

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070168.D
 Acq On : 17 Dec 2021 17:01
 Operator : JC/MD
 Sample : M5039-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:46:37 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	8.088	168	866318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1458279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1320951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	506254	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	722082	53.984	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.960%	
35) Dibromofluoromethane	8.024	113	469118	51.358	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.720%	
50) Toluene-d8	10.443	98	1837879	50.109	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.734	95	634187	47.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.460%	

Target Compounds				Qvalue		
3) Chloromethane	2.303	50	4348	0.343	ug/l #	83
11) Tert butyl alcohol	5.390	59	39520	15.631	ug/l #	71
13) Acrolein	4.031	56	610	0.283	ug/l #	14
14) Allyl chloride	5.068	41	72862	3.918	ug/l #	61
15) Acrylonitrile	5.608	53	7316	1.074	ug/l #	45
16) Acetone	4.296	43	91504	11.372	ug/l	97
17) Carbon Disulfide	4.524	76	4709	0.221	ug/l #	92
18) Methyl Acetate	5.071	43	167446	6.894	ug/l #	51
19) Methyl tert-butyl Ether	5.624	73	167904	5.233	ug/l #	1
25) 2-Butanone	7.356	43	18328	1.676	ug/l #	85
30) Chloroform	7.785	83	3913	0.206	ug/l #	18
31) Cyclohexane	8.091	56	77449	4.161	ug/l #	80
36) 1,1-Dichloropropene	8.086	75	74657	5.378	ug/l #	49
37) Ethyl Acetate	7.356	43	18328	0.887	ug/l #	68
38) Carbon Tetrachloride	8.088	117	88325	6.488	ug/l #	16
39) Methylcyclohexane	9.459	83	56557	3.425	ug/l #	86
40) Benzene	8.461	78	105561	2.488	ug/l	98
43) Isopropyl Acetate	8.552	43	10837	0.354	ug/l #	55
51) 4-Methyl-2-Pentanone	10.333	43	67208	3.388	ug/l	98
52) Toluene	10.508	92	23113	0.892	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	155	2.803	ug/l #	61
54) cis-1,3-Dichloropropene	10.186	75	267	2.013	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	5538	0.530	ug/l #	24
56) Ethyl methacrylate	10.760	69	328	2.295	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.022	63	54	18.398	ug/l #	45
59) 2-Hexanone	10.947	43	29268	1.951	ug/l	71
60) Dibromochloromethane	11.393	129	24	2.378	ug/l #	11
67) Ethyl Benzene	11.846	91	461216	9.475	ug/l	96
68) m/p-Xylenes	11.953	106	166290	9.382	ug/l	91
69) o-Xylene	12.280	106	26013	1.457	ug/l	95
71) Bromoform	12.725	173	1652	2.924	ug/l #	1
73) Isopropylbenzene	12.581	105	117099	2.600	ug/l	99
76) 1,2,3-Trichloropropane	12.731	75	352043	24.248	ug/l #	1
78) n-propylbenzene	12.921	91	407466	8.129	ug/l	96
79) 2-Chlorotoluene	12.921	91	407466	12.866	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.061	105	47261	1.304	ug/l	98

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 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

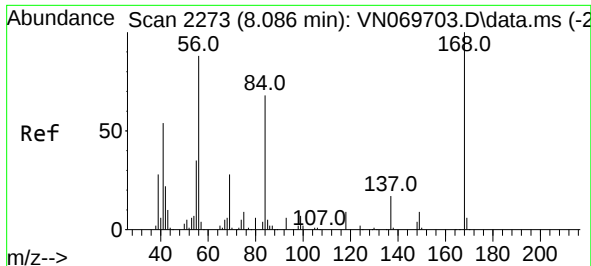
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-b...	12.731	75	352043	76.977	ug/l #	5
82) 4-Chlorotoluene	13.222	91	16023	0.538	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.369	105	254478	7.370	ug/l	97
85) sec-Butylbenzene	13.503	105	48500	1.114	ug/l #	68
86) p-Isopropyltoluene	13.774	119	10555	0.310	ug/l	90
89) n-Butylbenzene	13.940	91	54661	1.980	ug/l #	67
90) Hexachloroethane	14.219	117	52312	8.754	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.263	180	1775	3.079	ug/l	95
95) Naphthalene	15.507	128	717406	30.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	1651	2.630	ug/l	78

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

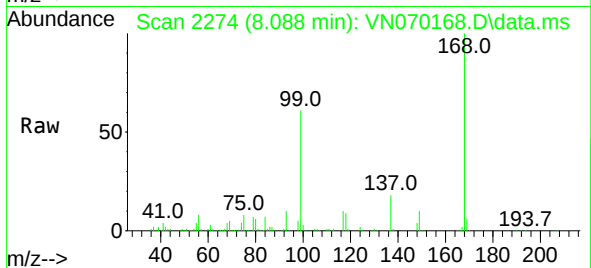
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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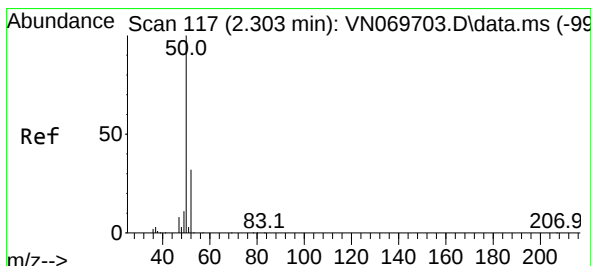
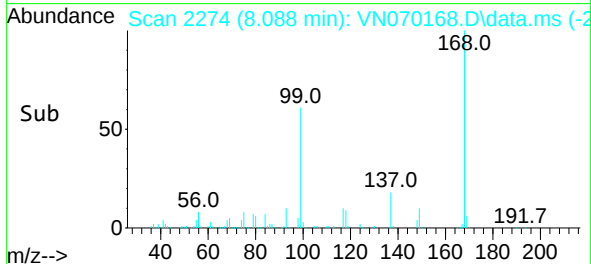
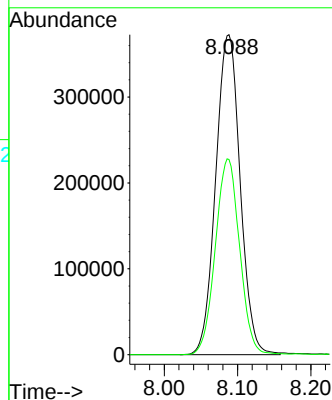


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :

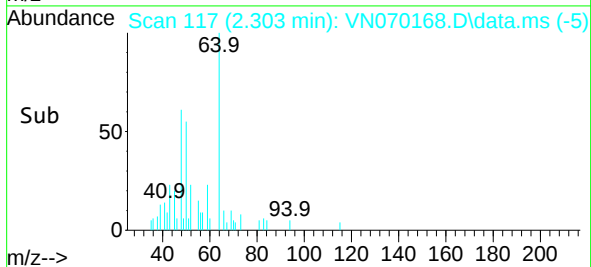
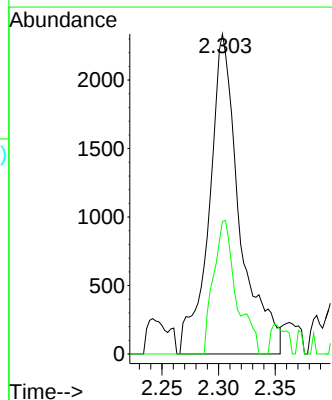
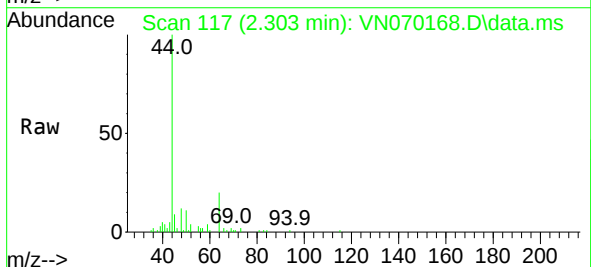


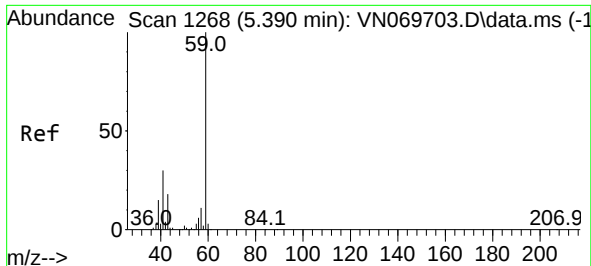
Tgt Ion:168 Resp: 866318
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#3
Chloromethane
Concen: 0.343 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 50 Resp: 4348
Ion Ratio Lower Upper
50 100
52 41.3 25.4 38.0#





#11

Tert butyl alcohol

Concen: 15.631 ug/l

RT: 5.390 min Scan# 11

Delta R.T. 0.000 min

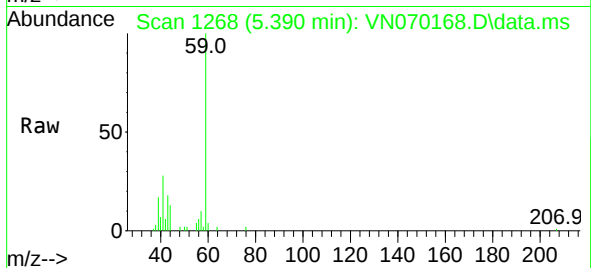
Lab File: VN070168.D

Acq: 17 Dec 2021 17:01

Instrument :

MSVOA_N

ClientSampleId :

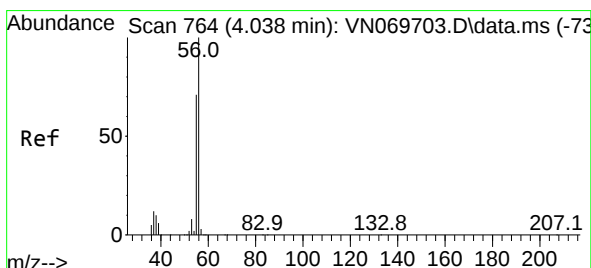
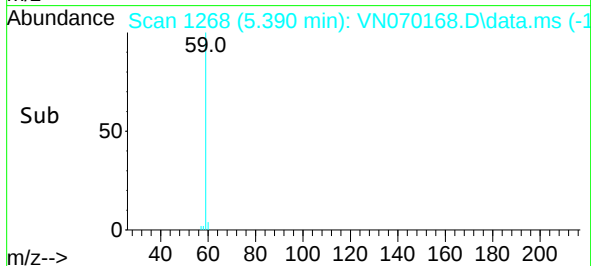
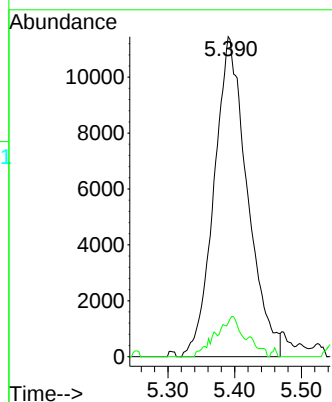


Tgt Ion: 59 Resp: 39520

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.283 ug/l

RT: 4.031 min Scan# 761

Delta R.T. -0.008 min

Lab File: VN070168.D

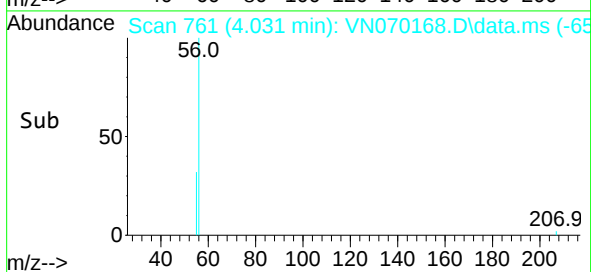
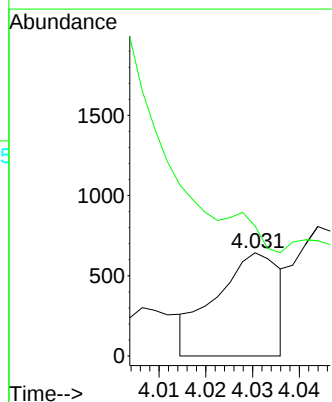
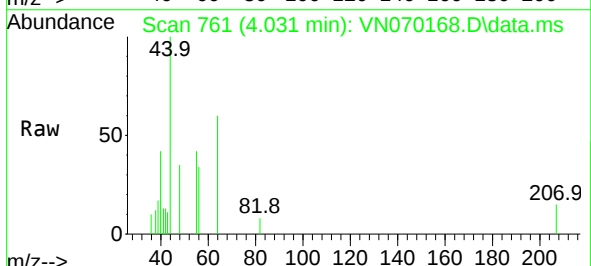
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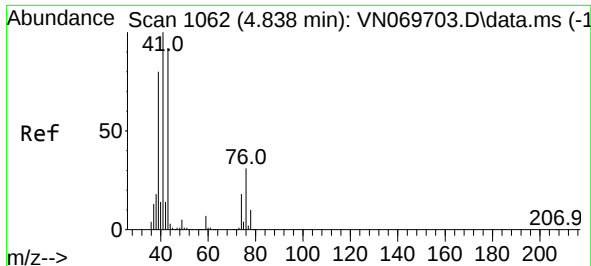
Tgt Ion: 56 Resp: 610

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#





#14

Allyl chloride

Concen: 3.918 ug/l

RT: 5.068 min Scan# 1148

Delta R.T. 0.231 min

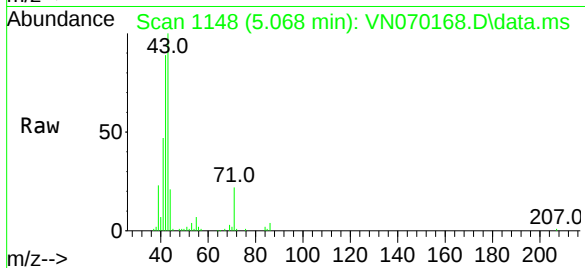
Lab File: VN070168.D

Acq: 17 Dec 2021 17:01

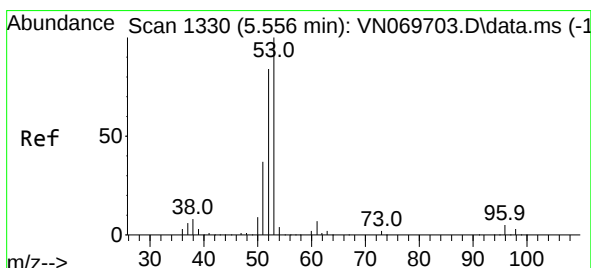
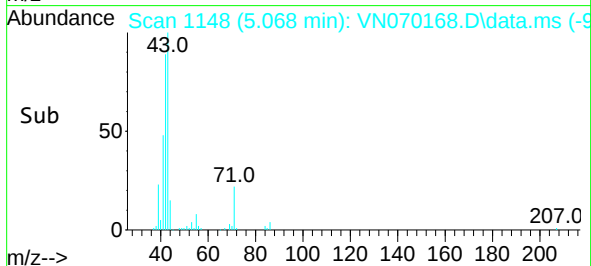
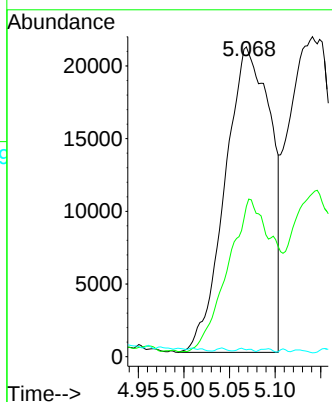
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	41	Resp:	72862
Ion Ratio	Lower	Upper	
41	100		
39	50.2	61.2	91.8#
76	0.3	26.0	39.0#



