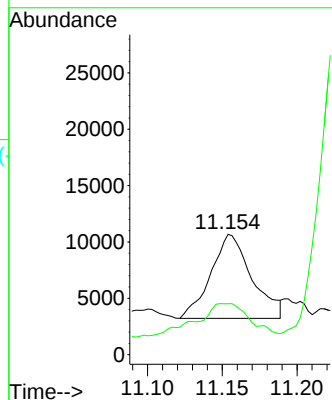
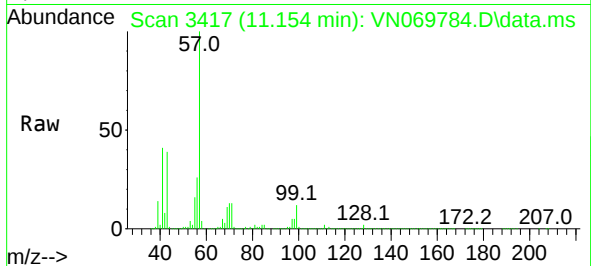




#60
Dibromochloromethane
Concen: 3.050 ug/l
RT: 11.154 min Scan# 3449
Delta R.T. -0.086 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

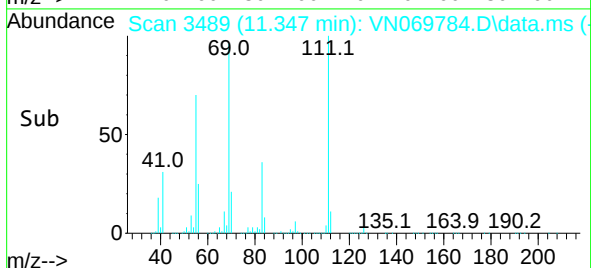
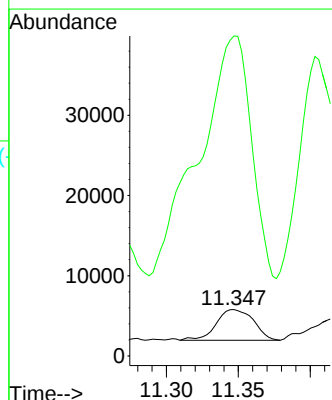
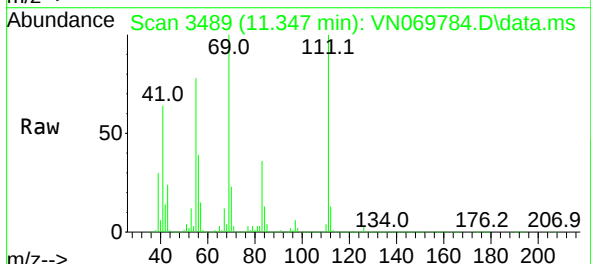
Instrument :
MSVOA_N
ClientSampleId :

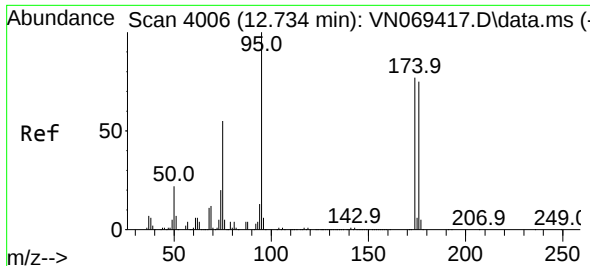
Tgt Ion:129 Resp: 14210
Ion Ratio Lower Upper
129 100
127 54.0 38.6 116.0



#61
1,2-Dibromoethane
Concen: 0.355 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion:107 Resp: 6886
Ion Ratio Lower Upper
107 100
109 1114.6 75.7 113.5#

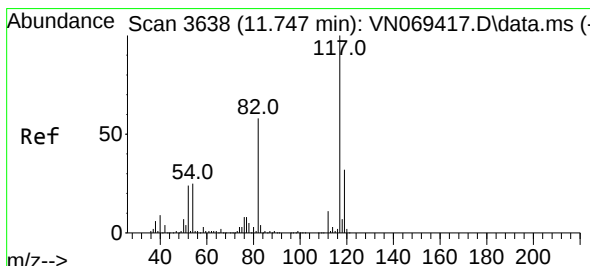
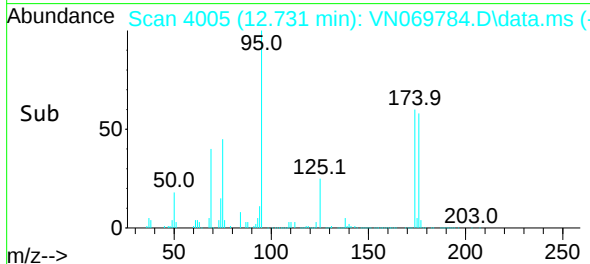
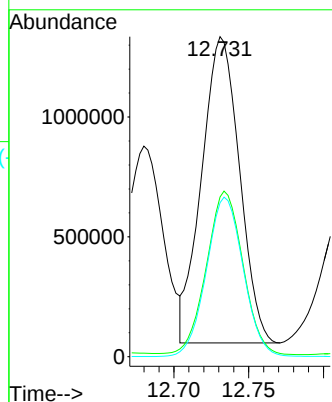
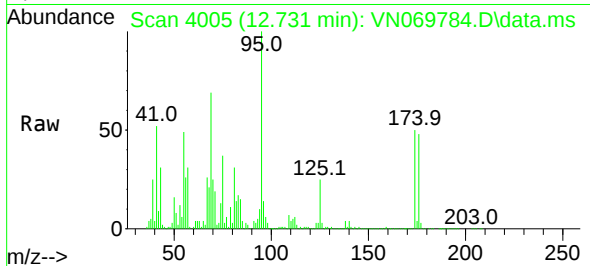




#62
4-Bromofluorobenzene
Concen: 94.351 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

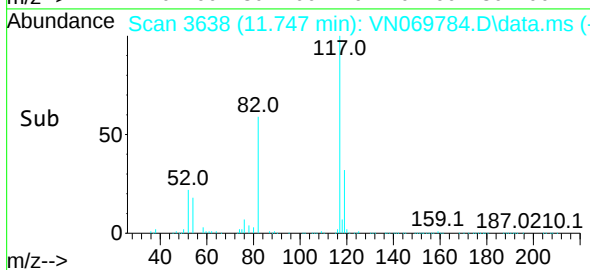
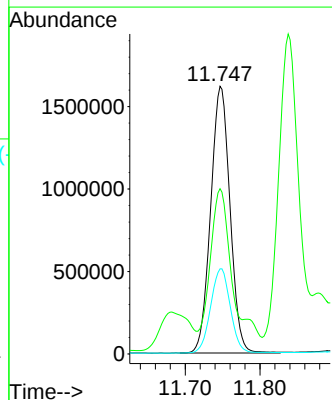
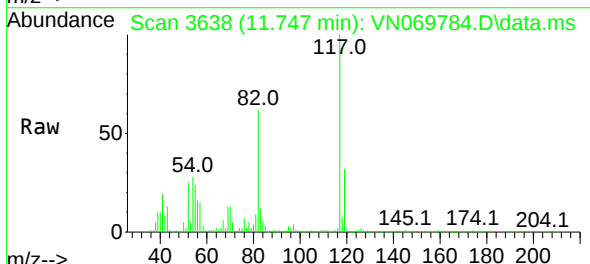
Instrument :
MSVOA_N
ClientSampleId :

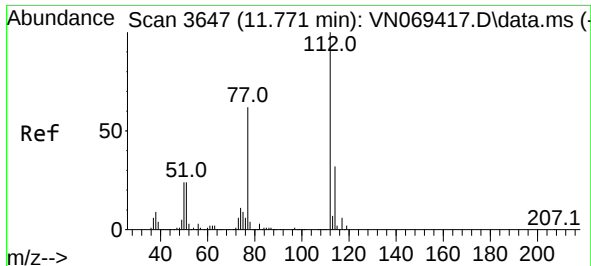
Tgt Ion: 95 Resp: 2248128
Ion Ratio Lower Upper
95 100
174 51.7 0.0 187.2
176 50.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 117 Resp: 2904933
Ion Ratio Lower Upper
117 100
82 47.4 42.4 63.6
119 31.5 25.4 38.2

