

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070355.D
 Acq On : 29 Dec 2021 17:58
 Operator : JC/MD
 Sample : M5128-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 01:51:47 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)

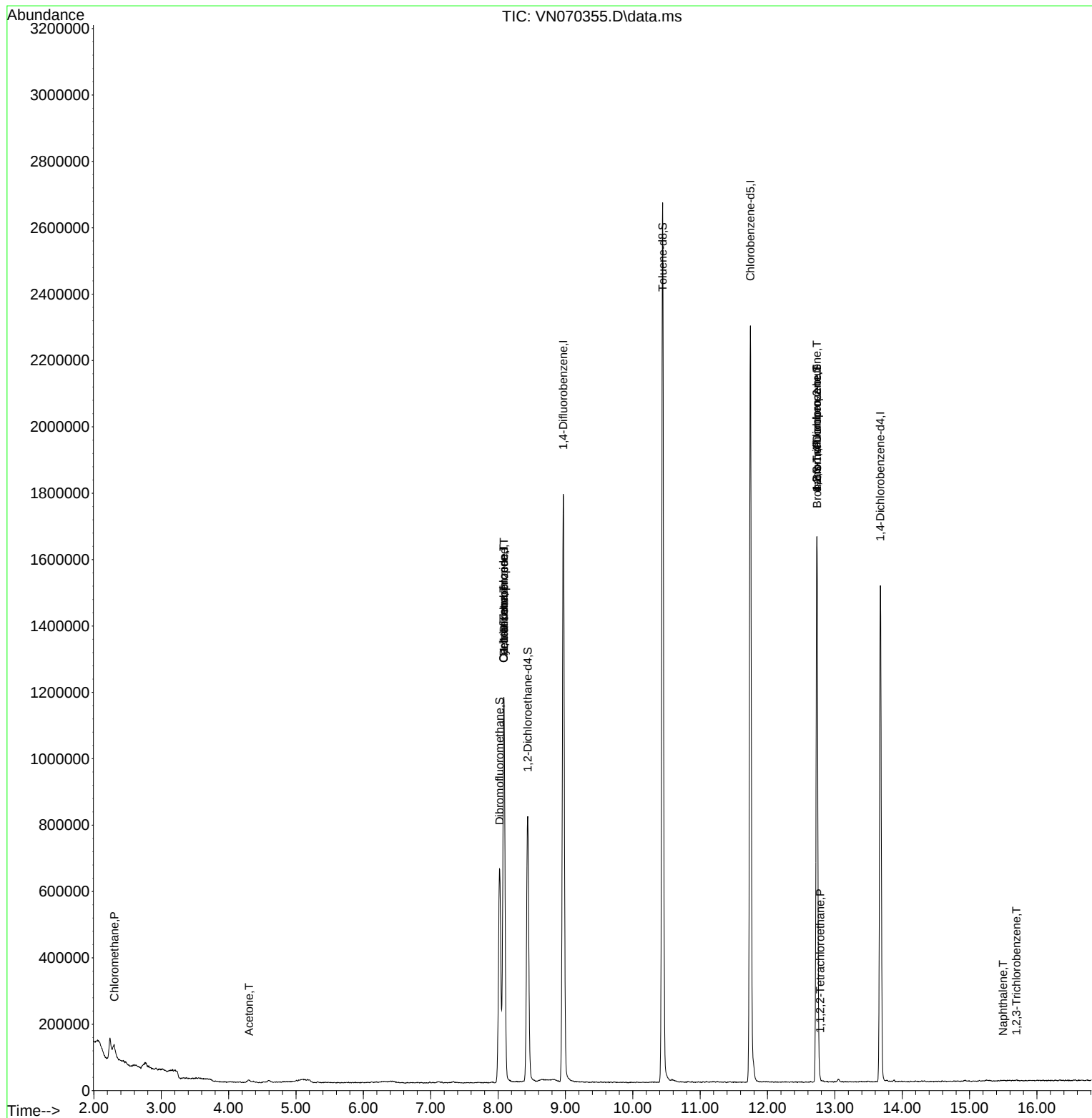
Internal Standards						
1) Pentafluorobenzene	8.088	168	877776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1499552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1321953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	417721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	673702	53.381	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.760%	
35) Dibromofluoromethane	8.024	113	482048	53.130	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.260%	
50) Toluene-d8	10.443	98	1815680	48.987	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	12.733	95	596970	44.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	4410	0.326	ug/l	96
16) Acetone	4.301	43	8917	1.088	ug/l	96
31) Cyclohexane	8.083	56	20870	1.048	ug/l #	24
36) 1,1-Dichloropropene	8.086	75	72722	4.845	ug/l #	49
38) Carbon Tetrachloride	8.083	117	87286	6.090	ug/l #	17
71) Bromoform	12.736	173	3804	0.512	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.782	83	24	0.449	ug/l #	25
76) 1,2,3-Trichloropropane	12.733	75	318470	27.078	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	318470	93.148	ug/l #	5
95) Naphthalene	15.499	128	994	1.847	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.697	180	374	0.882	ug/l #	81

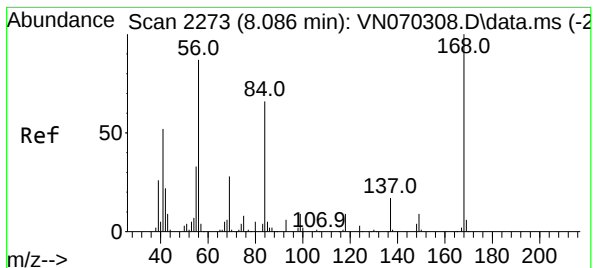
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 27 18:47:12 2021
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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: VN070355.D

Acq: 29 Dec 2021 17:58

Instrument :