#15

Acrylonitrile

Concen: 1.074 ug/l

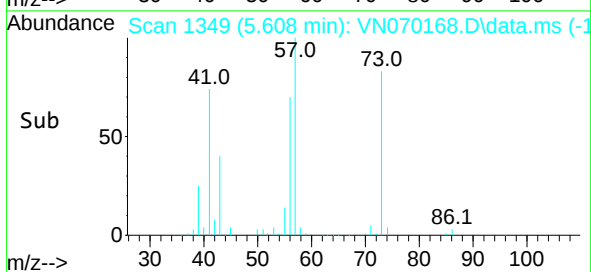
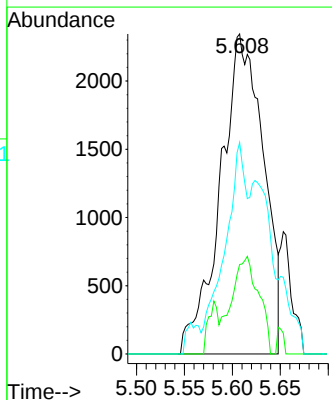
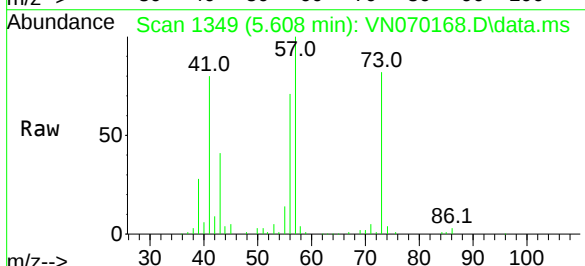
RT: 5.608 min Scan# 1349

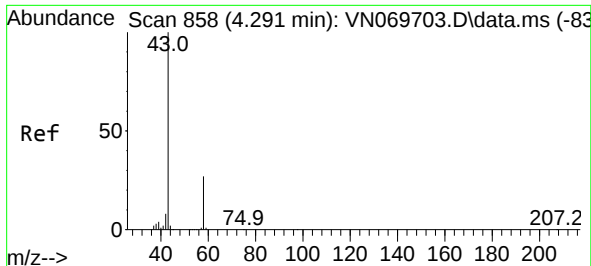
Delta R.T. 0.051 min

Lab File: VN070168.D

Acq: 17 Dec 2021 17:01

Tgt Ion:	53	Resp:	7316
Ion Ratio	Lower	Upper	
53	100		
52	18.1	66.2	99.2#
51	26.9	29.6	44.4#

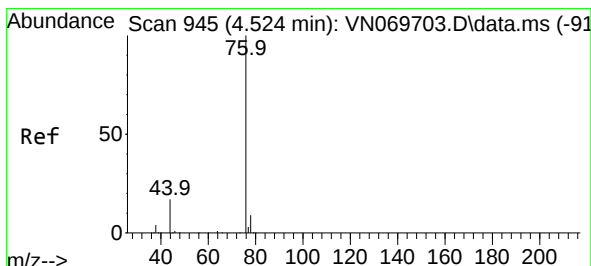
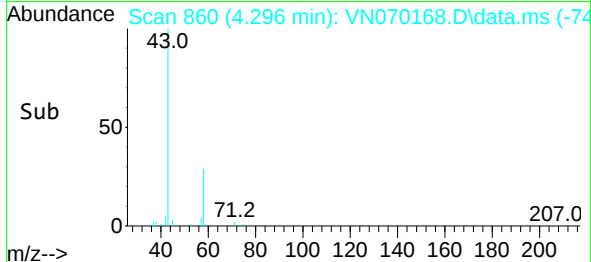
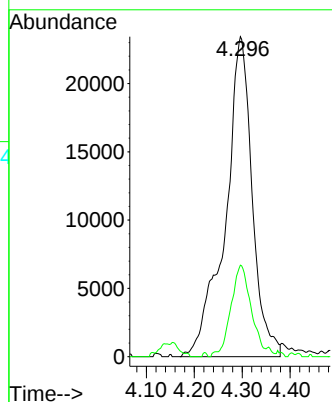
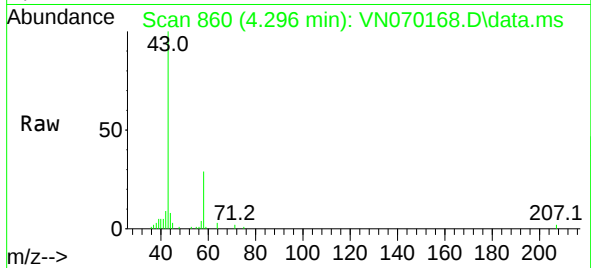




#16
Acetone
Concen: 11.372 ug/l
RT: 4.296 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

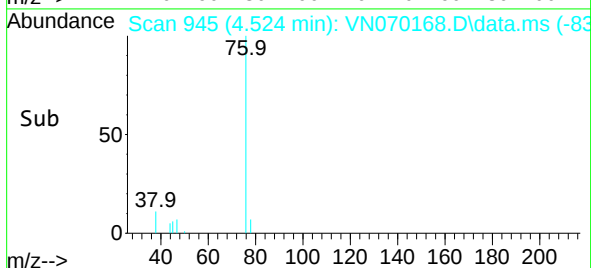
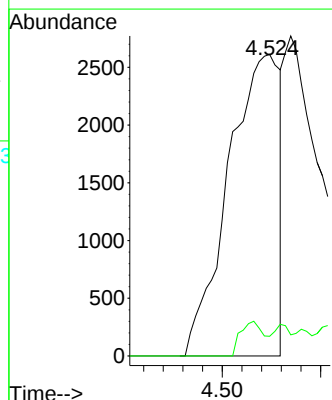
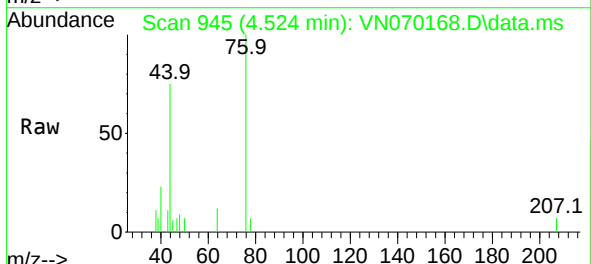
Instrument :
MSVOA_N
ClientSampleId :

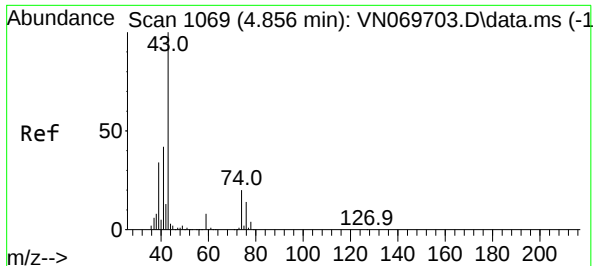
Tgt Ion: 43 Resp: 91504
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7



#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 76 Resp: 4709
Ion Ratio Lower Upper
76 100
78 6.5 7.5 11.3#





#18

Methyl Acetate

Concen: 6.894 ug/l

RT: 5.071 min Scan# 1149

Delta R.T. 0.215 min

Lab File: VN070168.D

Acq: 17 Dec 2021 17:01

Instrument :

MSVOA_N

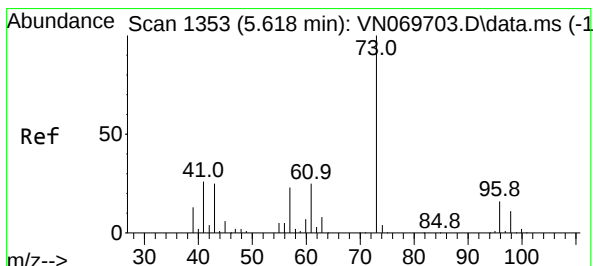
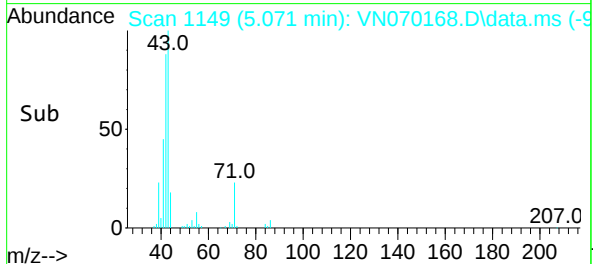
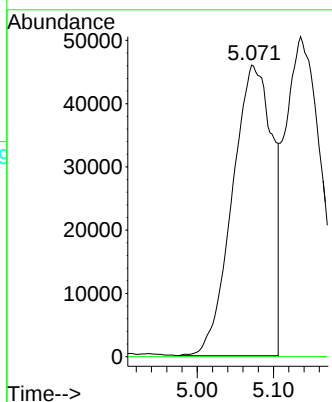
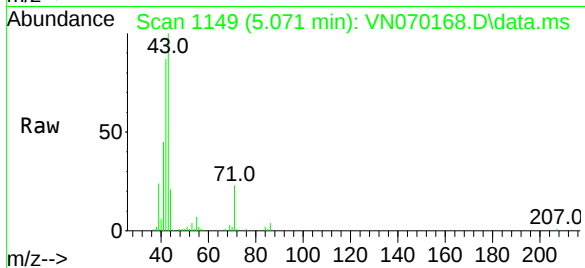
ClientSampleId :

Tgt Ion: 43 Resp: 167446

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 5.233 ug/l

RT: 5.624 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VN070168.D

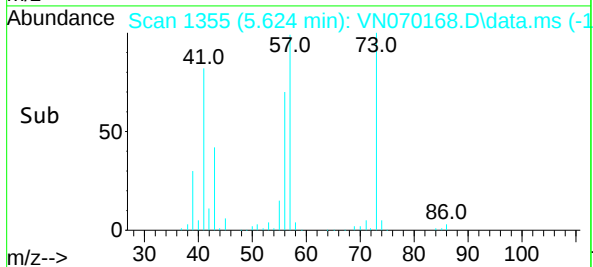
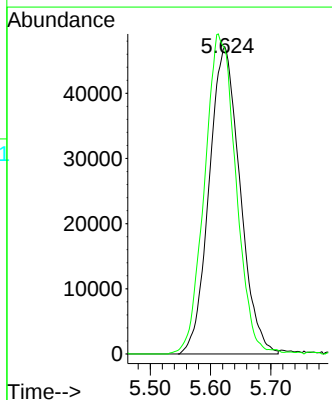
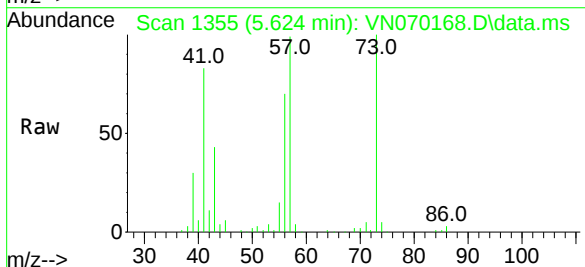
Acq: 17 Dec 2021 17:01

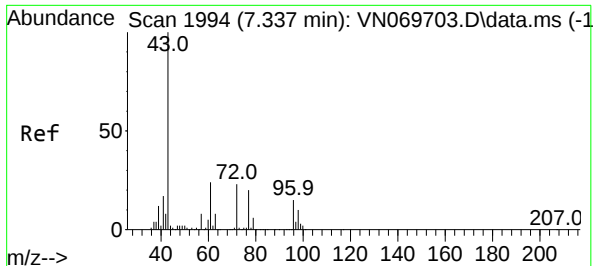
Tgt Ion: 73 Resp: 167904

Ion Ratio Lower Upper

73 100

57 98.2 16.8 25.2#

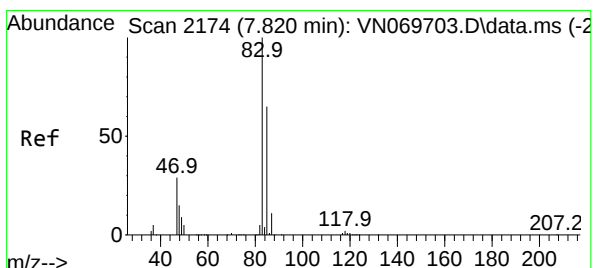
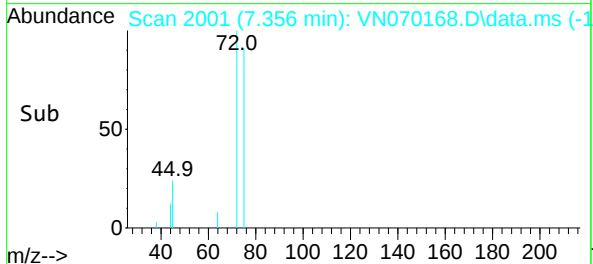
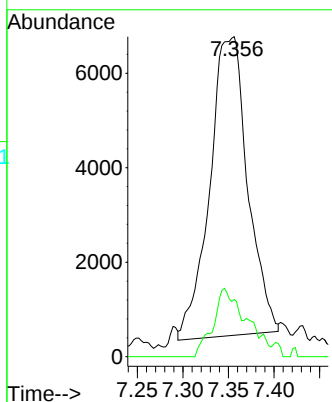
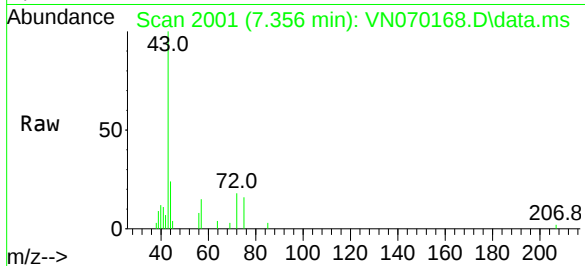




#25
2-Butanone
Concen: 1.676 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.019 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

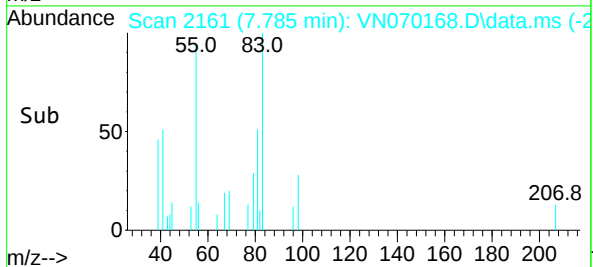
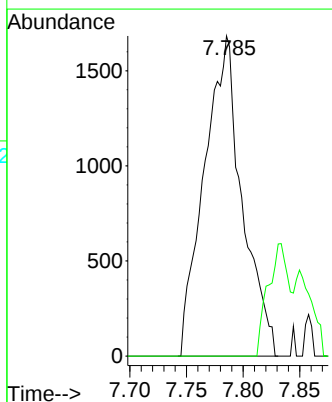
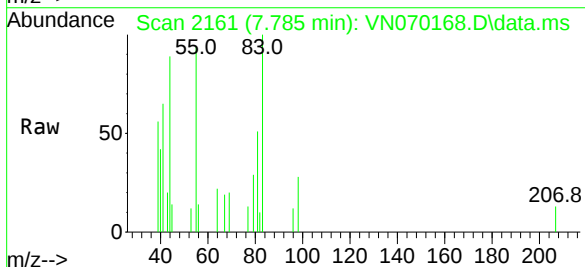
Instrument :
MSVOA_N
ClientSampleId :

