

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070379.D
 Acq On : 30 Dec 2021 5:52
 Operator : JC/MD
 Sample : M5007-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 30 07:18:56 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)

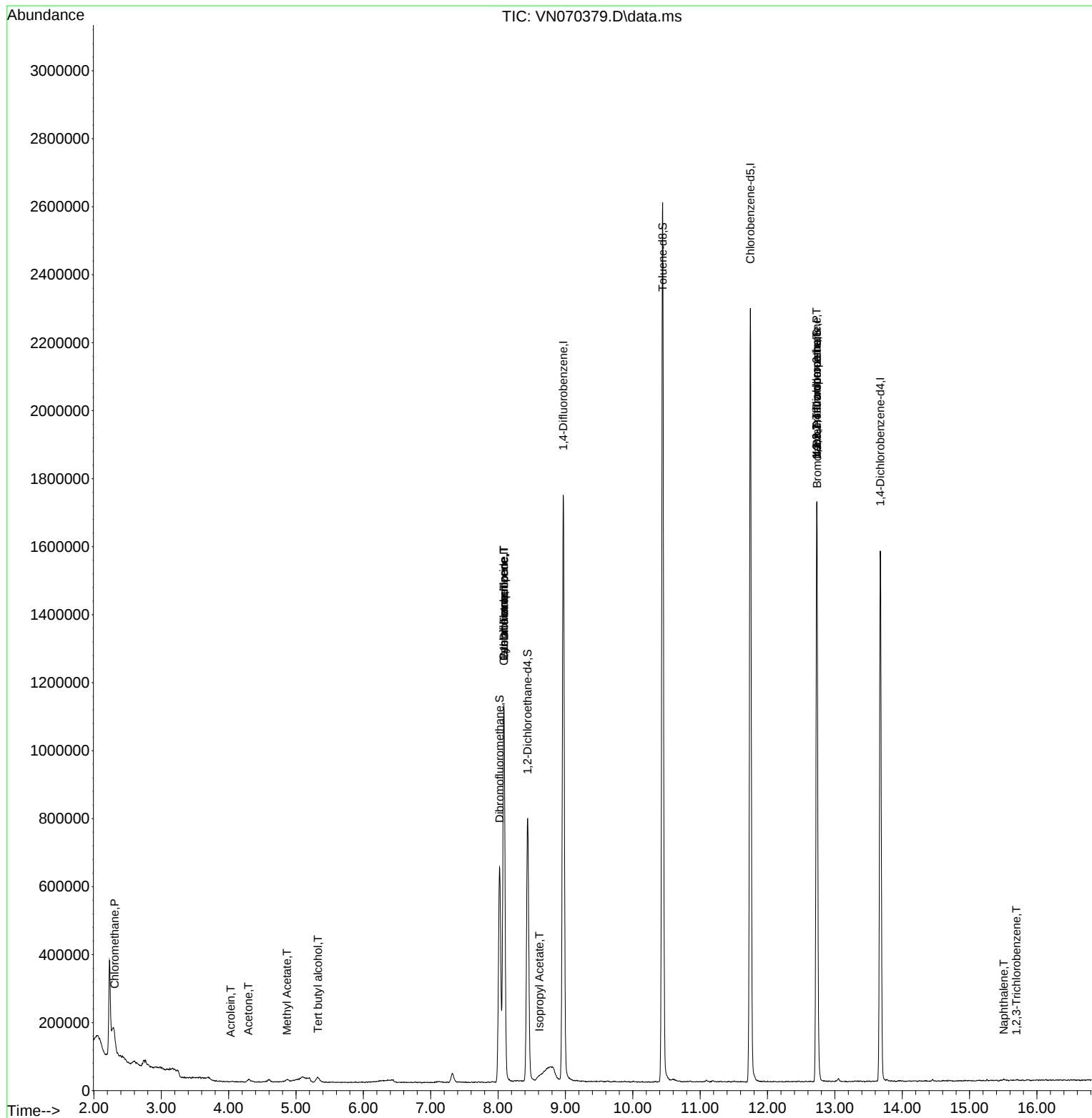
Internal Standards						
1) Pentafluorobenzene	8.086	168	854125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1478763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1303927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	423359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	664858	54.138	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.280%	
35) Dibromofluoromethane	8.021	113	472168	52.772	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.540%	
50) Toluene-d8	10.443	98	1791289	49.009	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.020%	
62) 4-Bromofluorobenzene	12.734	95	613775	46.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	4524	0.343	ug/l	95
11) Tert butyl alcohol	5.329	59	16123	7.885	ug/l #	71
13) Acrolein	4.031	56	392	0.236	ug/l #	53
16) Acetone	4.293	43	8571	1.075	ug/l	97
18) Methyl Acetate	4.867	43	12715	0.551	ug/l #	76
31) Cyclohexane	8.086	56	20668	1.066	ug/l #	17
36) 1,1-Dichloropropene	8.086	75	72158	4.875	ug/l #	45
38) Carbon Tetrachloride	8.088	117	83863	5.934	ug/l #	17
43) Isopropyl Acetate	8.614	43	16390	0.542	ug/l #	55
71) Bromoform	12.736	173	5357	0.731	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.731	83	301	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	324723	27.226	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	324723	93.712	ug/l #	5
95) Naphthalene	15.507	128	3121	1.953	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.697	180	277	0.867	ug/l #	31

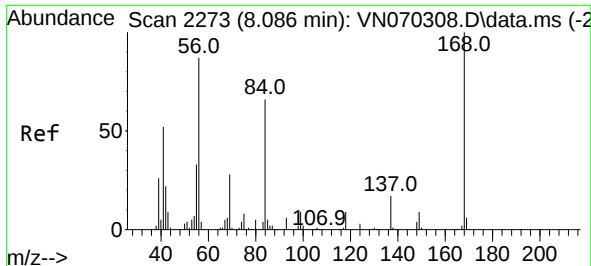
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
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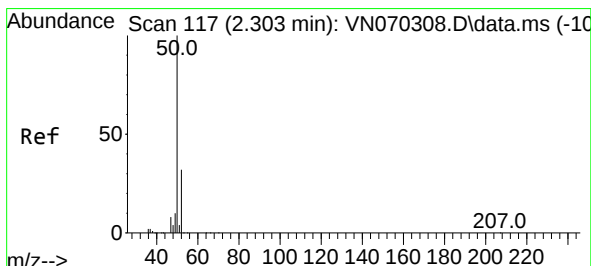
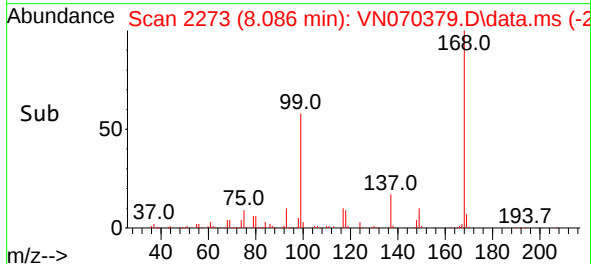
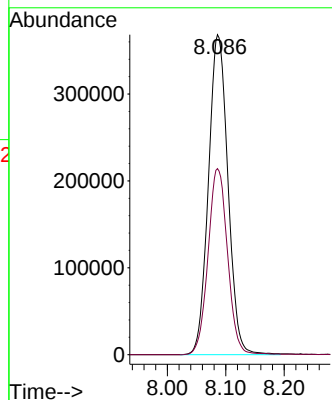
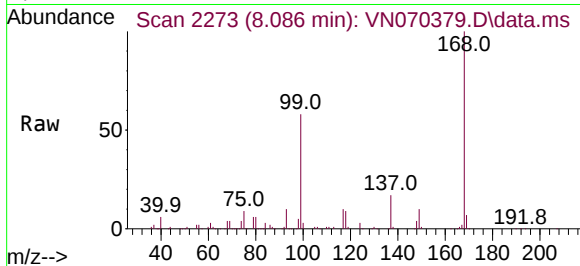