MSVOA_N

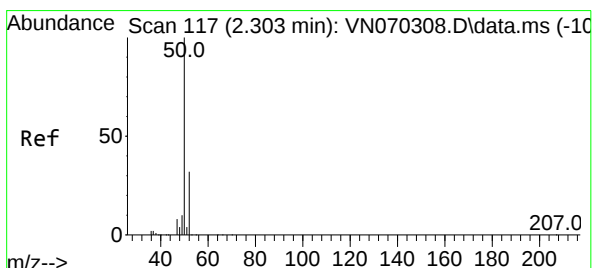
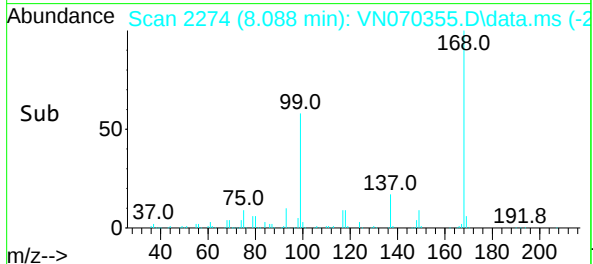
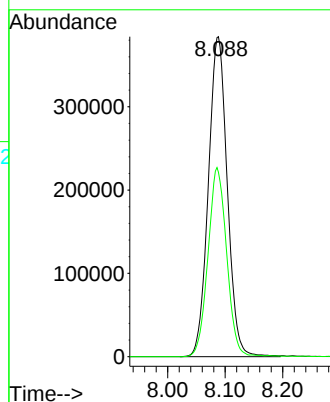
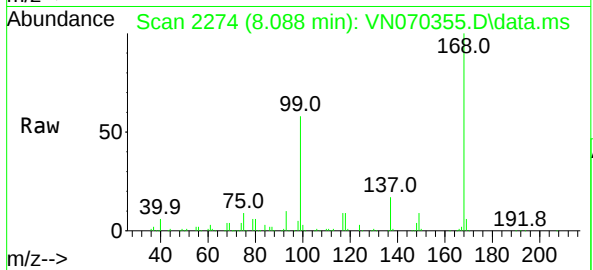
ClientSampleId :

Tgt Ion:168 Resp: 877776

Ion Ratio Lower Upper

168 100

99 57.7 41.3 61.9



#3

Chloromethane

Concen: 0.326 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN070355.D

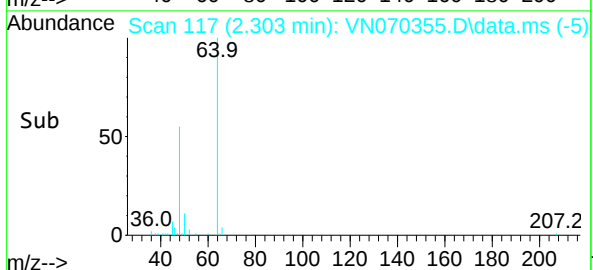
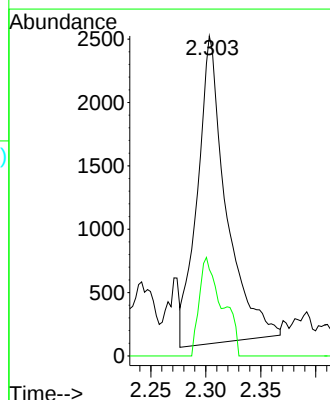
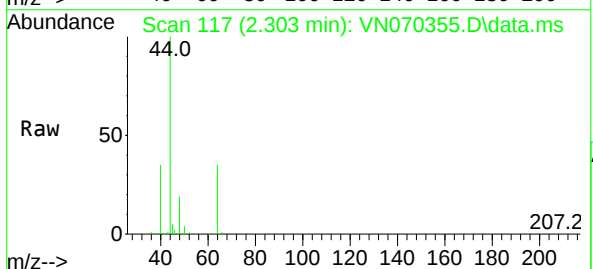
Acq: 29 Dec 2021 17:58

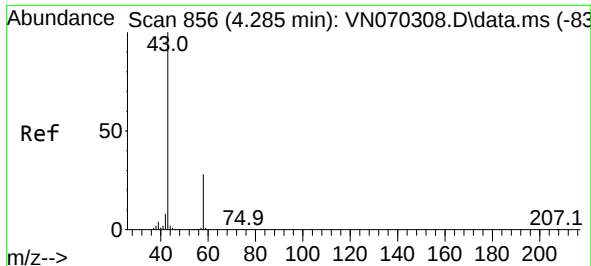
Tgt Ion: 50 Resp: 4410

Ion Ratio Lower Upper

50 100

52 29.5 25.4 38.0

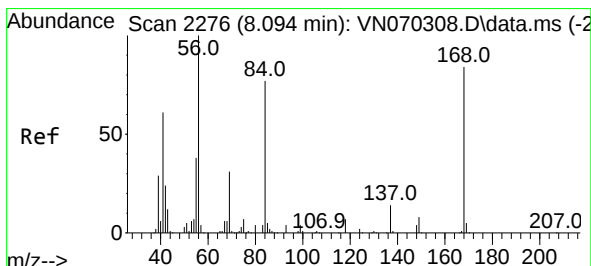
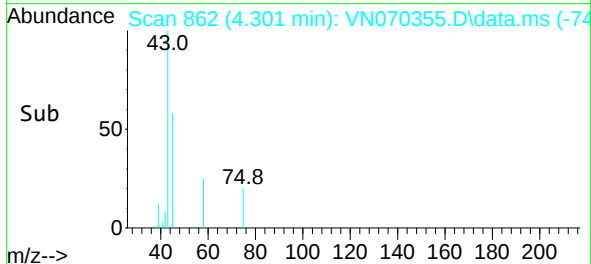
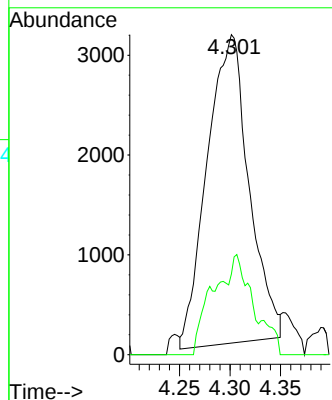
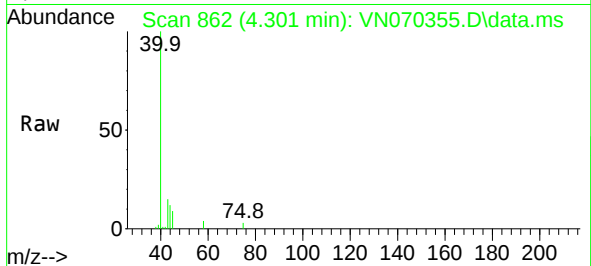




