

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070357.D
 Acq On : 29 Dec 2021 18:49
 Operator : JC/MD
 Sample : M5128-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 01:52:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

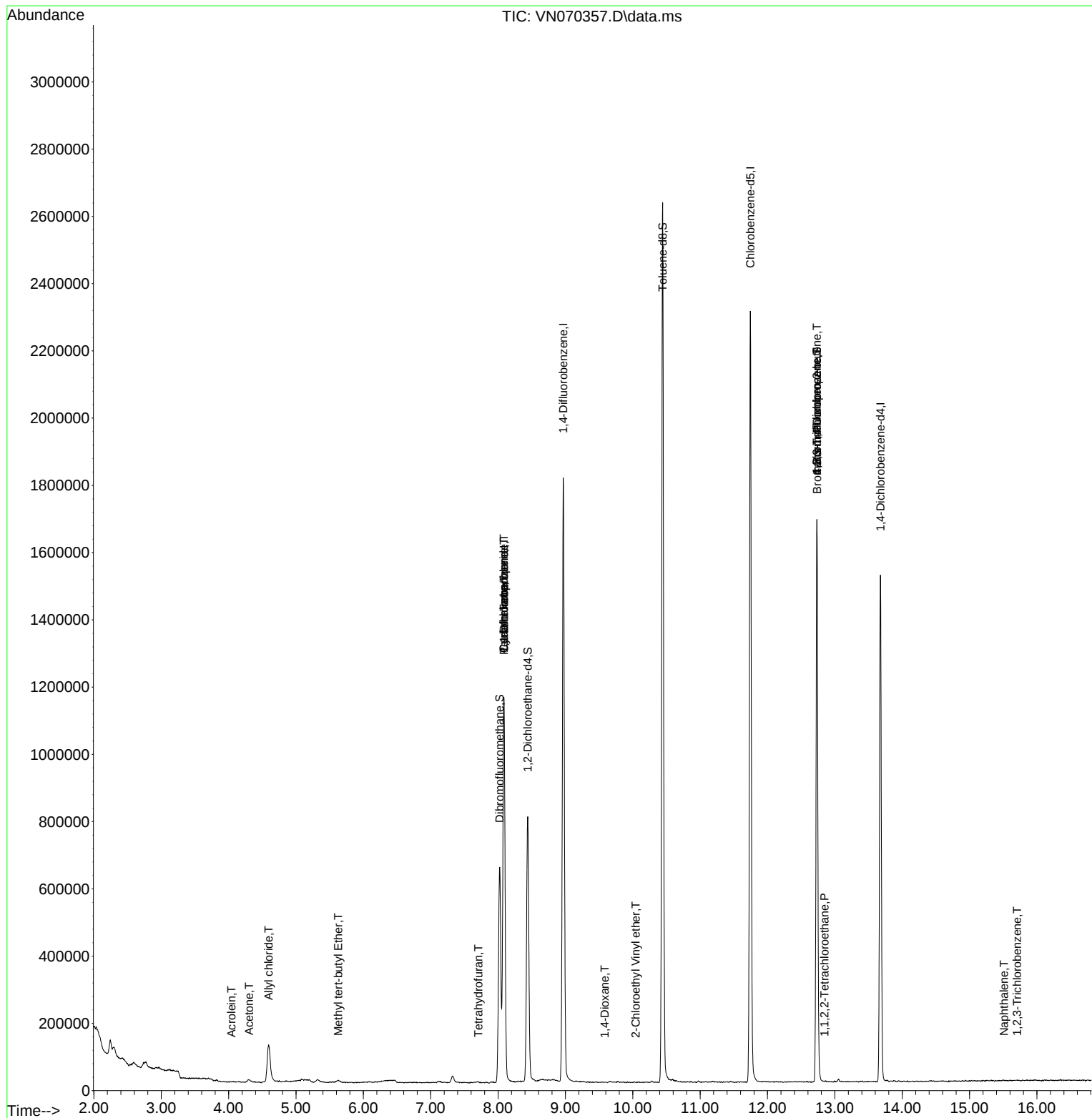
Internal Standards						
1) Pentafluorobenzene	8.088	168	877424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1503175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1334706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	420844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	675278	53.527	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.060%	
35) Dibromofluoromethane	8.024	113	480006	52.777	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.560%	
50) Toluene-d8	10.443	98	1801426	48.486	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.980%	
62) 4-Bromofluorobenzene	12.734	95	599723	44.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.380%	
Target Compounds						
					Qvalue	
13) Acrolein	4.041	56	1120	0.657	ug/l #	55
14) Allyl chloride	4.594	41	17589	0.868	ug/l #	57
16) Acetone	4.304	43	7641	0.933	ug/l	95
19) Methyl tert-butyl Ether	5.626	73	10199	0.307	ug/l	95
29) Tetrahydrofuran	7.708	42	1734	0.282	ug/l #	67
31) Cyclohexane	8.086	56	20573	1.033	ug/l #	8
36) 1,1-Dichloropropene	8.086	75	72043	4.788	ug/l #	49
38) Carbon Tetrachloride	8.086	117	86502	6.021	ug/l #	17
49) 1,4-Dioxane	9.582	88	106	0.494	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.044	63	24	18.518	ug/l #	45
71) Bromoform	12.736	173	4875	0.650	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.846	83	26	0.449	ug/l #	25
76) 1,2,3-Trichloropropane	12.734	75	316913	26.779	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	316913	92.004	ug/l #	5
95) Naphthalene	15.512	128	1850	1.890	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.705	180	333	0.875	ug/l #	38

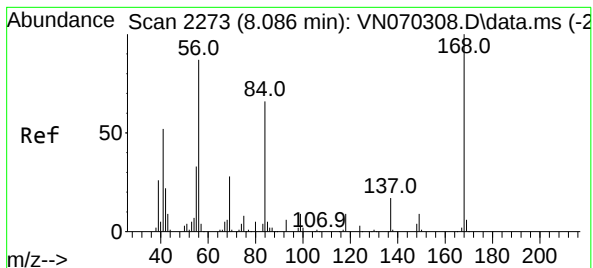
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 21

Delta R.T. 0.002 min

Lab File: VN070357.D

Acq: 29 Dec 2021 18:49

Instrument :

MSVOA_N

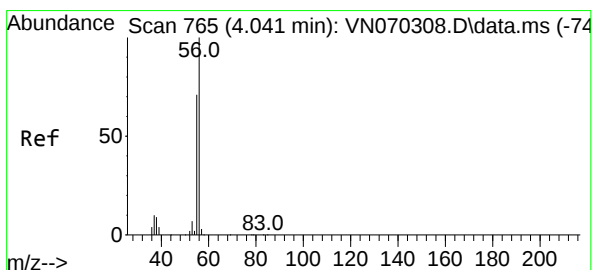
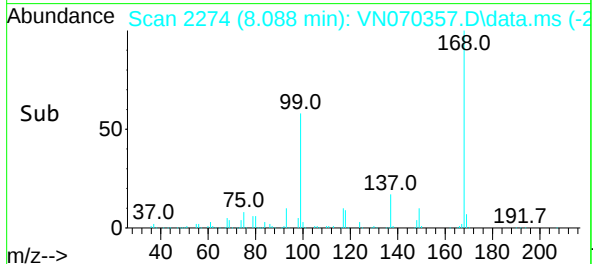
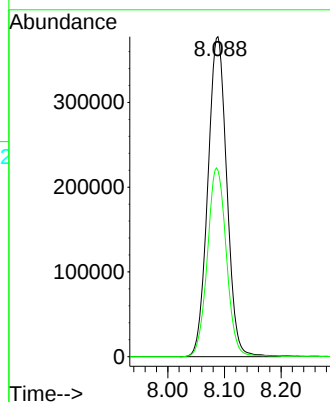
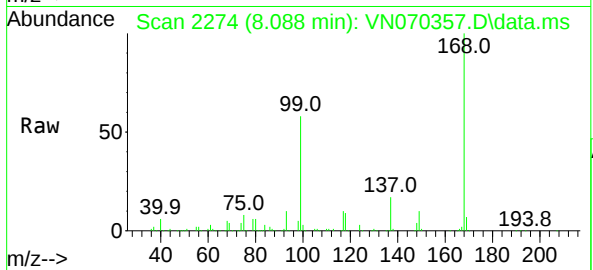
ClientSampleId :

