

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067923.D
 Acq On : 27 Jul 2021 12:47
 Operator : JC/MD
 Sample : VN0727WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 28 05:18:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

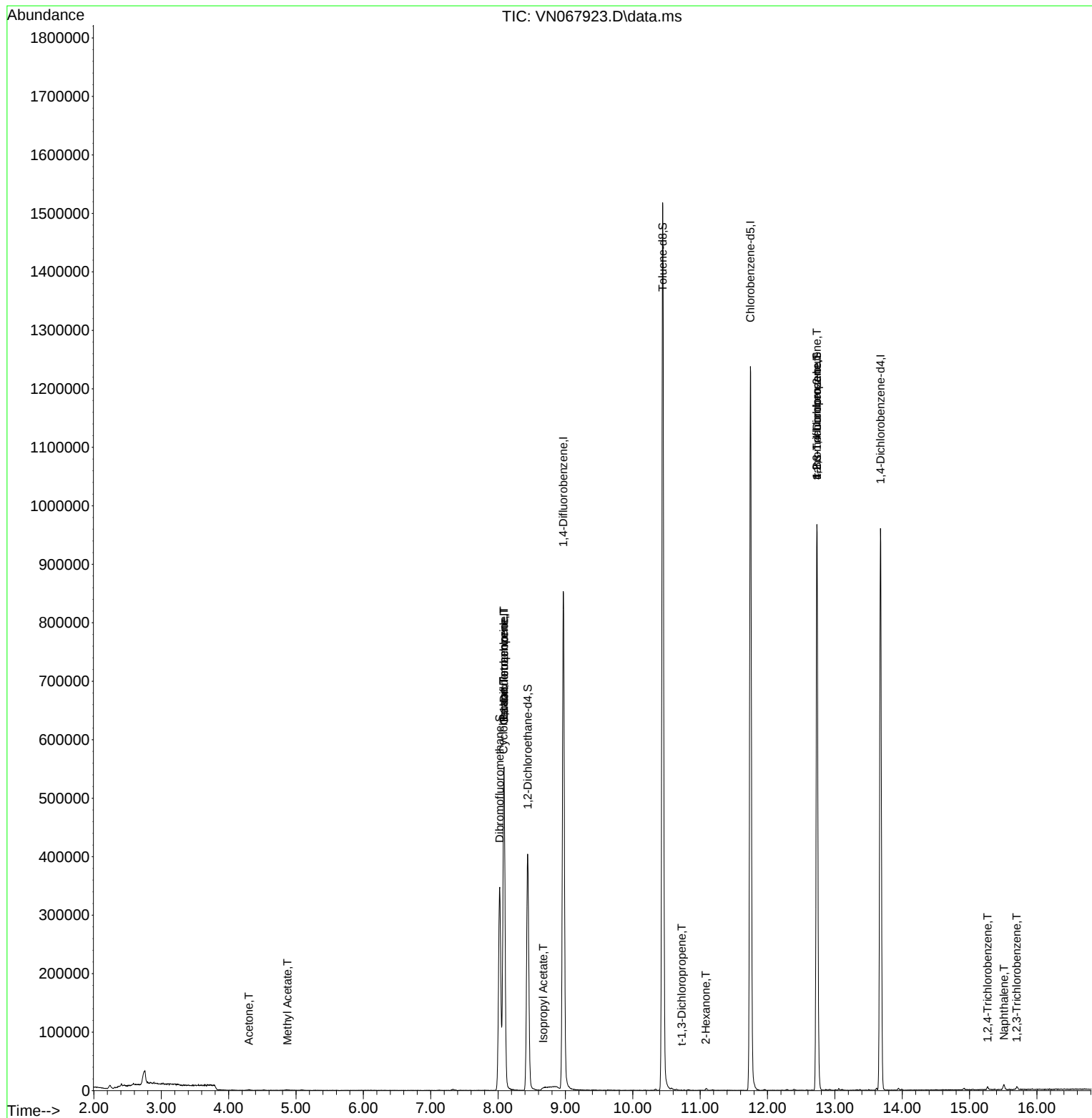
Internal Standards						
1) Pentafluorobenzene	8.088	168	394383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	752655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	721712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	251497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	344280	57.762	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 115.520%	
35) Dibromofluoromethane	8.024	113	253171	55.674	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.340%	
50) Toluene-d8	10.443	98	1060267	55.704	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 111.400%	
62) 4-Bromofluorobenzene	12.733	95	341402	50.774	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.832	94	115	Below Cal	#	4
6) Chloroethane	3.025	64	102	Below Cal	#	27
7) Trichlorofluoromethane	3.371	101	27	Below Cal	#	49
13) Acrolein	4.044	56	230	Below Cal	#	57
16) Acetone	4.299	43	1246	0.664	ug/l	94
18) Methyl Acetate	4.873	43	1571	0.298	ug/l	# 70
20) Methylene Chloride	5.090	84	389	Below Cal	#	74
31) Cyclohexane	8.080	56	10343	1.238	ug/l	# 25
36) 1,1-Dichloropropene	8.088	75	34251	4.899	ug/l	# 47
38) Carbon Tetrachloride	8.086	117	45826	6.645	ug/l	# 16
43) Isopropyl Acetate	8.670	43	2595	0.218	ug/l	# 58
53) t-1,3-Dichloropropene	10.727	75	53	1.750	ug/l	# 51
59) 2-Hexanone	11.084	43	2753	0.539	ug/l	# 57
76) 1,2,3-Trichloropropane	12.733	75	191214	37.230	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	191214	120.033	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.268	180	1723	3.064	ug/l	92
95) Naphthalene	15.512	128	7997	3.623	ug/l	# 81
96) 1,2,3-Trichlorobenzene	15.700	180	1998	3.104	ug/l	82

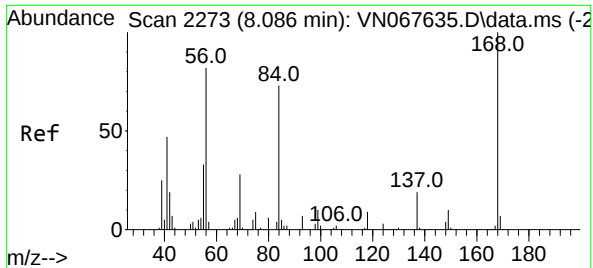
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
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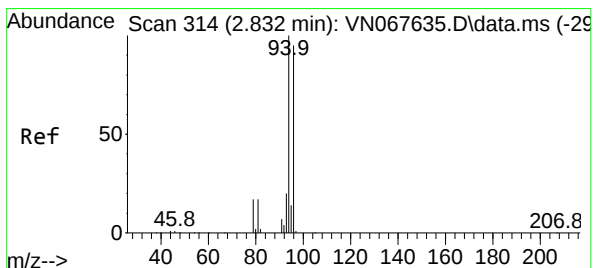
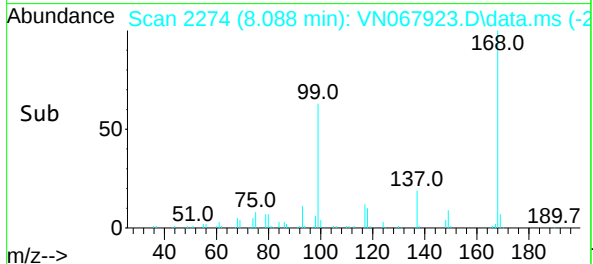
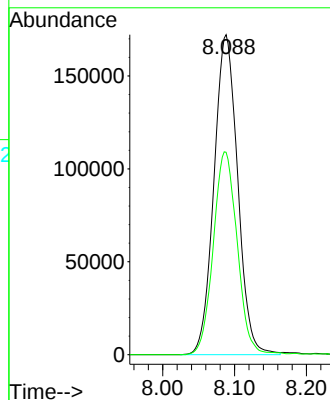
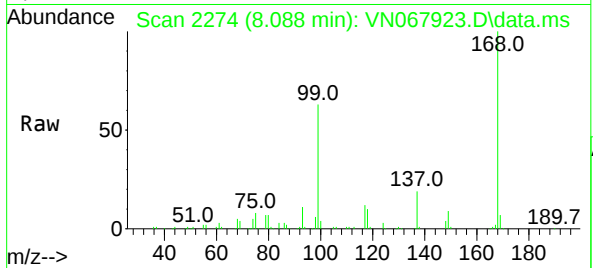