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

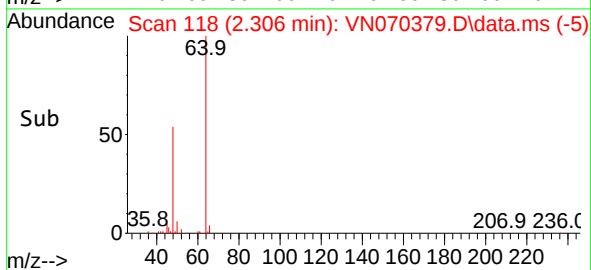
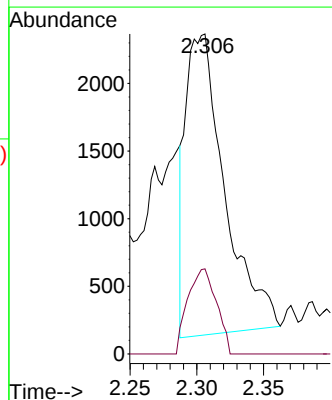
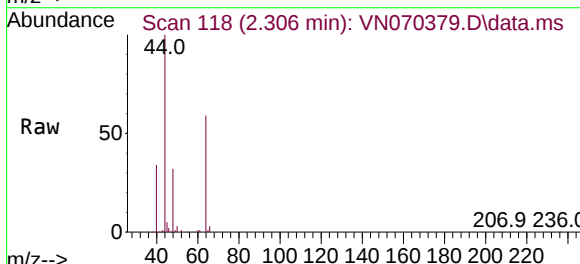
Instrument :
MSVOA_N
ClientSampleId :

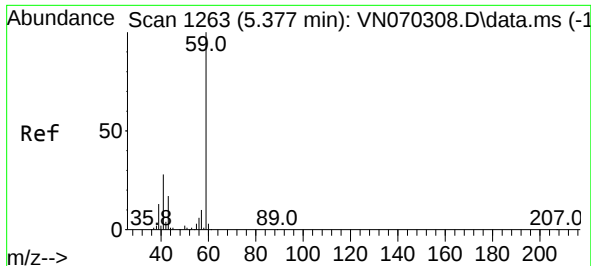
Tgt Ion:168 Resp: 854125
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9



#3
Chloromethane
Concen: 0.343 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

Tgt Ion: 50 Resp: 4524
Ion Ratio Lower Upper
50 100
52 29.1 25.4 38.0





#11

Tert butyl alcohol

Concen: 7.885 ug/l

RT: 5.329 min Scan# 1

Delta R.T. -0.048 min

Lab File: VN070379.D

Acq: 30 Dec 2021 5:52

Instrument :

MSVOA_N

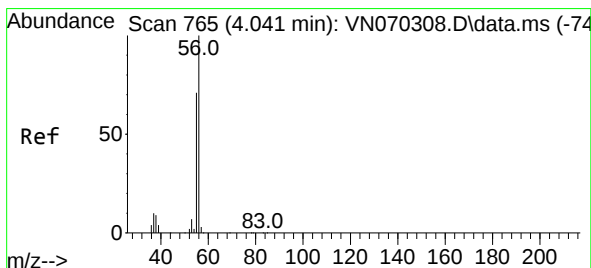
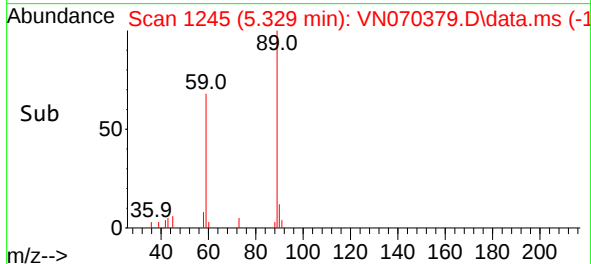
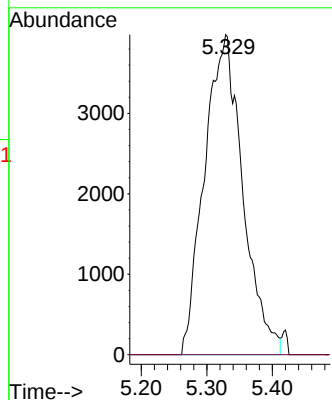
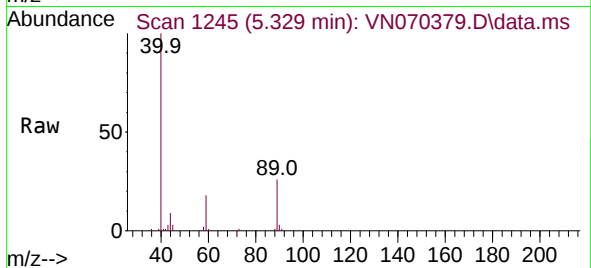
ClientSampleId :

Tgt Ion: 59 Resp: 16123

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.236 ug/l

RT: 4.031 min Scan# 761

Delta R.T. -0.010 min

Lab File: VN070379.D

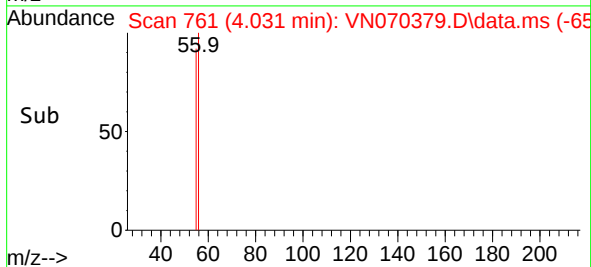
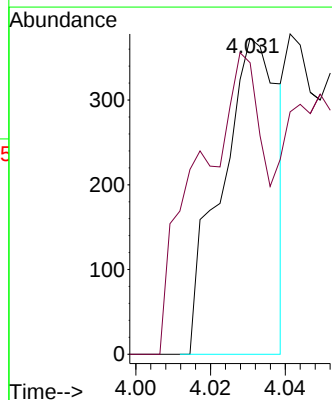
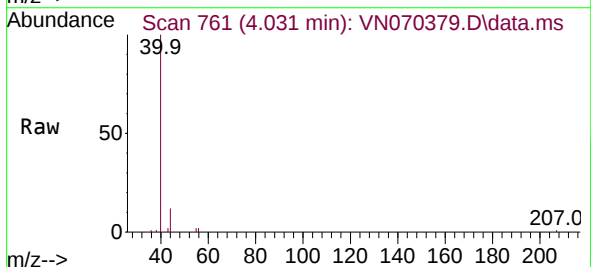
Acq: 30 Dec 2021 5:52