Tgt Ion:168 Resp: 877424

Ion Ratio Lower Upper

168 100

99 58.3 41.3 61.9



#13

Acrolein

Concen: 0.657 ug/l

RT: 4.041 min Scan# 765

Delta R.T. 0.000 min

Lab File: VN070357.D

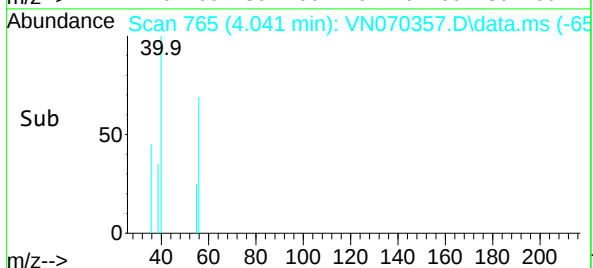
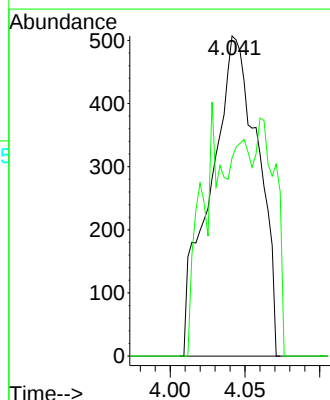
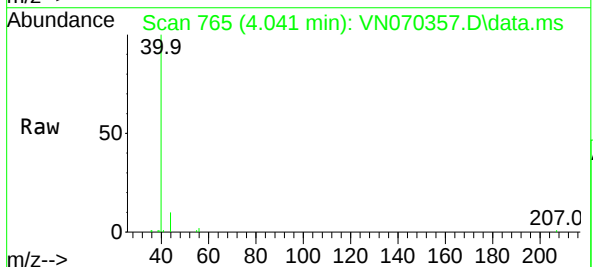
Acq: 29 Dec 2021 18:49

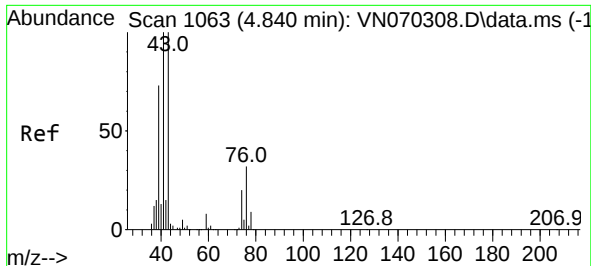
Tgt Ion: 56 Resp: 1120

Ion Ratio Lower Upper

56 100

55 33.8 56.6 85.0#





#14

Allyl chloride

Concen: 0.868 ug/l

RT: 4.594 min Scan# 91

Delta R.T. -0.246 min

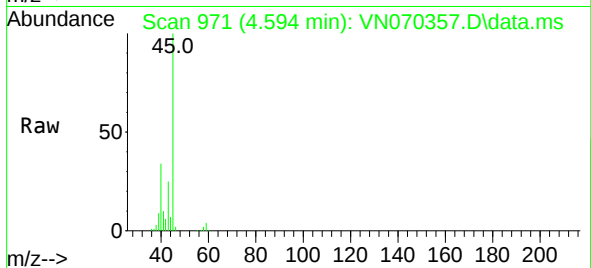
Lab File: VN070357.D

Acq: 29 Dec 2021 18:49

Instrument :

MSVOA_N

ClientSampleId :



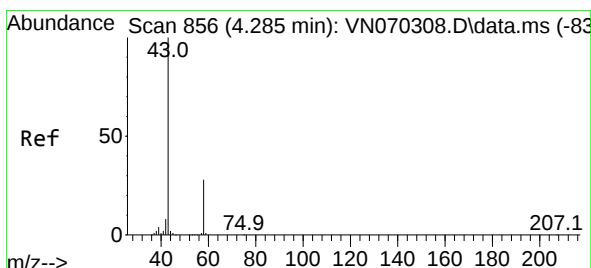
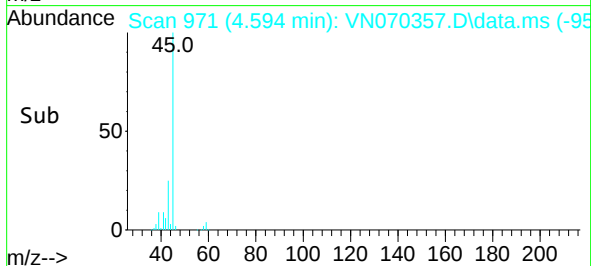
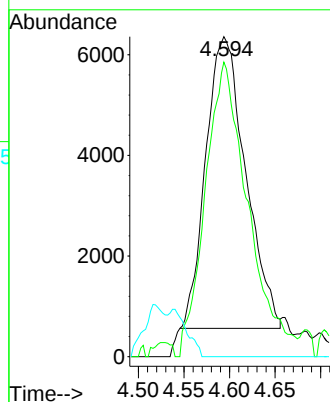
Tgt Ion: 41 Resp: 17589

Ion Ratio Lower Upper

41 100

39 108.1 61.2 91.8#

76 0.0 26.0 39.0#



#16

Acetone

Concen: 0.933 ug/l

RT: 4.304 min Scan# 863

Delta R.T. 0.019 min

Lab File: VN070357.D

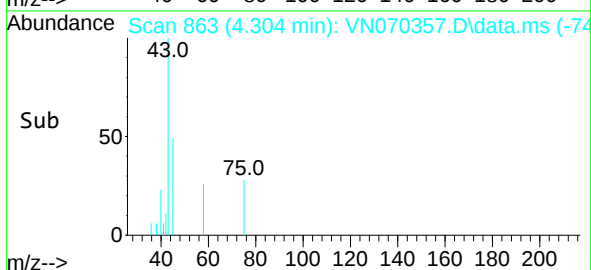
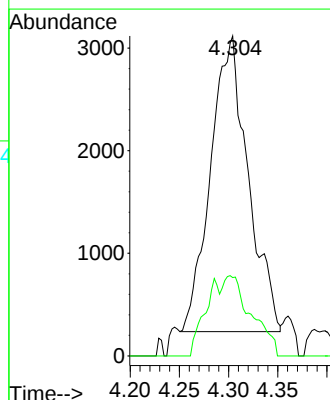
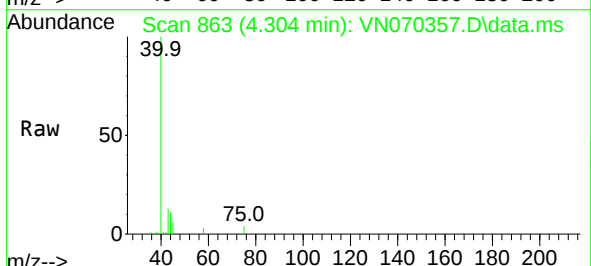
Acq: 29 Dec 2021 18:49