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

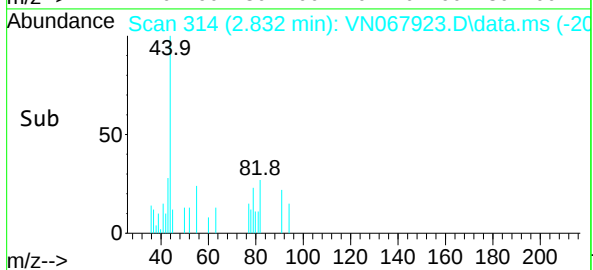
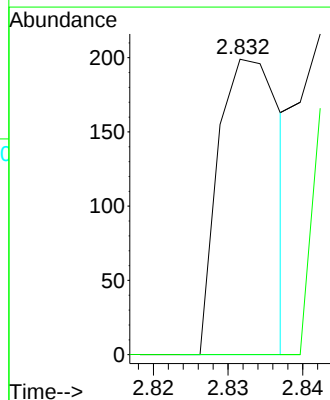
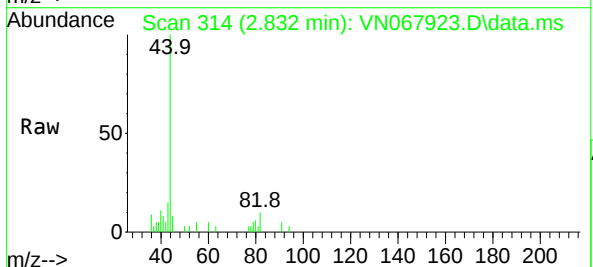
Instrument :
MSVOA_N
ClientSampleId :

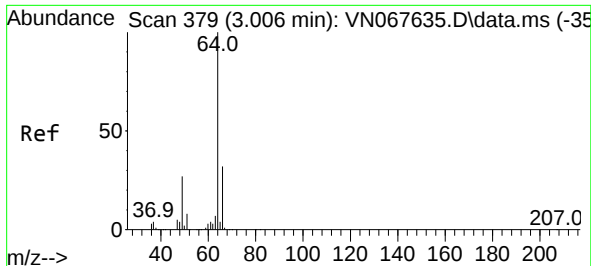
Tgt Ion:168 Resp: 394383
Ion Ratio Lower Upper
168 100
99 63.3 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.832 min Scan# 314
Delta R.T. -0.000 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion: 94 Resp: 115
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

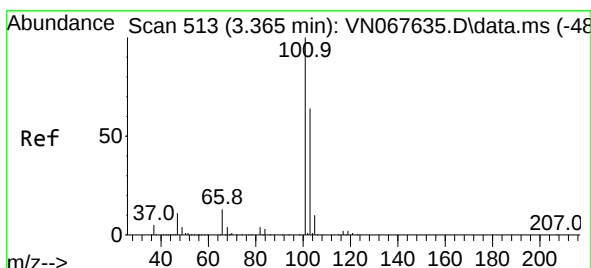
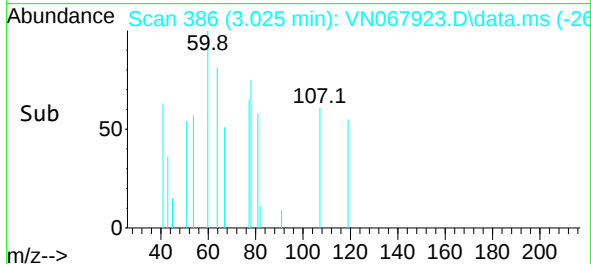
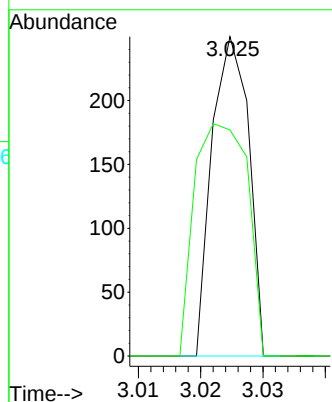
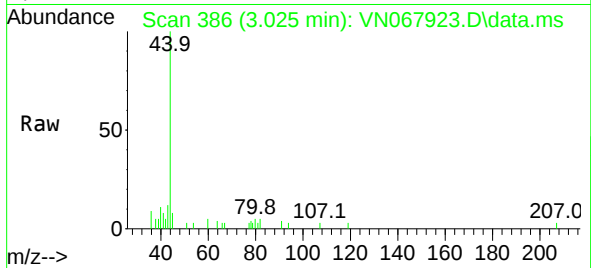




#6
Chloroethane
Concen: Below Cal
RT: 3.025 min Scan# 386
Delta R.T. 0.019 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

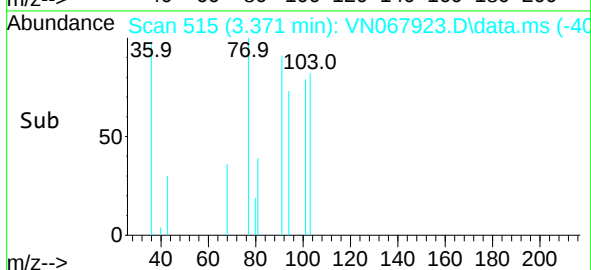
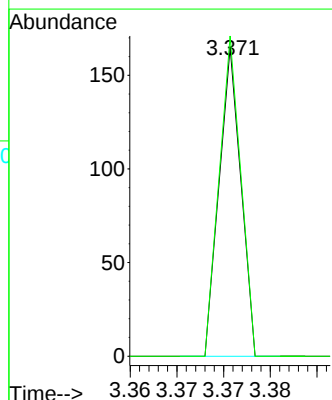
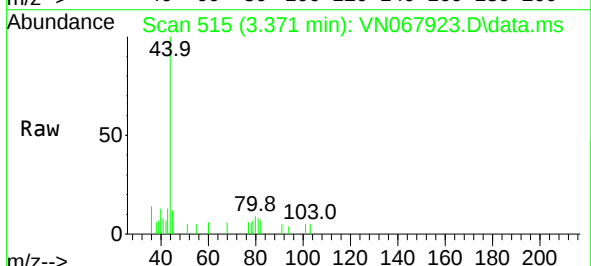
Instrument :
MSVOA_N
ClientSampled :

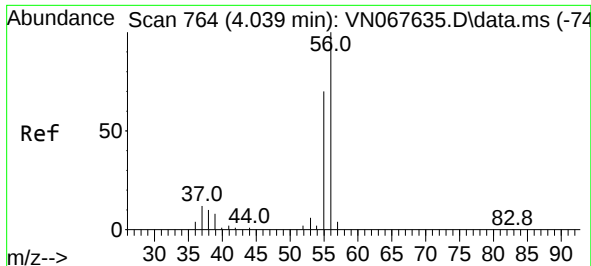
Tgt Ion: 64 Resp: 102
Ion Ratio Lower Upper
64 100
66 70.8 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.371 min Scan# 515
Delta R.T. 0.006 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion: 101 Resp: 27
Ion Ratio Lower Upper
101 100
103 103.6 51.2 76.8#