#16
Acetone
Concen: 1.088 ug/l
RT: 4.301 min Scan# 80
Delta R.T. 0.016 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

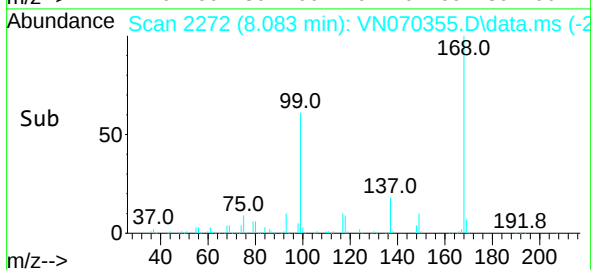
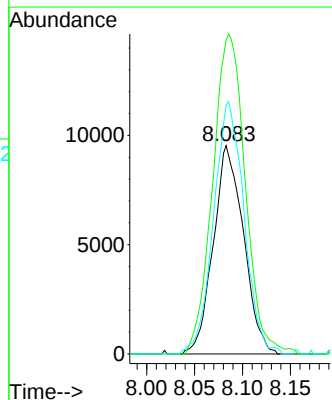
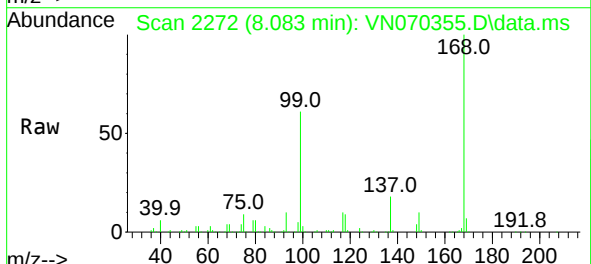
Instrument :
MSVOA_N
ClientSampleId :

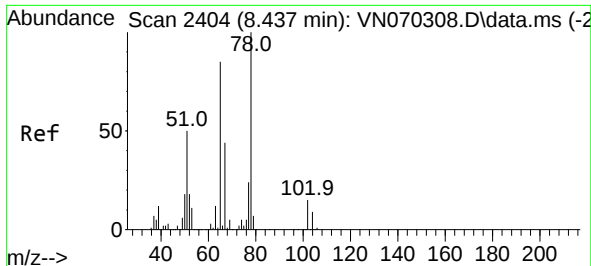
Tgt Ion: 43 Resp: 8917
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7



#31
Cyclohexane
Concen: 1.048 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

Tgt Ion: 56 Resp: 20870
Ion Ratio Lower Upper
56 100
69 150.6 27.1 40.7#
84 119.6 73.4 110.0#

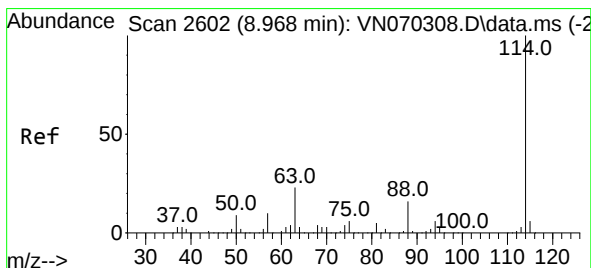
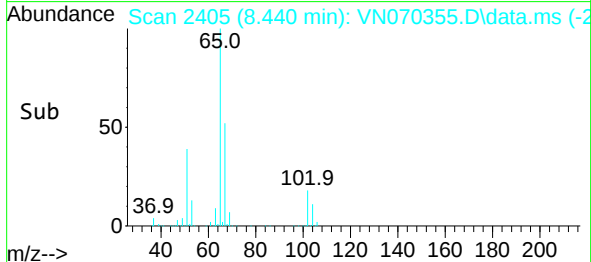
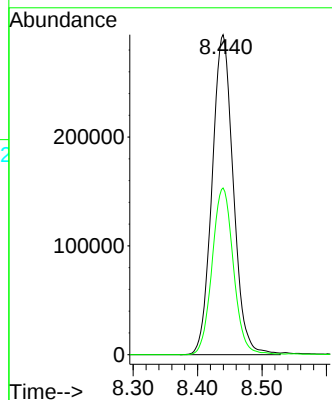
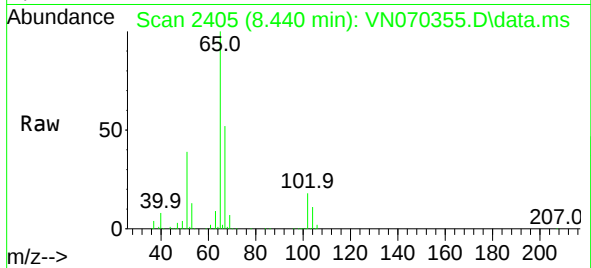




#33
 1,2-Dichloroethane-d4
 Concen: 53.381 ug/l
 RT: 8.440 min Scan# 2404
 Delta R.T. 0.003 min
 Lab File: VN070355.D
 Acq: 29 Dec 2021 17:58