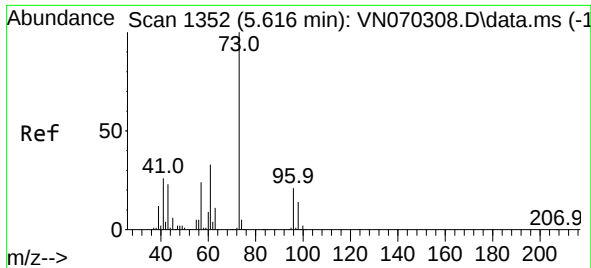
Tgt Ion: 43 Resp: 7641

Ion Ratio Lower Upper

43 100

58 26.5 23.1 34.7

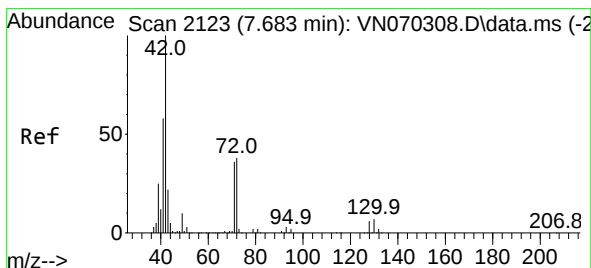
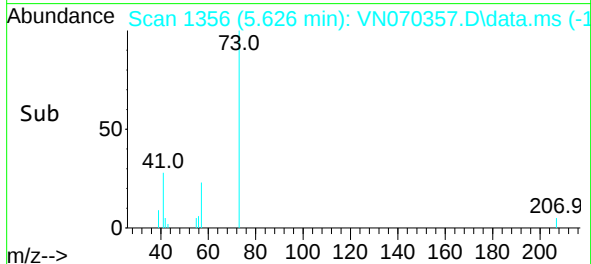
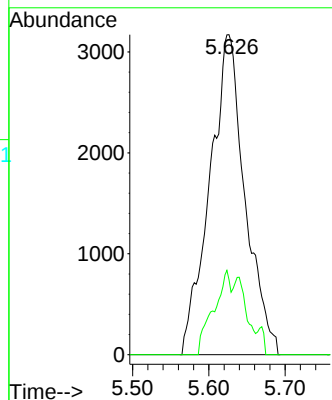
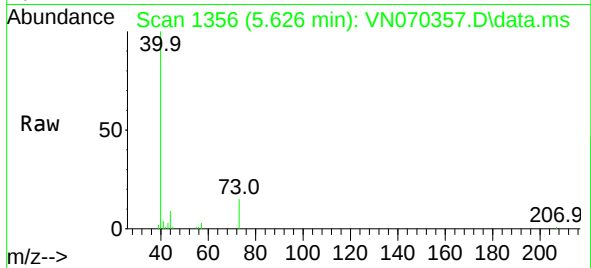




#19
Methyl tert-butyl Ether
Concen: 0.307 ug/l
RT: 5.626 min Scan# 11
Delta R.T. 0.010 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

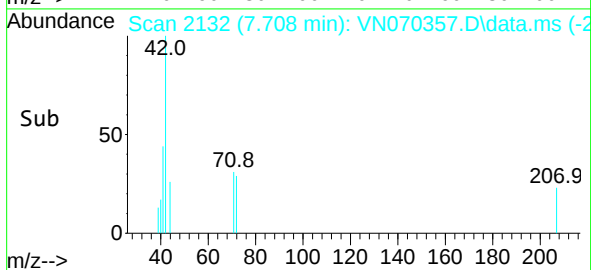
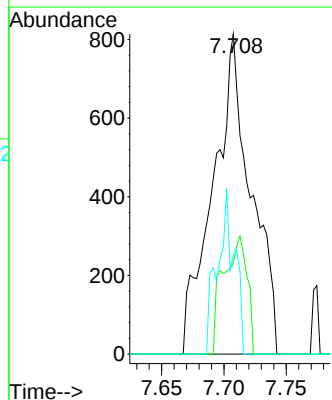
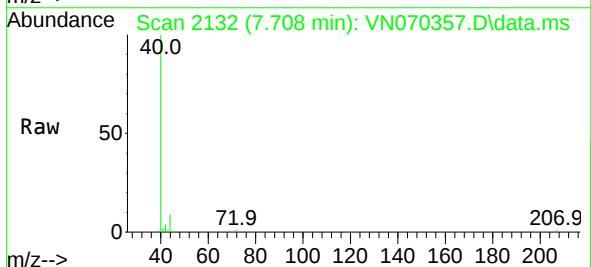
Instrument :
MSVOA_N
ClientSampleId :

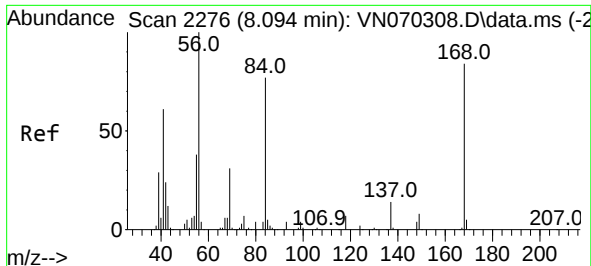
Tgt Ion: 73 Resp: 10199
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2



#29
Tetrahydrofuran
Concen: 0.282 ug/l
RT: 7.708 min Scan# 2132
Delta R.T. 0.025 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

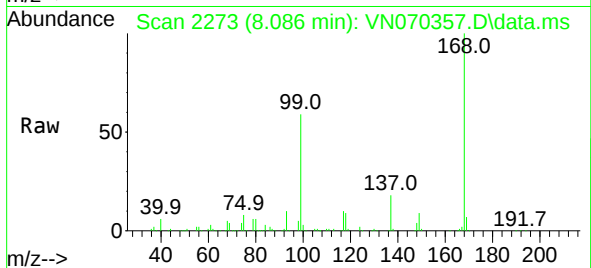
Tgt Ion: 42 Resp: 1734
Ion Ratio Lower Upper
42 100
72 23.0 36.3 54.5#
71 23.1 34.7 52.1#



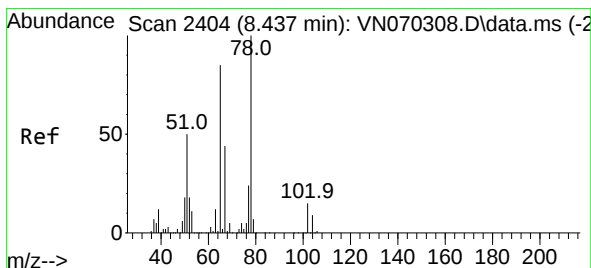
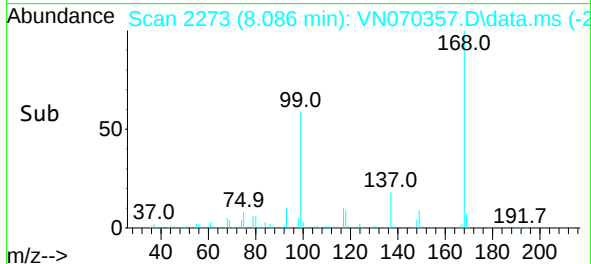
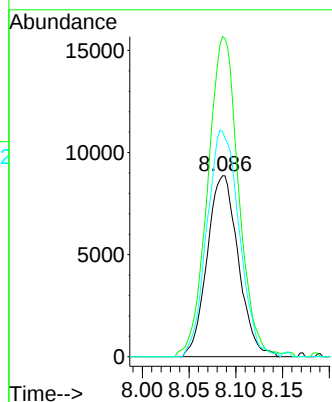