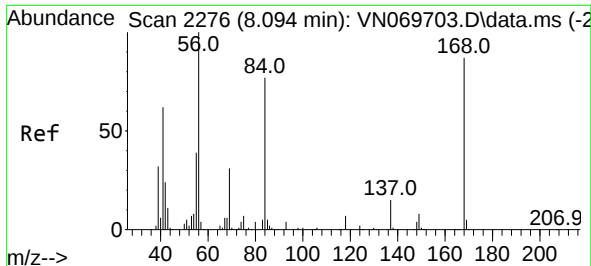
Tgt Ion: 43 Resp: 18328
Ion Ratio Lower Upper
43 100
72 19.4 21.7 32.5#



#30
Chloroform
Concen: 0.206 ug/l
RT: 7.785 min Scan# 2161
Delta R.T. -0.035 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

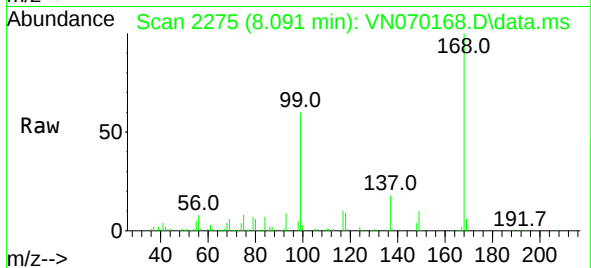
Tgt Ion: 83 Resp: 3913
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#



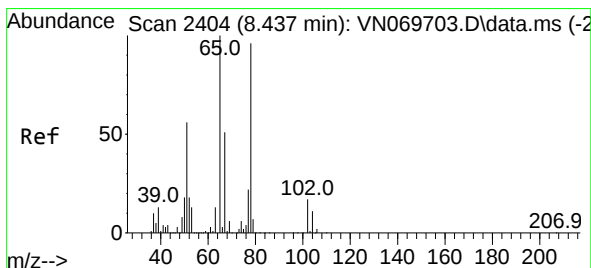
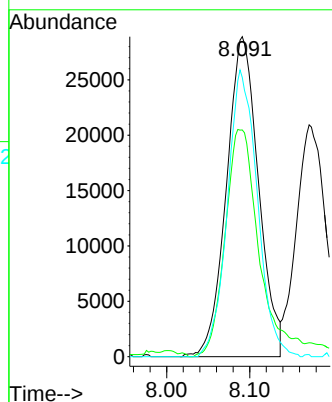
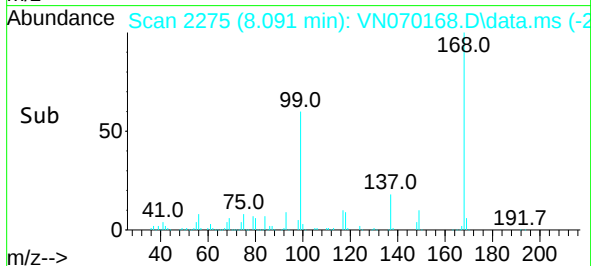


#31
Cyclohexane
Concen: 4.161 ug/l
RT: 8.091 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

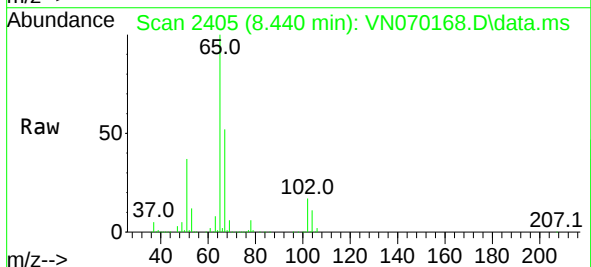
Instrument :
MSVOA_N
ClientSampleId :



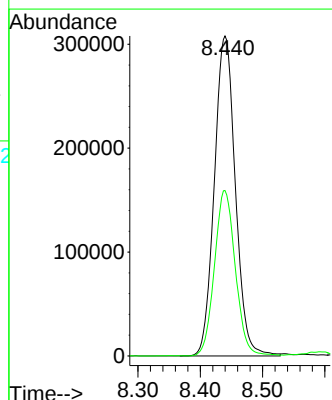
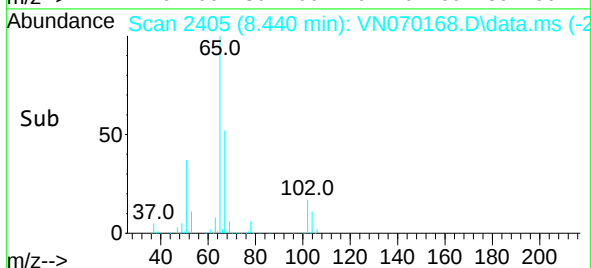
Tgt Ion: 56 Resp: 77449
Ion Ratio Lower Upper
56 100
69 69.9 27.1 40.7#
84 87.2 73.4 110.0

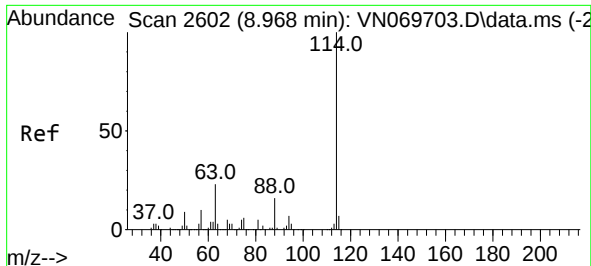


#33
1,2-Dichloroethane-d4
Concen: 53.984 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01



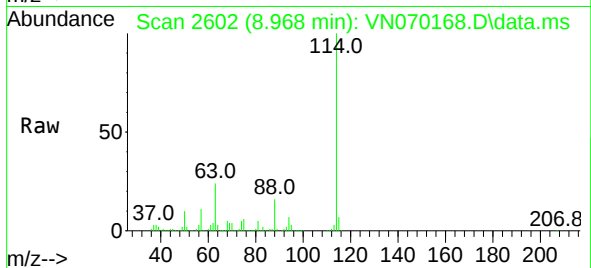
Tgt Ion: 65 Resp: 722082
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0



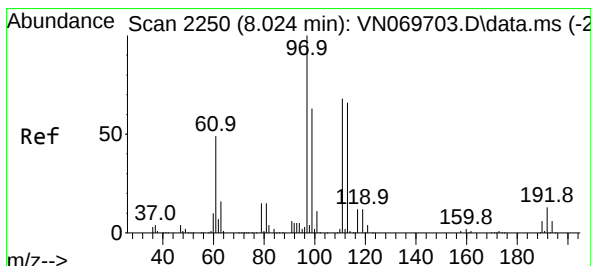
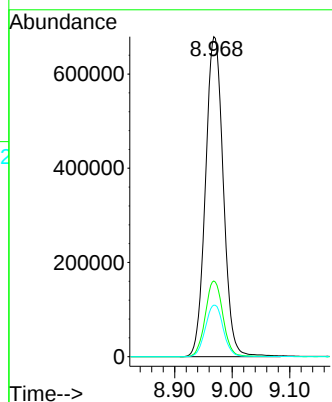
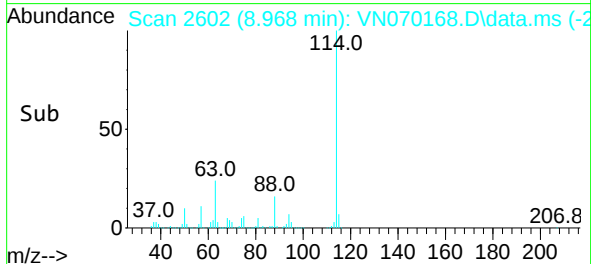


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :

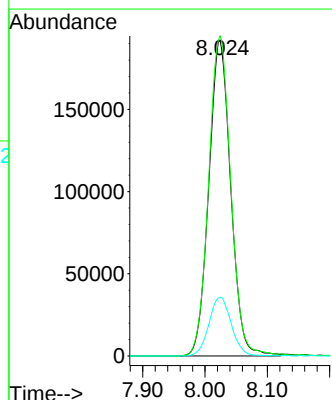
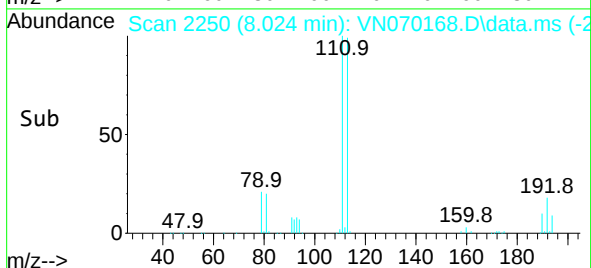
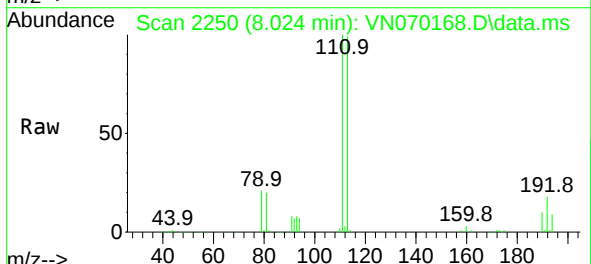


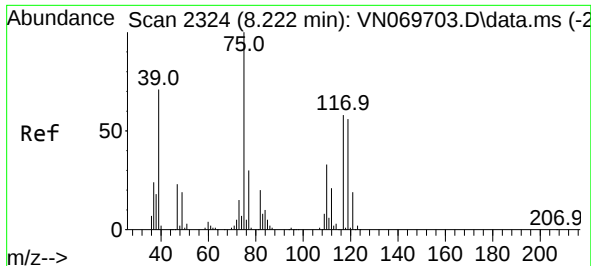
Tgt Ion:114 Resp: 1458279
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 51.358 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

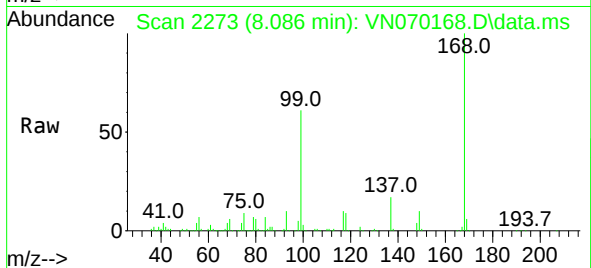
Tgt Ion:113 Resp: 469118
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.1 16.9 25.3



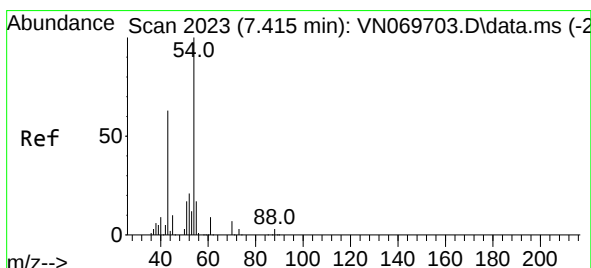
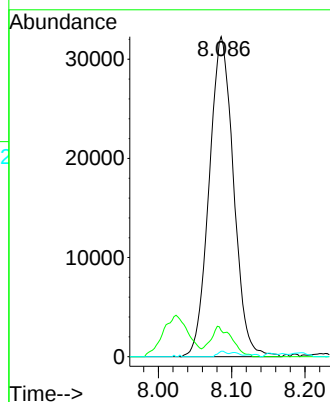
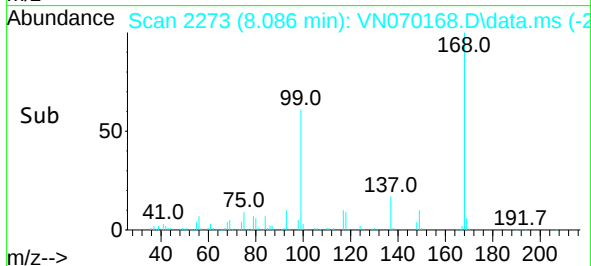


#36
1,1-Dichloropropene
Concen: 5.378 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.137 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :

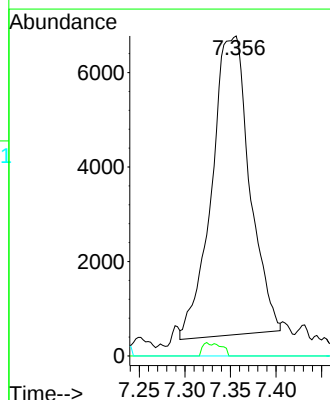
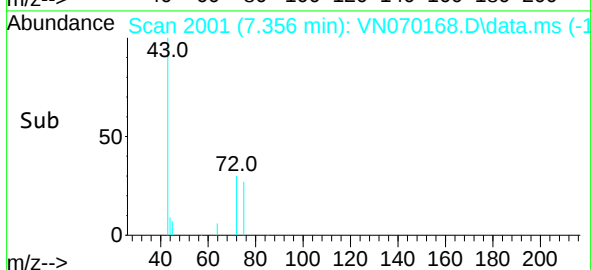
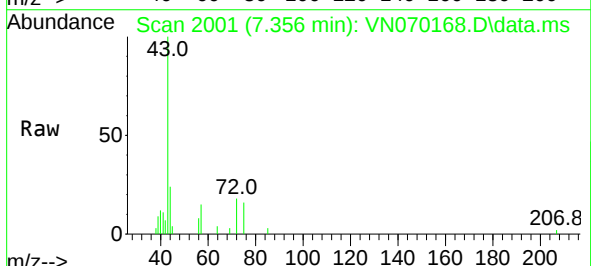


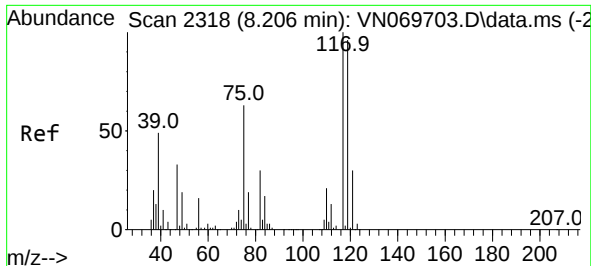
Tgt Ion: 75 Resp: 74657
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.887 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. -0.059 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

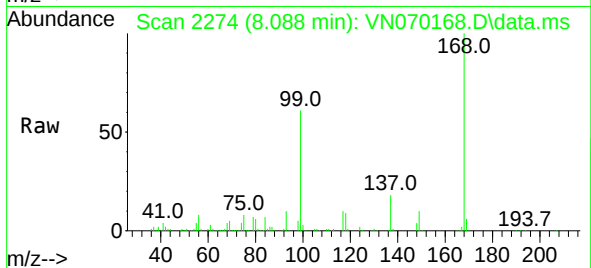
Tgt Ion: 43 Resp: 18328
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



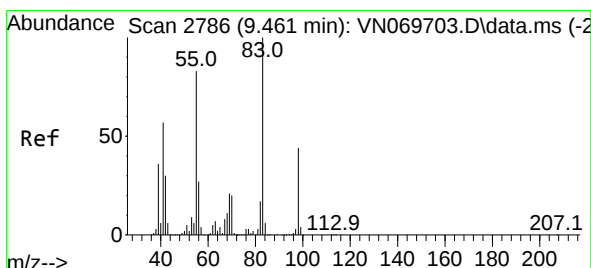
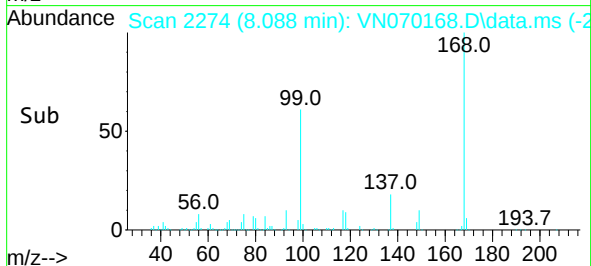
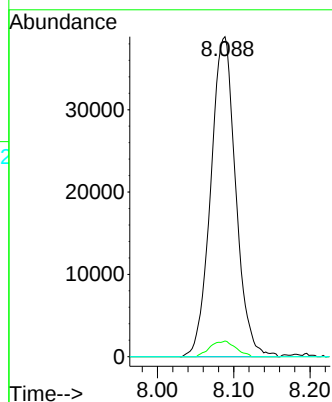