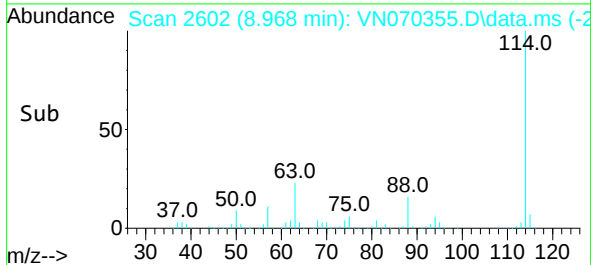
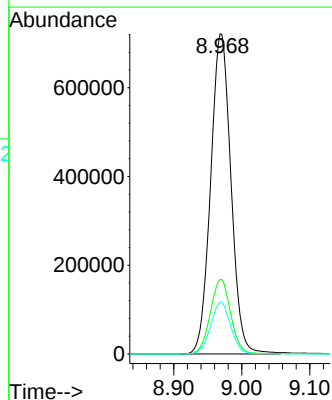
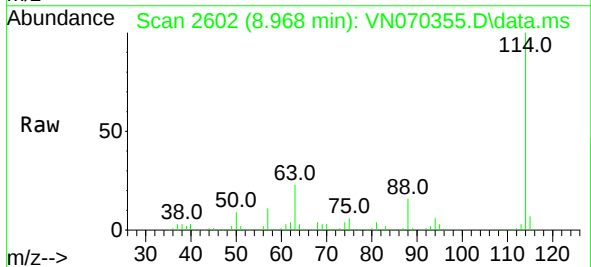
Instrument :
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 ClientSampleId :

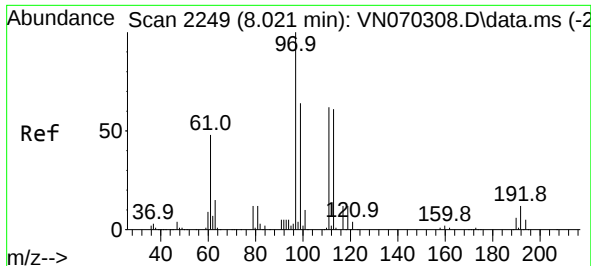
Tgt Ion: 65 Resp: 673702
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN070355.D
 Acq: 29 Dec 2021 17:58

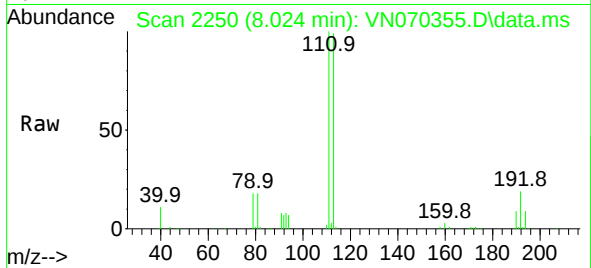
Tgt Ion: 114 Resp: 1499552
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 37.8
 88 16.2 0.0 27.4



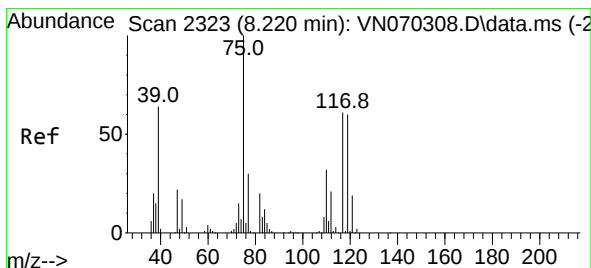
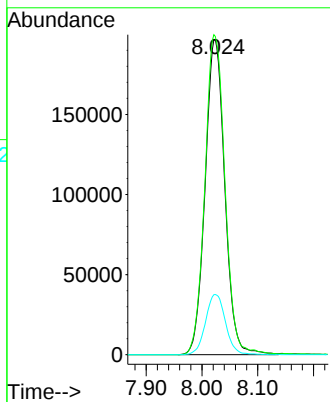
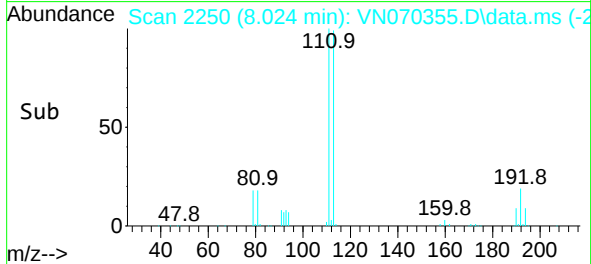


#35
Dibromofluoromethane
Concen: 53.130 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

Instrument :
MSVOA_N
ClientSampleId :

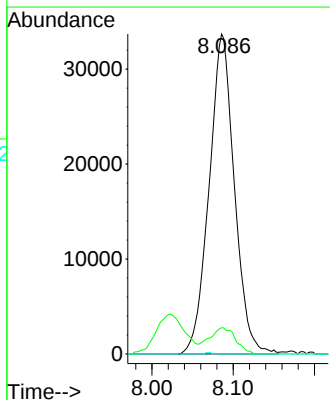
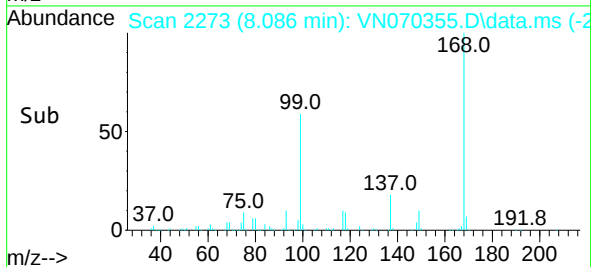
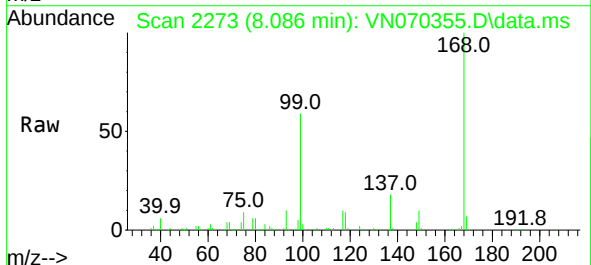


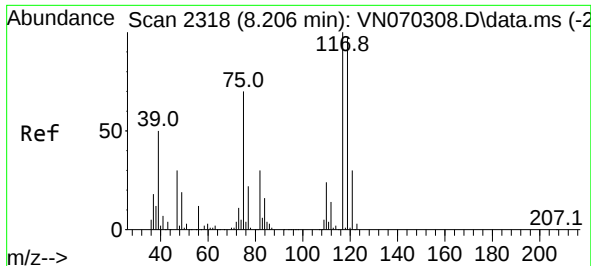
Tgt Ion:113 Resp: 482048
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