#31
Cyclohexane
Concen: 1.033 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

Instrument :
MSVOA_N
ClientSampleId :

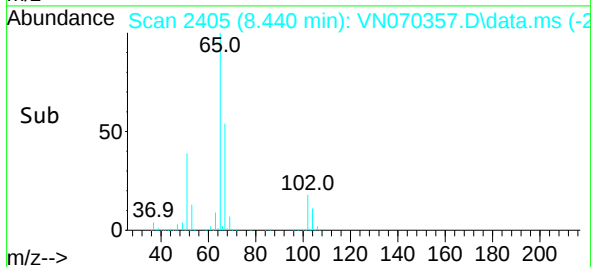
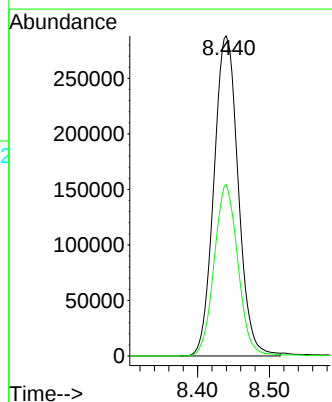
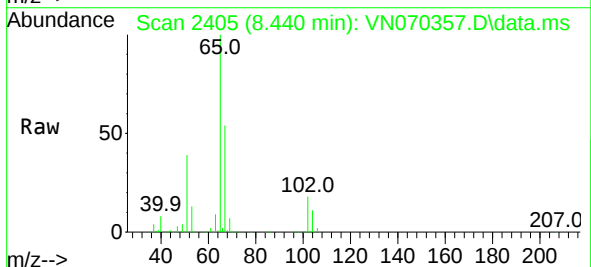


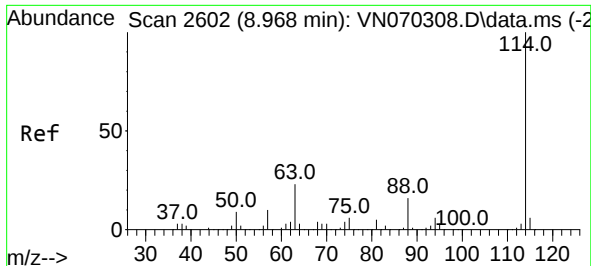
Tgt Ion: 56 Resp: 20573
Ion Ratio Lower Upper
56 100
69 175.0 27.1 40.7#
84 124.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 53.527 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

Tgt Ion: 65 Resp: 675278
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

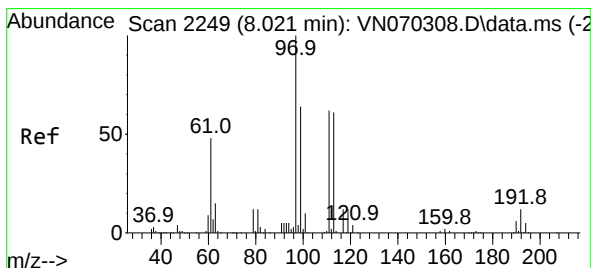
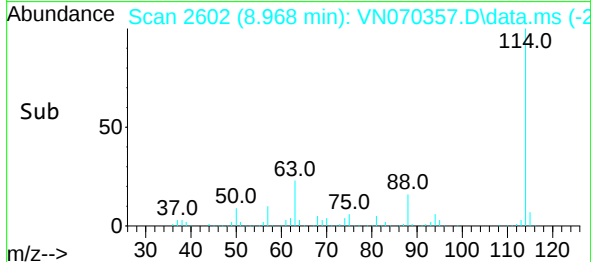
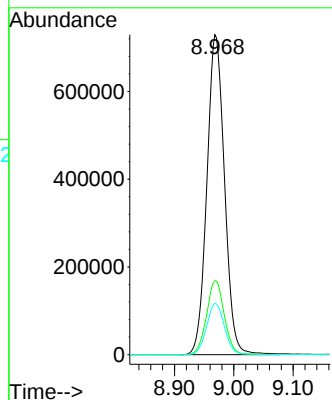
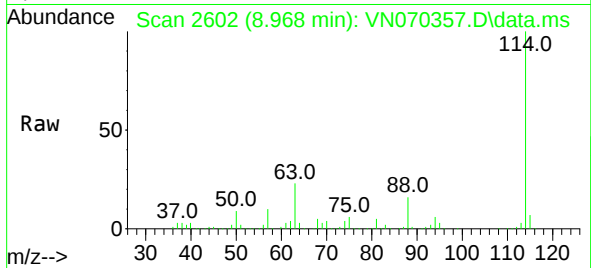




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

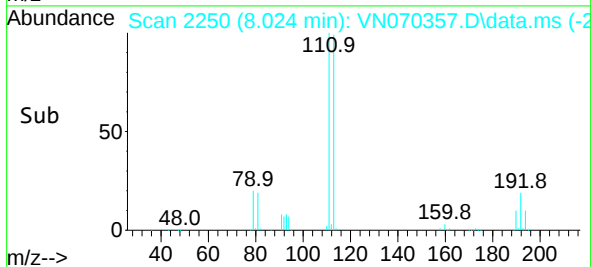
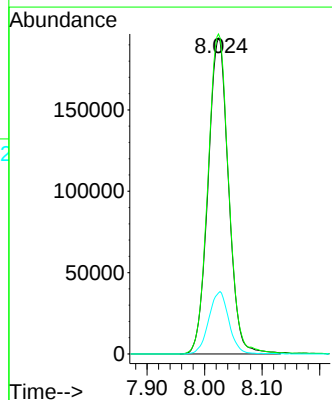
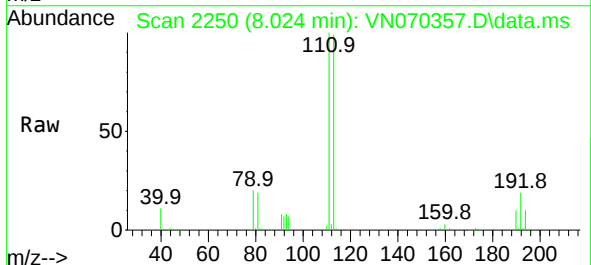
Instrument :
MSVOA_N
ClientSampleId :

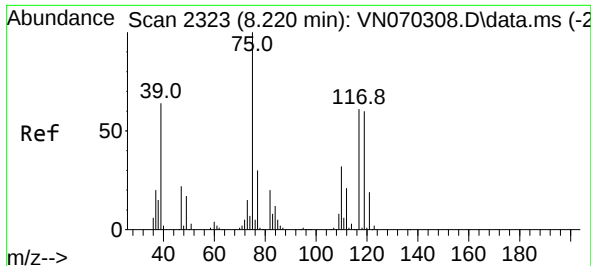
Tgt Ion:114 Resp: 1503175
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.777 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

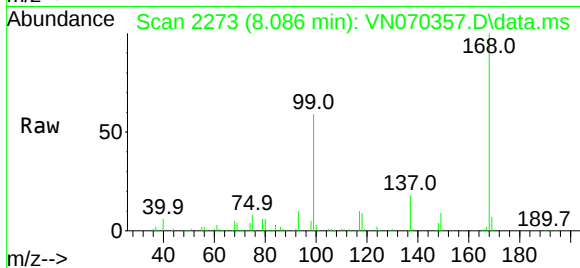
Tgt Ion:113 Resp: 480006
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.3 16.9 25.3



