

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
 Data File : VN067077.D
 Acq On : 10 May 2021 17:19
 Operator : JC/MD
 Sample : M2295-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 11 01:48:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

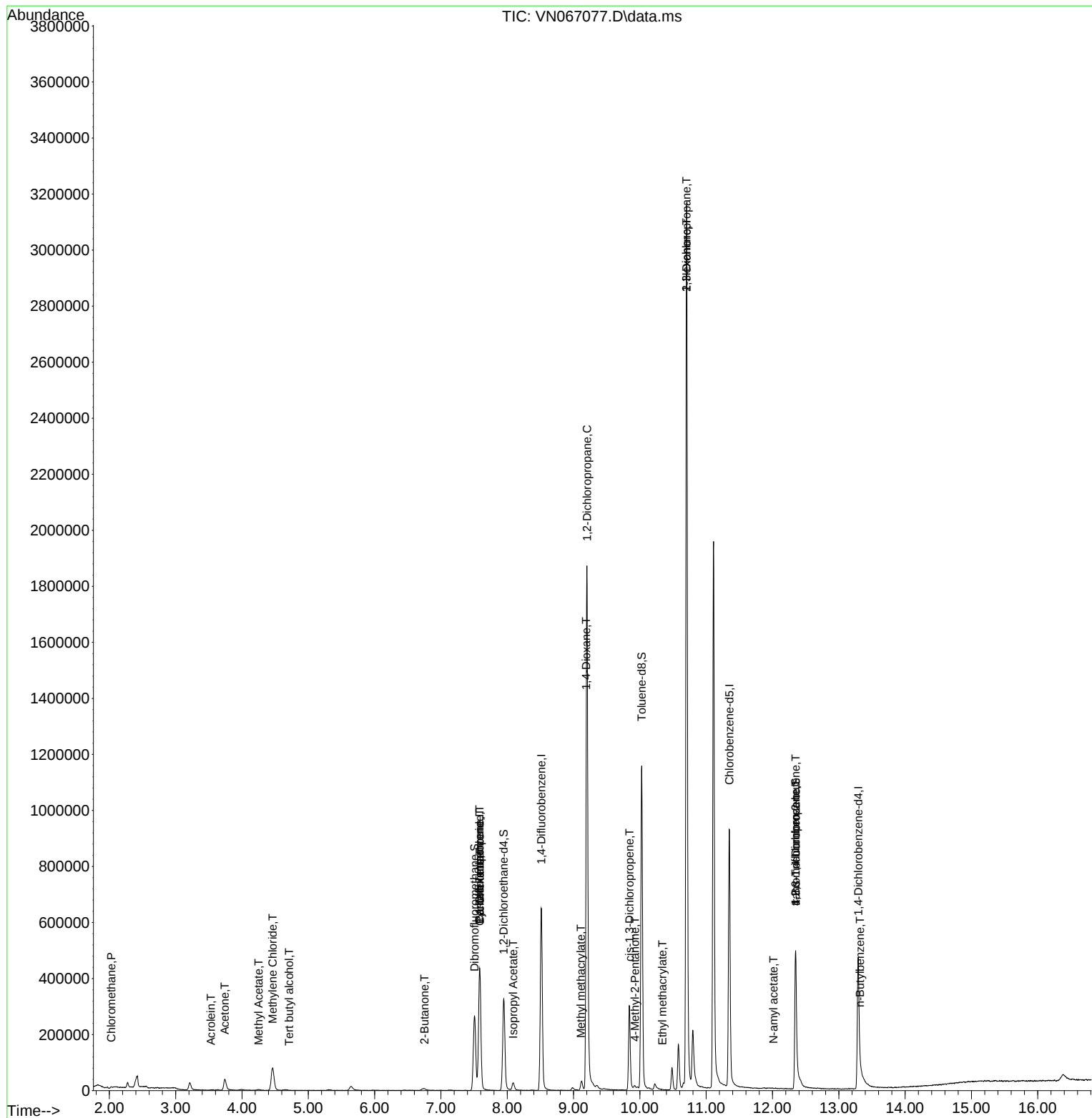
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.584	168	339389	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.515	114	571688	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	535106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	183420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	298731	55.92	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.84%
35) Dibromofluoromethane	7.506	113	212058	54.62	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.24%
50) Toluene-d8	10.027	98	790519	53.47	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.94%
62) 4-Bromofluorobenzene	12.347	95	229883	45.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.84%
Target Compounds						
						Qvalue
3) Chloromethane	2.027	50	3284	0.50	ug/l	# 86
11) Tert butyl alcohol	4.709	59	177	0.23	ug/l	# 73