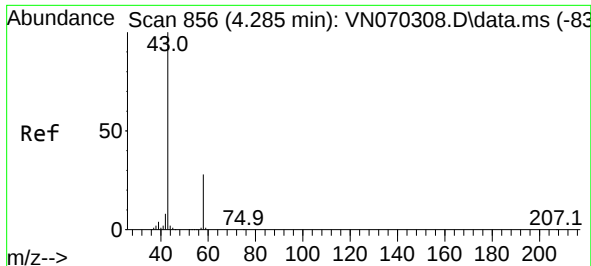
Tgt Ion: 56 Resp: 392

Ion Ratio Lower Upper

56 100

55 109.7 56.6 85.0#

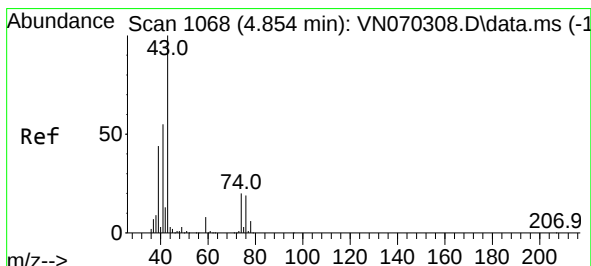
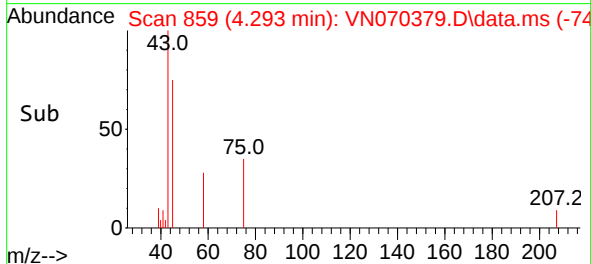
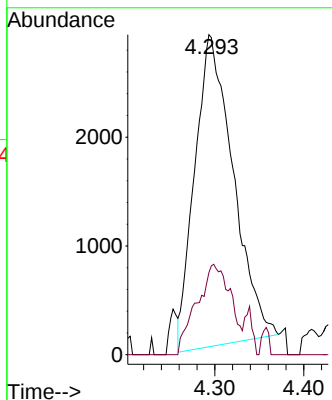
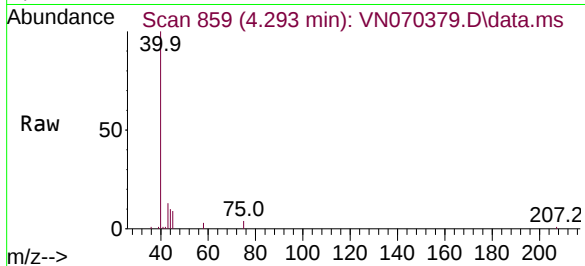




#16
Acetone
Concen: 1.075 ug/l
RT: 4.293 min Scan# 856
Delta R.T. 0.008 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

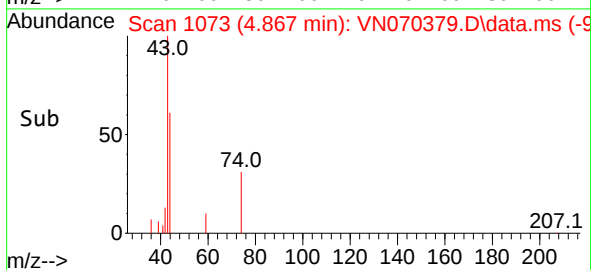
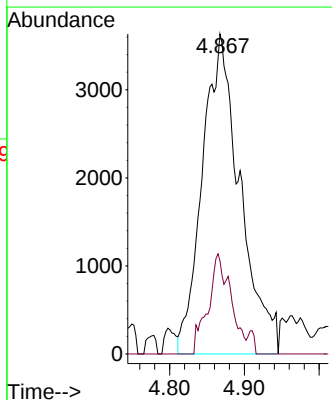
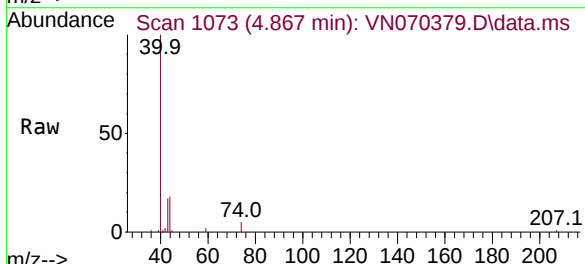
Instrument :
MSVOA_N
ClientSampleId :

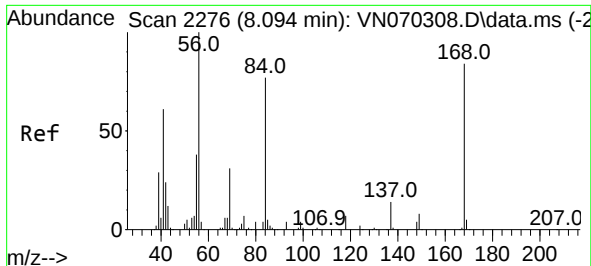
Tgt Ion: 43 Resp: 8571
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7



#18
Methyl Acetate
Concen: 0.551 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

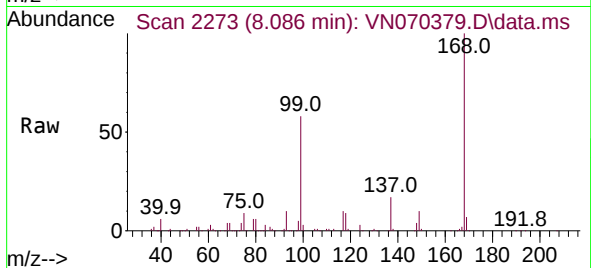
Tgt Ion: 43 Resp: 12715
Ion Ratio Lower Upper
43 100
74 12.4 19.4 29.2#



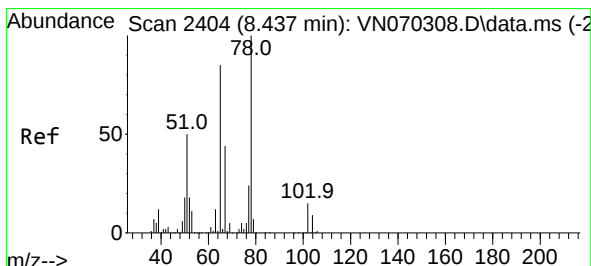
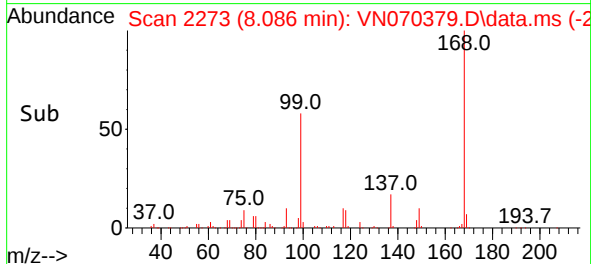
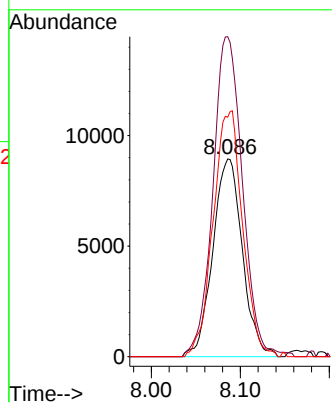