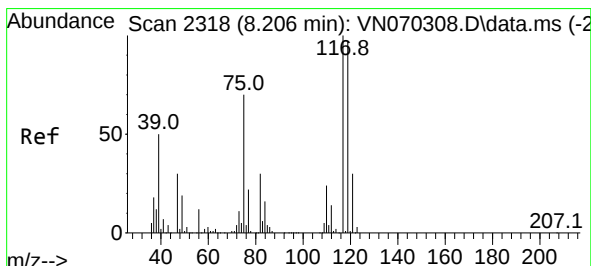
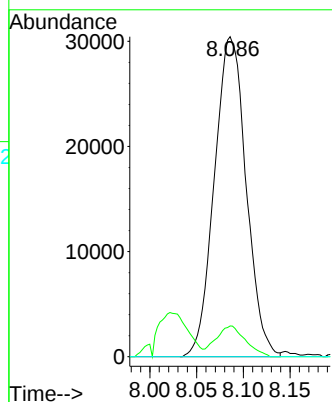
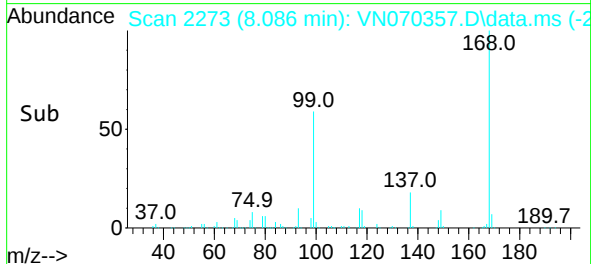


#36
 1,1-Dichloropropene
 Concen: 4.788 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070357.D
 Acq: 29 Dec 2021 18:49

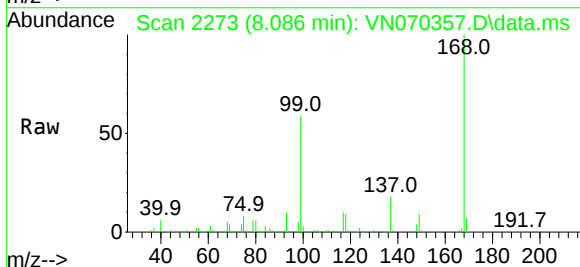
Instrument :
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 ClientSampleId :



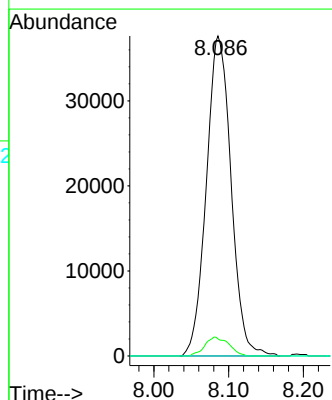
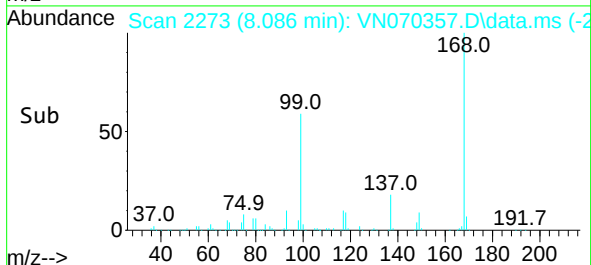
Tgt Ion: 75 Resp: 72043
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.4 55.2#
 77 0.0 24.4 36.6#

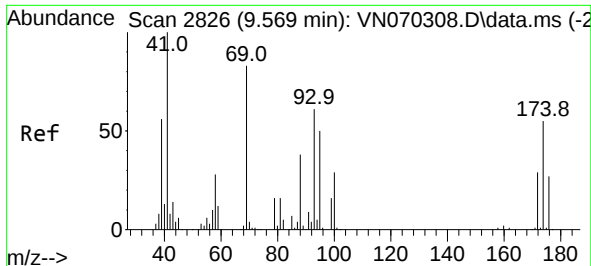


#38
 Carbon Tetrachloride
 Concen: 6.021 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN070357.D
 Acq: 29 Dec 2021 18:49



Tgt Ion: 117 Resp: 86502
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.1 114.1#
 121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 0.494 ug/l

RT: 9.582 min Scan# 21

Delta R.T. 0.013 min

Lab File: VN070357.D

Acq: 29 Dec 2021 18:49

Instrument :

MSVOA_N

ClientSampleId :

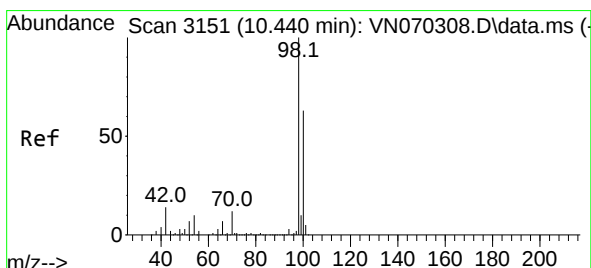
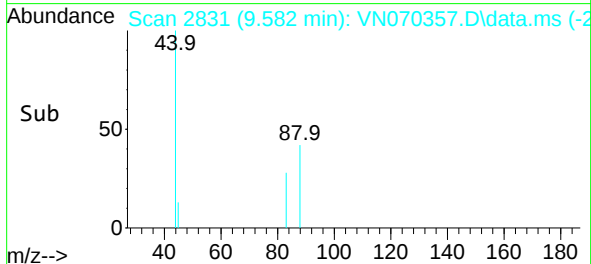
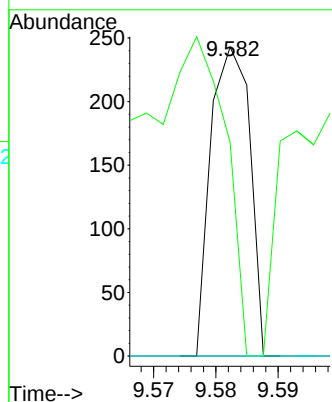
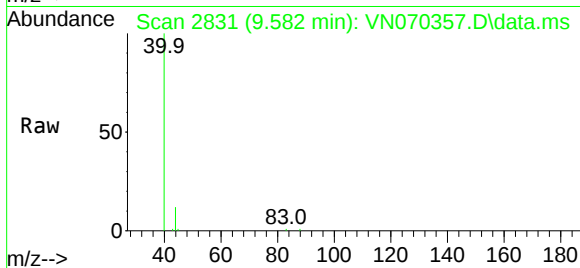
Tgt Ion: 88 Resp: 106

Ion Ratio Lower Upper

88 100

43 130.2 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 48.486 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VN070357.D

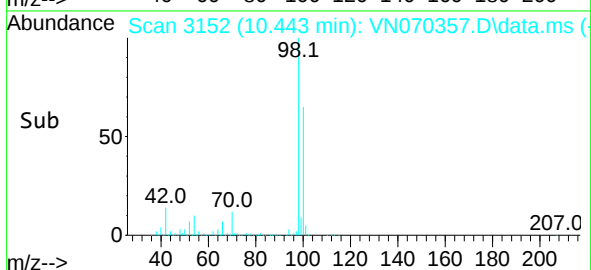
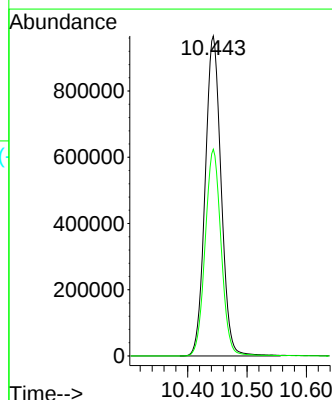
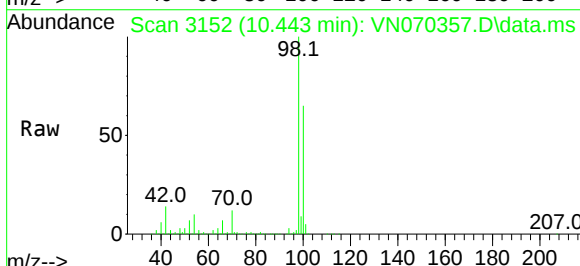
Acq: 29 Dec 2021 18:49