13) Acrolein	3.532	56	452	0.72	ug/l	# 1
16) Acetone	3.741	43	66887	35.59	ug/l	94
18) Methyl Acetate	4.250	43	5473	1.02	ug/l	# 69
20) Methylene Chloride	4.462	84	60595	12.71	ug/l	95
25) 2-Butanone	6.753	43	4457	1.61	ug/l	# 79
31) Cyclohexane	7.587	56	8314	1.11	ug/l	# 19
36) 1,1-Dichloropropene	7.584	75	30611	5.14	ug/l	# 49
38) Carbon Tetrachloride	7.584	117	36421	5.87	ug/l	# 17
43) Isopropyl Acetate	8.088	43	34452	3.50	ug/l	# 79
45) 1,2-Dichloropropane	9.204	63	2343	0.45	ug/l	# 44
48) Methyl methacrylate	9.113	41	7373	1.69	ug/l	# 10
49) 1,4-Dioxane	9.191	88	297	4.29	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.926	43	10806	1.90	ug/l	# 75
54) cis-1,3-Dichloropropene	9.842	75	57174	7.29	ug/l	# 65
56) Ethyl methacrylate	10.341	69	218	5.22	ug/l	# 27
57) 1,3-Dichloropropane	10.703	76	32663	4.23	ug/l	# 43
59) 2-Hexanone	10.703	43	454082	125.11	ug/l	# 51
74) N-amyl acetate	12.015	43	515	0.20	ug/l	# 42
76) 1,2,3-Trichloropropane	12.347	75	116460	26.65	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.347	75	116460	79.84	ug/l	# 12
89) n-Butylbenzene	13.318	91	79	5.25	ug/l	# 34