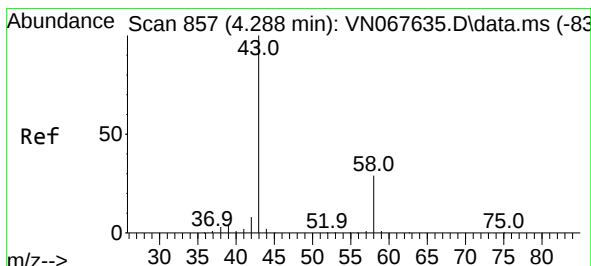
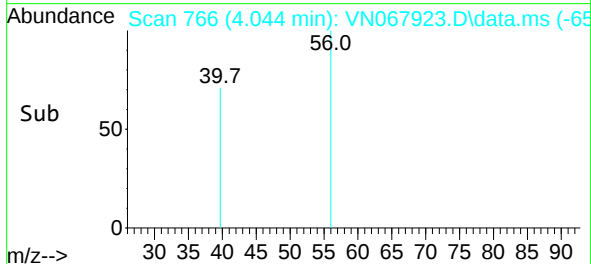
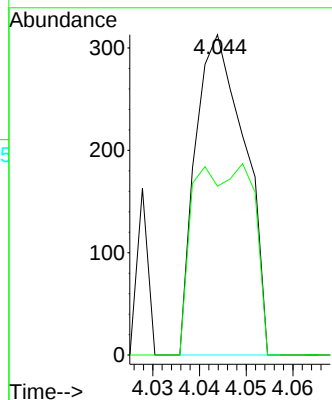
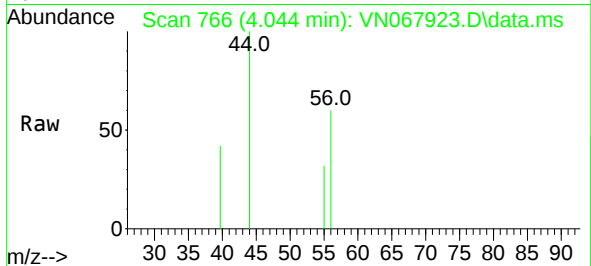




#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

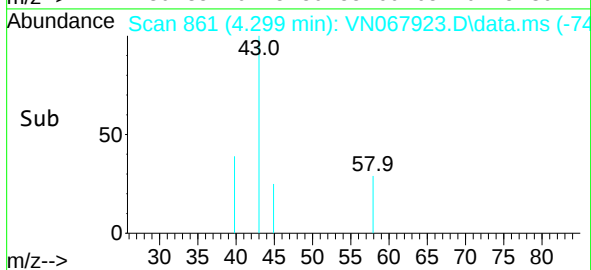
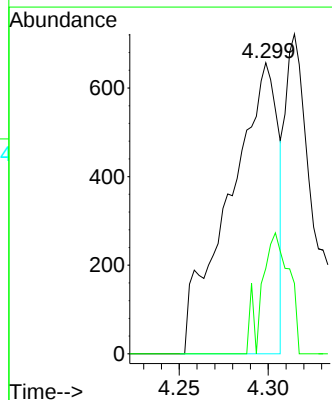
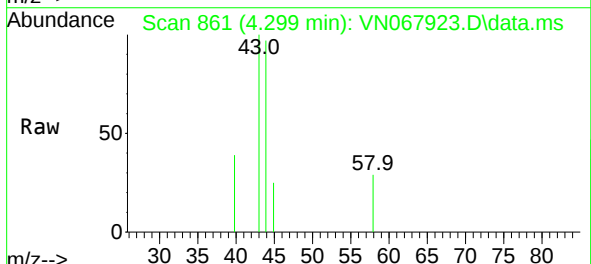
Instrument :
MSVOA_N
ClientSampled :

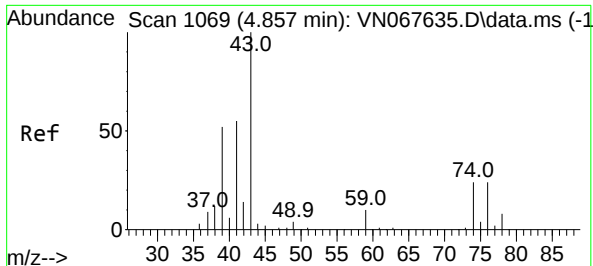
Tgt Ion: 56 Resp: 230
Ion Ratio Lower Upper
56 100
55 36.1 57.4 86.0#



#16
Acetone
Concen: 0.664 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 29.4 21.2 31.8

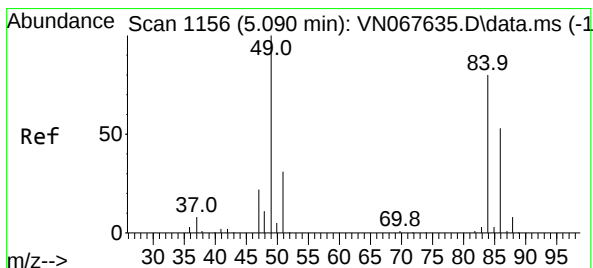
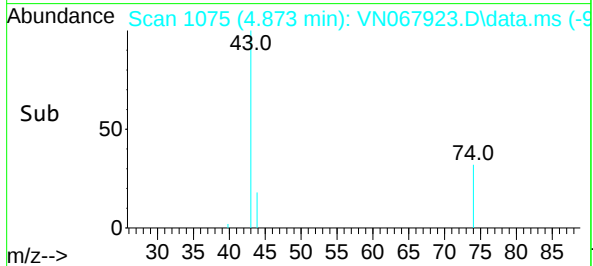
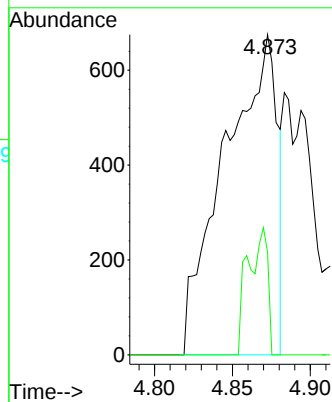
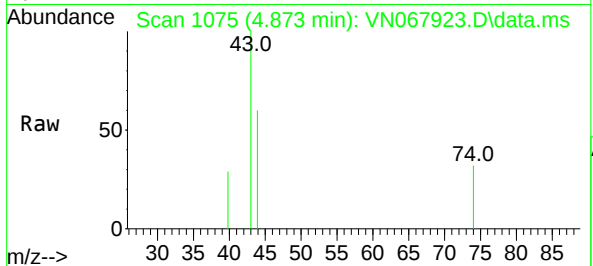




#18
Methyl Acetate
Concen: 0.298 ug/l
RT: 4.873 min Scan# 1075
Delta R.T. 0.016 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

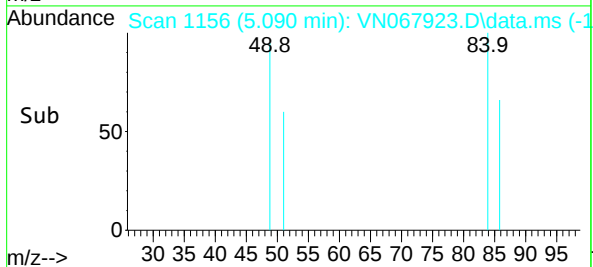
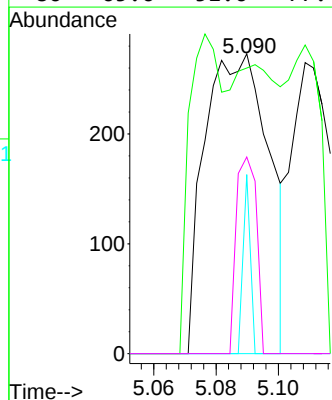
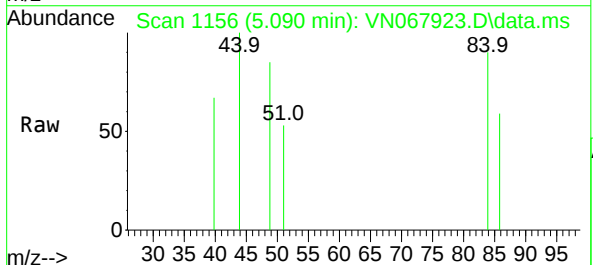
Instrument :
MSVOA_N
ClientSampled :