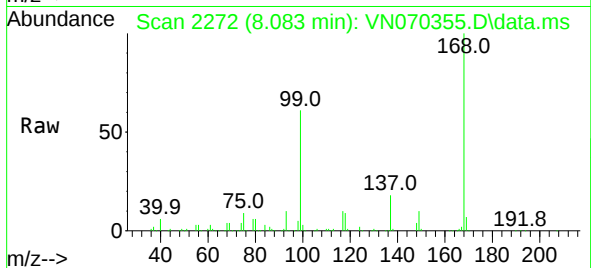
Tgt Ion: 75 Resp: 72722
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.1 24.4 36.6#



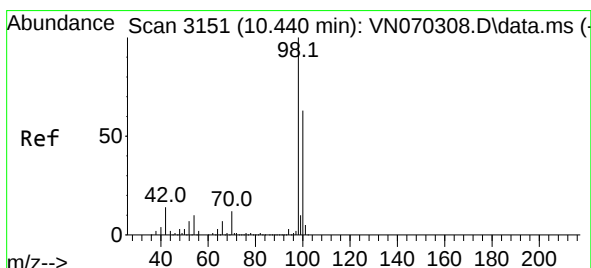
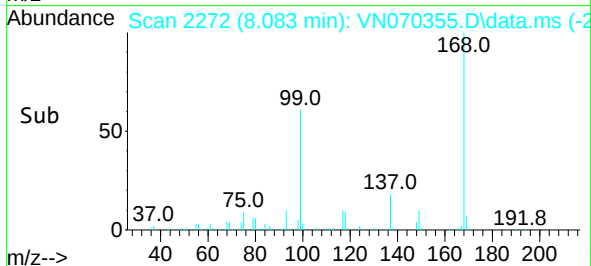
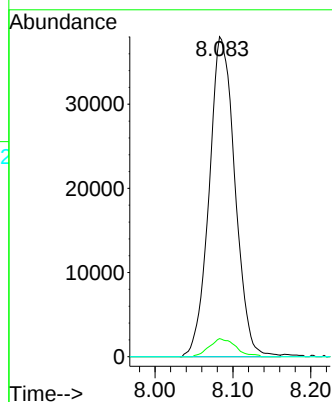


#38
Carbon Tetrachloride
Concen: 6.090 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.123 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

Instrument :
MSVOA_N
ClientSampleId :

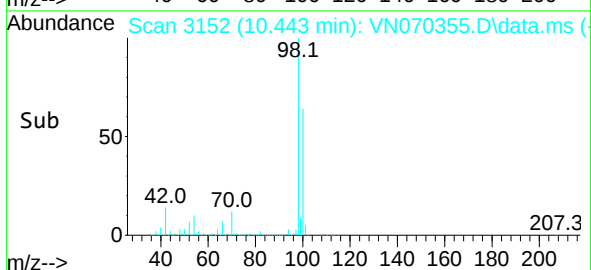
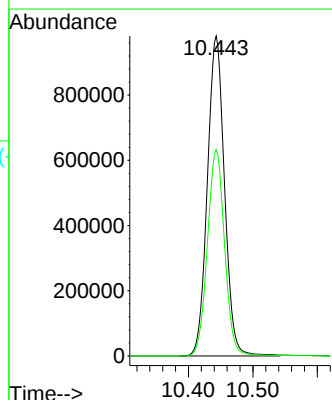
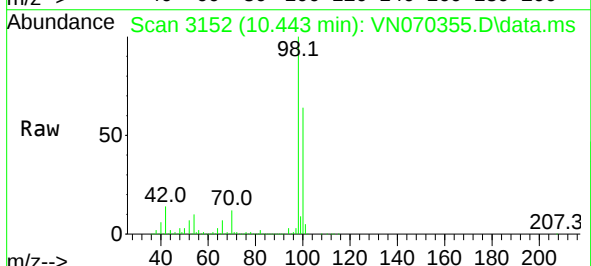


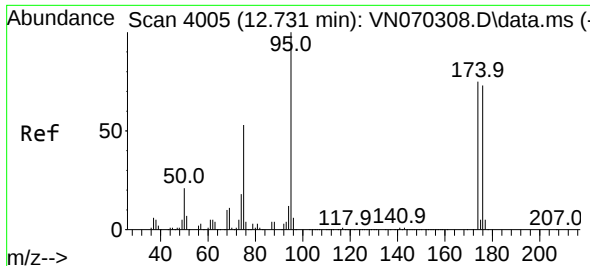
Tgt Ion:117 Resp: 87286
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.987 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

Tgt Ion: 98 Resp: 1815680
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6

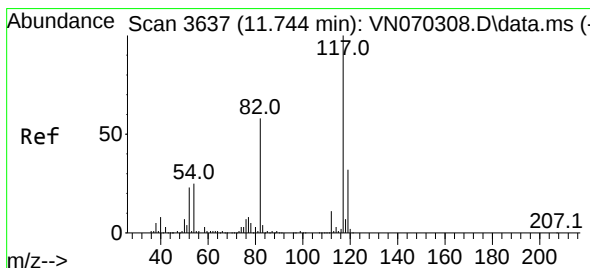
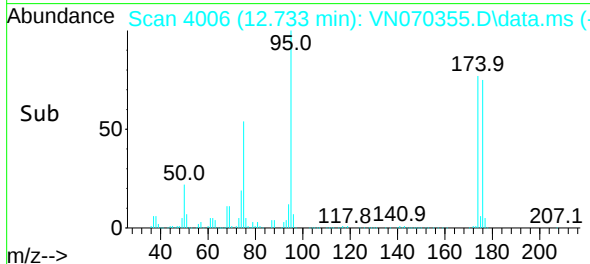
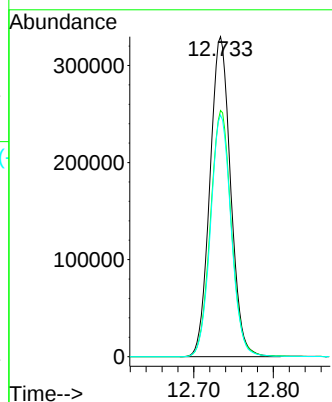
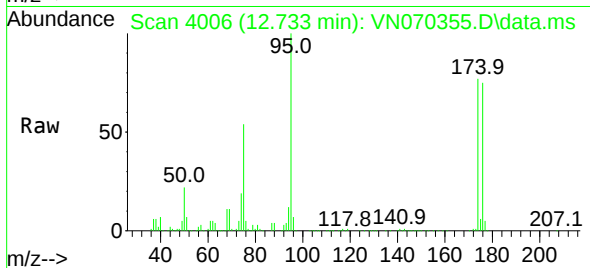