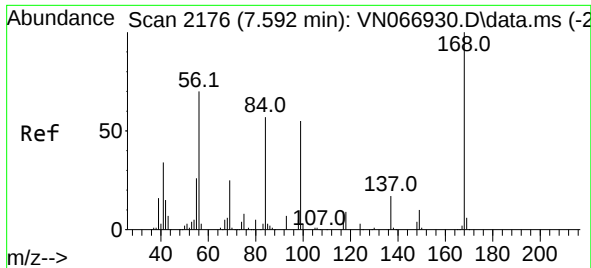
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

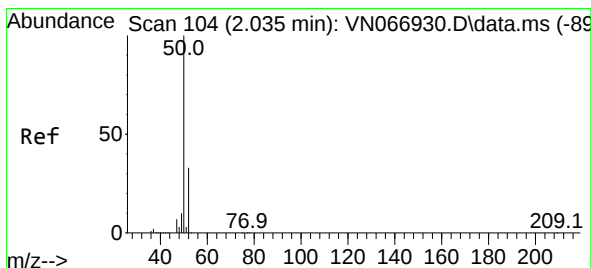
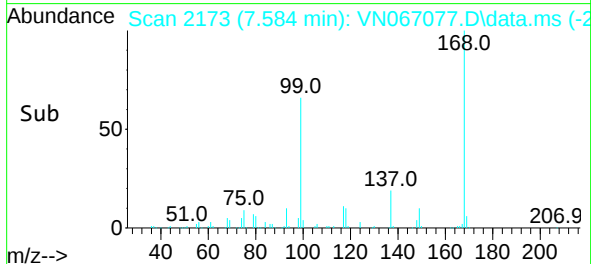
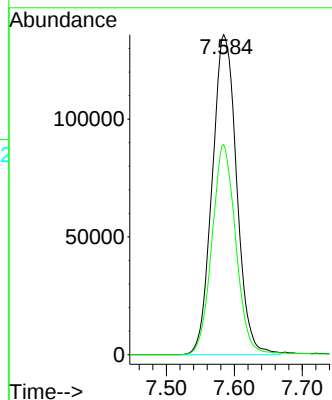
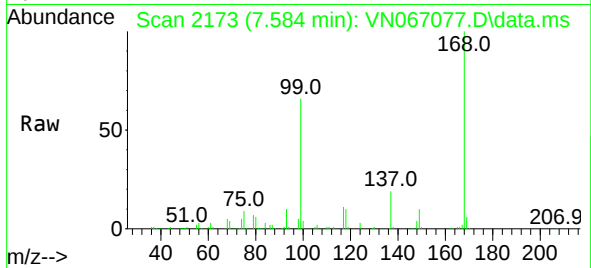




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.008 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

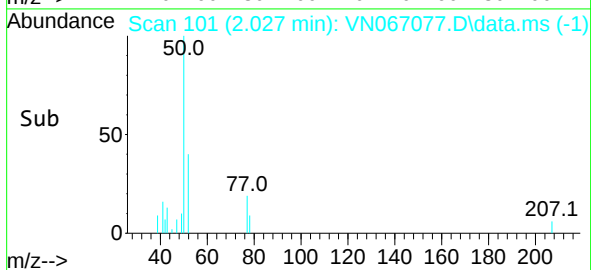
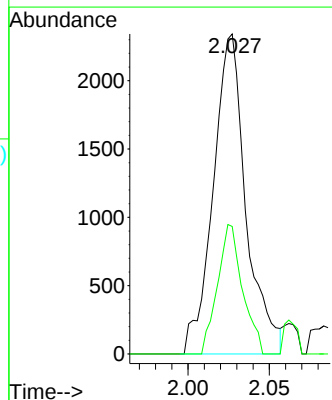
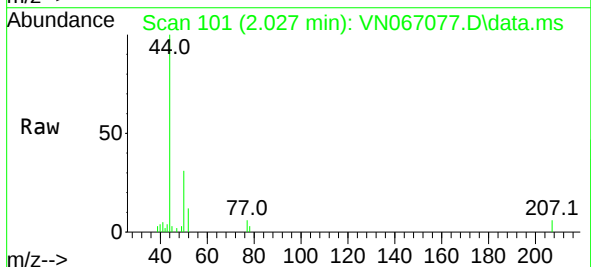
Instrument :
MSVOA_N
ClientSampled :

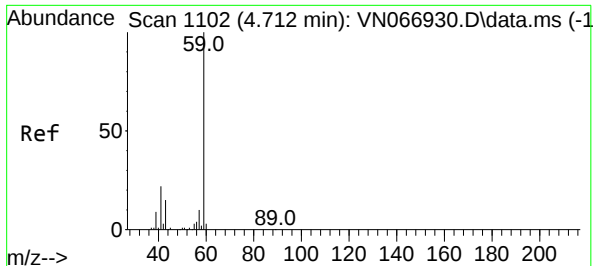
Tgt Ion:168 Resp: 339389
Ion Ratio Lower Upper
168 100
99 65.7 42.6 63.8#



#3
Chloromethane
Concen: 0.50 ug/l
RT: 2.027 min Scan# 101
Delta R.T. -0.008 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