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

Instrument :
MSVOA_N
ClientSampleId :

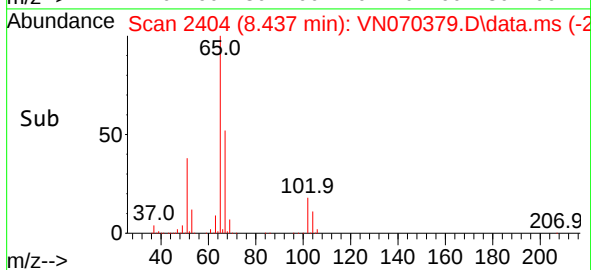
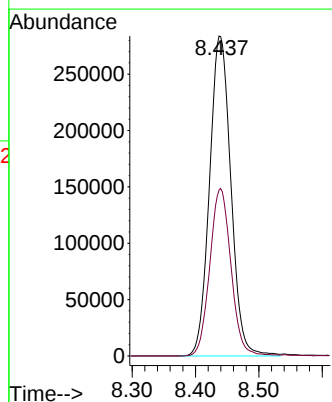
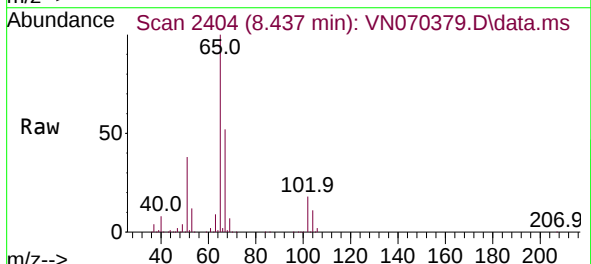


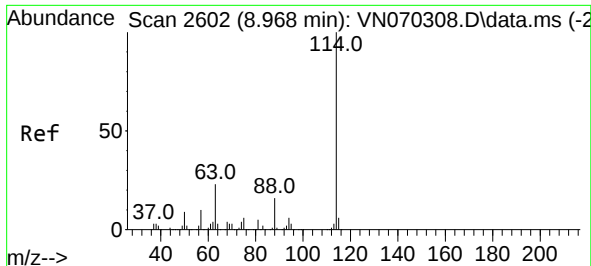
Tgt Ion: 56 Resp: 20668
Ion Ratio Lower Upper
56 100
69 161.8 27.1 40.7#
84 121.1 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 54.138 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

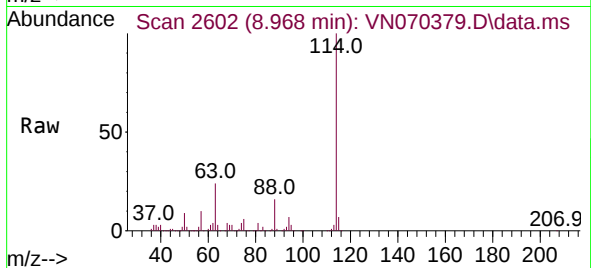
Tgt Ion: 65 Resp: 664858
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0



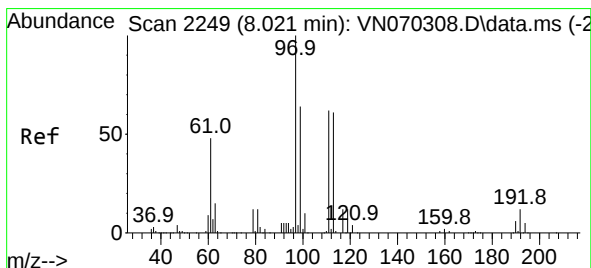
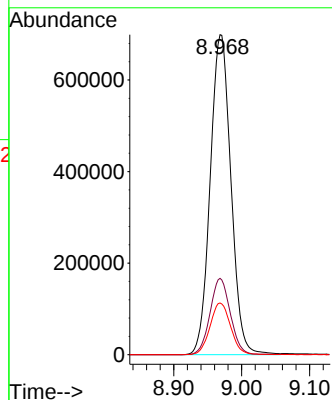
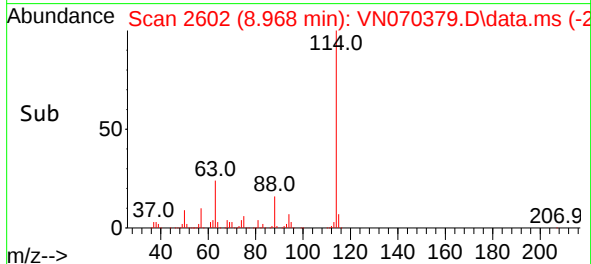


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

Instrument :
MSVOA_N
ClientSampleId :

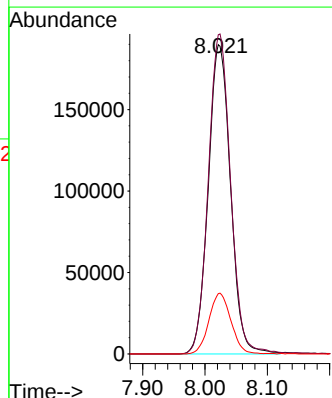
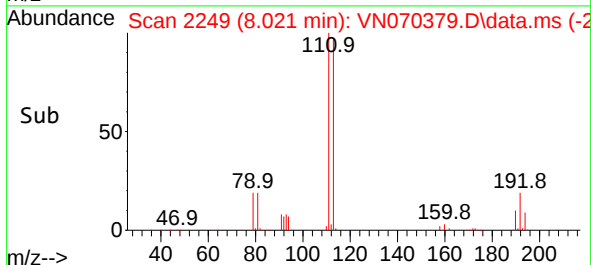
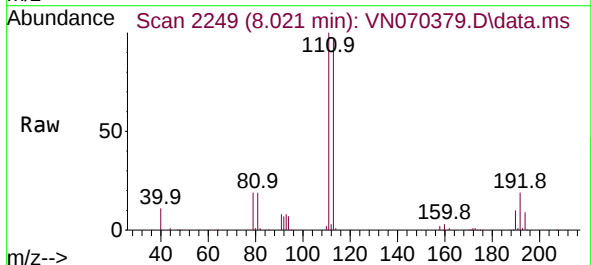


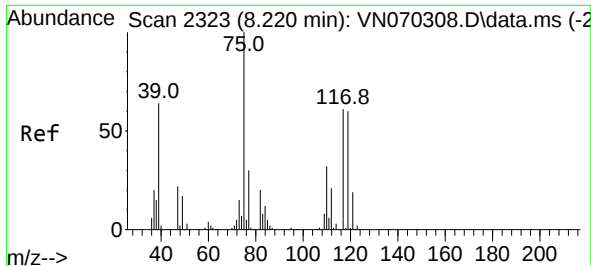
Tgt Ion:114 Resp: 1478763
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.772 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