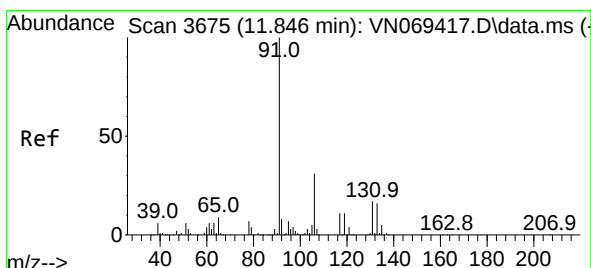
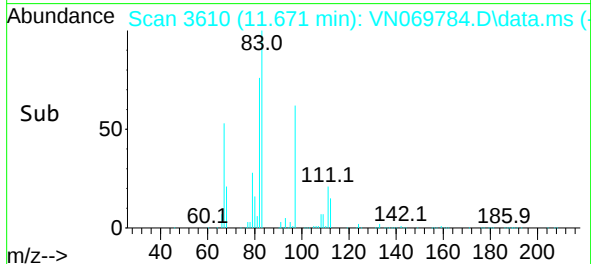
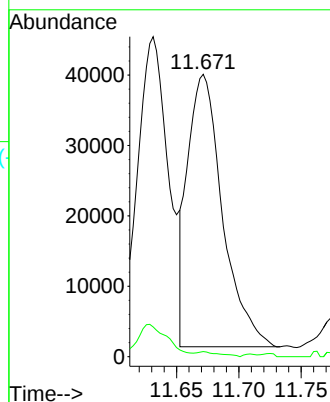
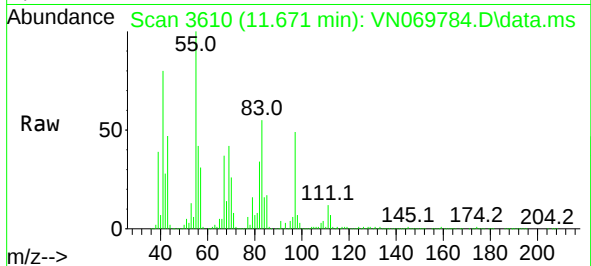




#65
Chlorobenzene
Concen: 1.274 ug/l
RT: 11.671 min Scan# 3610
Delta R.T. -0.100 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

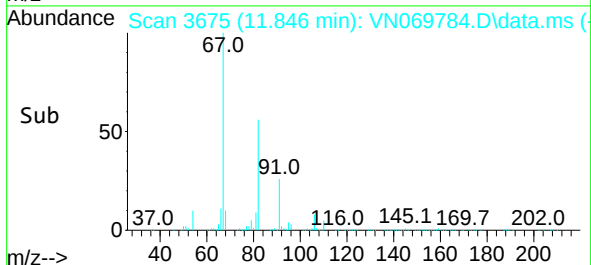
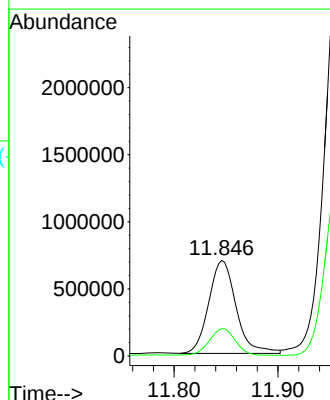
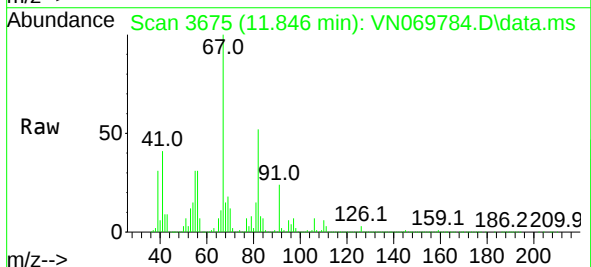
Instrument :
MSVOA_N
ClientSampleId :

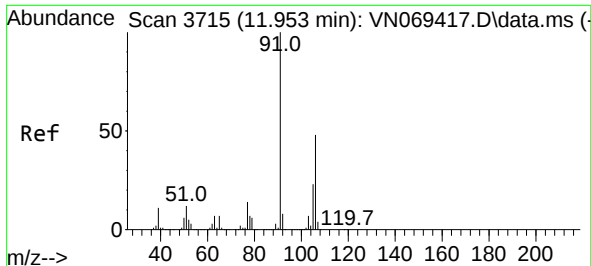
Tgt Ion:112 Resp: 75095
Ion Ratio Lower Upper
112 100
114 1.9 25.4 38.0#



#67
Ethyl Benzene
Concen: 11.838 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 91 Resp: 1267252
Ion Ratio Lower Upper
91 100
106 28.5 25.7 38.5

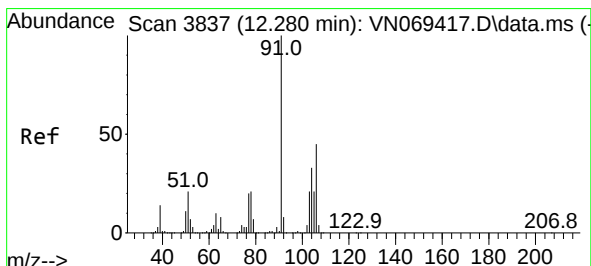
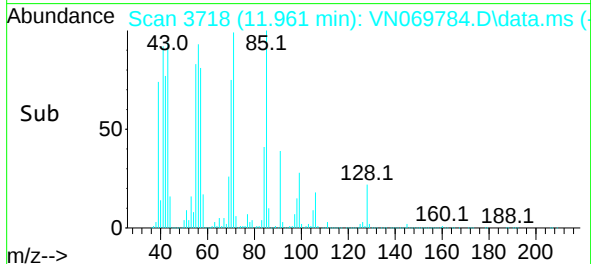
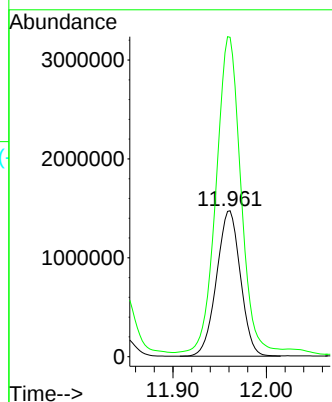
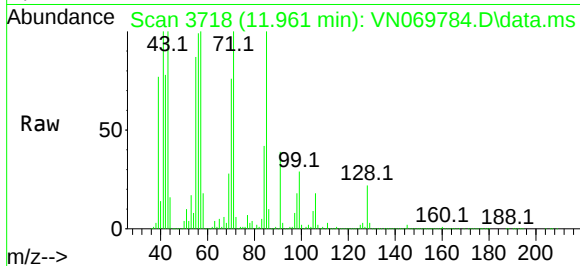




#68
m/p-Xylenes
Concen: 67.010 ug/l
RT: 11.961 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

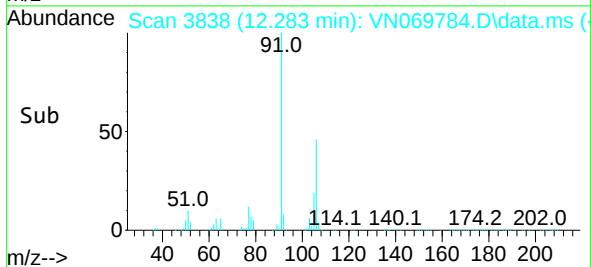
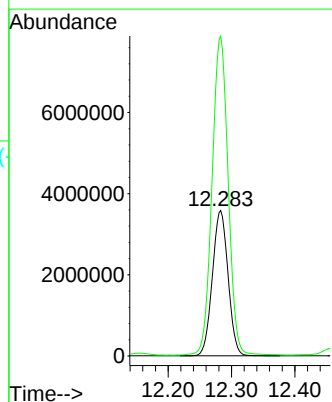
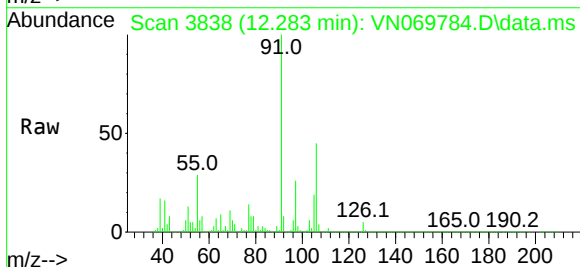
Instrument :
MSVOA_N
ClientSampleId :

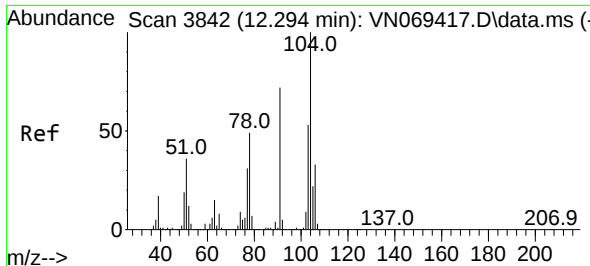
Tgt Ion:106 Resp: 2611879
Ion Ratio Lower Upper
106 100
91 223.0 160.6 240.8