#62
4-Bromofluorobenzene
Concen: 44.594 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

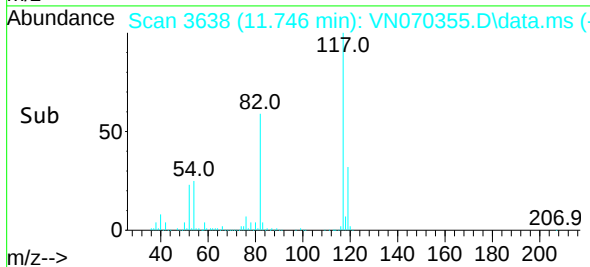
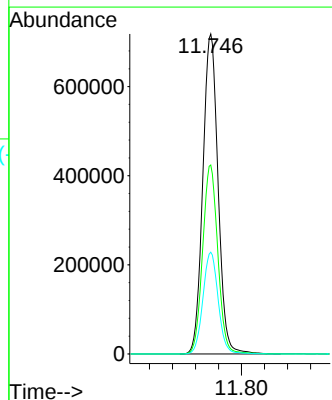
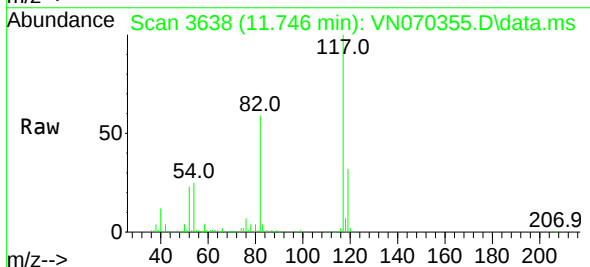
Instrument :
MSVOA_N
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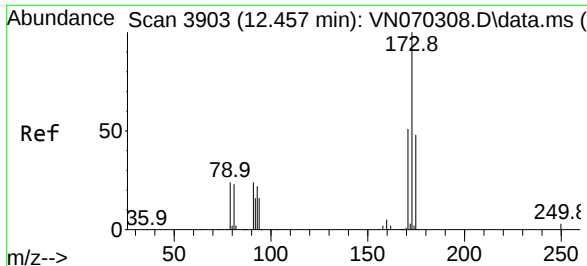
Tgt Ion: 95 Resp: 596970
Ion Ratio Lower Upper
95 100
174 77.6 0.0 187.2
176 75.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.002 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

Tgt Ion: 117 Resp: 1321953
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.8 25.4 38.2

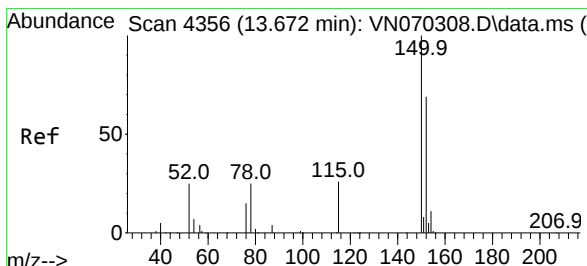
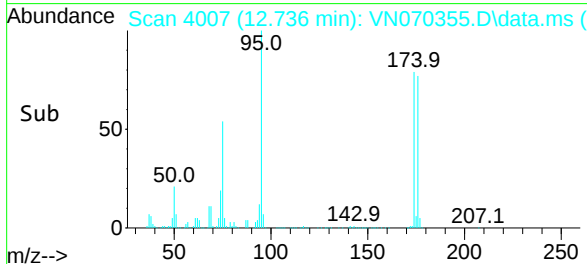
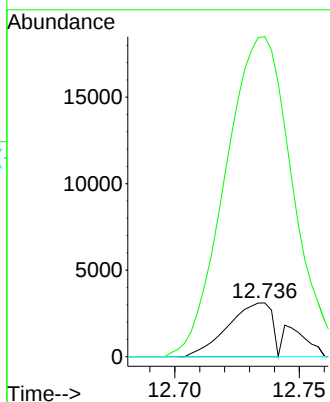
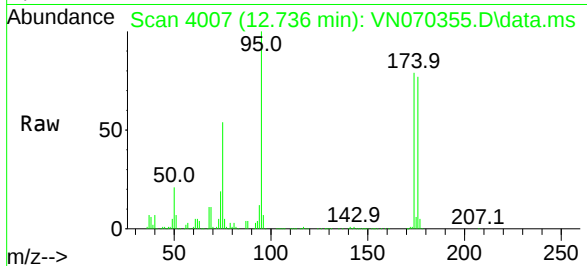




#71
Bromoform
Concen: 0.512 ug/l
RT: 12.736 min Scan# 407
Delta R.T. 0.279 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