Tgt Ion:113 Resp: 472168
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.4 16.9 25.3

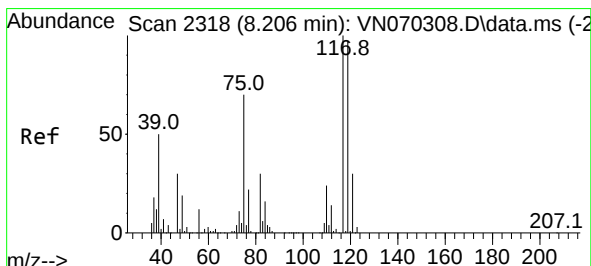
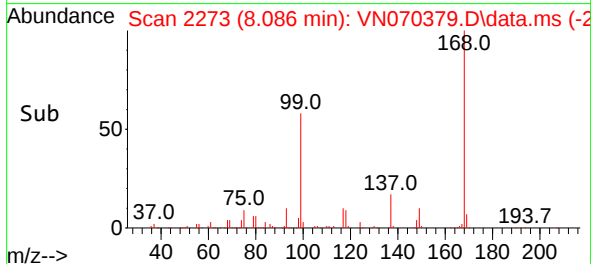
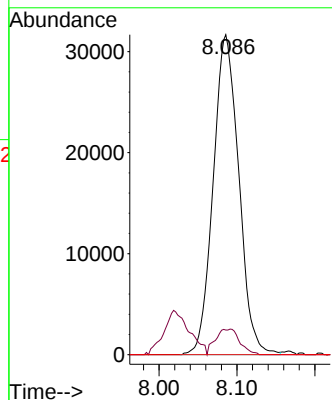
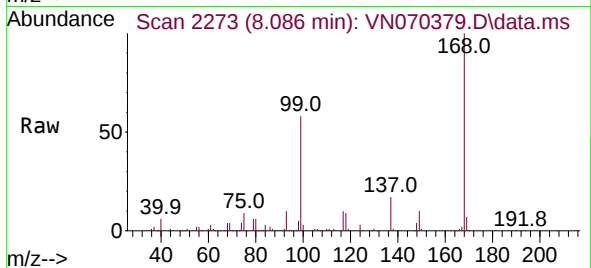




#36
1,1-Dichloropropene
Concen: 4.875 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

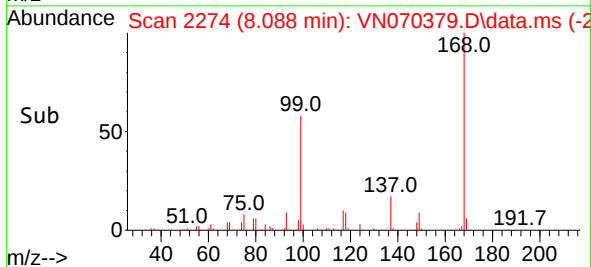
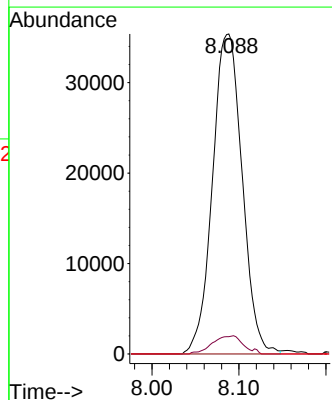
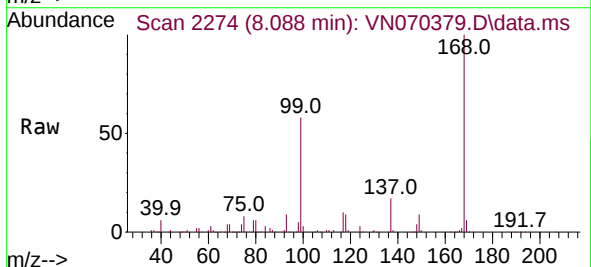
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ClientSampleId :

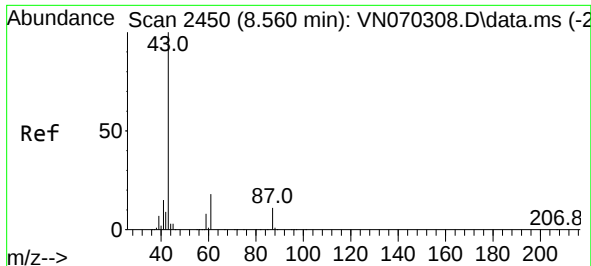
Tgt Ion: 75 Resp: 72158
Ion Ratio Lower Upper
75 100
110 4.1 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.934 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

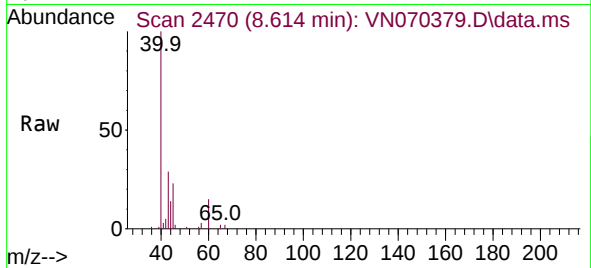
Tgt Ion: 117 Resp: 83863
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



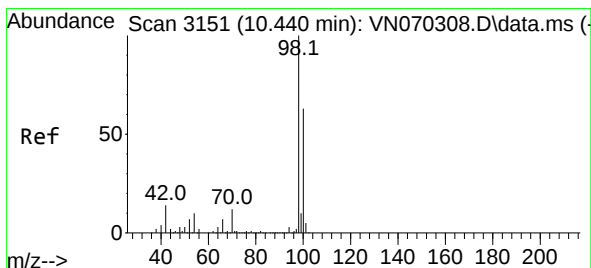
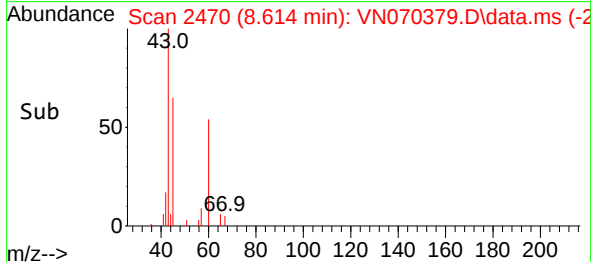
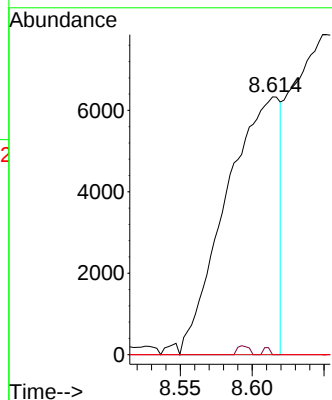


#43
Isopropyl Acetate
Concen: 0.542 ug/l
RT: 8.614 min Scan# 2450
Delta R.T. 0.054 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