#69
o-Xylene
Concen: 156.560 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion:106 Resp: 6146700
Ion Ratio Lower Upper
106 100
91 225.6 105.8 317.3

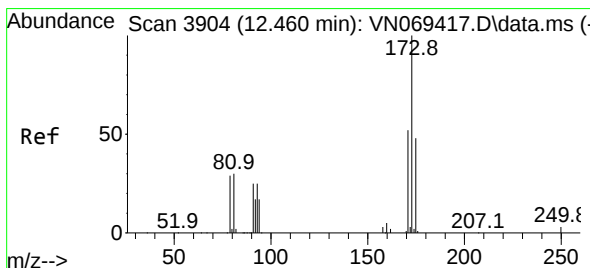
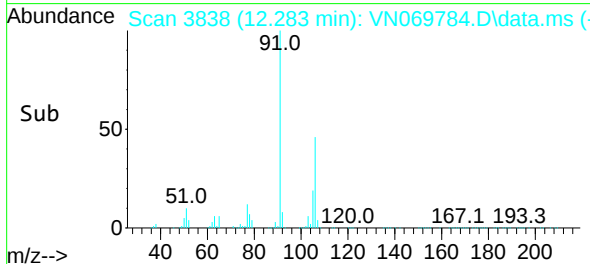
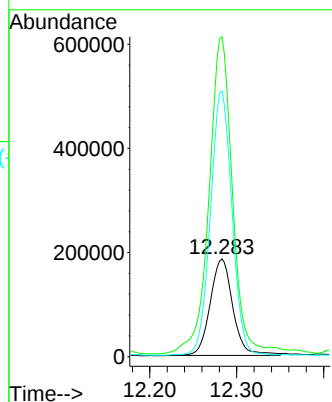
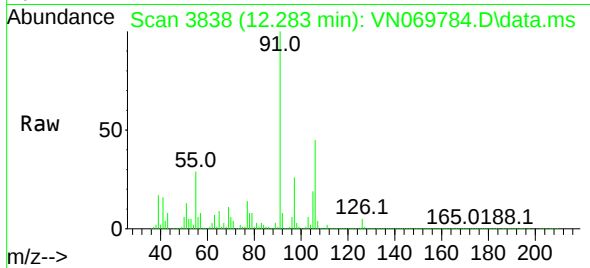




#70
Styrene
Concen: 5.406 ug/l
RT: 12.283 min Scan# 31
Delta R.T. -0.011 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

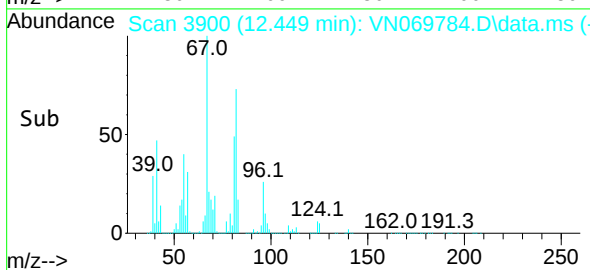
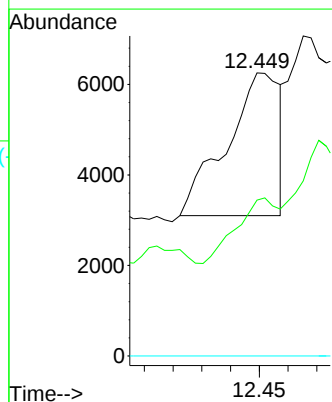
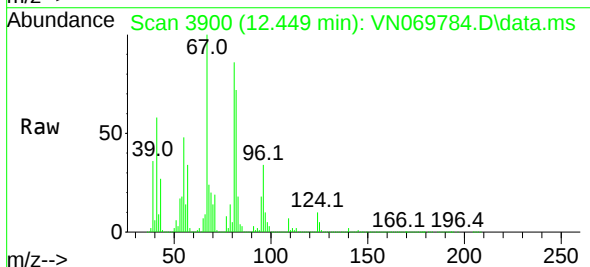
Instrument :
MSVOA_N
ClientSampleId :

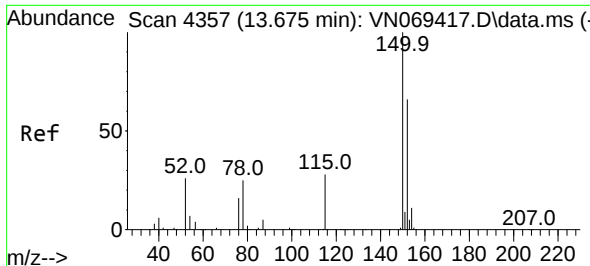
Tgt Ion:104 Resp: 336570
Ion Ratio Lower Upper
104 100
78 335.4 38.7 58.1#
103 260.2 45.0 67.6#



#71
Bromoform
Concen: 2.946 ug/l
RT: 12.449 min Scan# 3900
Delta R.T. -0.011 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

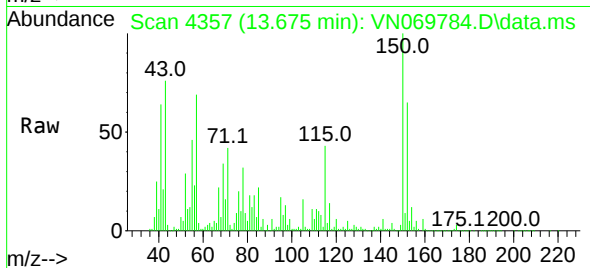
Tgt Ion:173 Resp: 4045
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



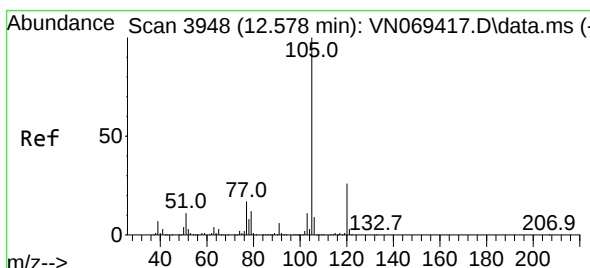
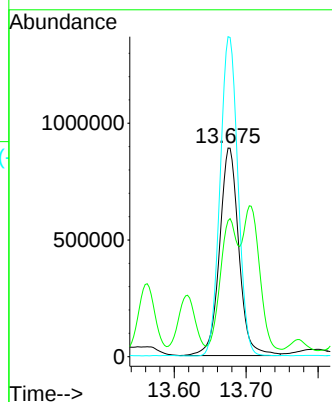
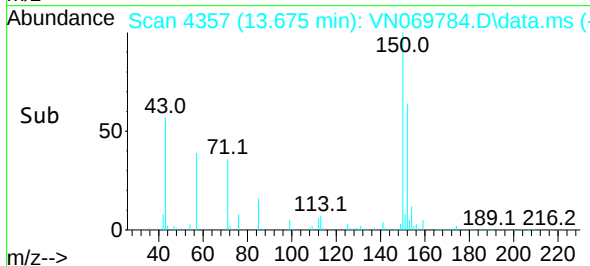


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

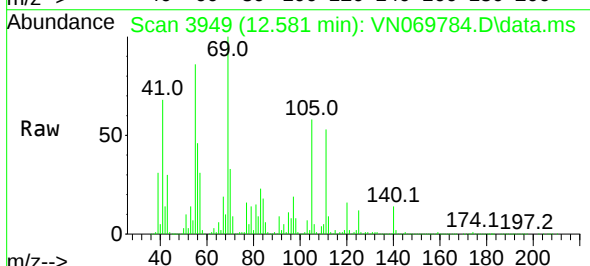
Instrument :
MSVOA_N
ClientSampleId :



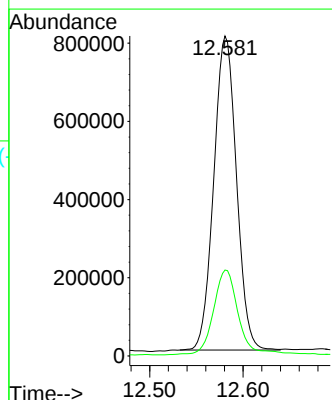
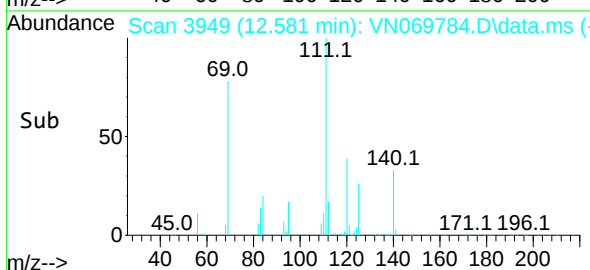
Tgt Ion:152 Resp: 1655415
Ion Ratio Lower Upper
152 100
115 58.5 27.5 82.5
150 142.1 0.0 344.4