Tgt Ion: 50 Resp: 3284
Ion Ratio Lower Upper
50 100
52 39.9 25.8 38.8#



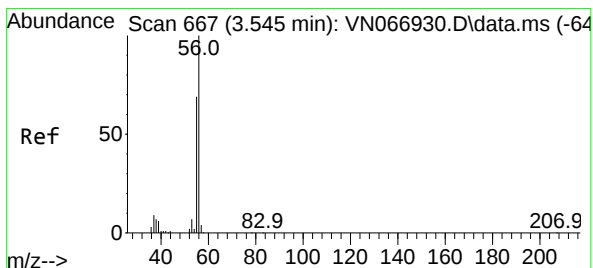
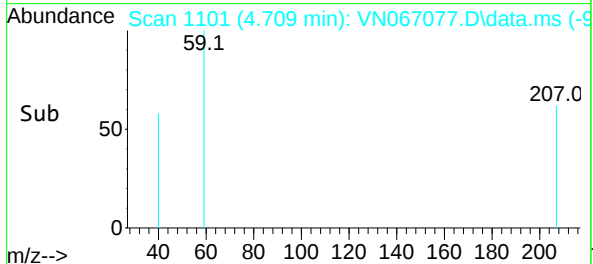
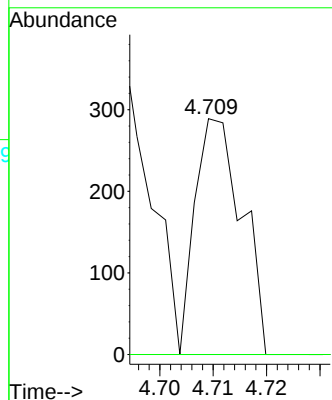
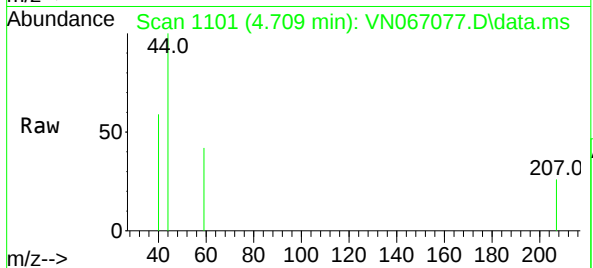


#11

Tert butyl alcohol
Concen: 0.23 ug/l
RT: 4.709 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

Instrument :
MSVOA_N
ClientSampled :

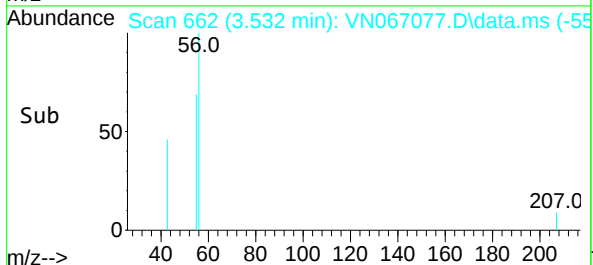
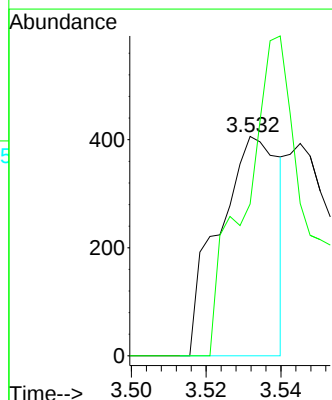
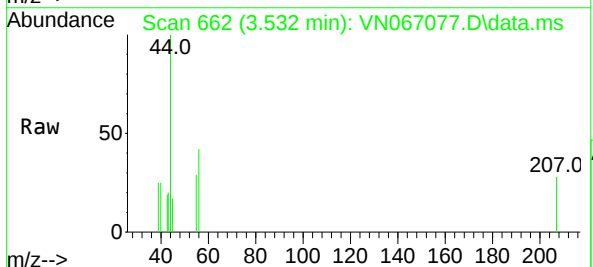
Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