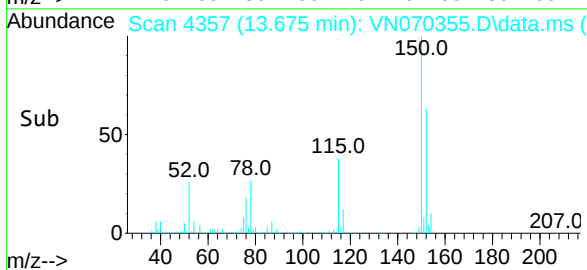
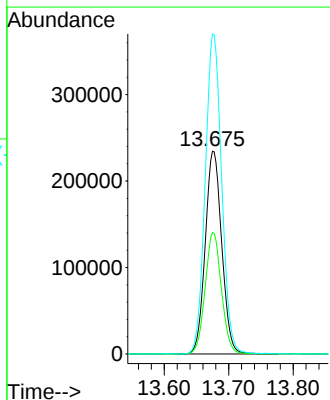
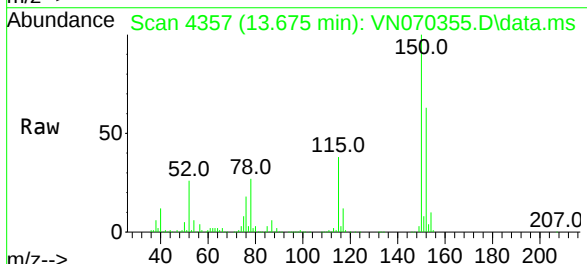
Instrument :
MSVOA_N
ClientSampleId :

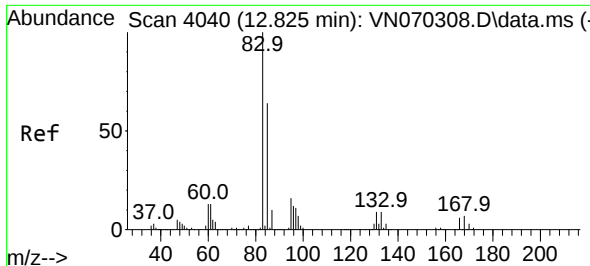
Tgt Ion:173 Resp: 3804
Ion Ratio Lower Upper
173 100
175 803.8 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

Tgt Ion:152 Resp: 417721
Ion Ratio Lower Upper
152 100
115 59.0 27.5 82.5
150 156.9 0.0 344.4

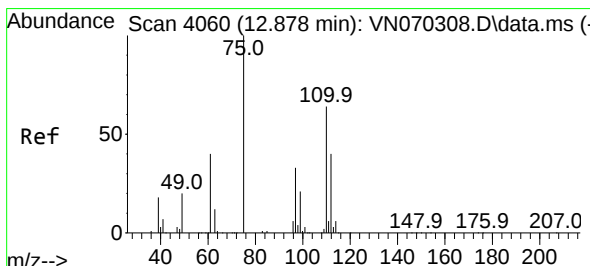
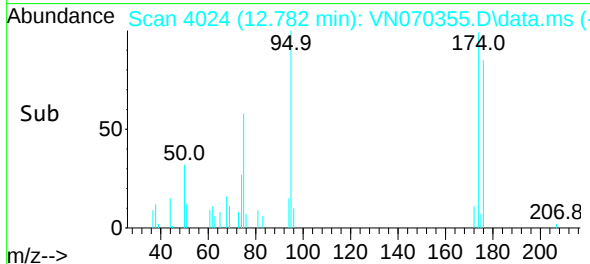
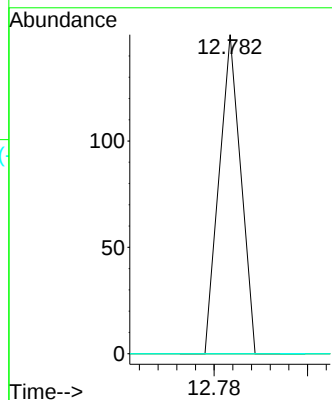
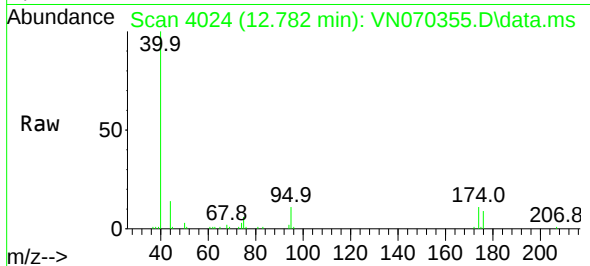




#75
1,1,2,2-Tetrachloroethane
Concen: 0.449 ug/l
RT: 12.782 min Scan# 4004
Delta R.T. -0.043 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

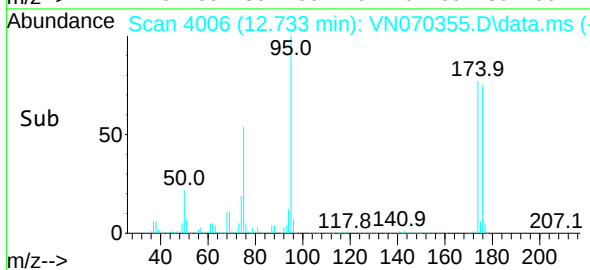
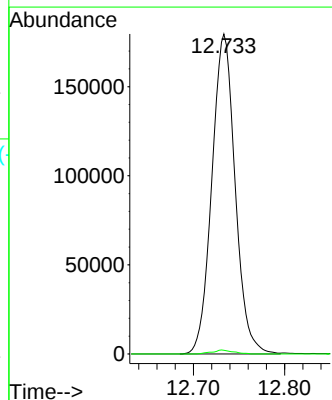
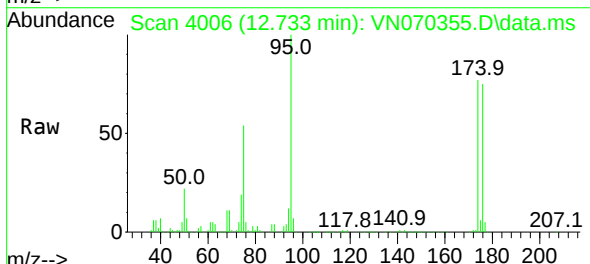
Instrument :
MSVOA_N
ClientSampleId :