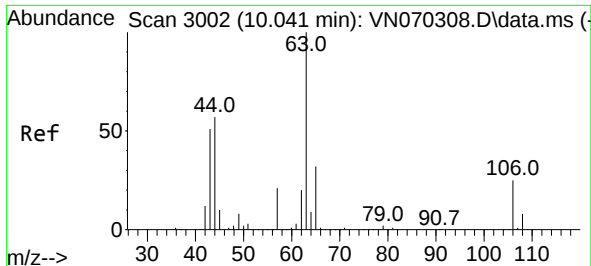
Tgt Ion: 98 Resp: 1801426

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6

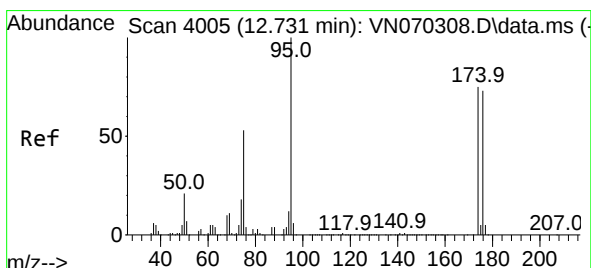
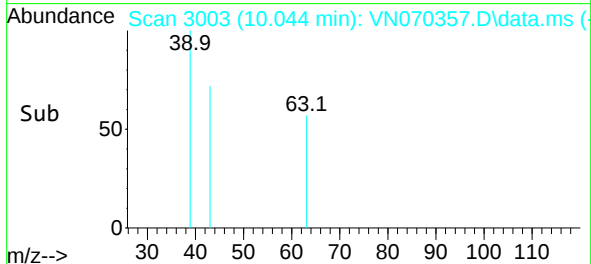
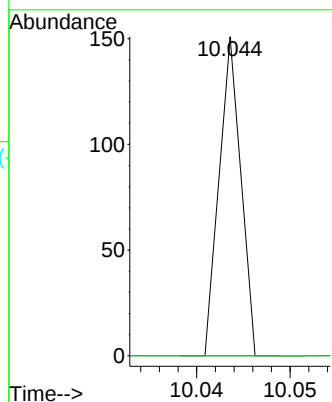
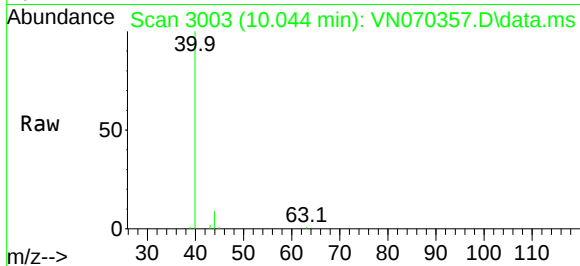




#58
2-Chloroethyl Vinyl ether
Concen: 18.518 ug/l
RT: 10.044 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

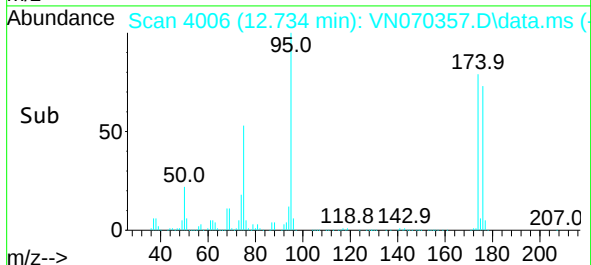
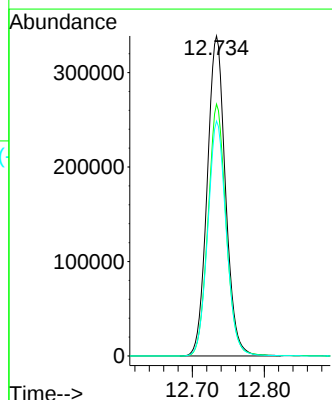
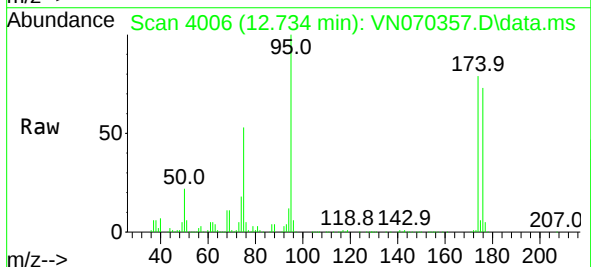
Instrument :
MSVOA_N
ClientSampleId :

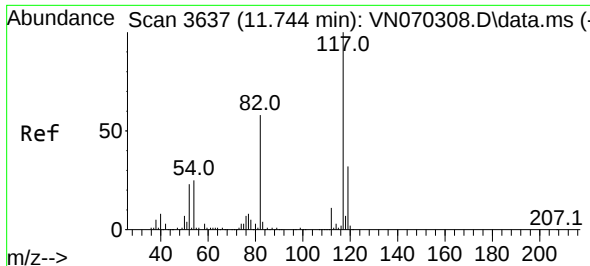
Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 44.691 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

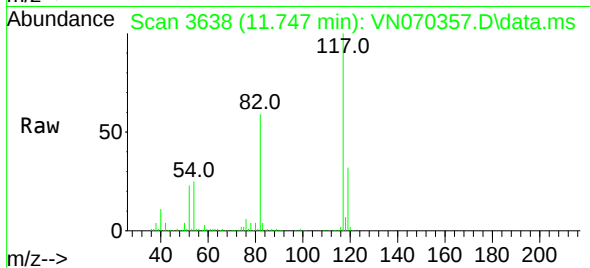
Tgt Ion: 95 Resp: 599723
Ion Ratio Lower Upper
95 100
174 77.7 0.0 187.2
176 74.0 0.0 181.4



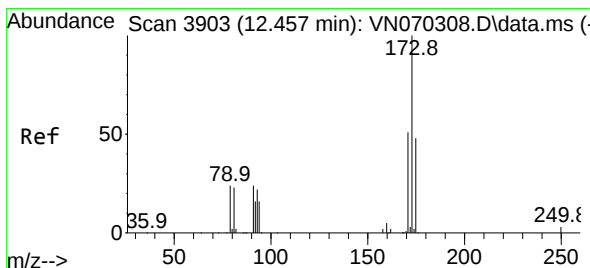
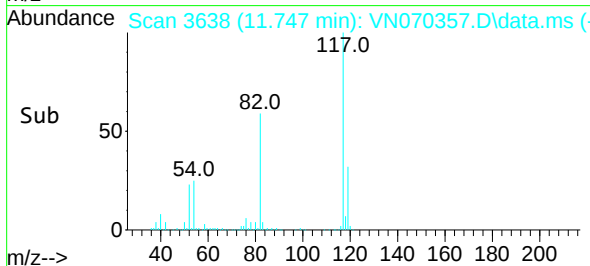
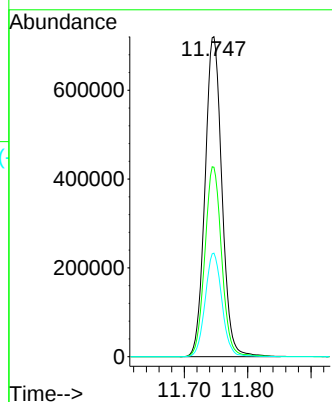