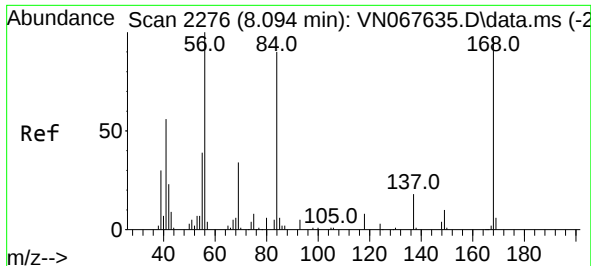
Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
74 7.3 17.4 26.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.090 min Scan# 1156
Delta R.T. -0.000 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion: 84 Resp: 389
Ion Ratio Lower Upper
84 100
49 95.2 110.9 166.3#
51 59.7 32.6 49.0#
86 65.6 51.6 77.4

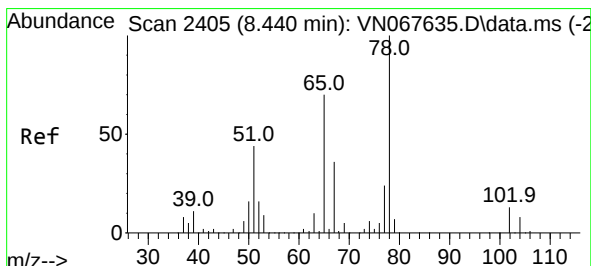
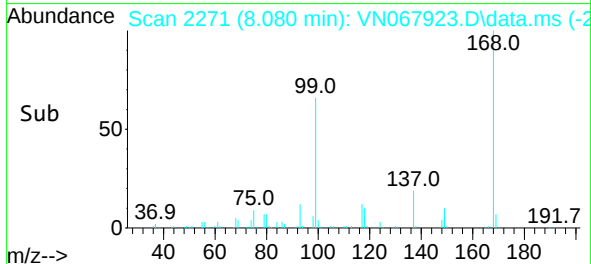
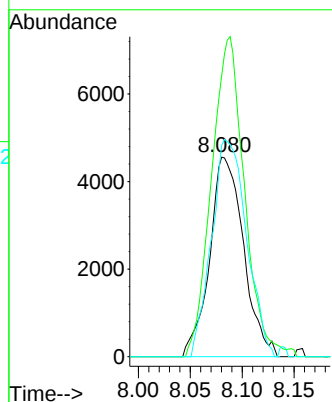
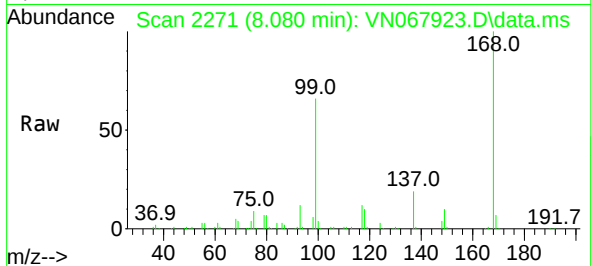




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.014 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

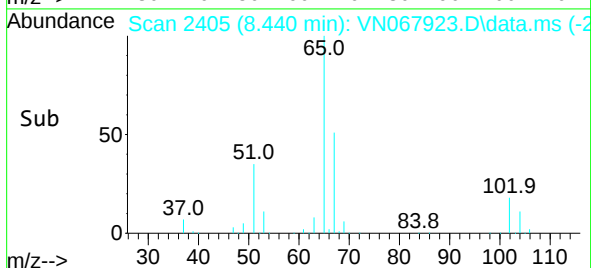
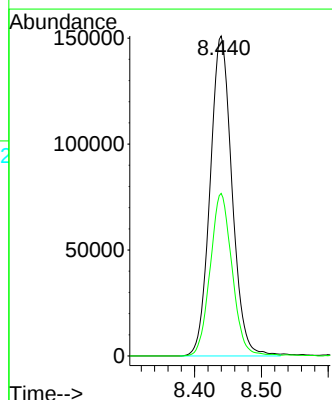
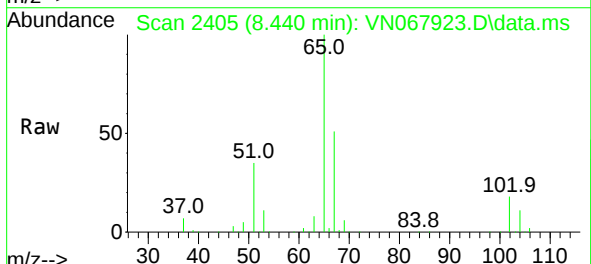
Instrument :
MSVOA_N
ClientSampleId :

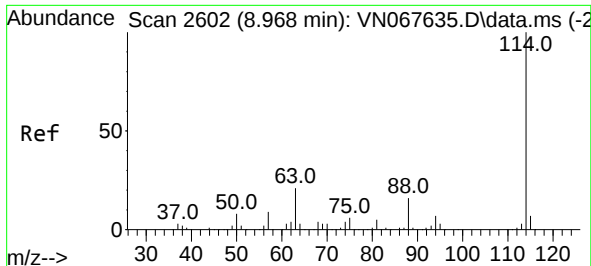
Tgt Ion: 56 Resp: 10343
Ion Ratio Lower Upper
56 100
69 140.7 27.3 40.9#
84 105.9 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 57.762 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion: 65 Resp: 344280
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6

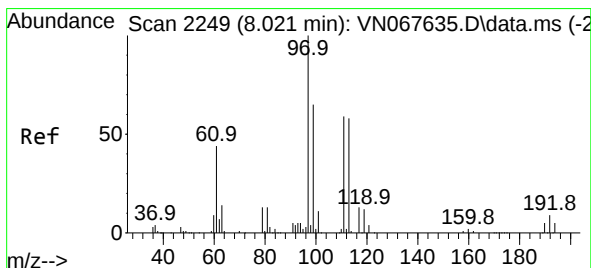
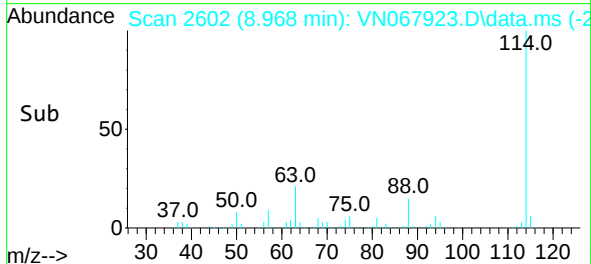
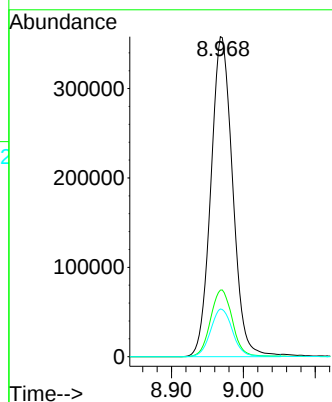
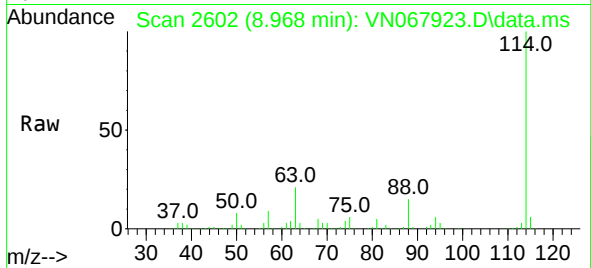