Instrument :
MSVOA_N
ClientSampleId :

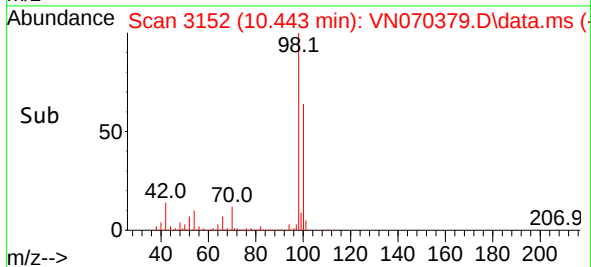
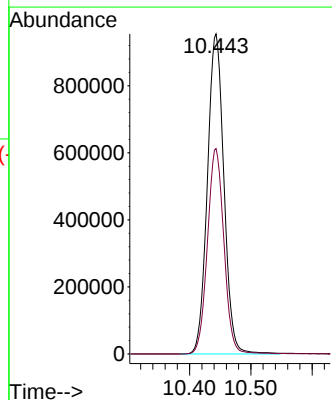
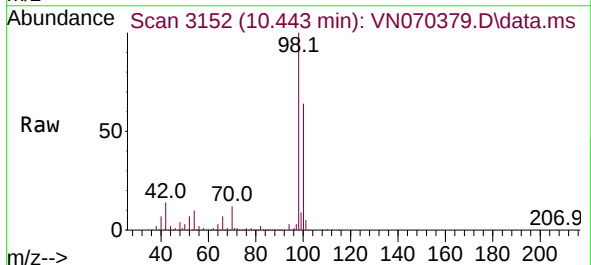


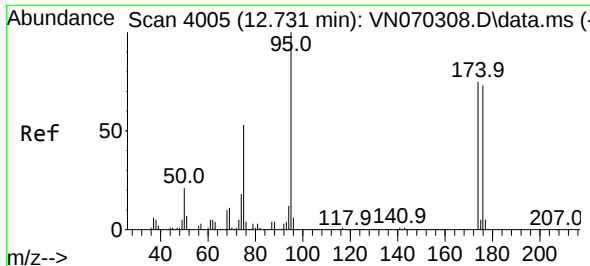
Tgt Ion: 43 Resp: 16390
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 49.009 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

Tgt Ion: 98 Resp: 1791289
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

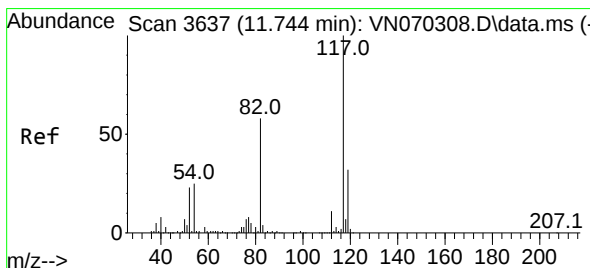
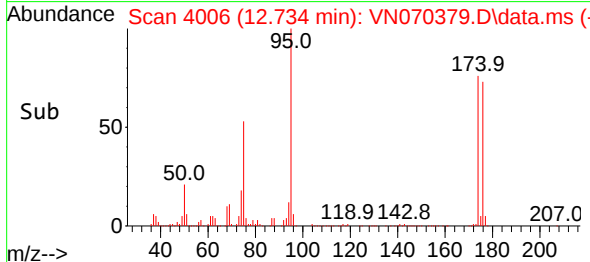
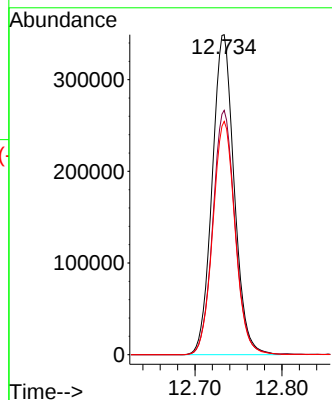
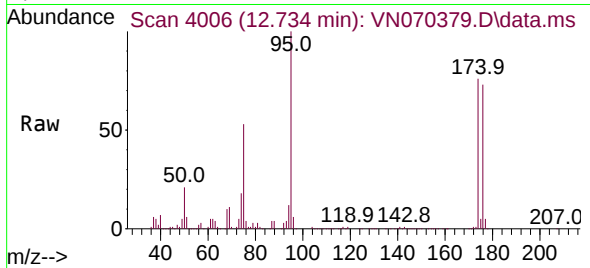




#62
4-Bromofluorobenzene
Concen: 46.494 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

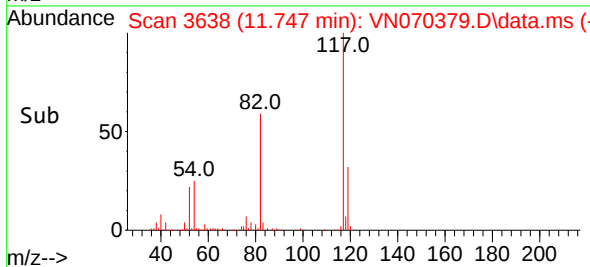
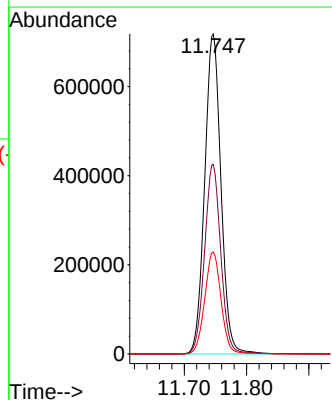
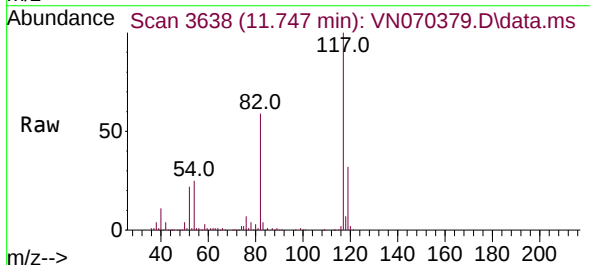
Instrument :
MSVOA_N
ClientSampleId :

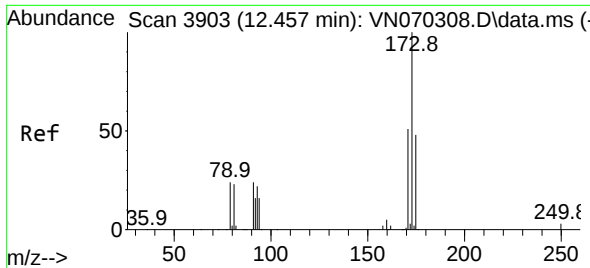
Tgt Ion: 95 Resp: 613775
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 73.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

Tgt Ion: 117 Resp: 1303927
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.8 25.4 38.2