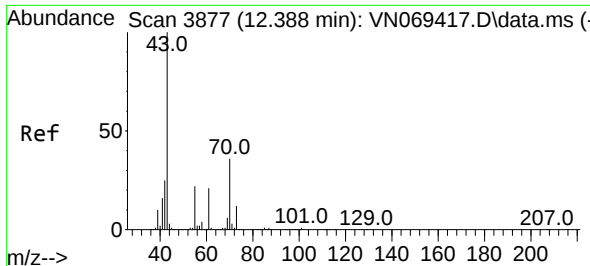


#73
Isopropylbenzene
Concen: 9.219 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27



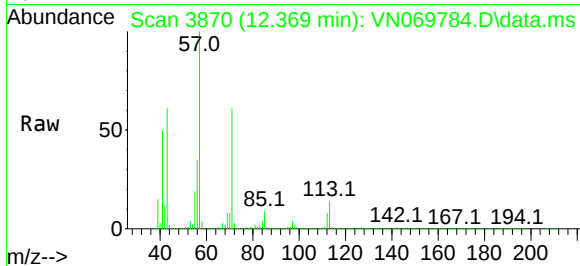
Tgt Ion:105 Resp: 1357888
Ion Ratio Lower Upper
105 100
120 30.1 13.4 40.1



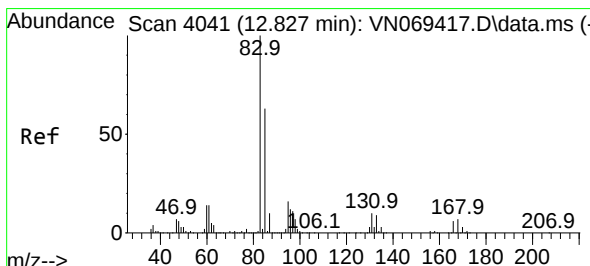
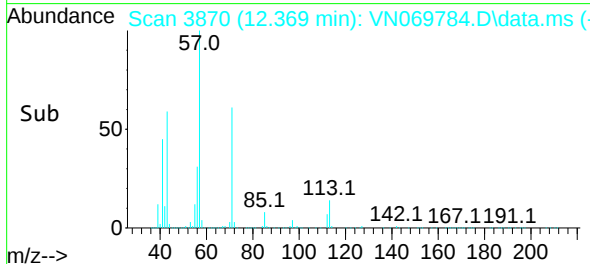
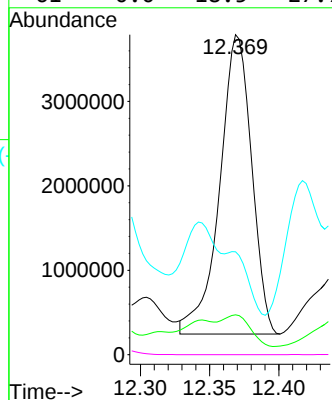


#74
N-amy1 acetate
Concen: 87.354 ug/l
RT: 12.369 min Scan# 31
Delta R.T. -0.019 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

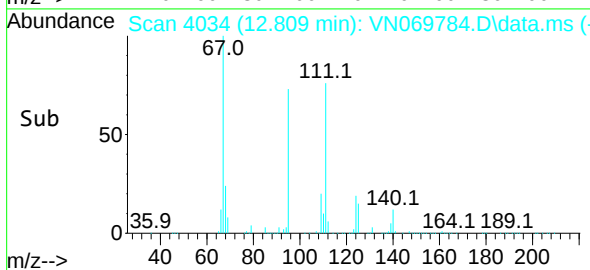
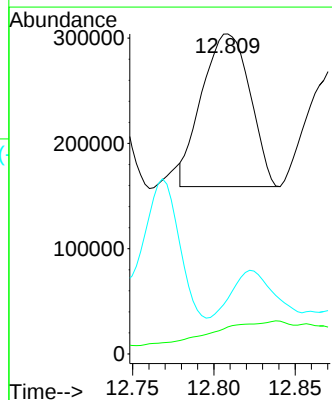
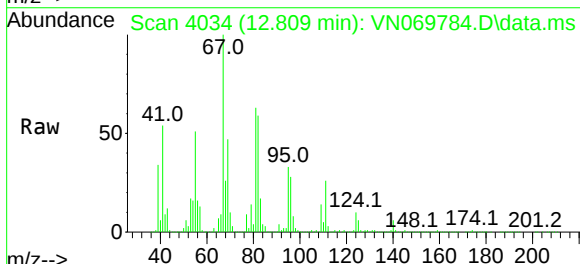


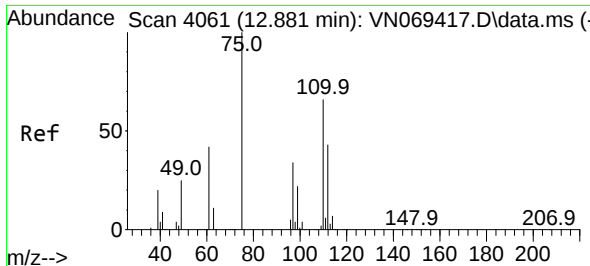
Tgt Ion: 43 Resp: 5689836
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 0.0 19.3 28.9#
61 0.0 18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 5.865 ug/l
RT: 12.809 min Scan# 4034
Delta R.T. -0.019 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 83 Resp: 298716
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#

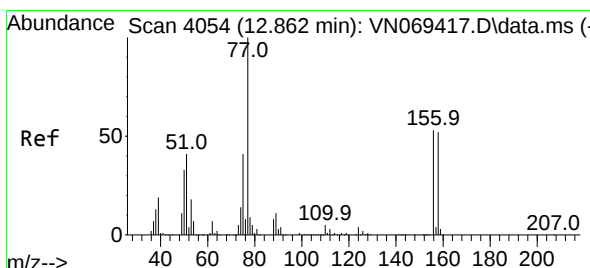
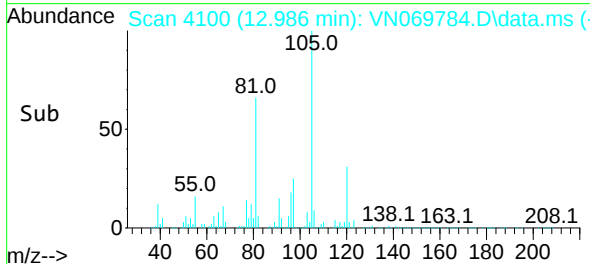
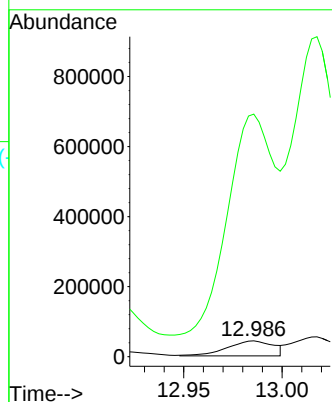
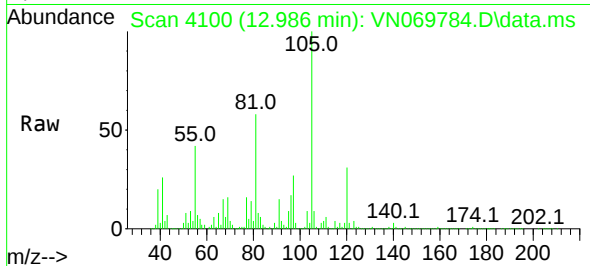




#76
1,2,3-Trichloropropane
Concen: 1.489 ug/l
RT: 12.986 min Scan# 41
Delta R.T. 0.105 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

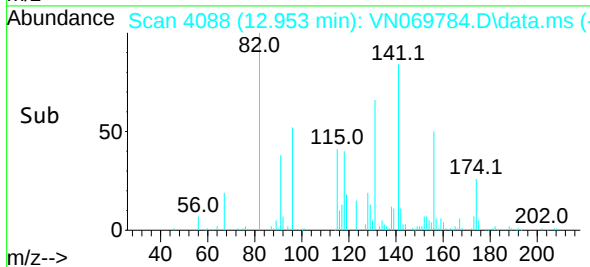
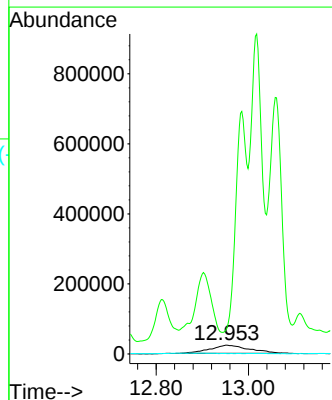
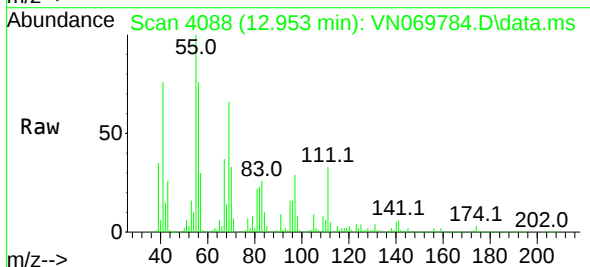
Instrument :
MSVOA_N
ClientSampleId :