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

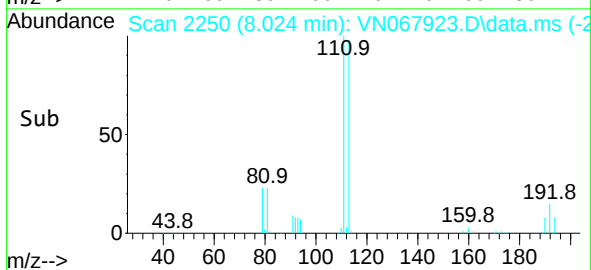
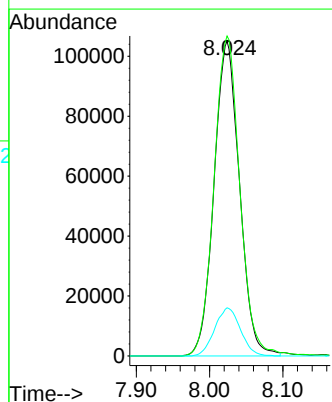
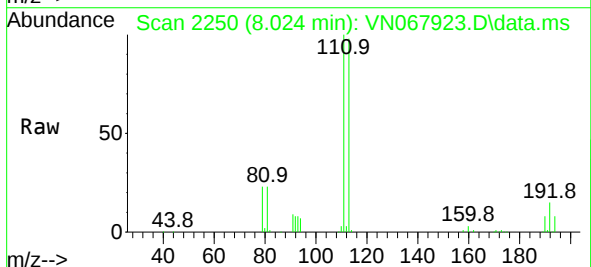
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ClientSampleId :

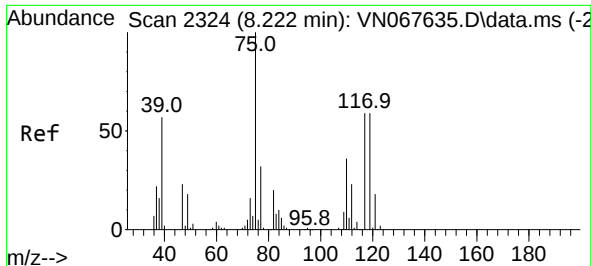
Tgt Ion:114 Resp: 752655
Ion Ratio Lower Upper
114 100
63 20.8 0.0 49.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 55.674 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion:113 Resp: 253171
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.8
192 15.5 13.4 20.0

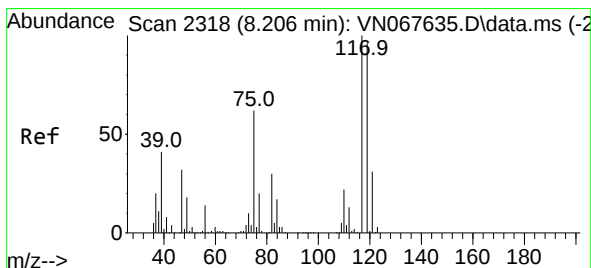
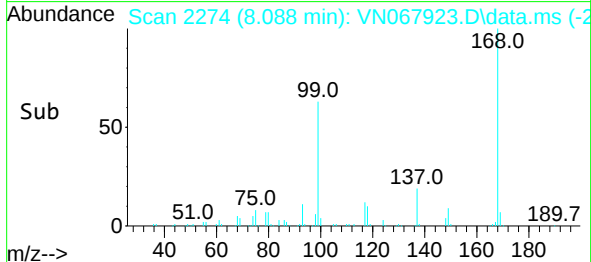
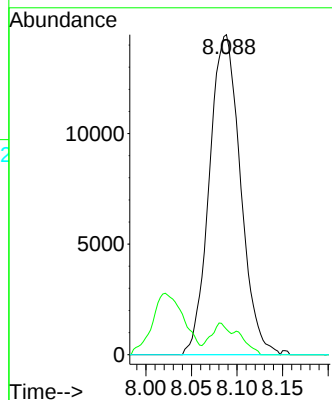
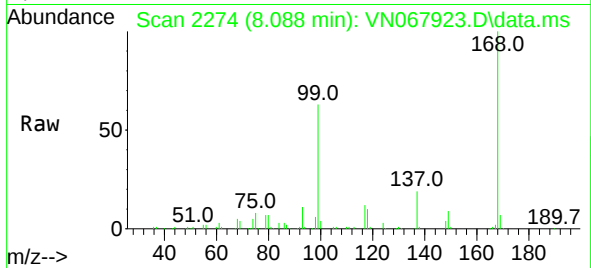




#36
1,1-Dichloropropene
Concen: 4.899 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

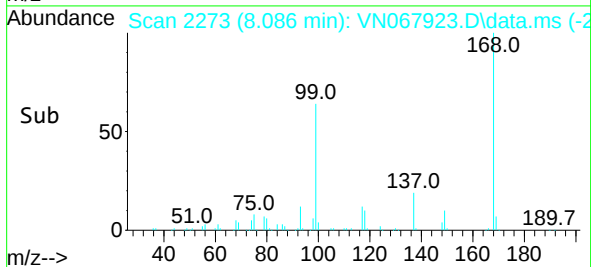
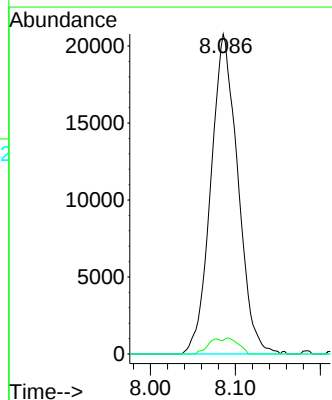
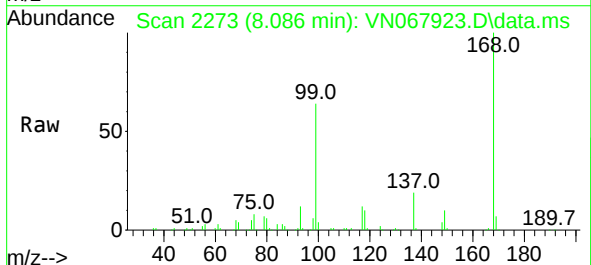
Instrument :
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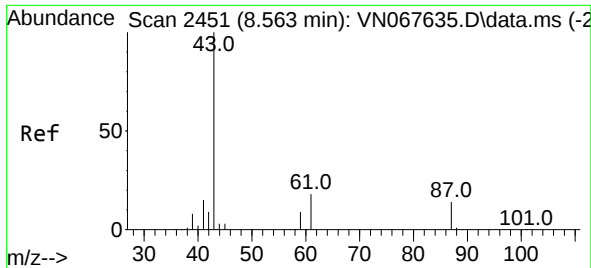
Tgt Ion: 75 Resp: 34251
Ion Ratio Lower Upper
75 100
110 3.5 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.645 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion: 117 Resp: 45826
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.2#
121 0.0 23.5 35.3#

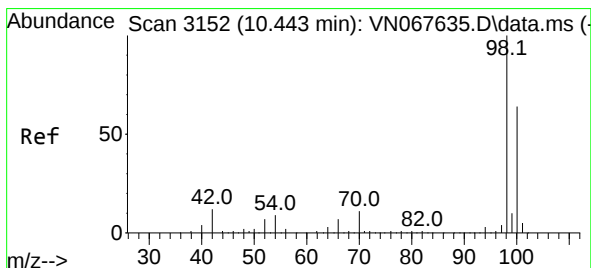
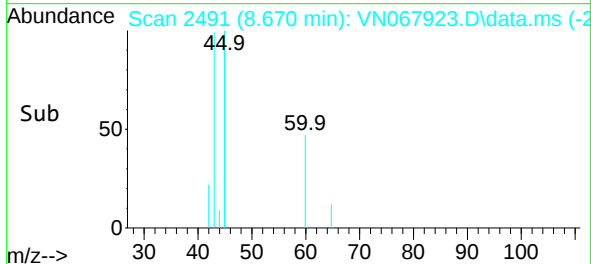
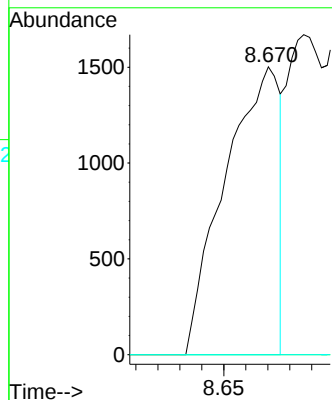
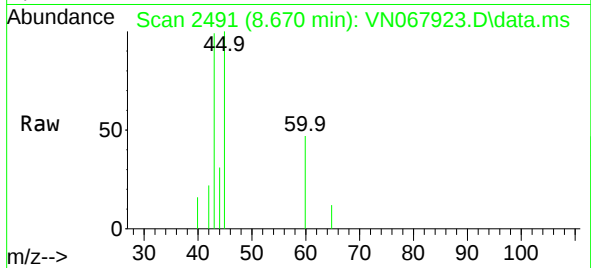