#38
Carbon Tetrachloride
Concen: 6.488 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.118 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :

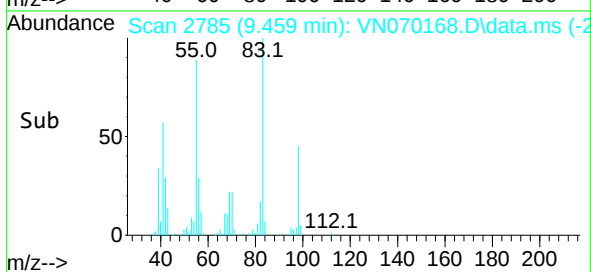
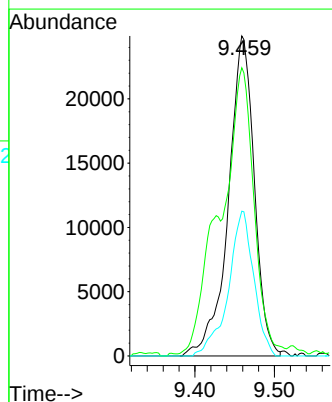
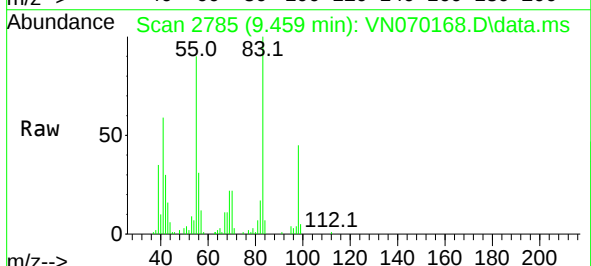


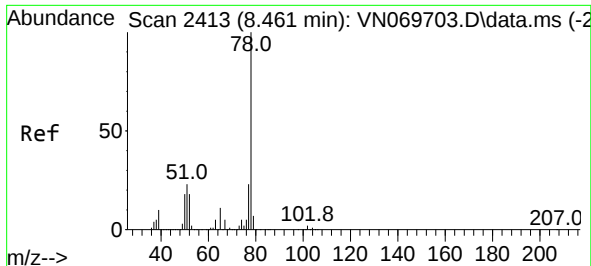
Tgt Ion:117 Resp: 88325
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 3.425 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 83 Resp: 56557
Ion Ratio Lower Upper
83 100
55 89.2 58.1 87.1#
98 45.2 38.4 57.6

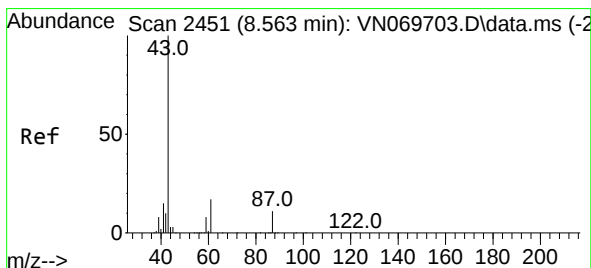
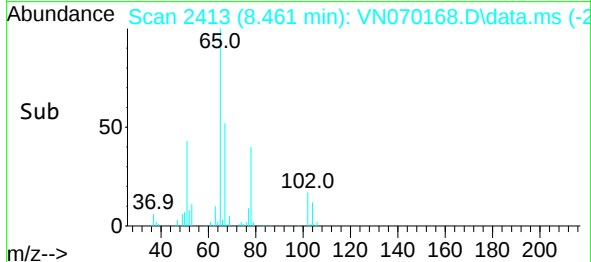
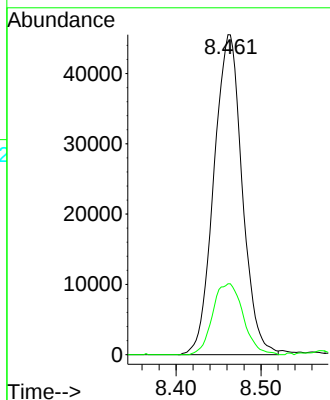
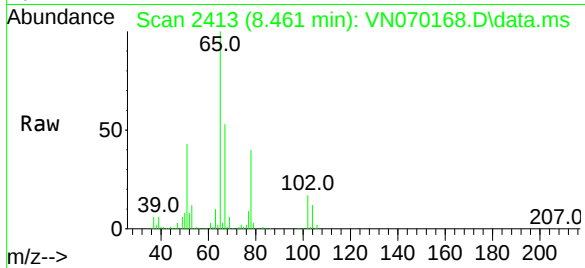




#40
Benzene
Concen: 2.488 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

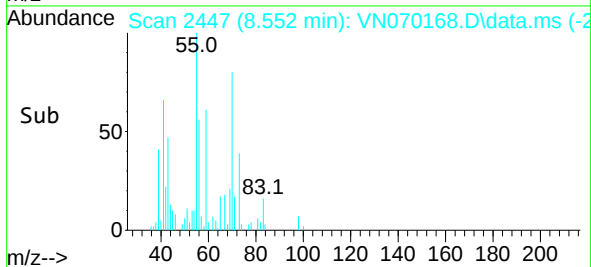
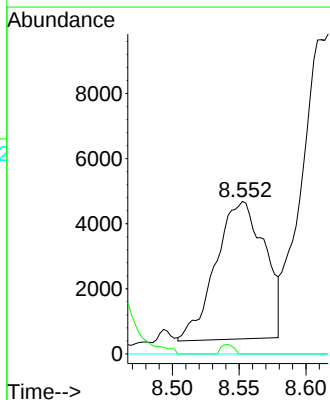
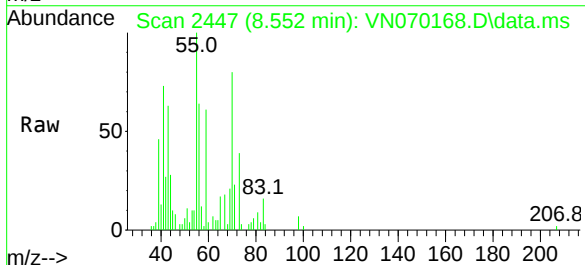
Instrument :
MSVOA_N
ClientSampleId :

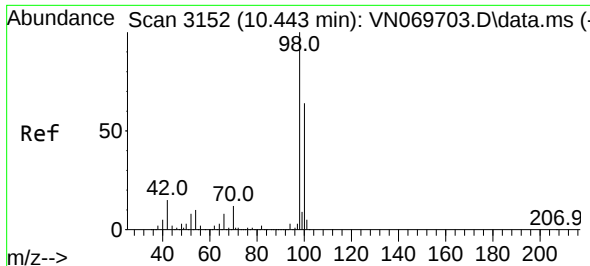
Tgt Ion: 78 Resp: 105561
Ion Ratio Lower Upper
78 100
77 22.1 18.6 27.8



#43
Isopropyl Acetate
Concen: 0.354 ug/l
RT: 8.552 min Scan# 2447
Delta R.T. -0.011 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 43 Resp: 10837
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

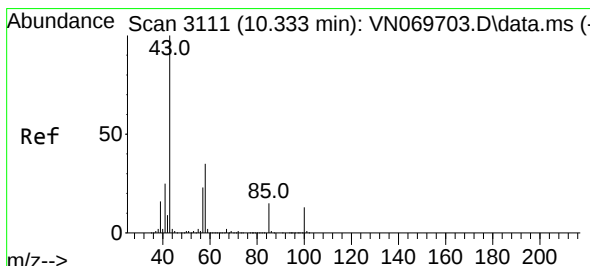
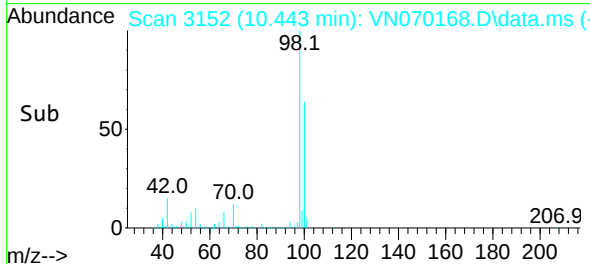
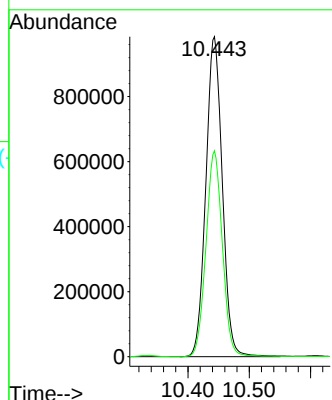
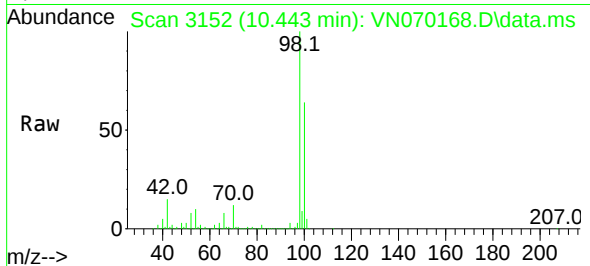




#50
Toluene-d8
Concen: 50.109 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

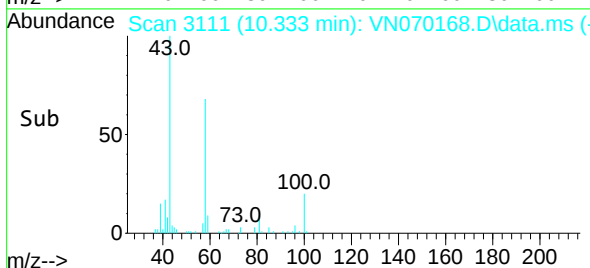
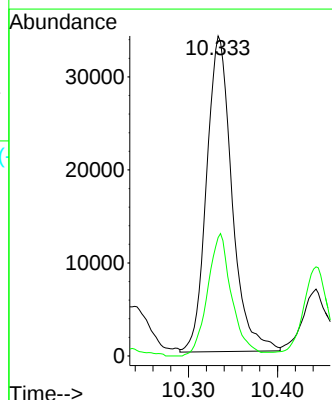
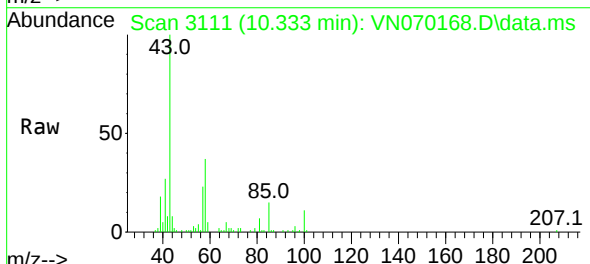
Instrument :
MSVOA_N
ClientSampleId :

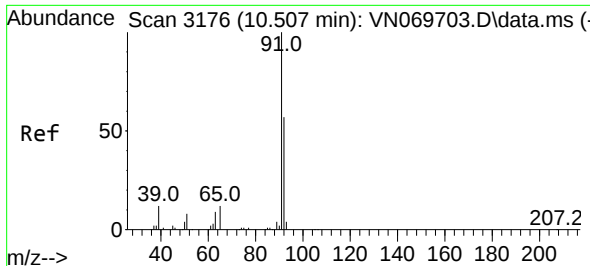
Tgt Ion: 98 Resp: 1837879
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 3.388 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 43 Resp: 67208
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6

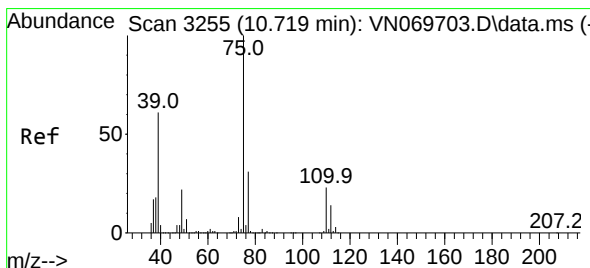
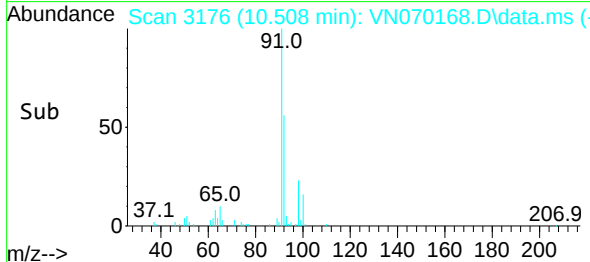
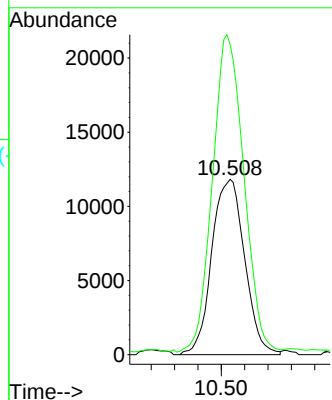
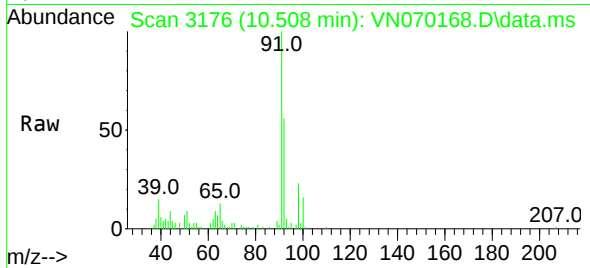




#52
Toluene
Concen: 0.892 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

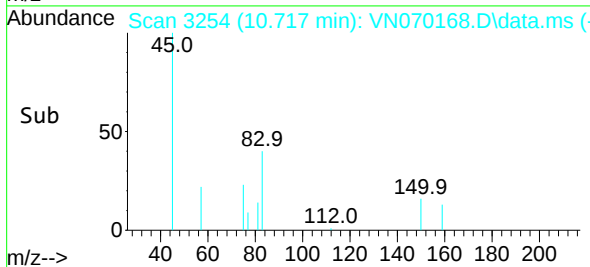
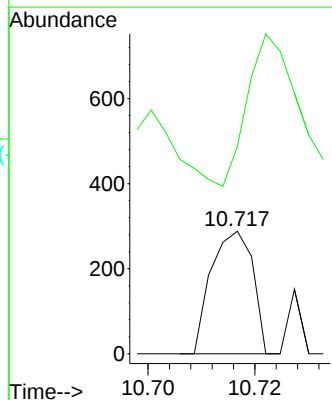
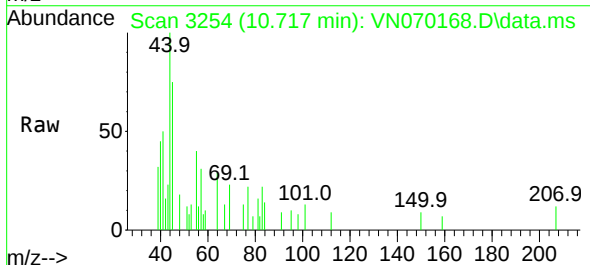
Instrument :
MSVOA_N
ClientSampleId :