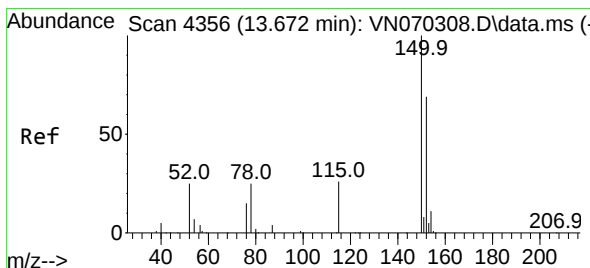
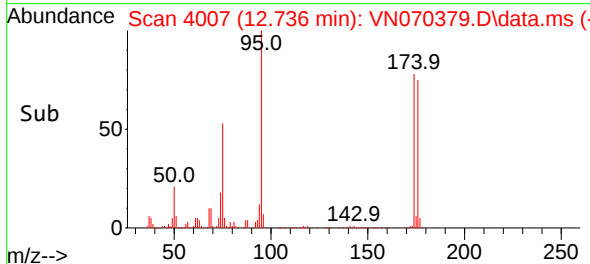
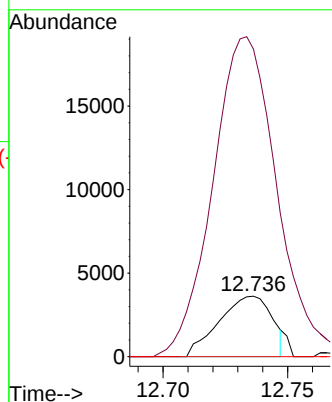
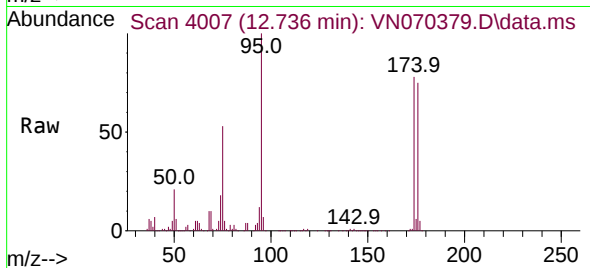




#71
Bromoform
Concen: 0.731 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.279 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

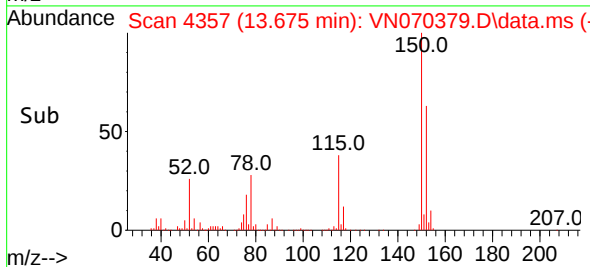
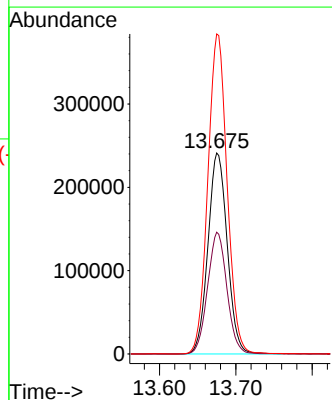
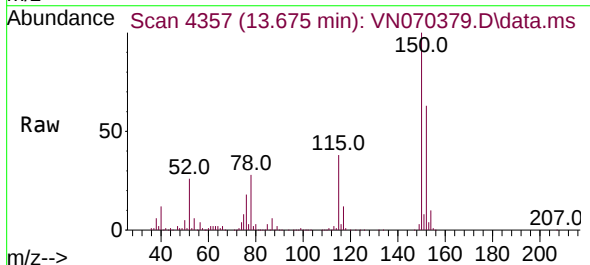
Instrument :
MSVOA_N
ClientSampleId :

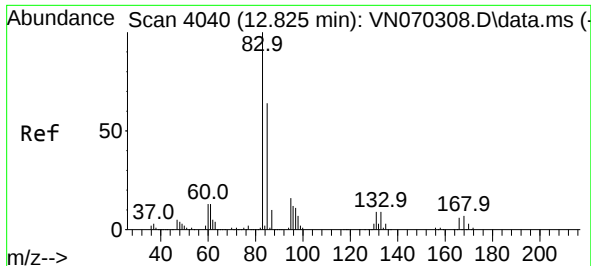
Tgt Ion:173 Resp: 5357
Ion Ratio Lower Upper
173 100
175 570.9 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

Tgt Ion:152 Resp: 423359
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 159.1 0.0 344.4

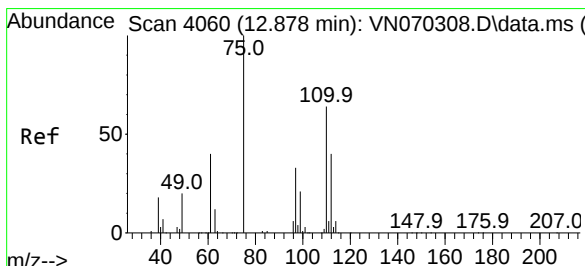
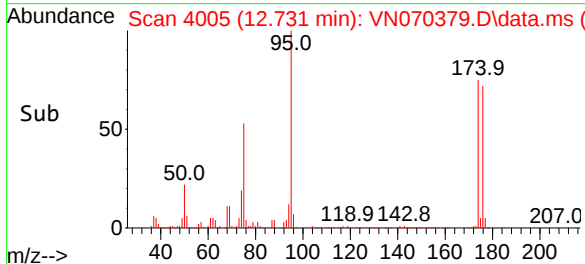
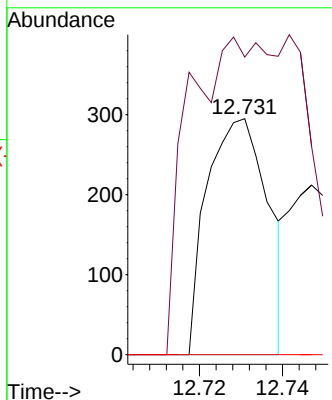
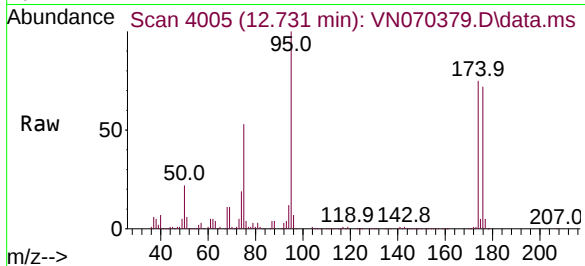




#75
1,1,2,2-Tetrachloroethane
Concen: 0.468 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.094 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