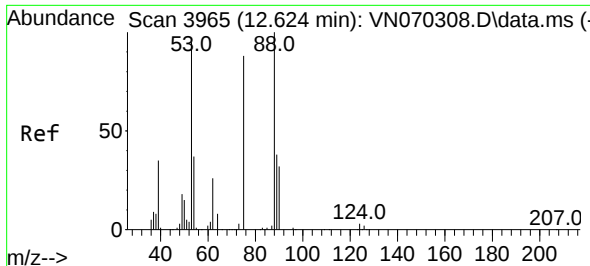
Tgt Ion: 83 Resp: 24
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 27.078 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.145 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

Tgt Ion: 75 Resp: 318470
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#

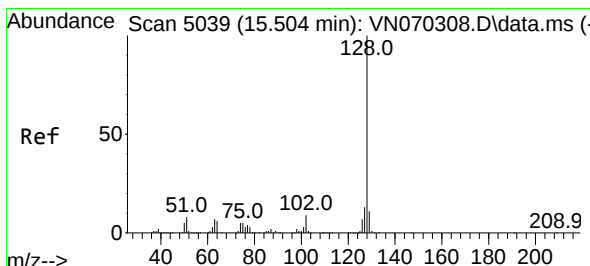
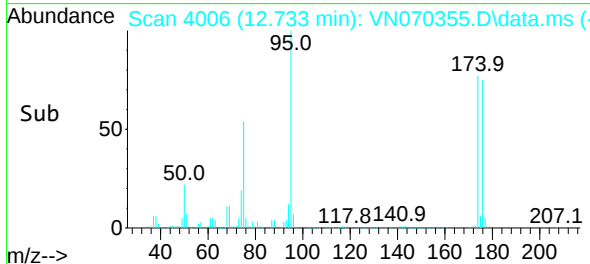
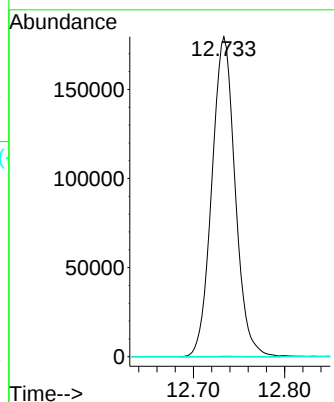
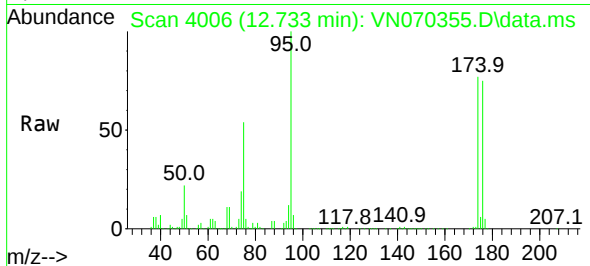




#81
trans-1,4-Dichloro-2-butene
Concen: 93.148 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.109 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

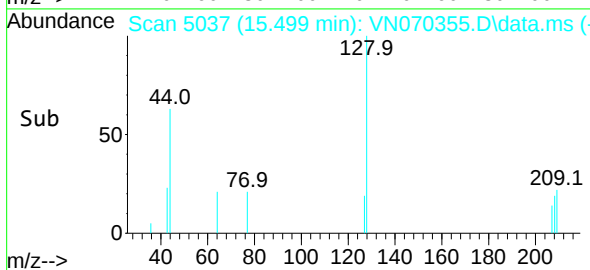
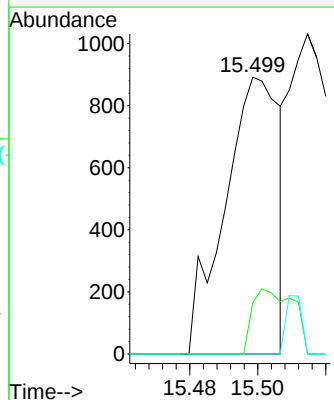
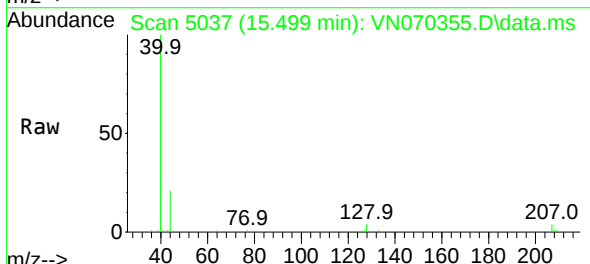
Instrument :
MSVOA_N
ClientSampleId :

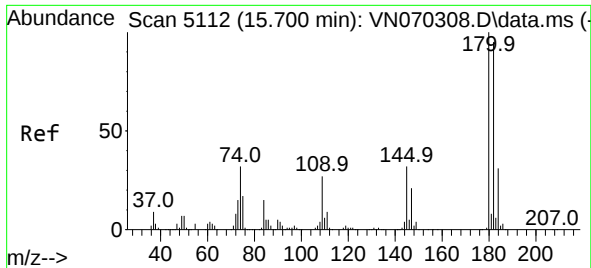
Tgt Ion: 75 Resp: 318470
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.847 ug/l
RT: 15.499 min Scan# 5037
Delta R.T. -0.005 min
Lab File: VN070355.D
Acq: 29 Dec 2021 17:58

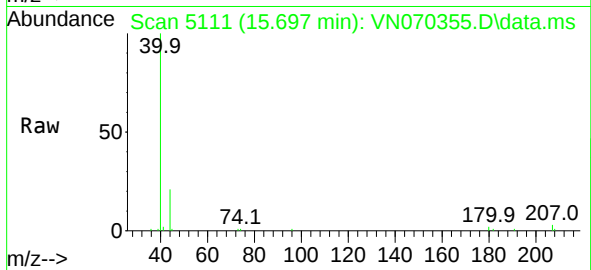
Tgt Ion:128 Resp: 994
Ion Ratio Lower Upper
128 100
127 17.6 10.5 15.7#
129 6.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.882 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VN070355.D
 Acq: 29 Dec 2021 17:58

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 374
 Ion Ratio Lower Upper
 180 100
 182 87.2 47.4 142.2
 145 0.0 15.0 45.1#