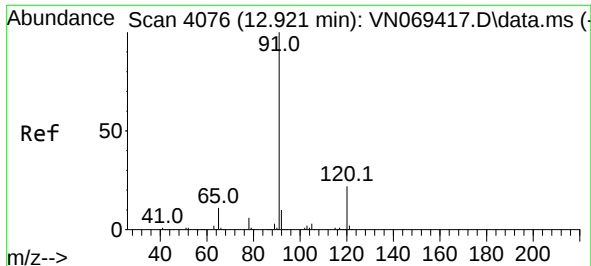
Tgt Ion: 75 Resp: 70678
Ion Ratio Lower Upper
75 100
77 1484.9 82.6 247.8#



#77
Bromobenzene
Concen: 4.001 ug/l
RT: 12.953 min Scan# 4088
Delta R.T. 0.091 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

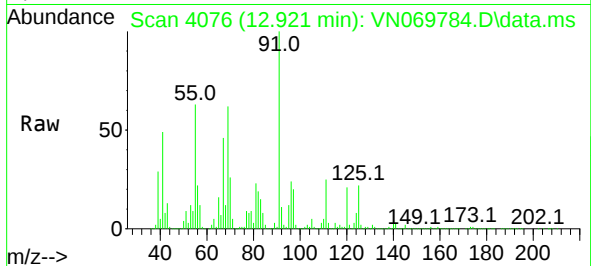
Tgt Ion:156 Resp: 138408
Ion Ratio Lower Upper
156 100
77 0.0 90.6 271.8#
158 0.2 48.9 146.7#



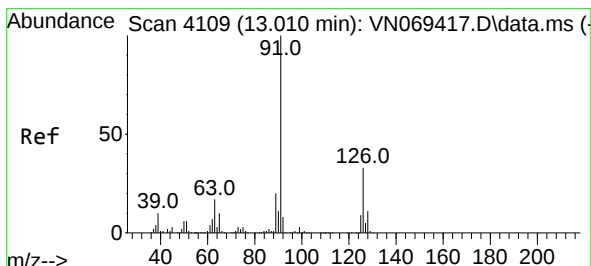
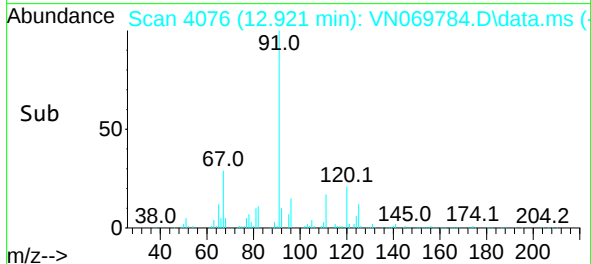
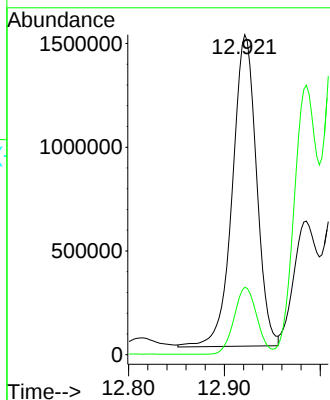


#78
n-propylbenzene
Concen: 16.036 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

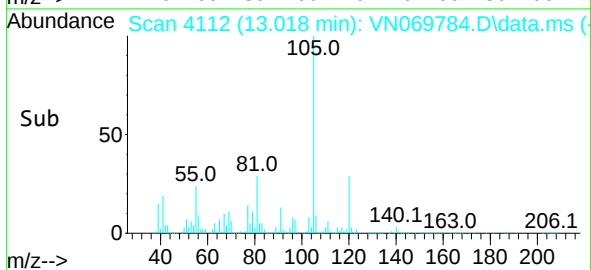
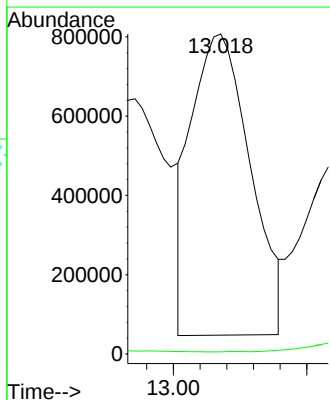
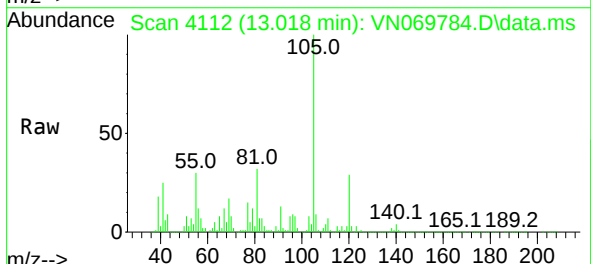


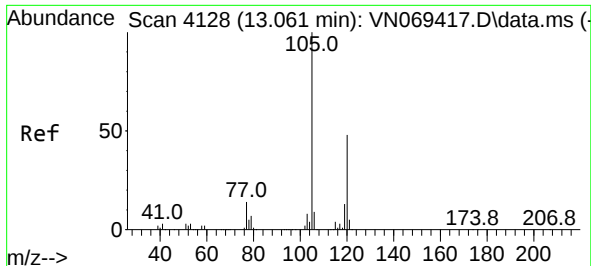
Tgt Ion: 91 Resp: 2628281
Ion Ratio Lower Upper
91 100
120 20.4 11.9 35.9



#79
2-Chlorotoluene
Concen: 11.257 ug/l
RT: 13.018 min Scan# 4112
Delta R.T. 0.008 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

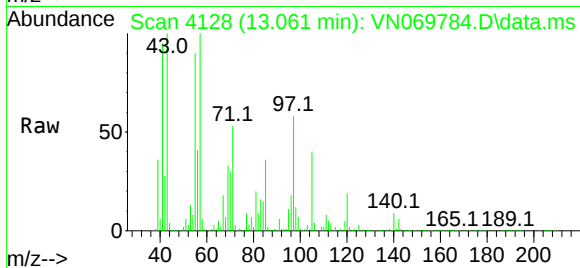
Tgt Ion: 91 Resp: 1165778
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



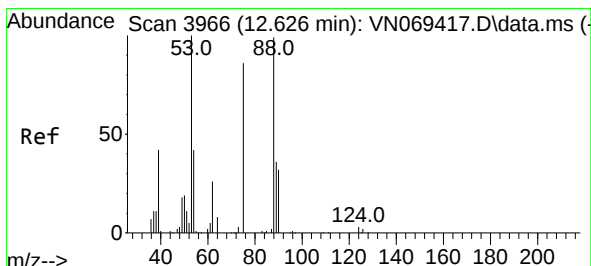
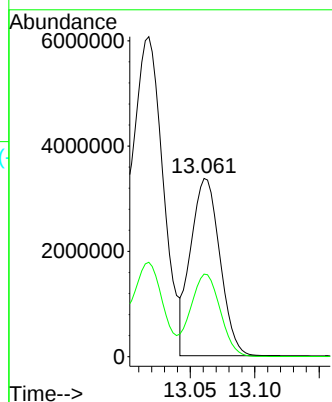
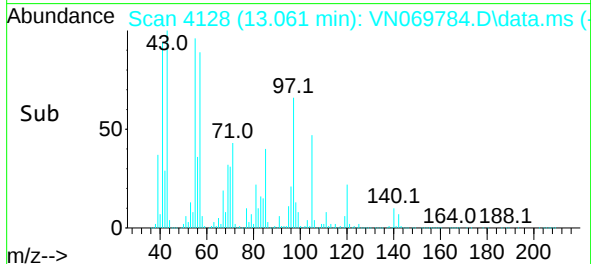


#80
1,3,5-Trimethylbenzene
Concen: 44.698 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

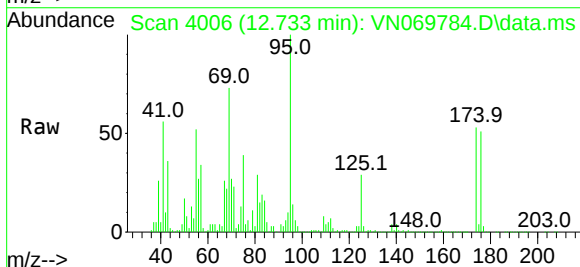
Instrument :
MSVOA_N
ClientSampleId :