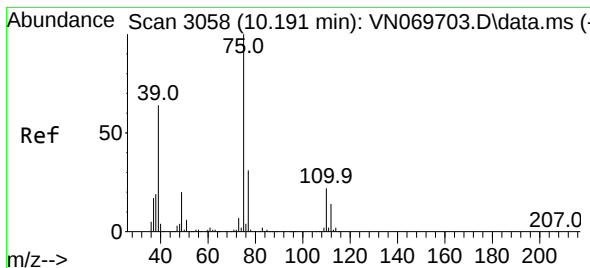
Tgt Ion: 92 Resp: 23113
Ion Ratio Lower Upper
92 100
91 172.5 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.803 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. -0.002 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

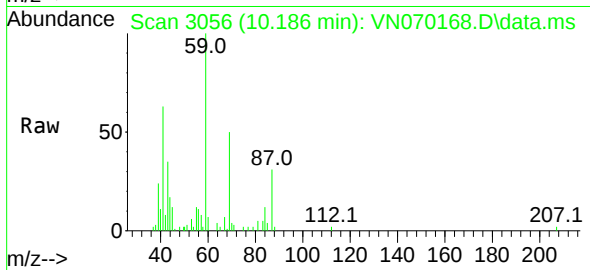
Tgt Ion: 75 Resp: 155
Ion Ratio Lower Upper
75 100
77 10.4 25.6 38.4#



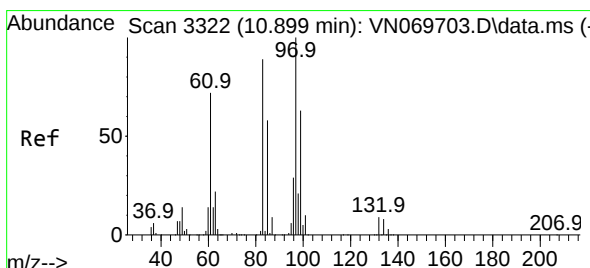
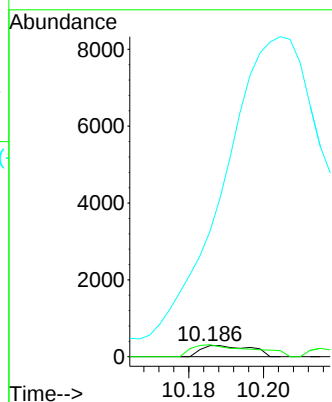
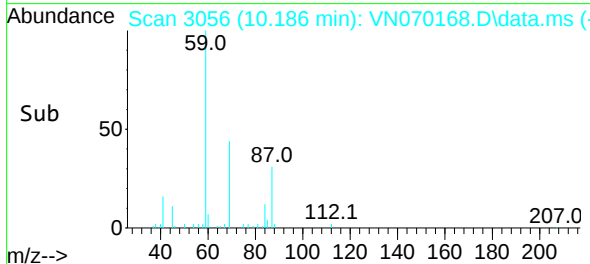


#54
 cis-1,3-Dichloropropene
 Concen: 2.013 ug/l
 RT: 10.186 min Scan# 3058
 Delta R.T. -0.005 min
 Lab File: VN070168.D
 Acq: 17 Dec 2021 17:01

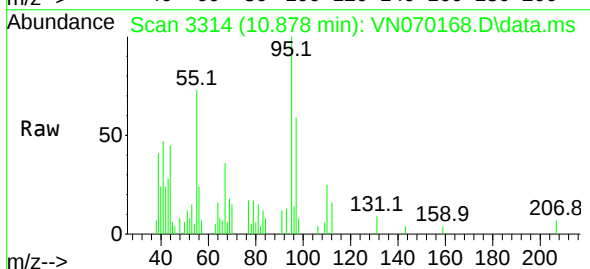
Instrument :
 MSVOA_N
 ClientSampleId :



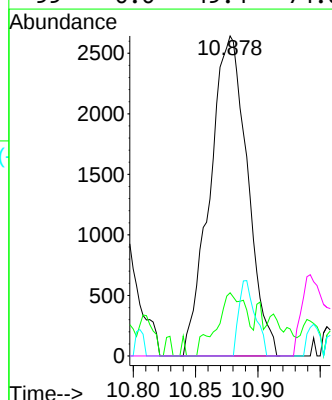
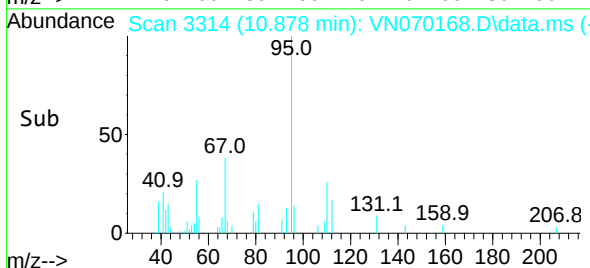
Tgt Ion: 75 Resp: 267
 Ion Ratio Lower Upper
 75 100
 77 107.6 26.4 39.6#
 39 550.2 42.5 63.7#

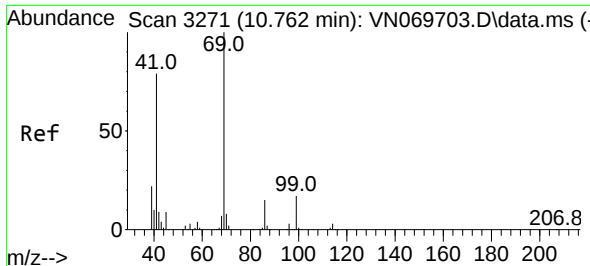


#55
 1,1,2-Trichloroethane
 Concen: 0.530 ug/l
 RT: 10.878 min Scan# 3314
 Delta R.T. -0.021 min
 Lab File: VN070168.D
 Acq: 17 Dec 2021 17:01



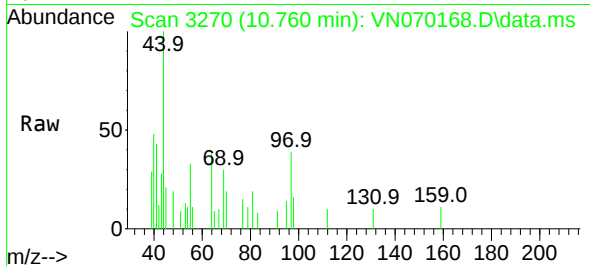
Tgt Ion: 97 Resp: 5538
 Ion Ratio Lower Upper
 97 100
 83 19.8 67.8 101.6#
 85 0.0 45.4 68.2#
 99 0.0 49.4 74.0#



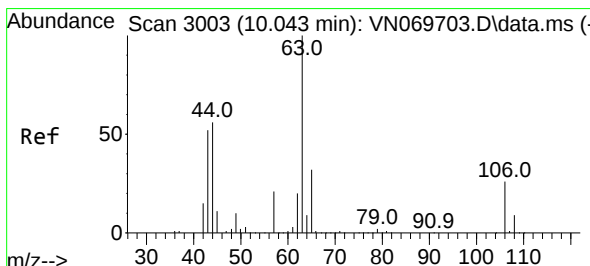
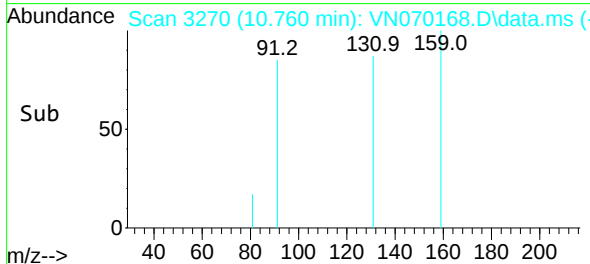
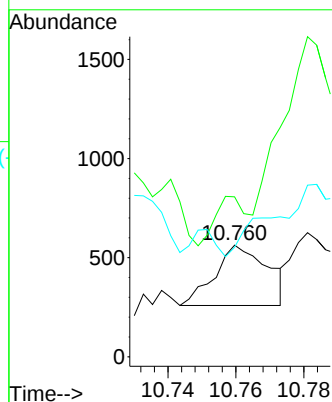


#56
Ethyl methacrylate
Concen: 2.295 ug/l
RT: 10.760 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :

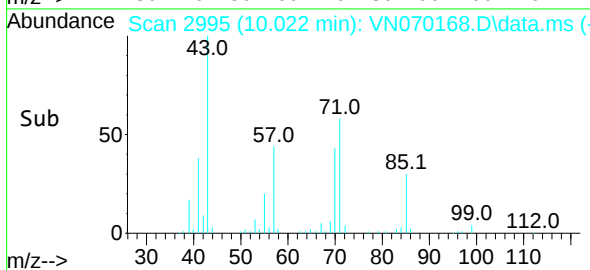
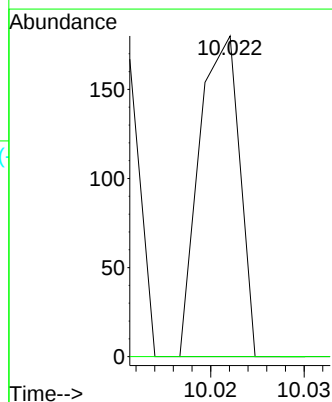
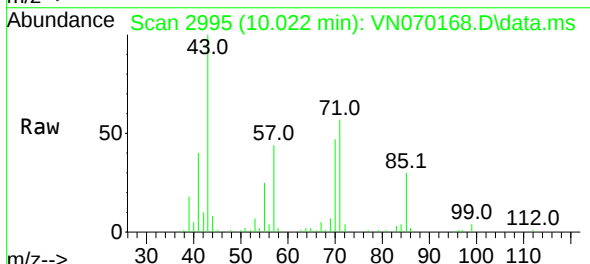


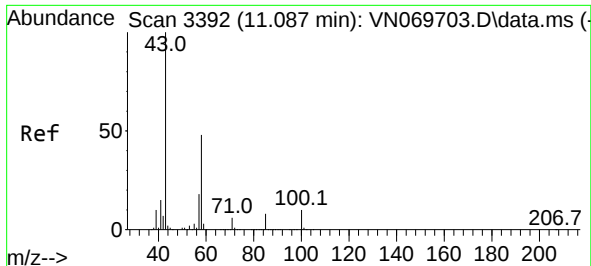
Tgt Ion: 69 Resp: 328
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.398 ug/l
RT: 10.022 min Scan# 2995
Delta R.T. -0.021 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

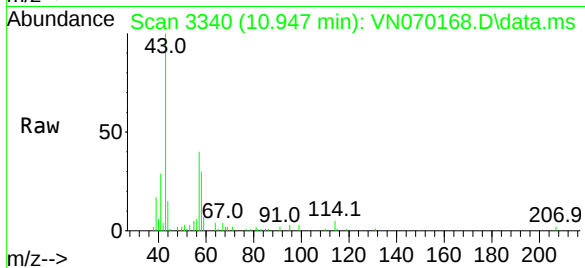
Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



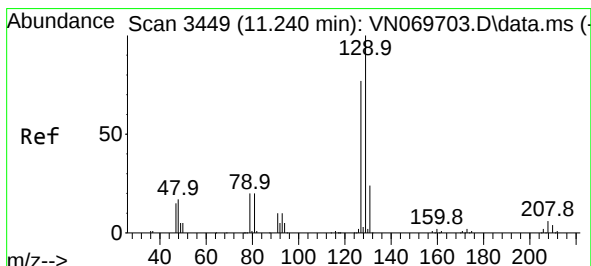
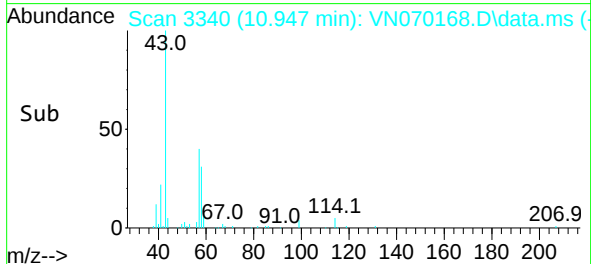
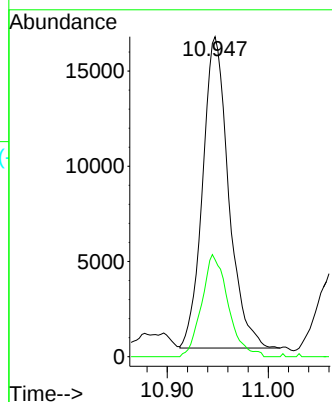


#59
2-Hexanone
Concen: 1.951 ug/l
RT: 10.947 min Scan# 31
Delta R.T. -0.140 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :

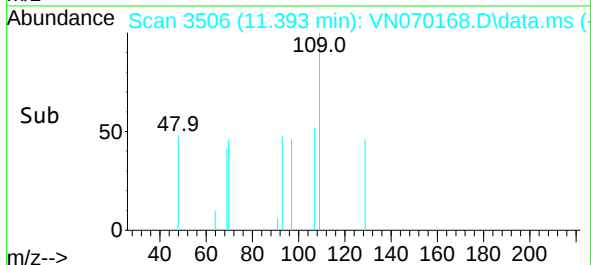
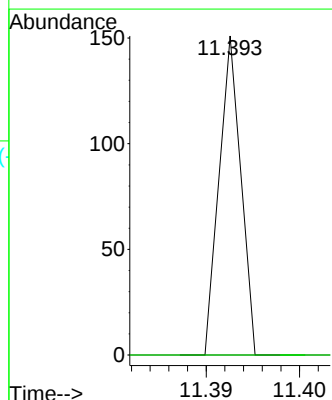
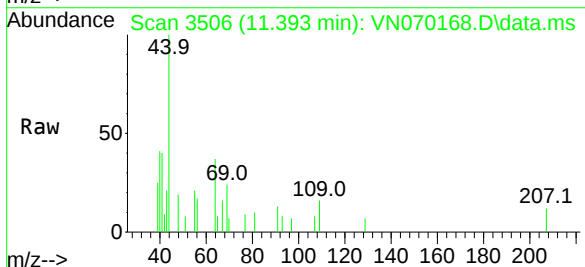


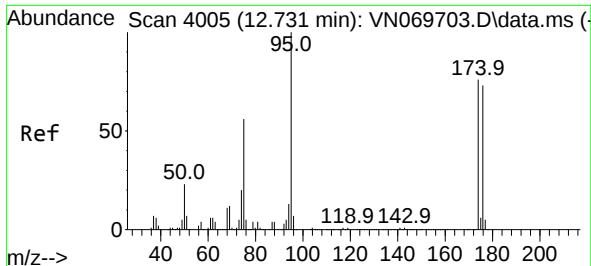
Tgt Ion: 43 Resp: 29268
Ion Ratio Lower Upper
43 100
58 33.2 26.9 80.7



#60
Dibromochloromethane
Concen: 2.378 ug/l
RT: 11.393 min Scan# 3506
Delta R.T. 0.153 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 129 Resp: 24
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

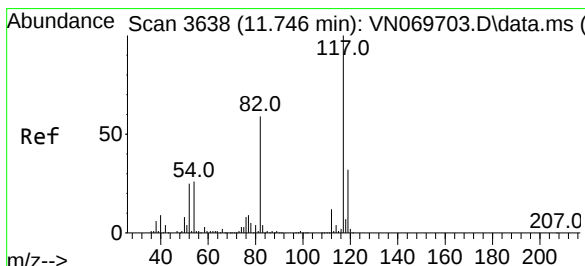
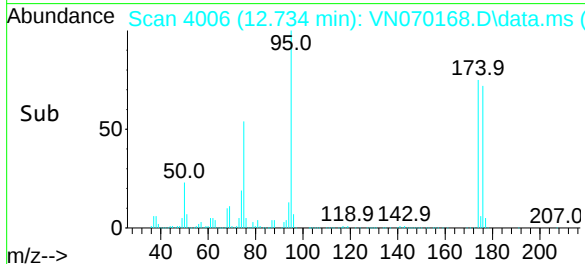
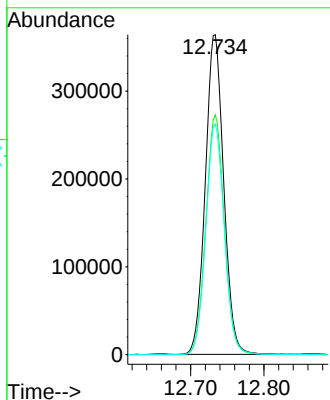
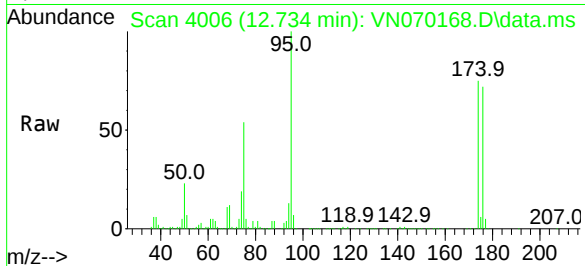