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

Instrument :
MSVOA_N
ClientSampleId :

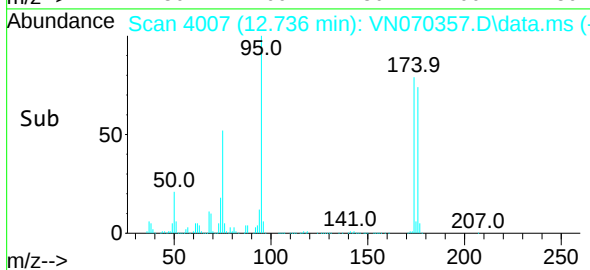
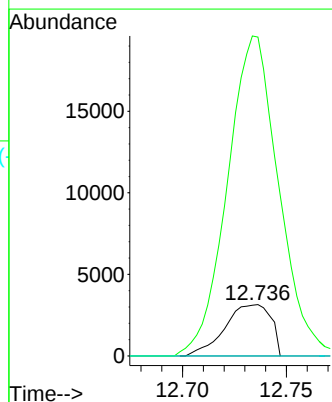
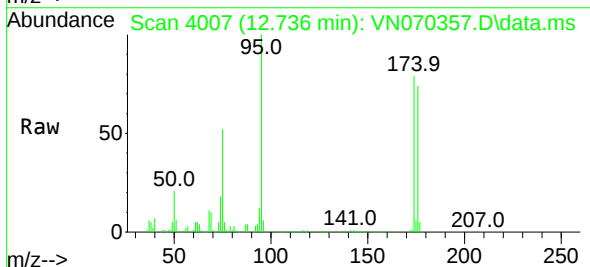


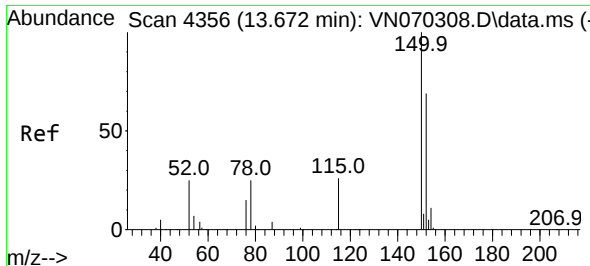
Tgt Ion:117 Resp: 1334706
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.4 25.4 38.2



#71
Bromoform
Concen: 0.650 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.279 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

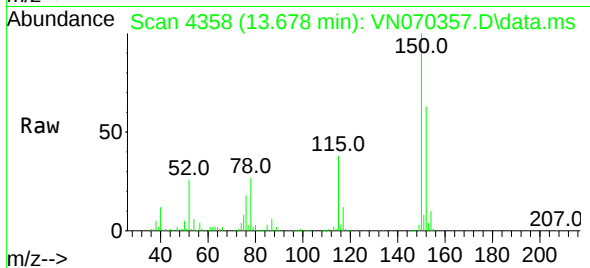
Tgt Ion:173 Resp: 4875
Ion Ratio Lower Upper
173 100
175 610.4 24.2 72.6#
254 0.0 0.0 0.0



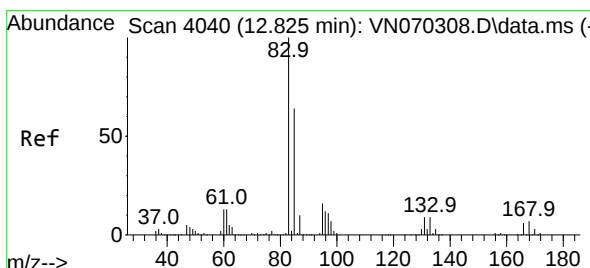
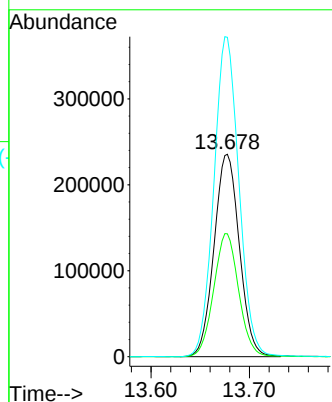
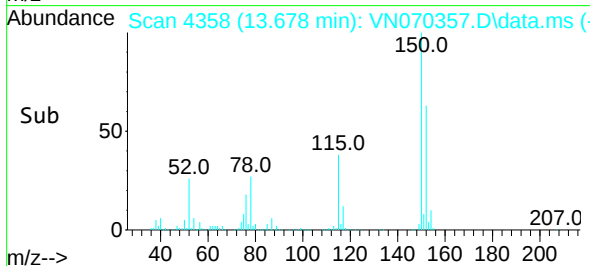


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN070357.D
 Acq: 29 Dec 2021 18:49

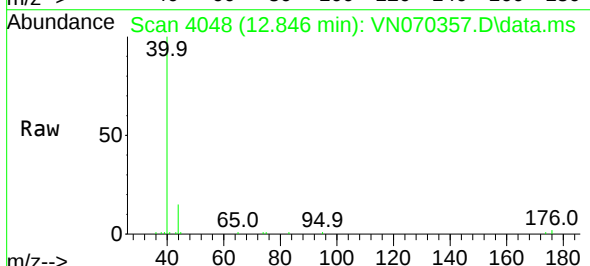
Instrument :
 MSVOA_N
 ClientSampleId :



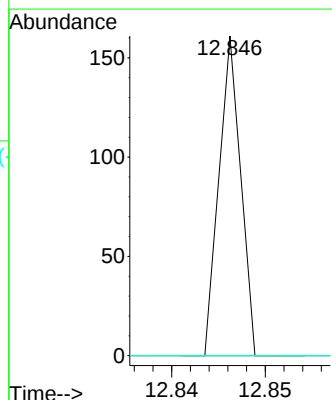
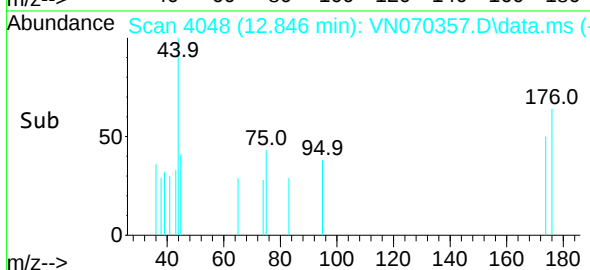
Tgt Ion:152 Resp: 420844
 Ion Ratio Lower Upper
 152 100
 115 60.2 27.5 82.5
 150 156.6 0.0 344.4

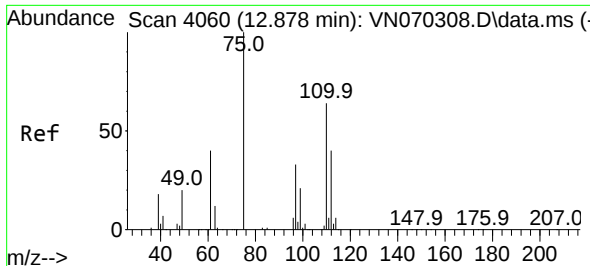


#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.449 ug/l
 RT: 12.846 min Scan# 4048
 Delta R.T. 0.021 min
 Lab File: VN070357.D
 Acq: 29 Dec 2021 18:49