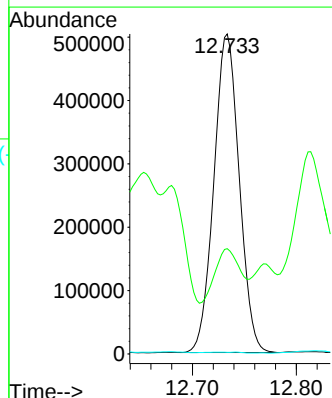
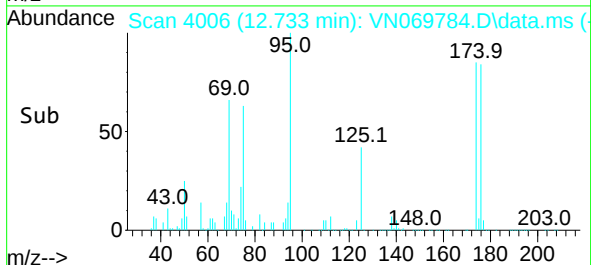
Tgt Ion:105 Resp: 5298863
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6

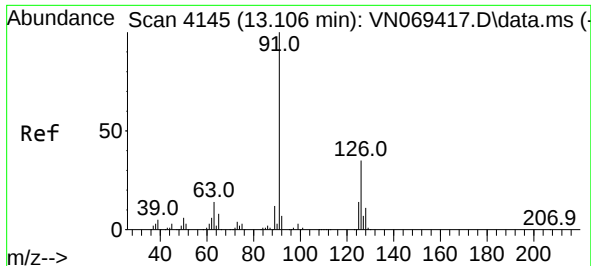


#81
trans-1,4-Dichloro-2-butene
Concen: 57.958 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27



Tgt Ion: 75 Resp: 850899
Ion Ratio Lower Upper
75 100
53 16.5 90.5 135.7#
89 0.0 38.2 57.4#

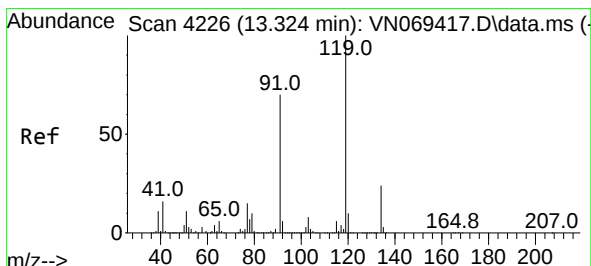
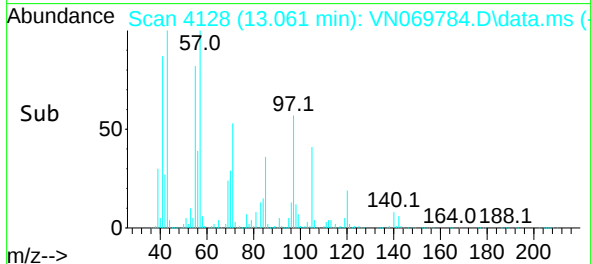
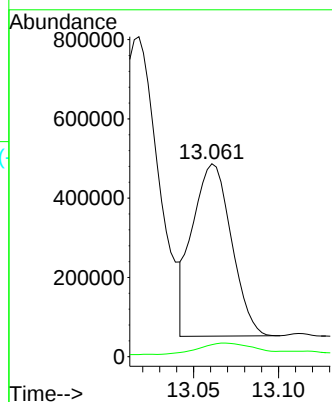
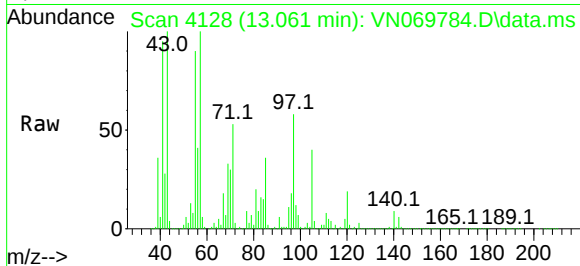




#82
4-Chlorotoluene
Concen: 7.090 ug/l
RT: 13.061 min Scan# 4145
Delta R.T. -0.045 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

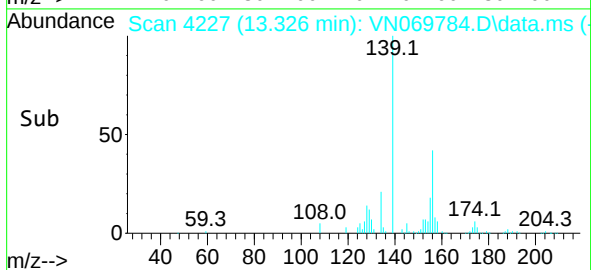
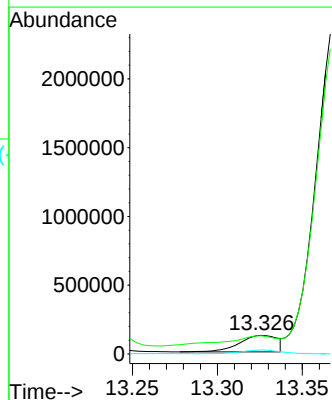
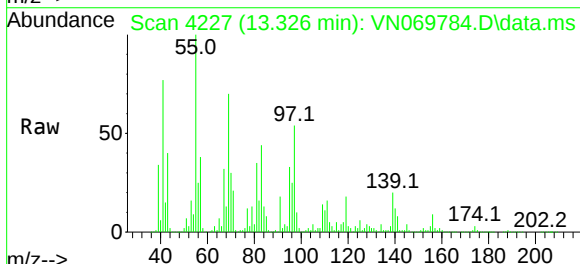
Instrument :
MSVOA_N
ClientSampleId :

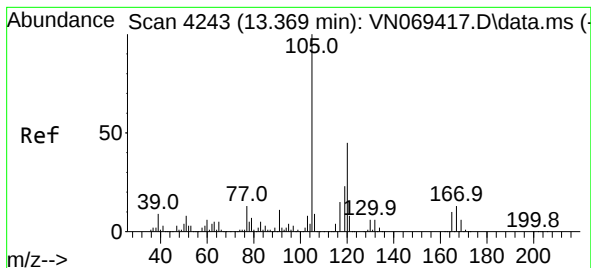
Tgt Ion: 91 Resp: 690541
Ion Ratio Lower Upper
91 100
126 9.2 18.2 54.6#



#83
tert-Butylbenzene
Concen: 1.776 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.003 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 119 Resp: 186392
Ion Ratio Lower Upper
119 100
91 88.7 31.5 94.5
134 0.0 12.4 37.4#





#84

1,2,4-Trimethylbenzene

Concen: 112.458 ug/l

RT: 13.222 min Scan# 41

Delta R.T. -0.147 min

Lab File: VN069784.D

Acq: 6 Dec 2021 15:27

Instrument :

MSVOA_N

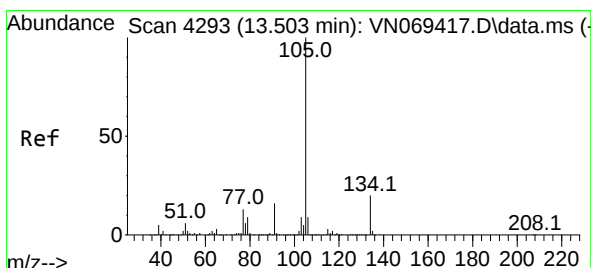
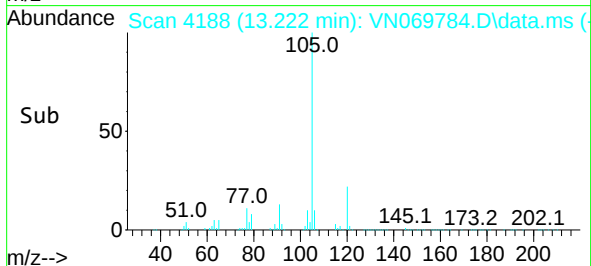
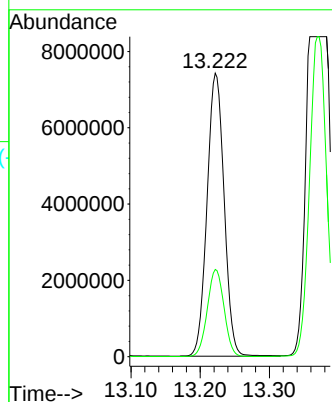
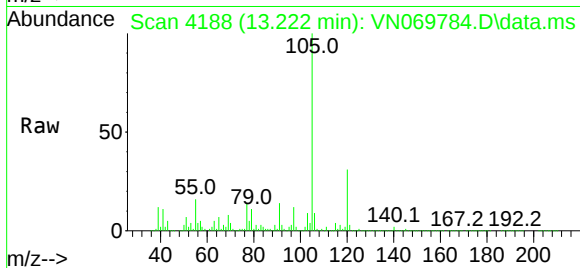
ClientSampleId :