#62
4-Bromofluorobenzene
Concen: 47.728 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

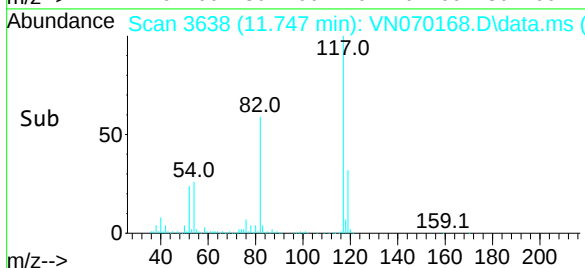
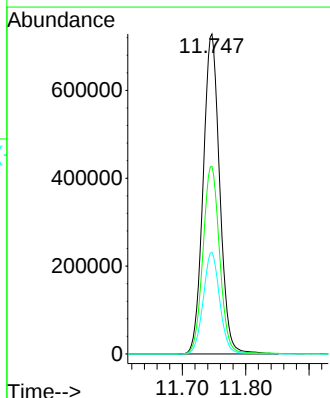
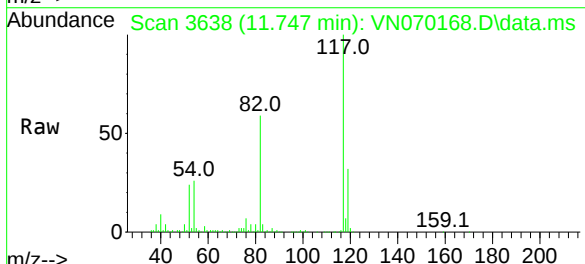
Instrument :
MSVOA_N
ClientSampleId :

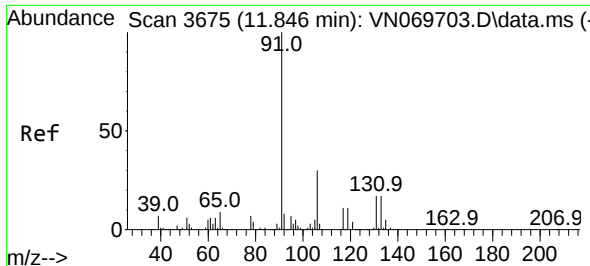
Tgt Ion: 95 Resp: 634187
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 72.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 117 Resp: 1320951
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.8 25.4 38.2

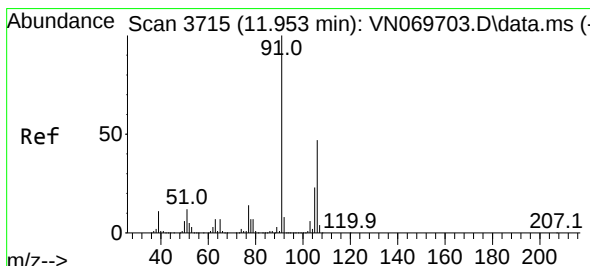
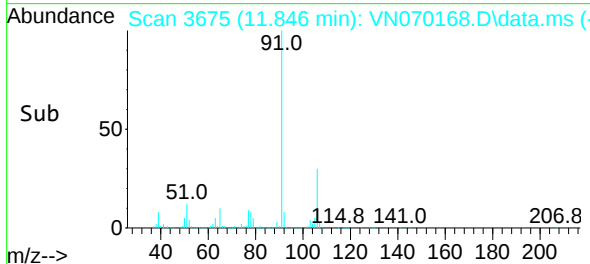
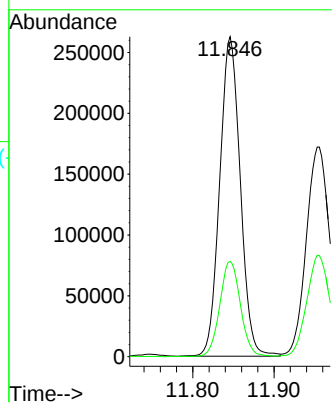
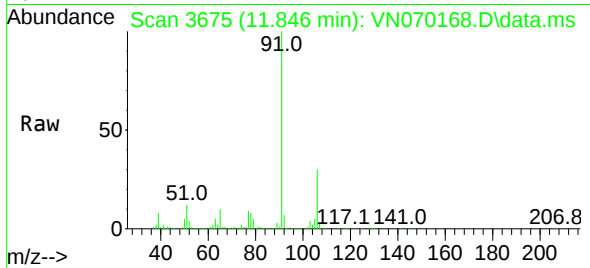




#67
Ethyl Benzene
Concen: 9.475 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

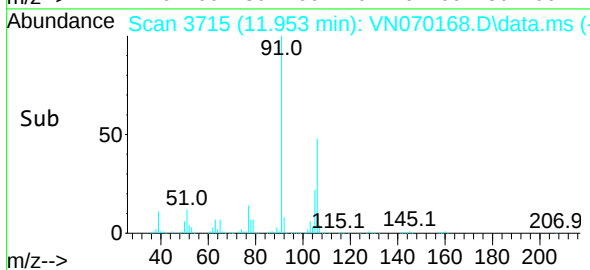
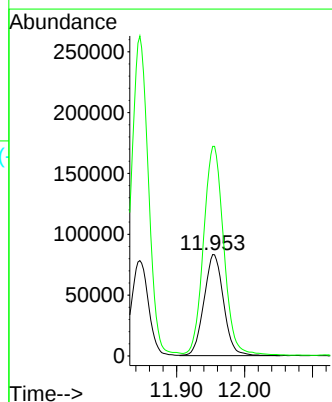
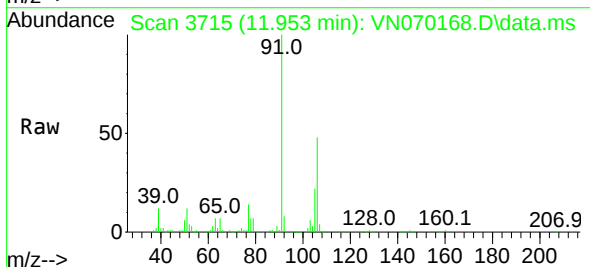
Instrument :
MSVOA_N
ClientSampleId :

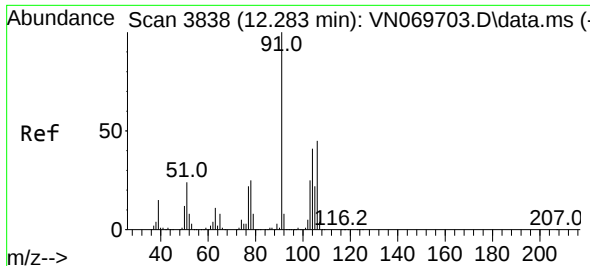
Tgt Ion: 91 Resp: 461216
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5



#68
m/p-Xylenes
Concen: 9.382 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 106 Resp: 166290
Ion Ratio Lower Upper
106 100
91 213.6 160.6 240.8

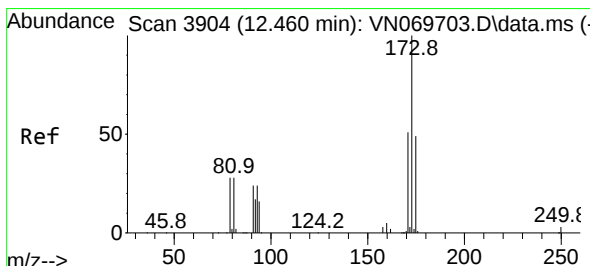
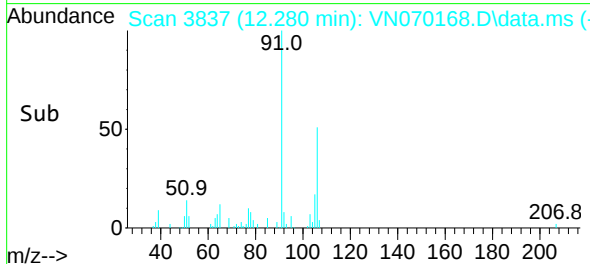
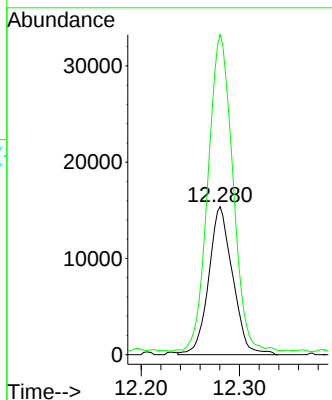
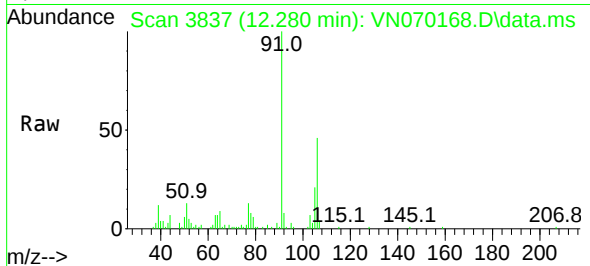




#69
o-Xylene
Concen: 1.457 ug/l
RT: 12.280 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

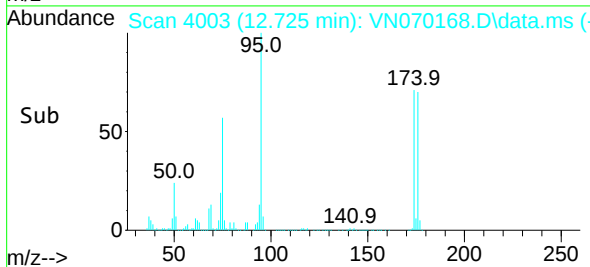
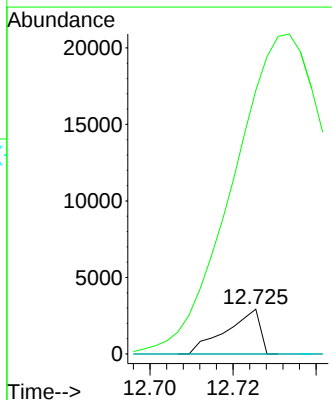
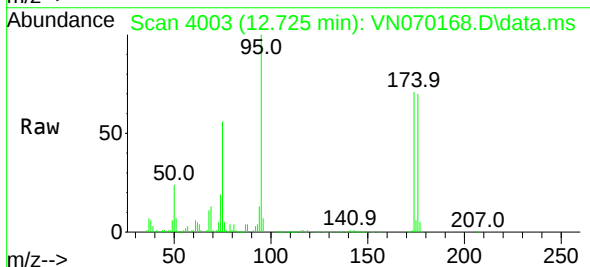
Instrument :
MSVOA_N
ClientSampleId :

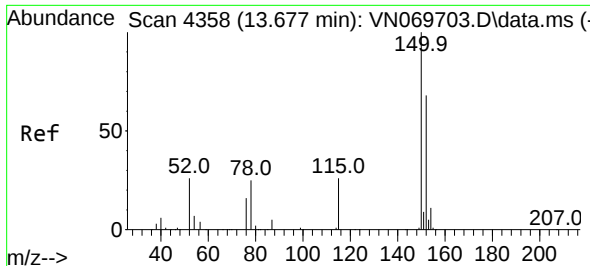
Tgt Ion:106 Resp: 26013
Ion Ratio Lower Upper
106 100
91 219.6 105.8 317.3



#71
Bromoform
Concen: 2.924 ug/l
RT: 12.725 min Scan# 4003
Delta R.T. 0.265 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

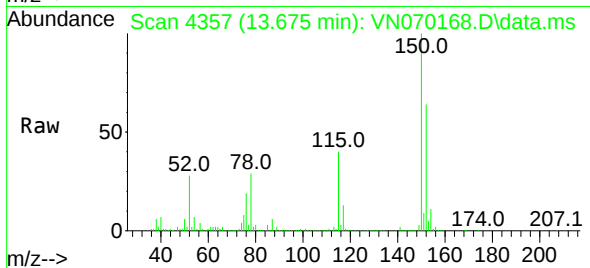
Tgt Ion:173 Resp: 1652
Ion Ratio Lower Upper
173 100
175 2044.6 24.2 72.6#
254 0.0 0.0 0.0



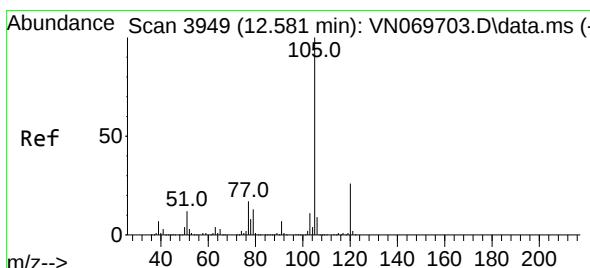
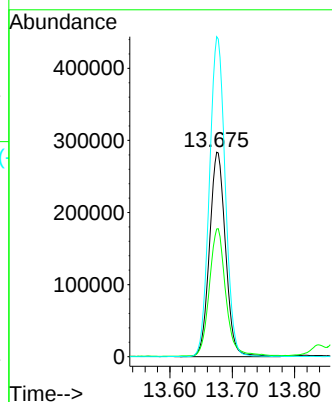
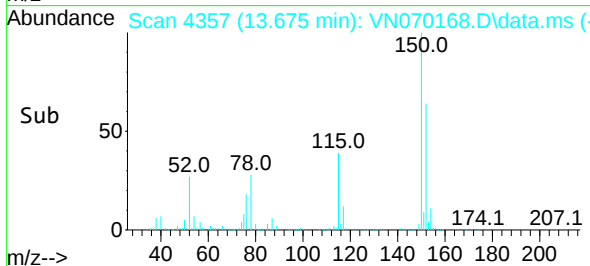


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

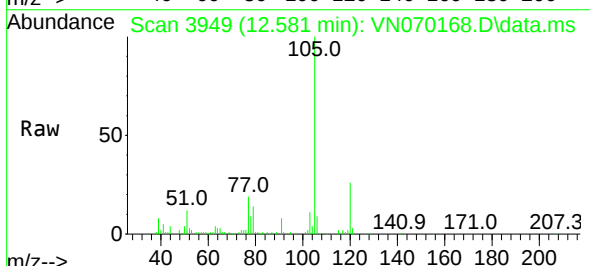
Instrument :
MSVOA_N
ClientSampleId :