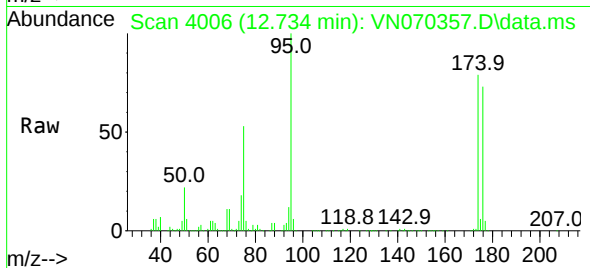
Tgt Ion: 83 Resp: 26
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#



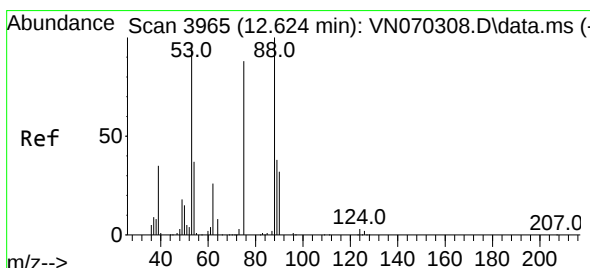
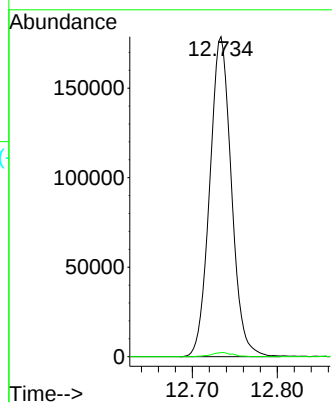
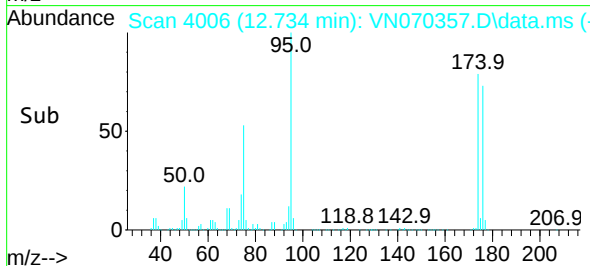


#76
1,2,3-Trichloropropane
Concen: 26.779 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.144 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49

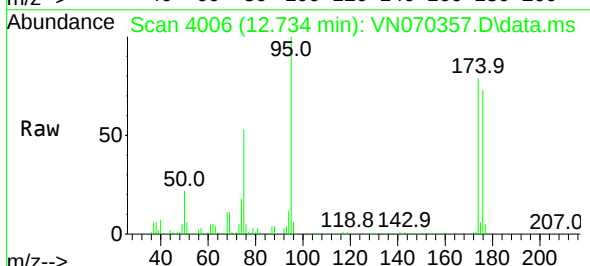
Instrument :
MSVOA_N
ClientSampleId :



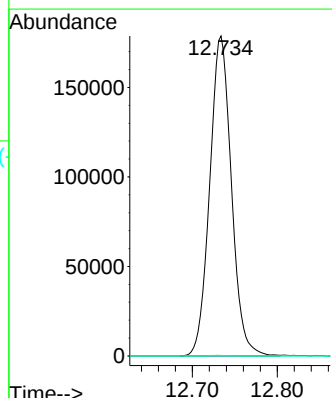
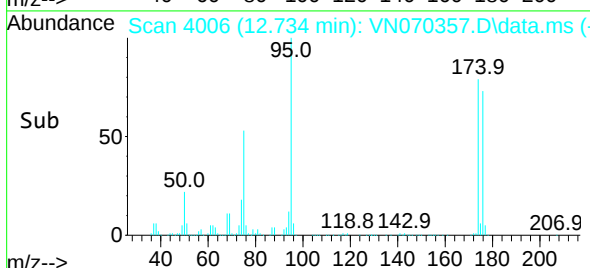
Tgt Ion: 75 Resp: 316913
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

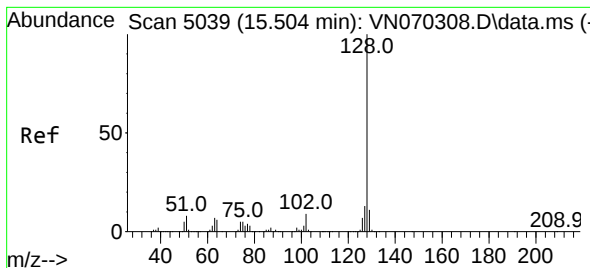


#81
trans-1,4-Dichloro-2-butene
Concen: 92.004 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.110 min
Lab File: VN070357.D
Acq: 29 Dec 2021 18:49



Tgt Ion: 75 Resp: 316913
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#





#95

Naphthalene

Concen: 1.890 ug/l

RT: 15.512 min Scan# 5039

Delta R.T. 0.008 min

Lab File: VN070357.D

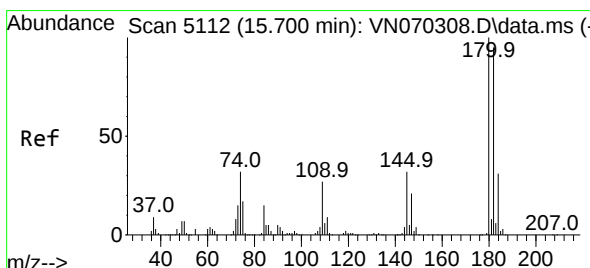
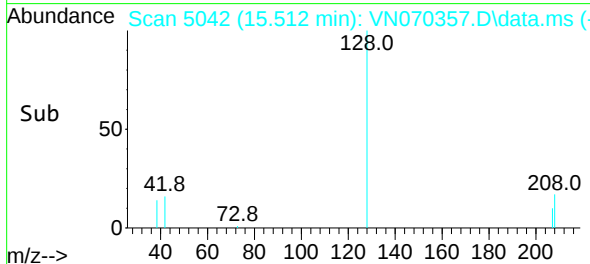
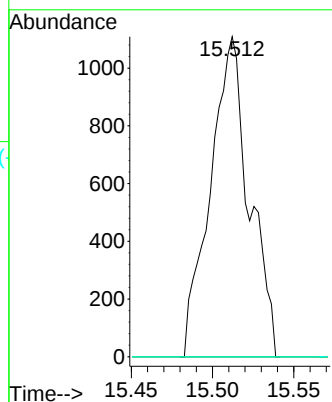
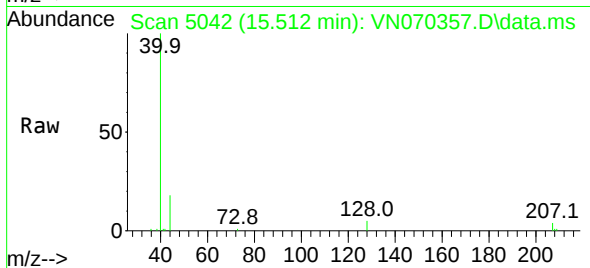
Acq: 29 Dec 2021 18:49

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	1850
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.5 15.7#
129	0.0	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.875 ug/l

RT: 15.705 min Scan# 5114

Delta R.T. 0.005 min

Lab File: VN070357.D

Acq: 29 Dec 2021 18:49

Tgt Ion:180	Resp:	333
Ion Ratio	Lower	Upper
180	100	
182	32.4	47.4 142.2#
145	0.0	15.0 45.1#