Tgt Ion:105 Resp:12696511

Ion Ratio Lower Upper

105 100

120 30.2 22.8 68.4



#85

sec-Butylbenzene

Concen: 15.158 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. 0.000 min

Lab File: VN069784.D

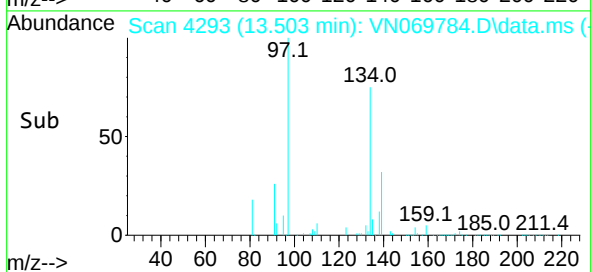
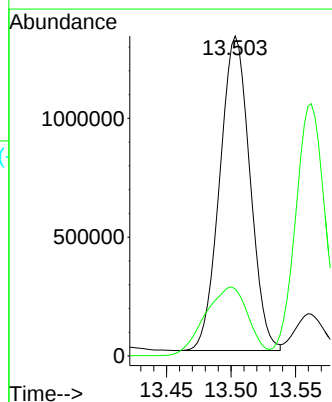
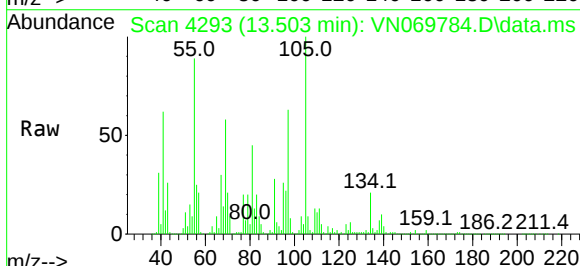
Acq: 6 Dec 2021 15:27

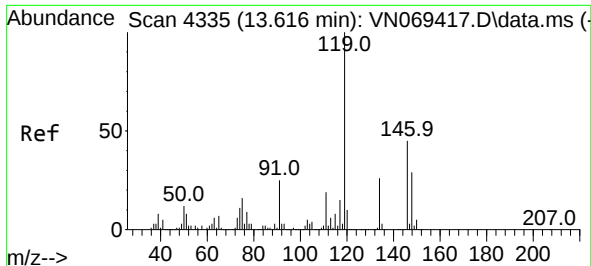
Tgt Ion:105 Resp: 2158190

Ion Ratio Lower Upper

105 100

134 31.1 10.4 31.1#

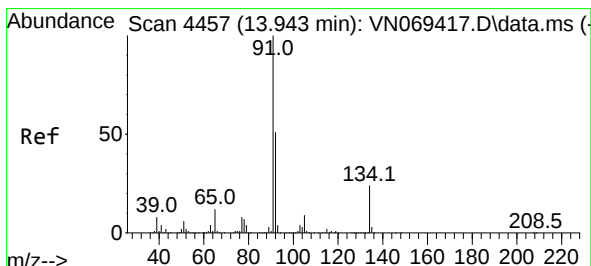
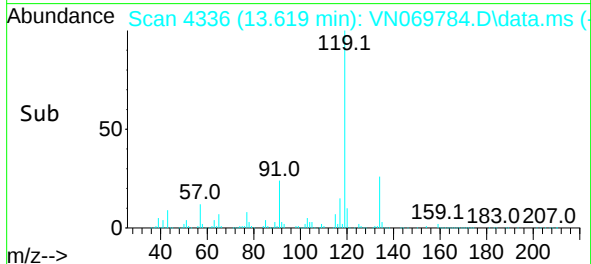
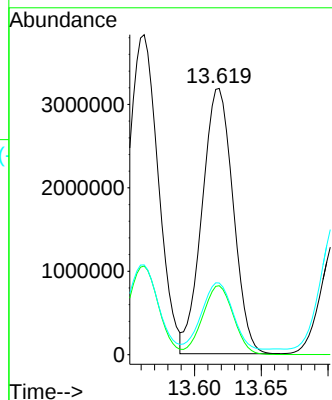
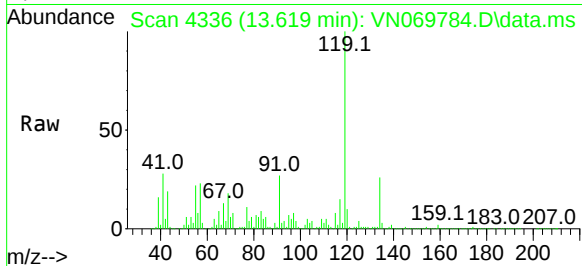




#86
p-Isopropyltoluene
Concen: 46.175 ug/l
RT: 13.619 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

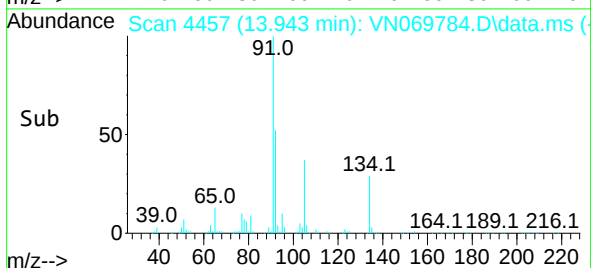
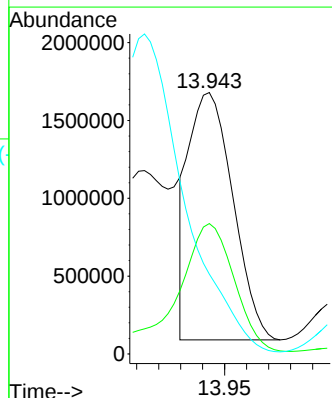
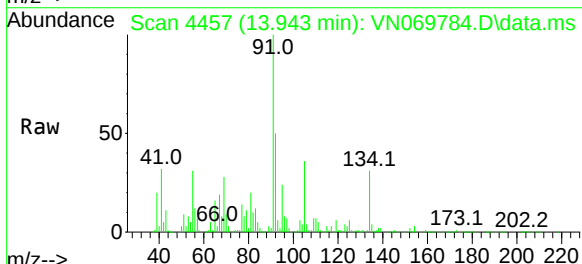
Instrument :
MSVOA_N
ClientSampleId :

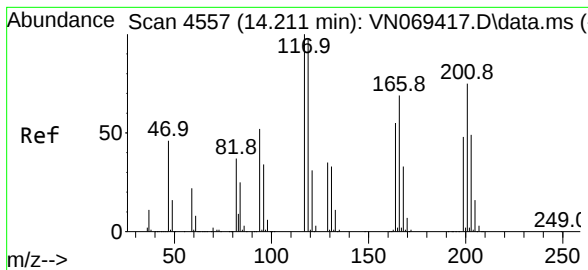
Tgt Ion:119 Resp: 5139054
Ion Ratio Lower Upper
119 100
134 25.5 13.6 40.7
91 24.6 11.4 34.1



#89
n-Butylbenzene
Concen: 24.614 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Tgt Ion: 91 Resp: 2222196
Ion Ratio Lower Upper
91 100
92 66.6 25.4 76.0
134 0.0 13.6 40.8#

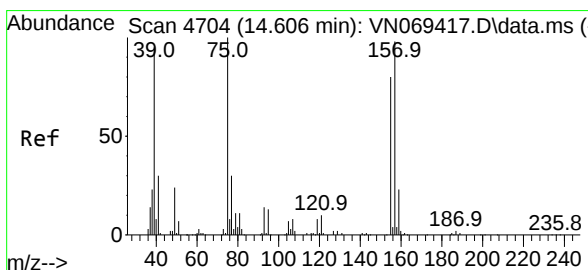
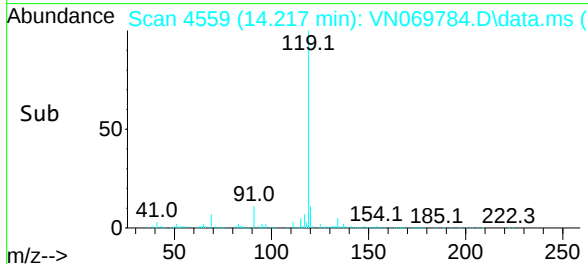
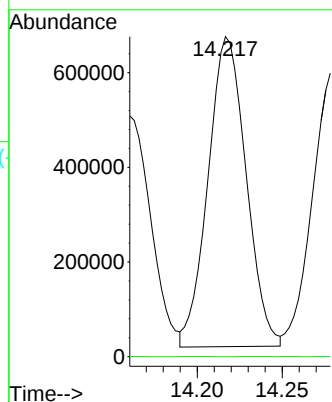
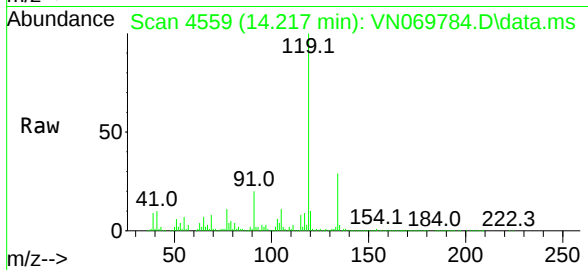