#43
Isopropyl Acetate
Concen: 0.218 ug/l
RT: 8.670 min Scan# 2491
Delta R.T. 0.107 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

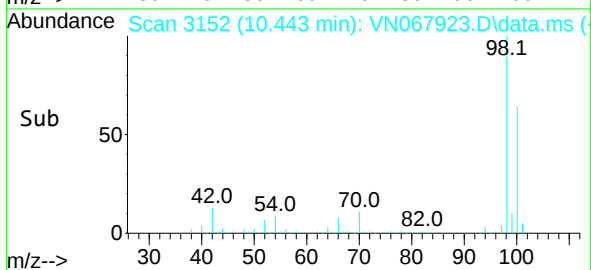
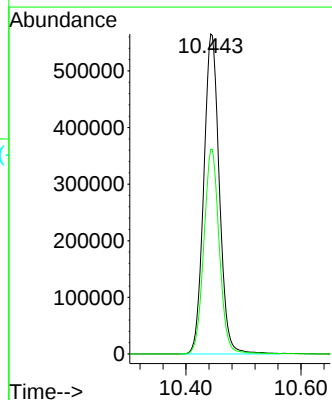
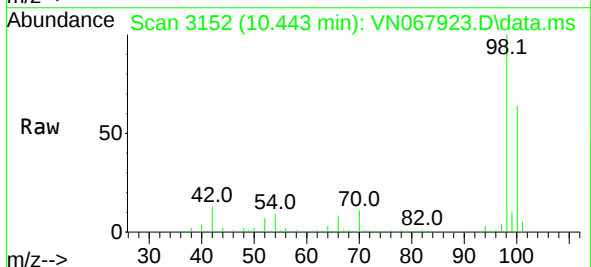
Instrument :
MSVOA_N
ClientSampled :

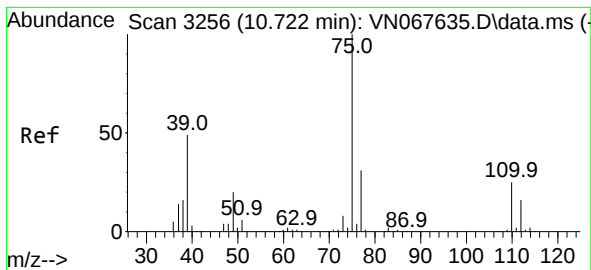
Tgt Ion: 43 Resp: 2595
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 55.704 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion: 98 Resp: 1060267
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5

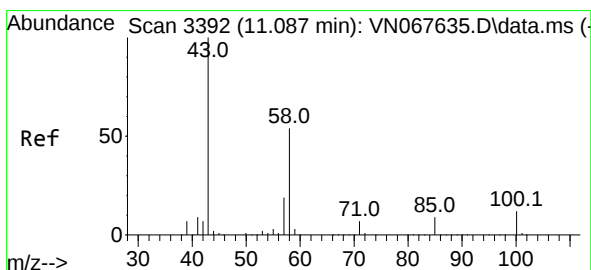
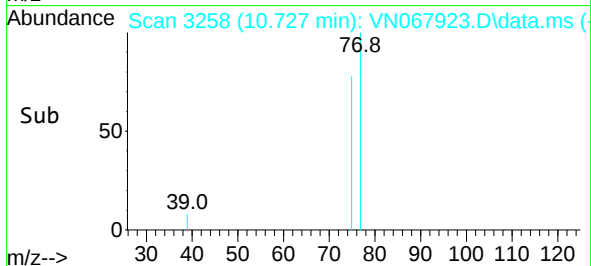
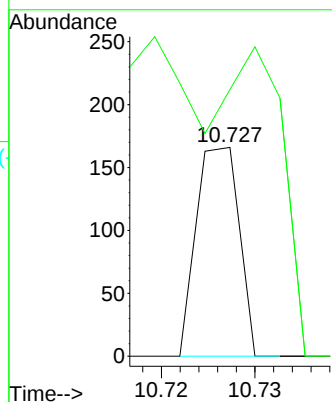
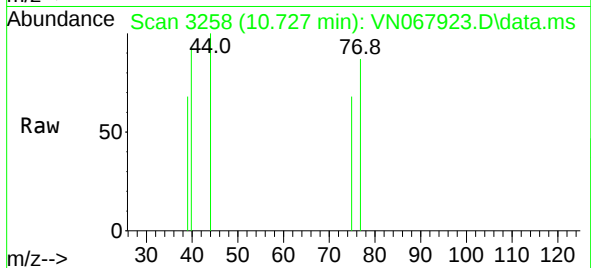




#53
t-1,3-Dichloropropene
Concen: 1.750 ug/l
RT: 10.727 min Scan# 3258
Delta R.T. 0.005 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

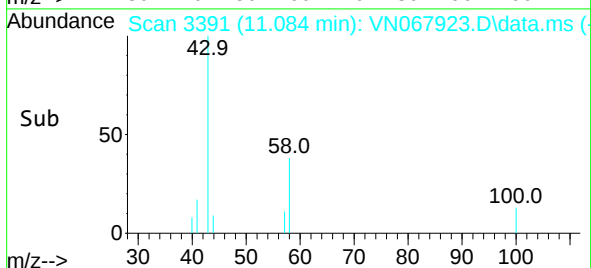
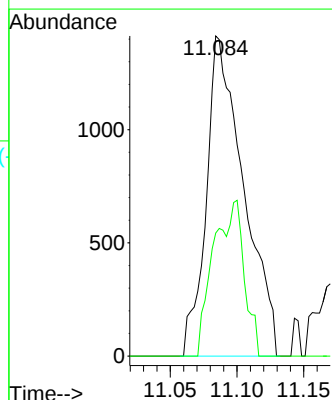
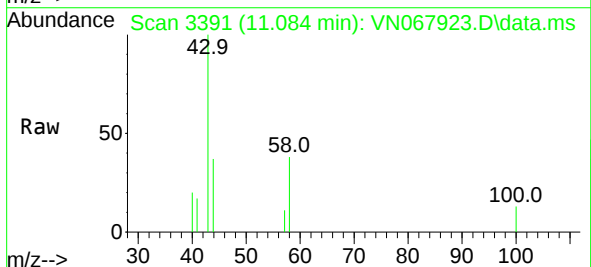
Instrument :
MSVOA_N
ClientSampled :

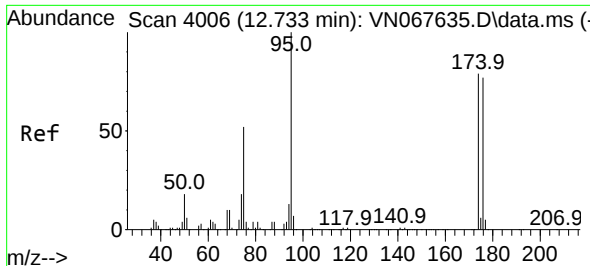
Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 4.2 25.1 37.7#



#59
2-Hexanone
Concen: 0.539 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion: 43 Resp: 2753
Ion Ratio Lower Upper
43 100
58 20.2 24.7 74.1#