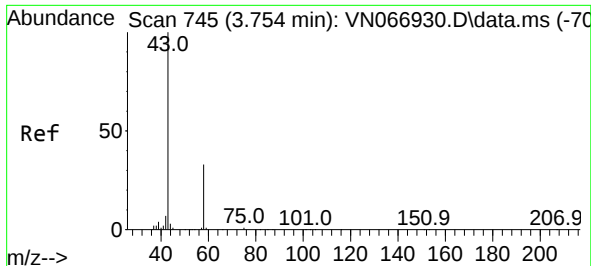


#13

Acrolein
Concen: 0.72 ug/l
RT: 3.532 min Scan# 662
Delta R.T. -0.013 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

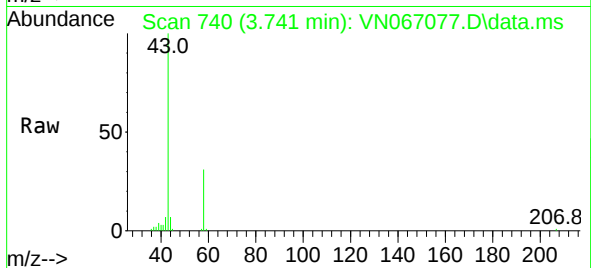
Tgt Ion: 56 Resp: 452
Ion Ratio Lower Upper
56 100
55 154.2 56.0 84.0#



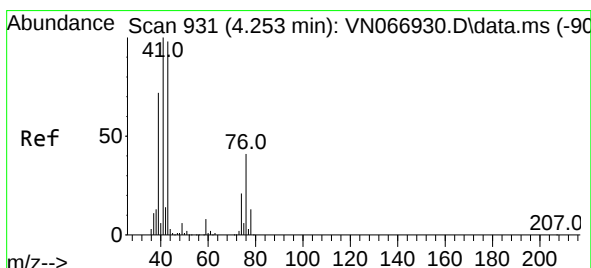
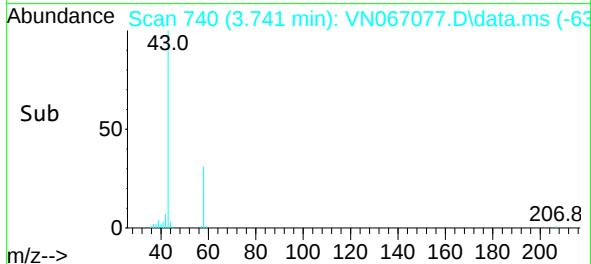
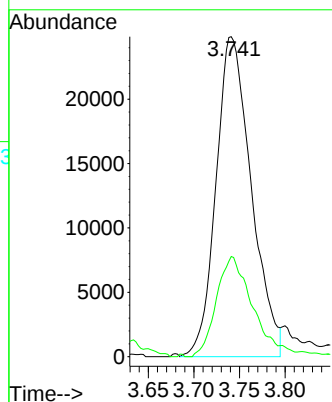


#16
Acetone
Concen: 35.59 ug/l
RT: 3.741 min Scan# 740
Delta R.T. -0.013 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

Instrument :
MSVOA_N
ClientSampled :

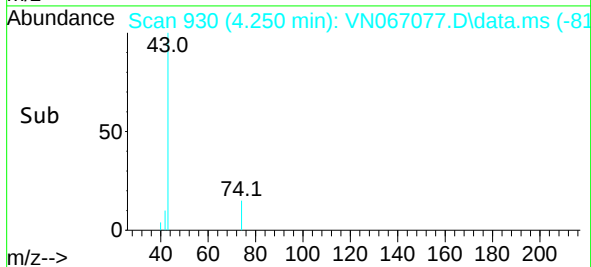
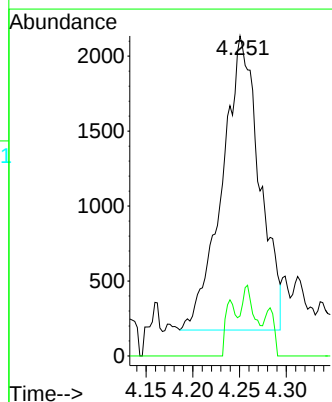
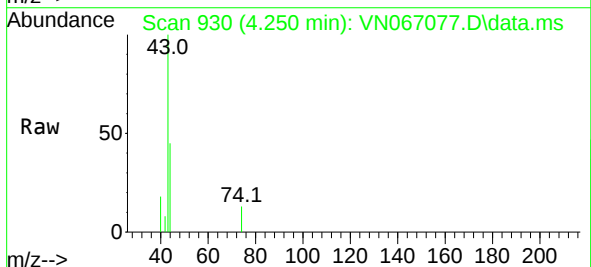