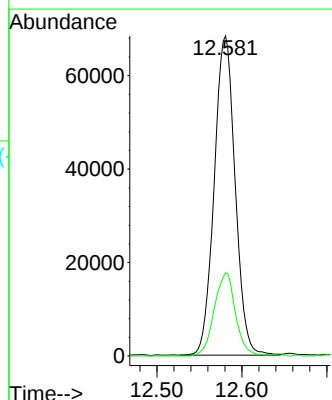
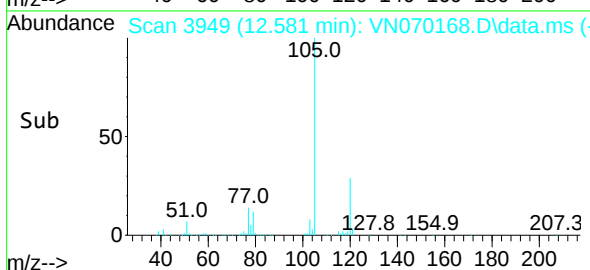
Tgt Ion:152 Resp: 506254
Ion Ratio Lower Upper
152 100
115 63.5 27.5 82.5
150 154.5 0.0 344.4

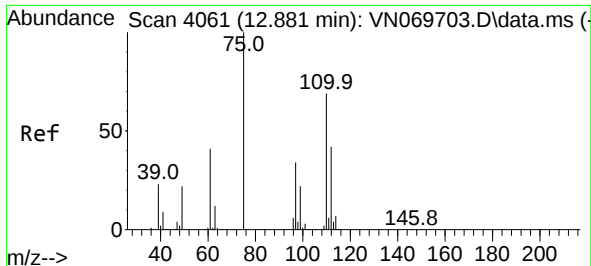


#73
Isopropylbenzene
Concen: 2.600 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01



Tgt Ion:105 Resp: 117099
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

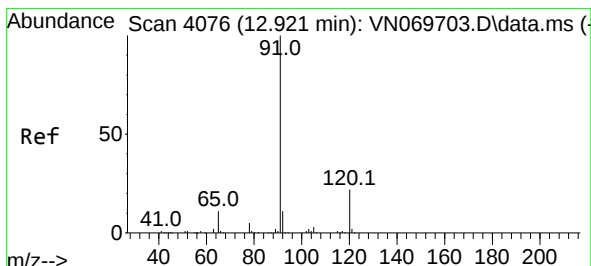
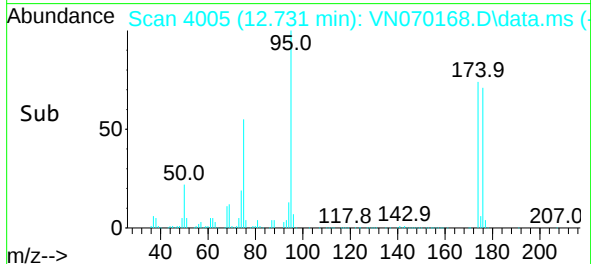
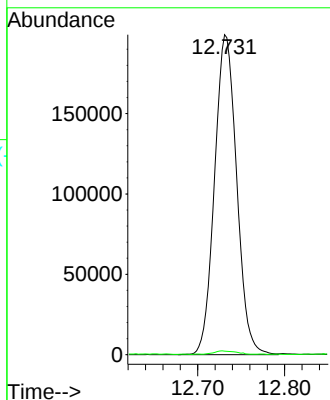
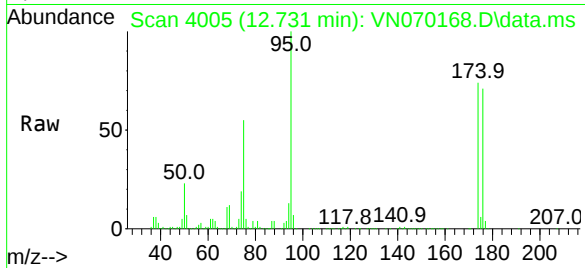




#76
1,2,3-Trichloropropane
Concen: 24.248 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

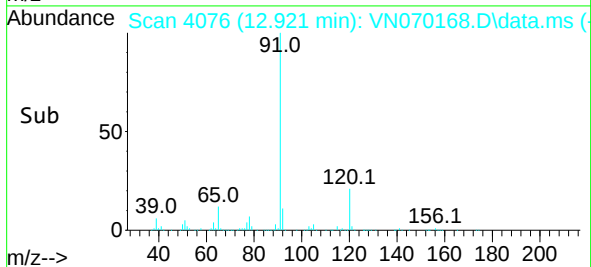
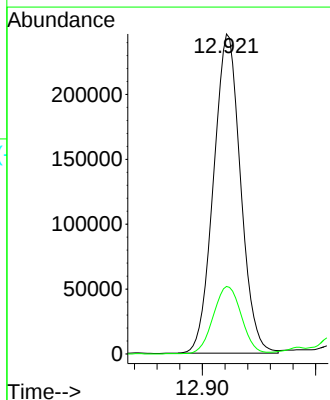
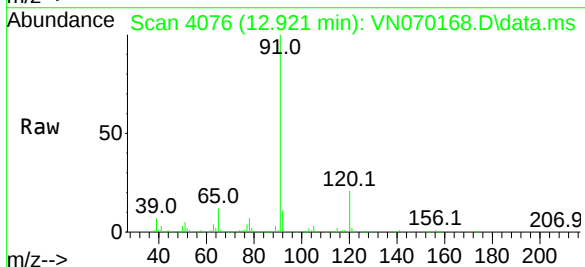
Instrument :
MSVOA_N
ClientSampleId :

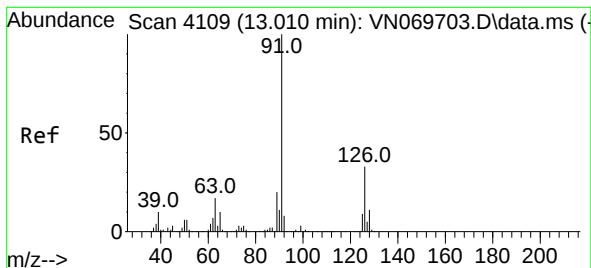
Tgt Ion: 75 Resp: 352043
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



#78
n-propylbenzene
Concen: 8.129 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 91 Resp: 407466
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





#79

2-Chlorotoluene

Concen: 12.866 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. -0.088 min

Lab File: VN070168.D

Acq: 17 Dec 2021 17:01

Instrument :

MSVOA_N

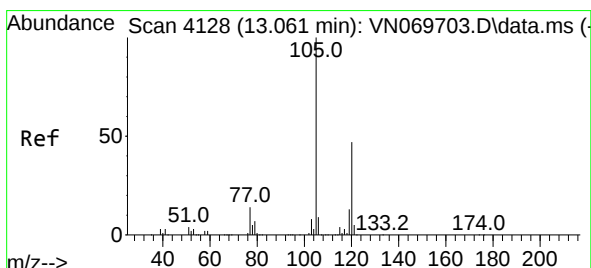
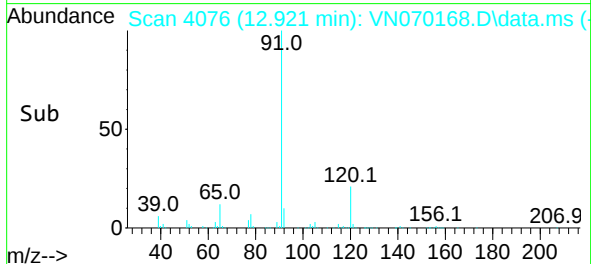
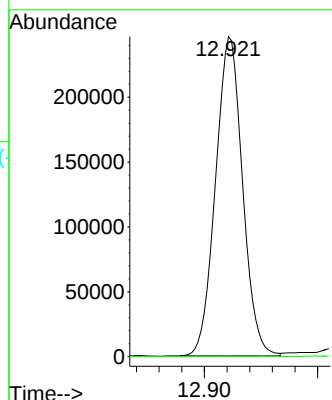
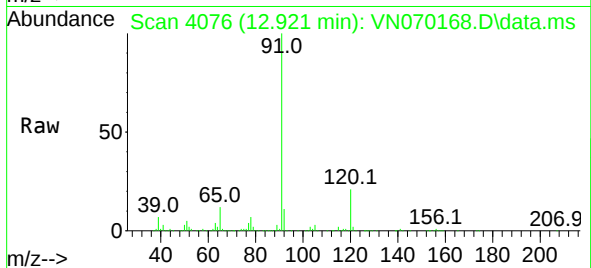
ClientSampleId :

Tgt Ion: 91 Resp: 407466

Ion Ratio Lower Upper

91 100

126 0.1 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 1.304 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. 0.000 min

Lab File: VN070168.D

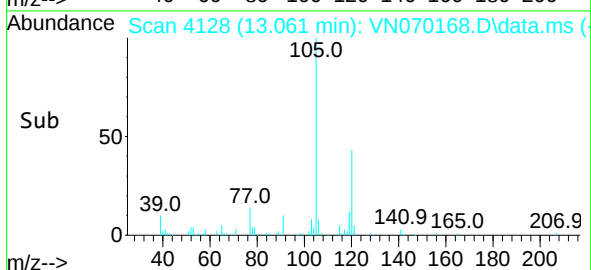
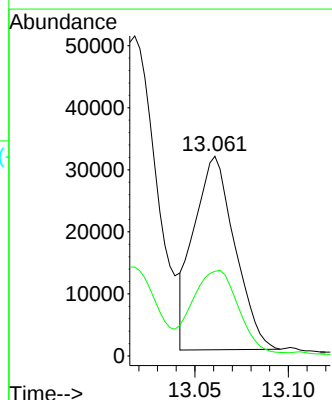
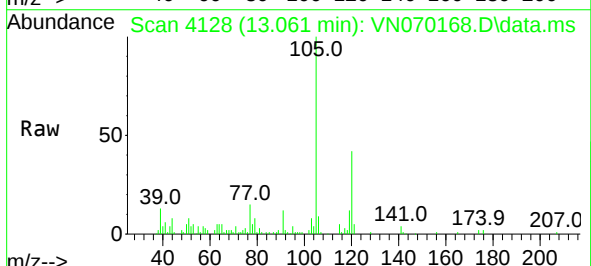
Acq: 17 Dec 2021 17:01

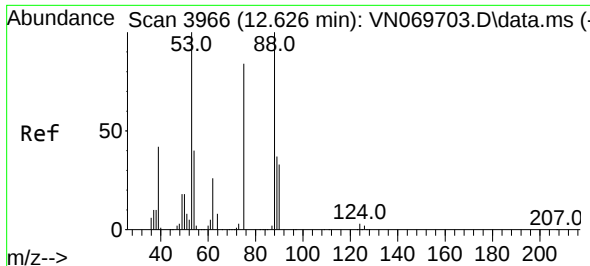
Tgt Ion: 105 Resp: 47261

Ion Ratio Lower Upper

105 100

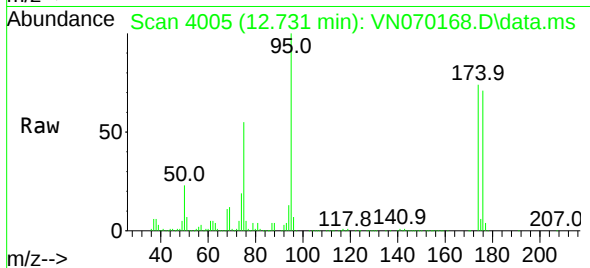
120 47.9 24.6 73.6



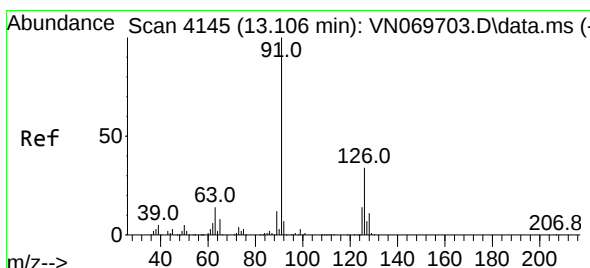
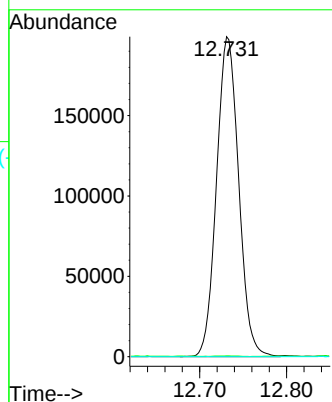
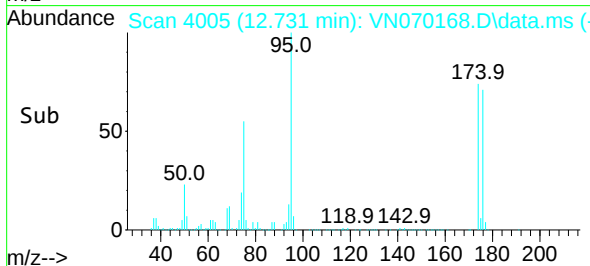


#81
trans-1,4-Dichloro-2-butene
Concen: 76.977 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Instrument :
MSVOA_N
ClientSampleId :

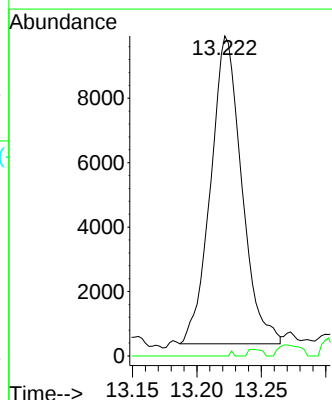
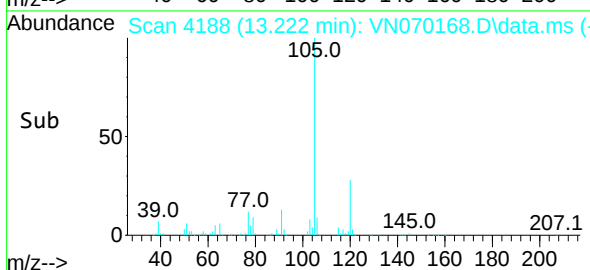
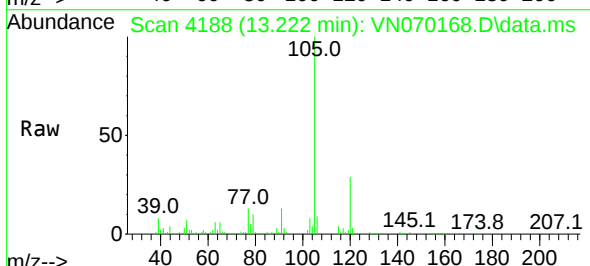


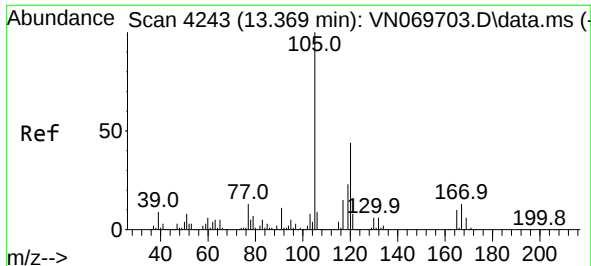
Tgt Ion: 75 Resp: 352043
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.538 ug/l
RT: 13.222 min Scan# 4188
Delta R.T. 0.115 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 91 Resp: 16023
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#