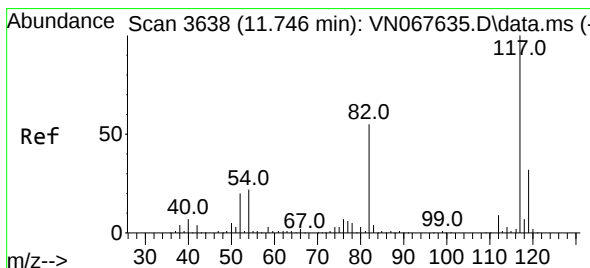
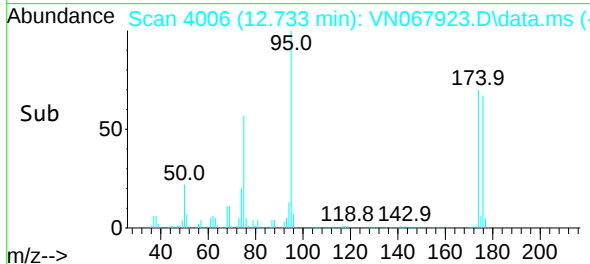
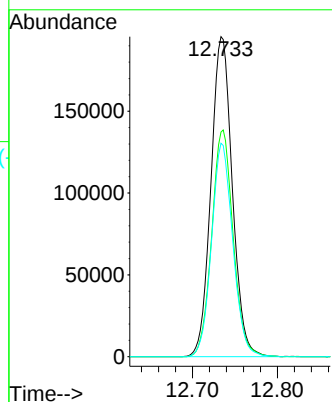
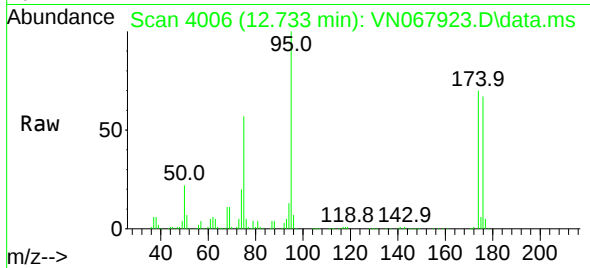




#62
4-Bromofluorobenzene
Concen: 50.774 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

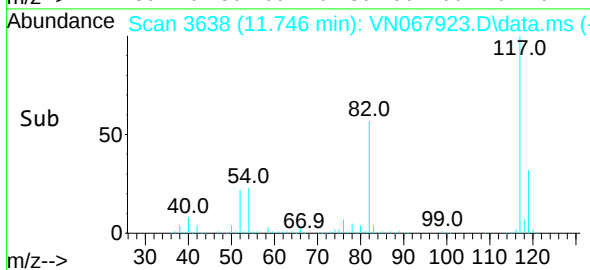
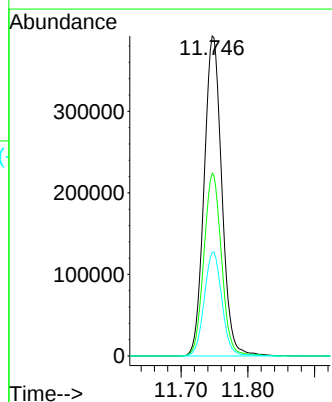
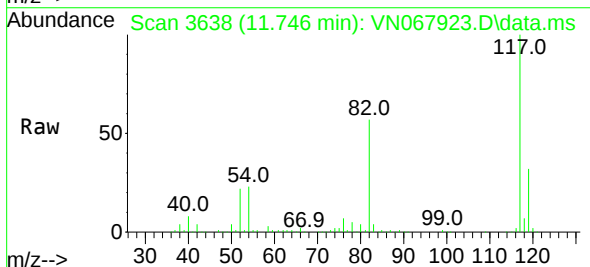
Instrument :
MSVOA_N
ClientSampleId :

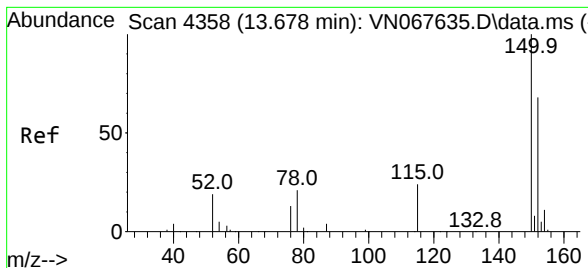
Tgt Ion: 95 Resp: 341402
Ion Ratio Lower Upper
95 100
174 71.1 0.0 122.0
176 66.4 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion: 117 Resp: 721712
Ion Ratio Lower Upper
117 100
82 57.1 53.1 79.7
119 32.3 25.5 38.3

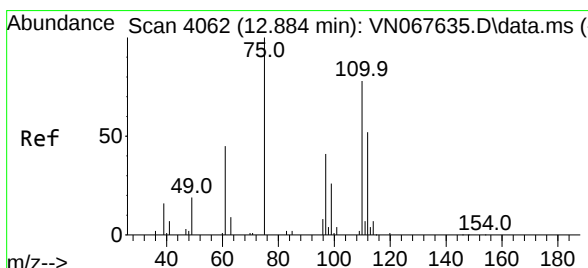
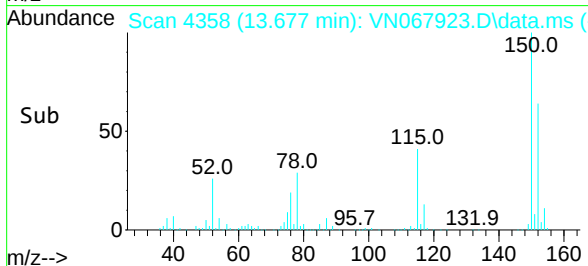
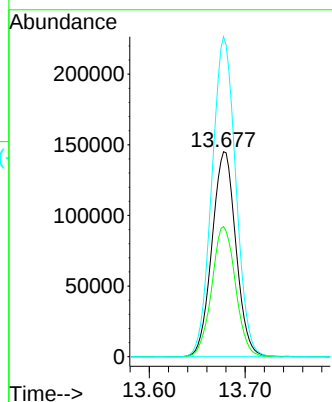
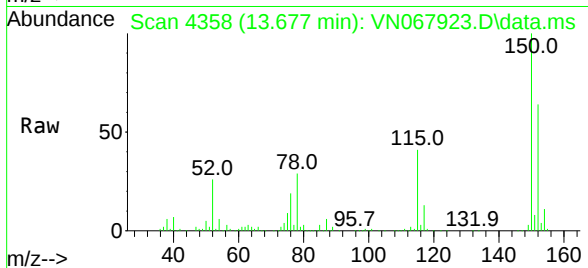




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

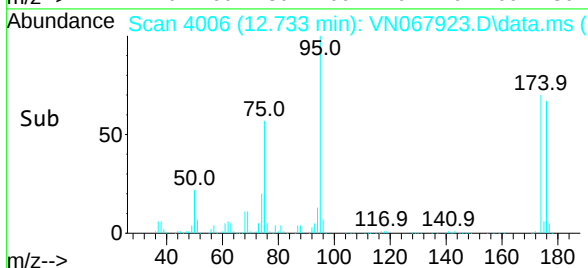
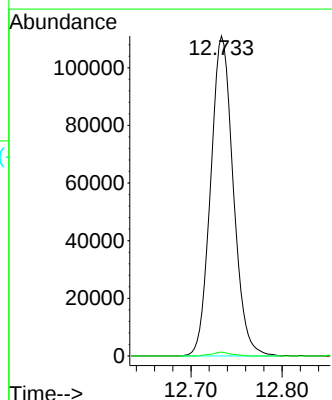
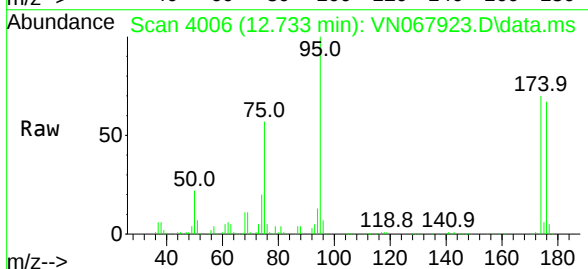
Instrument :
MSVOA_N
ClientSampleId :