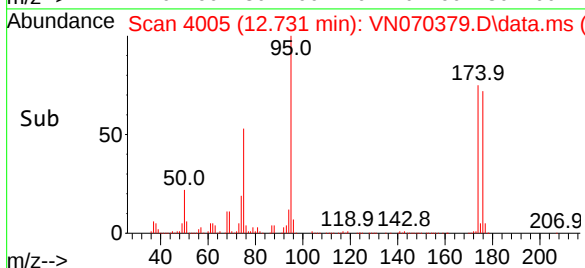
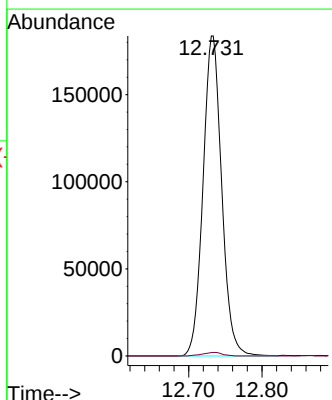
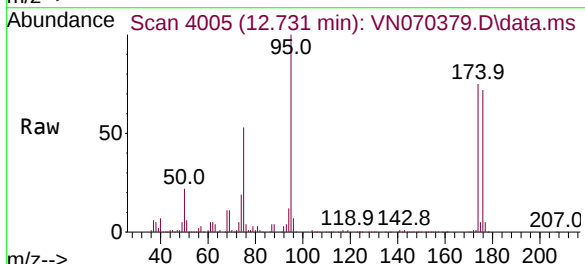
Instrument :
MSVOA_N
ClientSampleId :

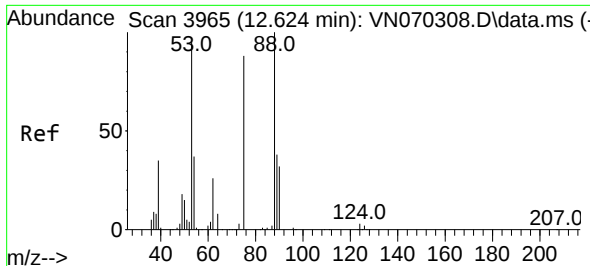
Tgt Ion: 83 Resp: 301
Ion Ratio Lower Upper
83 100
131 190.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 27.226 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

Tgt Ion: 75 Resp: 324723
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

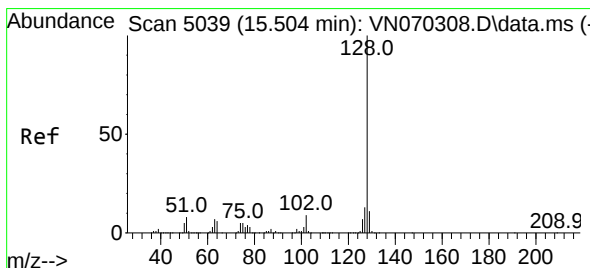
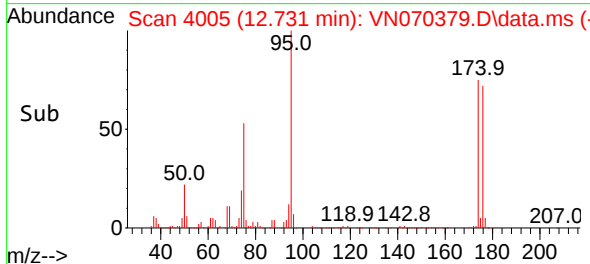
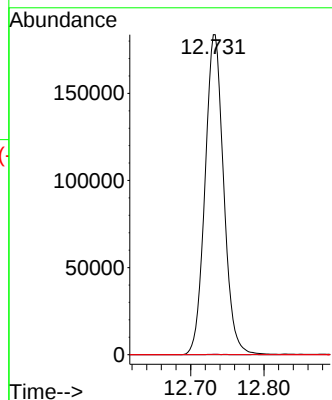
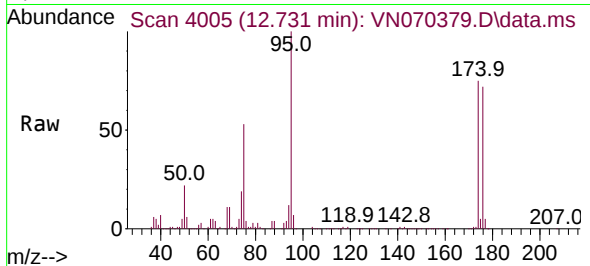




#81
trans-1,4-Dichloro-2-butene
Concen: 93.712 ug/l
RT: 12.731 min Scan# 40
Delta R.T. 0.107 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

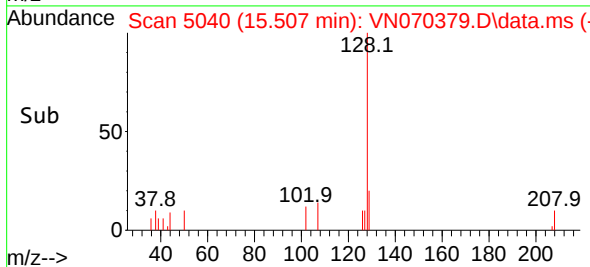
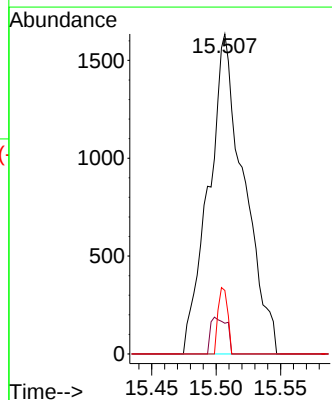
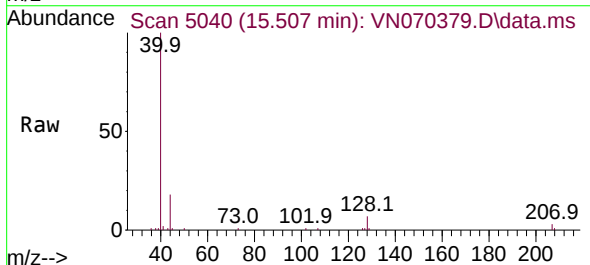
Instrument :
MSVOA_N
ClientSampleId :

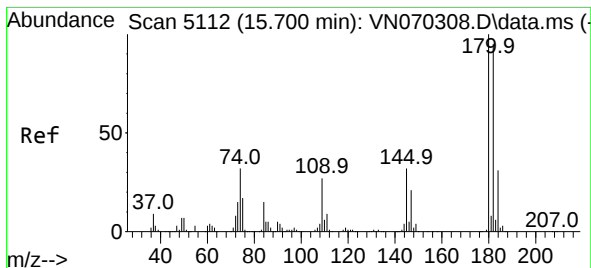
Tgt Ion: 75 Resp: 324723
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.953 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070379.D
Acq: 30 Dec 2021 5:52

Tgt Ion: 128 Resp: 3121
Ion Ratio Lower Upper
128 100
127 5.2 10.5 15.7#
129 5.6 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.867 ug/l

RT: 15.697 min Scan# 51

Delta R.T. -0.003 min

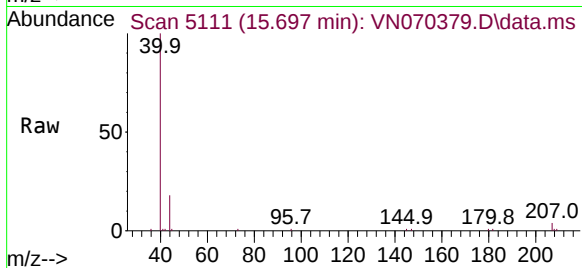
Lab File: VN070379.D

Acq: 30 Dec 2021 5:52

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 277

Ion Ratio Lower Upper

180 100

182 178.0 47.4 142.2#

145 22.0 15.0 45.1