#90
Hexachloroethane
Concen: 52.204 ug/l
RT: 14.217 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

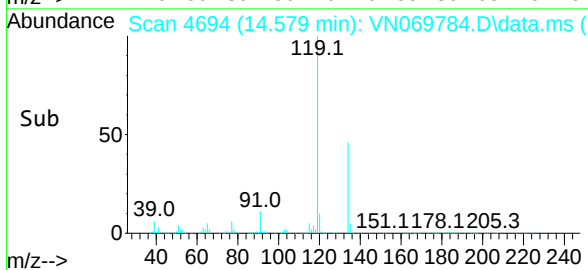
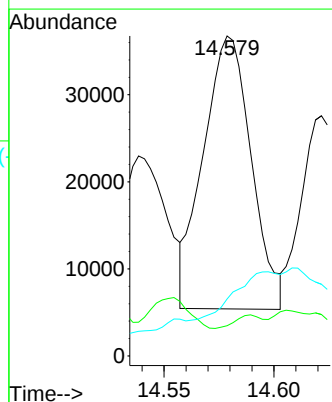
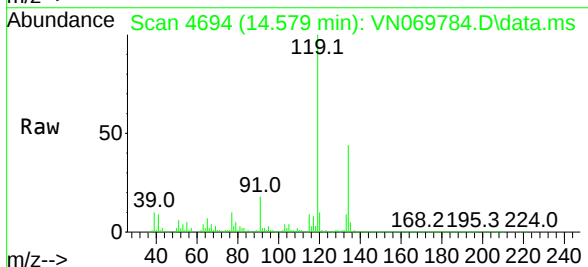
Instrument :
MSVOA_N
ClientSampleId :

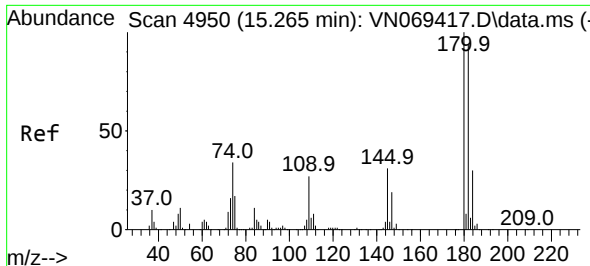
Tgt Ion:117 Resp: 1020063
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.179 ug/l
RT: 14.579 min Scan# 4694
Delta R.T. -0.024 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

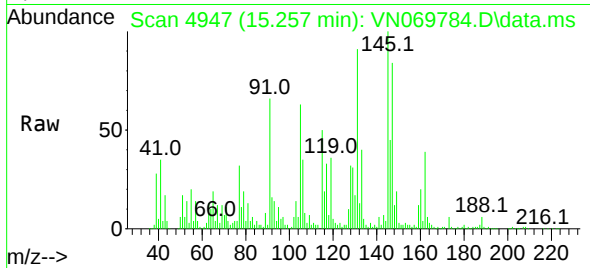
Tgt Ion: 75 Resp: 47668
Ion Ratio Lower Upper
75 100
155 7.0 46.9 140.7#
157 0.0 60.6 181.7#



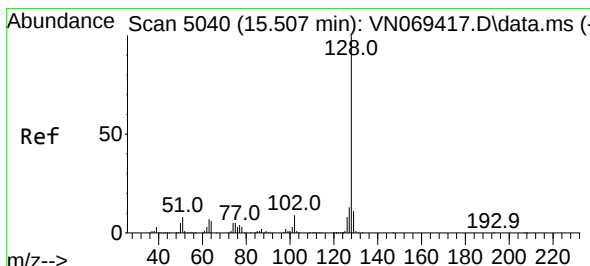
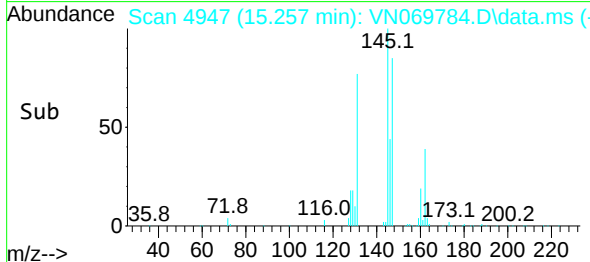
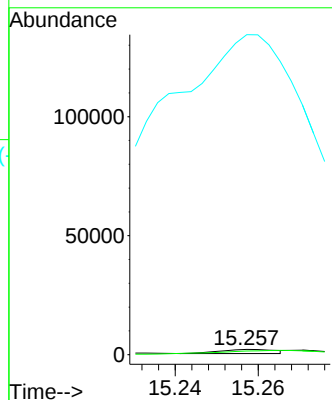


#93
1,2,4-Trichlorobenzene
Concen: 2.932 ug/l
RT: 15.257 min Scan# 4950
Delta R.T. -0.008 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :

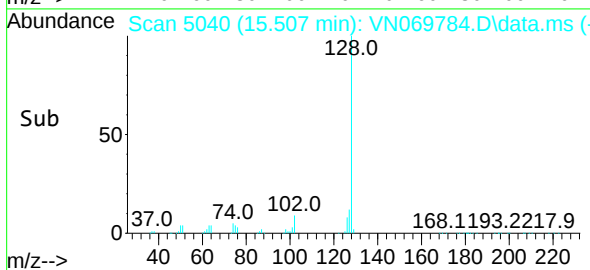
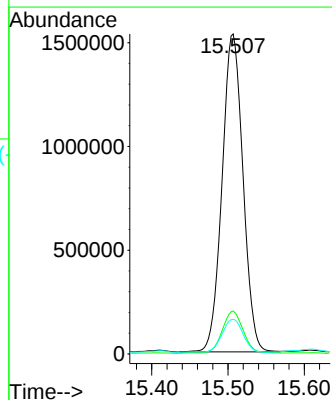
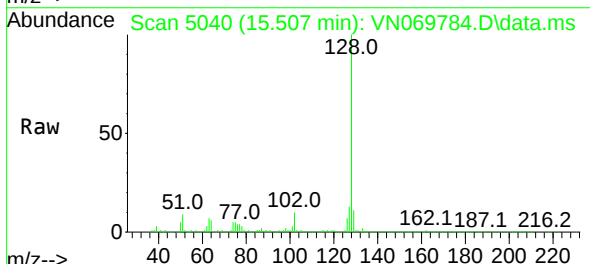


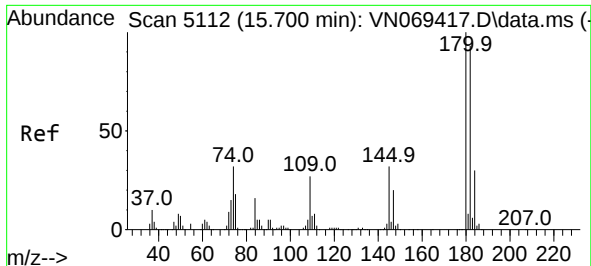
Tgt Ion:180 Resp: 1571
Ion Ratio Lower Upper
180 100
182 209.0 48.3 144.9#
145 18740.9 14.5 43.5#



#95
Naphthalene
Concen: 37.190 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

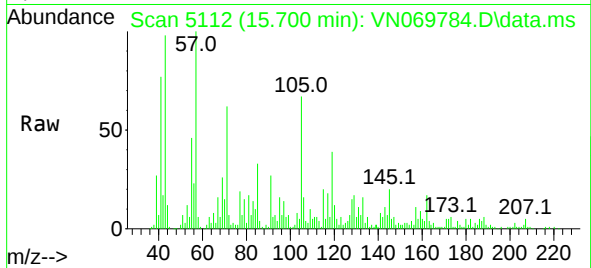
Tgt Ion:128 Resp: 2918909
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.576 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN069784.D
 Acq: 6 Dec 2021 15:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 3895
 Ion Ratio Lower Upper
 180 100
 182 83.4 47.4 142.2
 145 146.1 15.0 45.1#