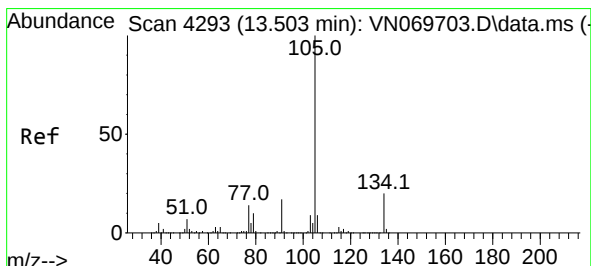
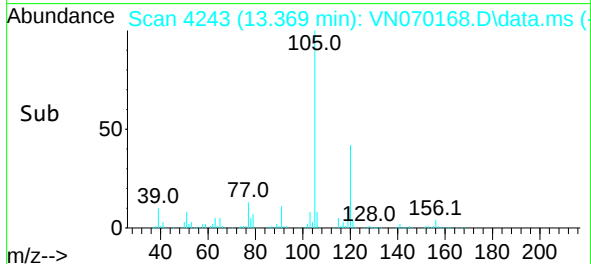
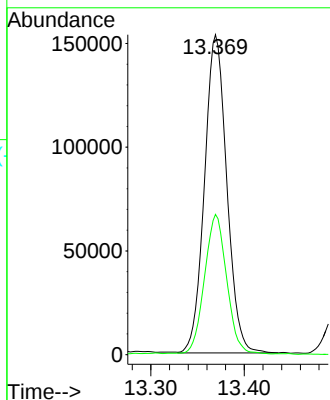
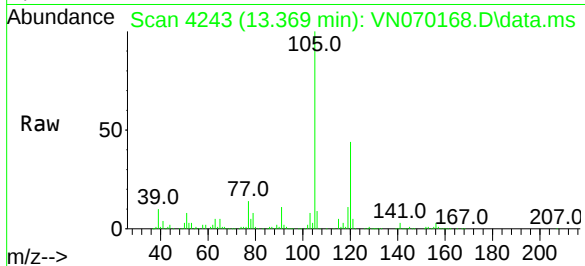




#84
1,2,4-Trimethylbenzene
Concen: 7.370 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

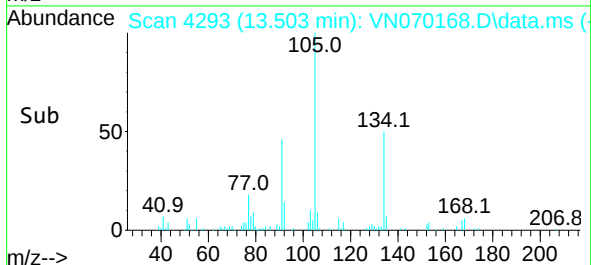
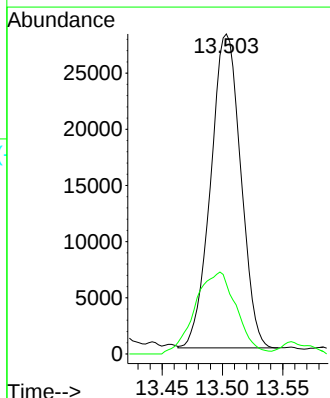
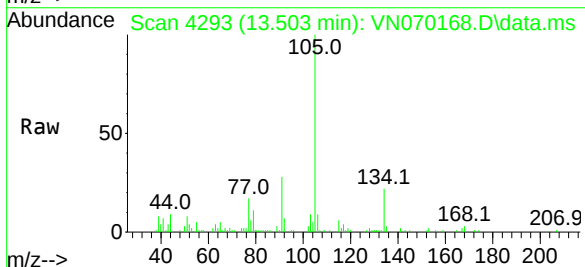
Instrument :
MSVOA_N
ClientSampleId :

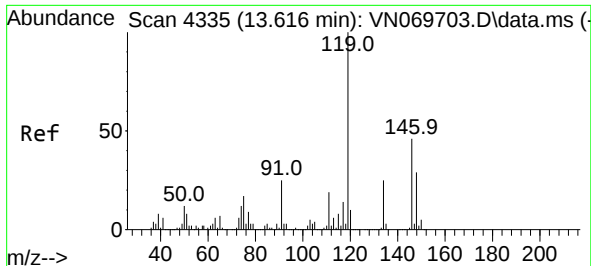
Tgt Ion:105 Resp: 254478
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.114 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion:105 Resp: 48500
Ion Ratio Lower Upper
105 100
134 35.7 10.4 31.1#

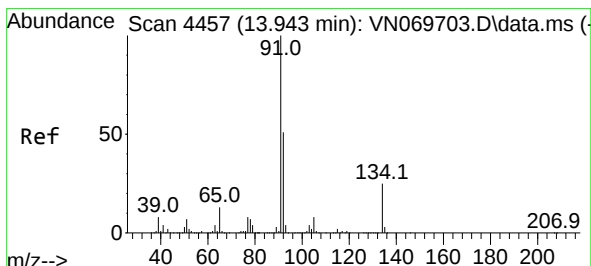
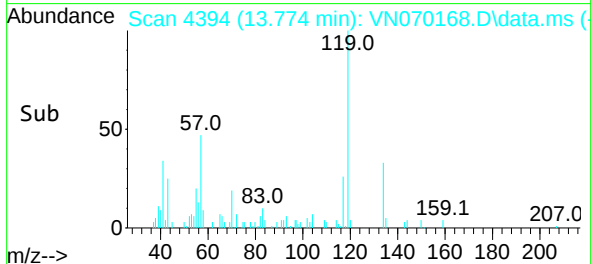
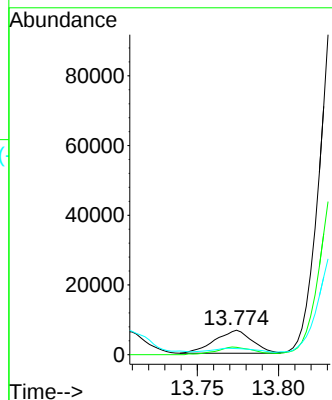
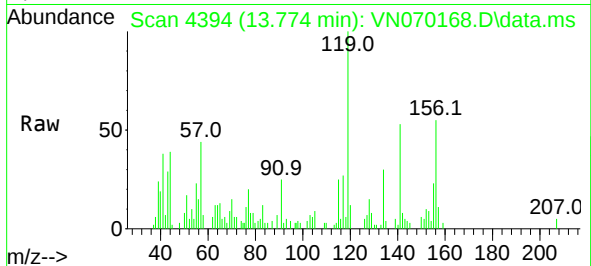




#86
p-Isopropyltoluene
Concen: 0.310 ug/l
RT: 13.774 min Scan# 41
Delta R.T. 0.158 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

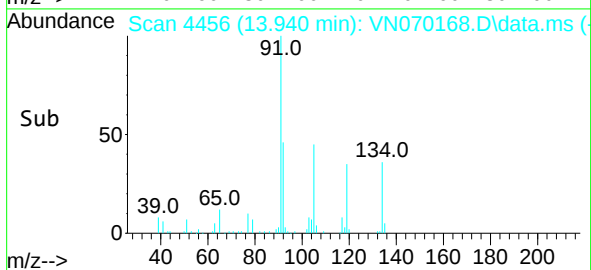
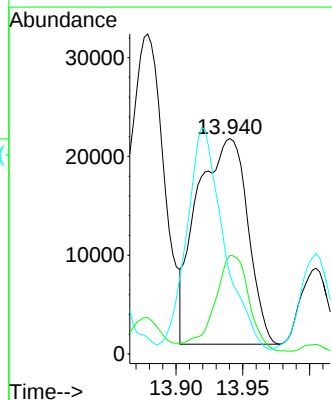
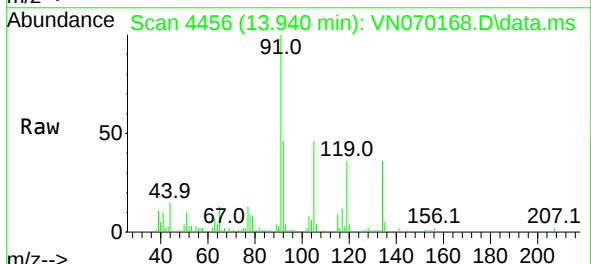
Instrument :
MSVOA_N
ClientSampleId :

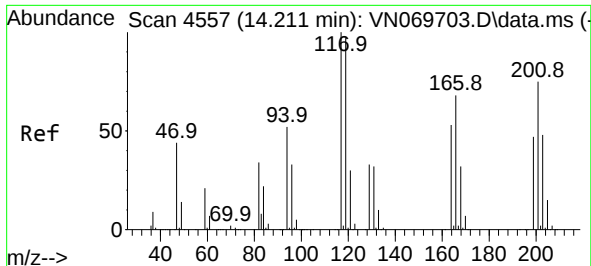
Tgt Ion:119 Resp: 10555
Ion Ratio Lower Upper
119 100
134 32.9 13.6 40.7
91 18.3 11.4 34.1



#89
n-Butylbenzene
Concen: 1.980 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.003 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion: 91 Resp: 54661
Ion Ratio Lower Upper
91 100
92 34.6 25.4 76.0
134 0.0 13.6 40.8#

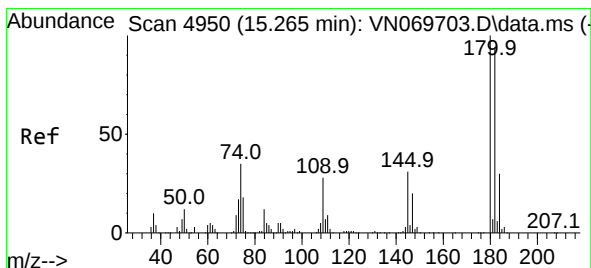
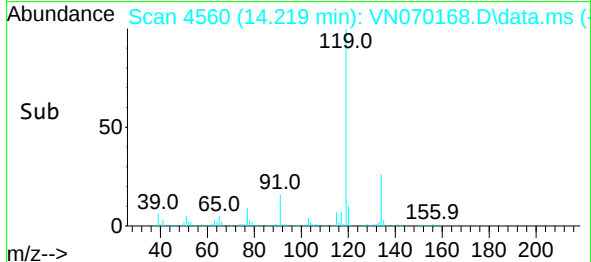
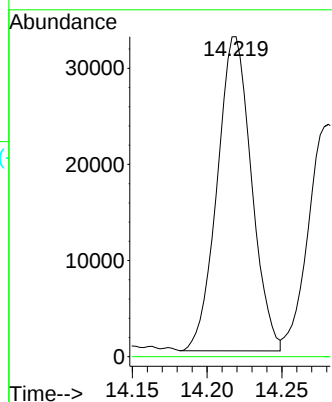
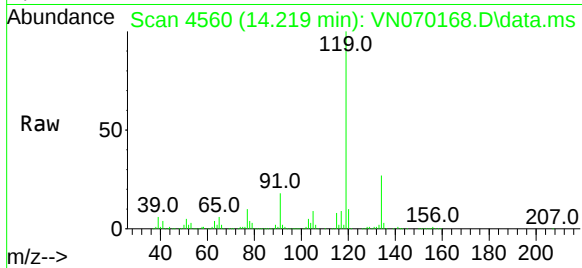




#90
Hexachloroethane
Concen: 8.754 ug/l
RT: 14.219 min Scan# 41
Delta R.T. 0.008 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

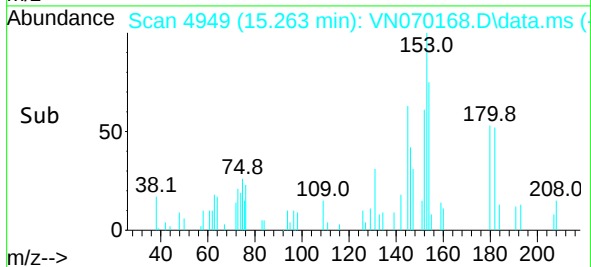
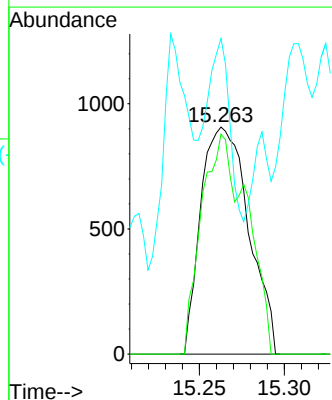
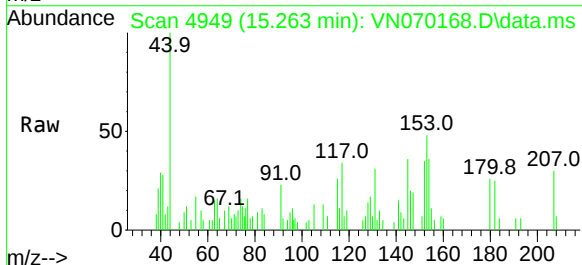
Instrument :
MSVOA_N
ClientSampleId :

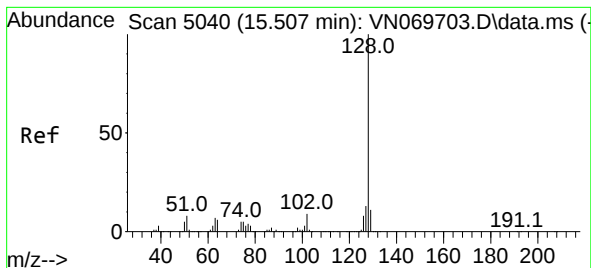
Tgt Ion:117 Resp: 52312
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#93
1,2,4-Trichlorobenzene
Concen: 3.079 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN070168.D
Acq: 17 Dec 2021 17:01

Tgt Ion:180 Resp: 1775
Ion Ratio Lower Upper
180 100
182 92.6 48.3 144.9
145 33.5 14.5 43.5





#95

Naphthalene

Concen: 30.671 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN070168.D

Acq: 17 Dec 2021 17:01

Instrument :

MSVOA_N

ClientSampleId :

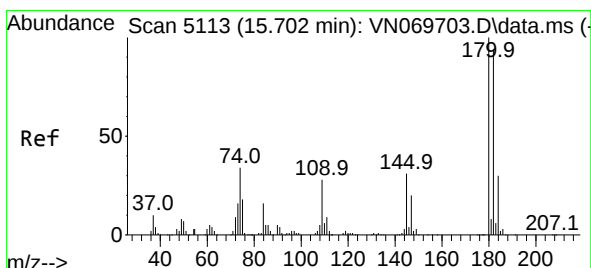
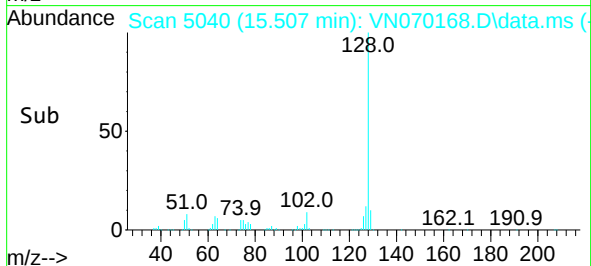
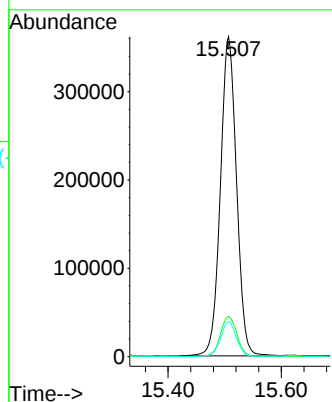
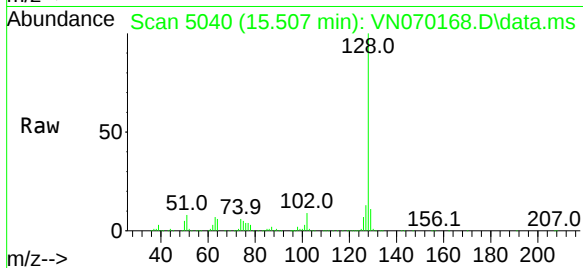
Tgt Ion:128 Resp: 717406

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.630 ug/l

RT: 15.697 min Scan# 5111

Delta R.T. -0.005 min

Lab File: VN070168.D

Acq: 17 Dec 2021 17:01

Tgt Ion:180 Resp: 1651

Ion Ratio Lower Upper

180 100

182 119.1 47.4 142.2

145 37.6 15.0 45.1