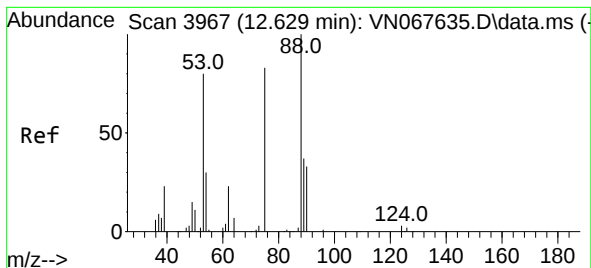
Tgt Ion:152 Resp: 251497
Ion Ratio Lower Upper
152 100
115 63.1 36.1 108.5
150 156.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 37.230 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion: 75 Resp: 191214
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

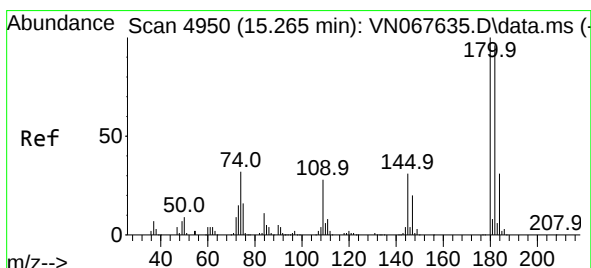
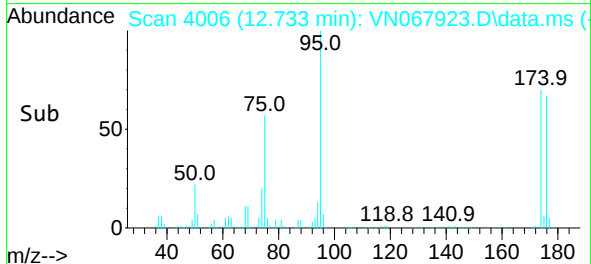
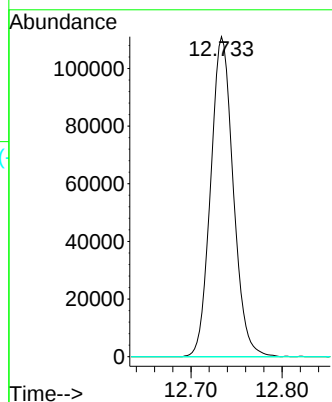
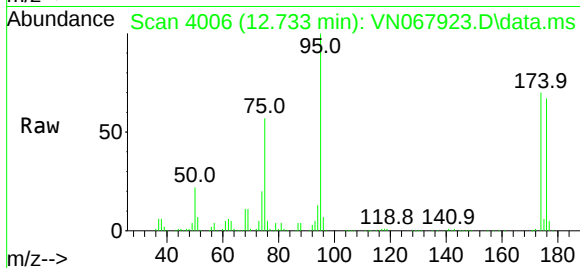




#81
trans-1,4-Dichloro-2-butene
Concen: 120.033 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

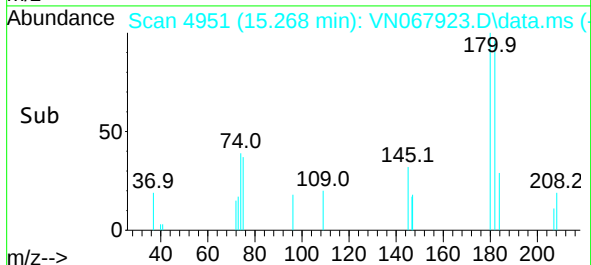
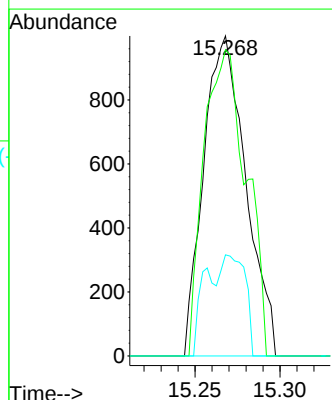
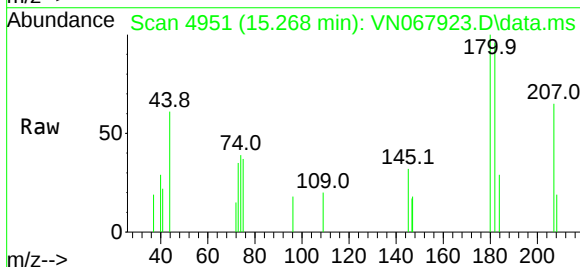
Instrument :
MSVOA_N
ClientSampled :

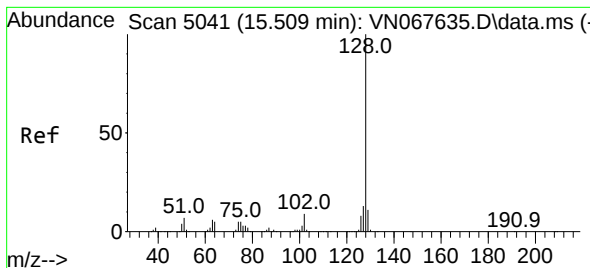
Tgt Ion: 75 Resp: 191214
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.064 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion:180 Resp: 1723
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 18.4 17.2 51.6

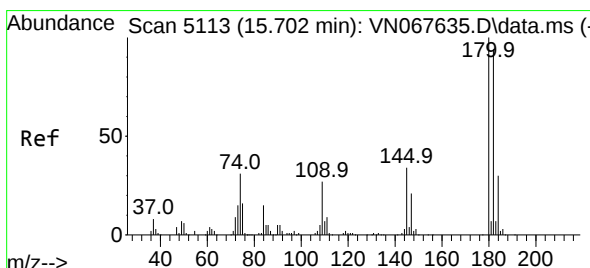
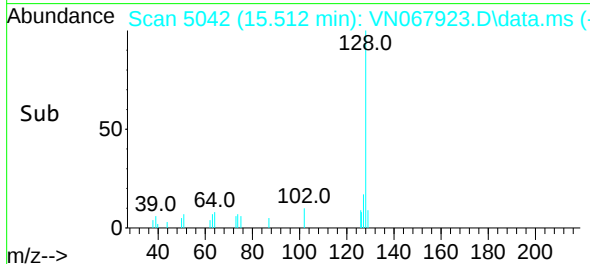
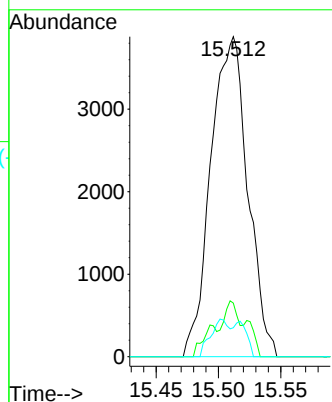
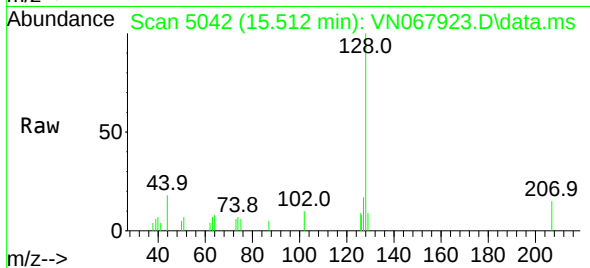




#95
Naphthalene
Concen: 3.623 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 7997
Ion Ratio Lower Upper
128 100
127 3.9 10.6 15.8#
129 5.8 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 3.104 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN067923.D
Acq: 27 Jul 2021 12:47

Tgt Ion:180 Resp: 1998
Ion Ratio Lower Upper
180 100
182 79.3 47.8 143.3
145 24.1 18.2 54.6