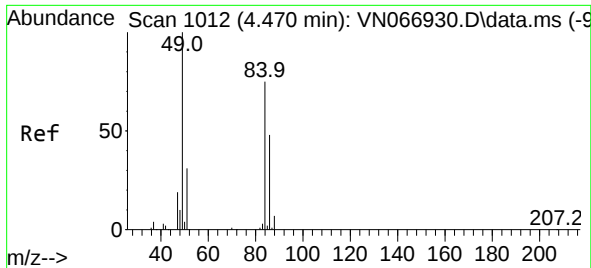
Tgt Ion: 43 Resp: 66887
Ion Ratio Lower Upper
43 100
58 30.5 27.0 40.6



#18
Methyl Acetate
Concen: 1.02 ug/l
RT: 4.250 min Scan# 930
Delta R.T. -0.003 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

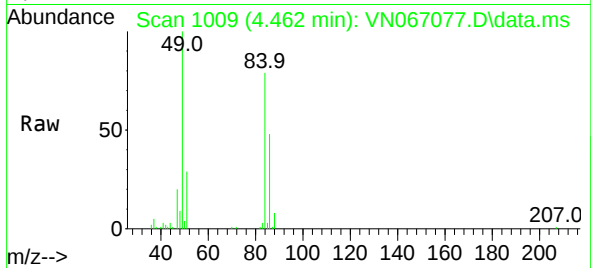
Tgt Ion: 43 Resp: 5473
Ion Ratio Lower Upper
43 100
74 9.1 19.5 29.3#



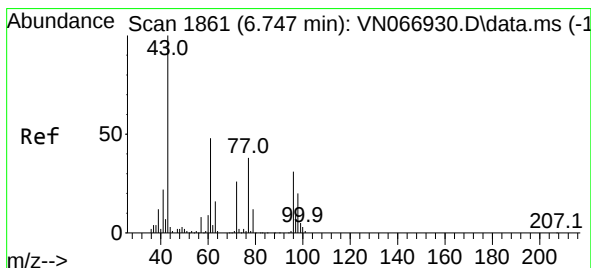
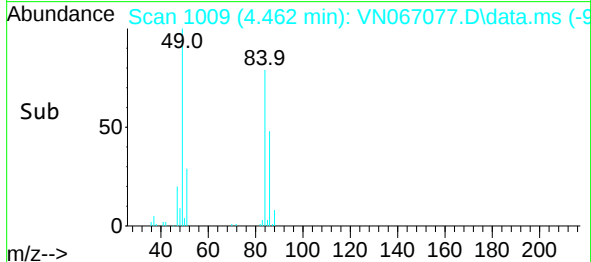
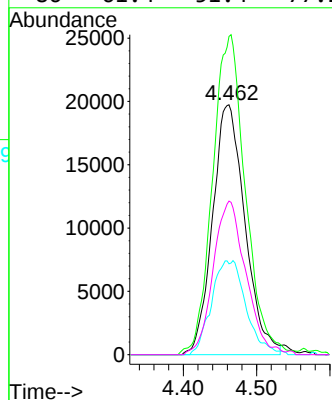


#20
Methylene Chloride
Concen: 12.71 ug/l
RT: 4.462 min Scan# 1009
Delta R.T. -0.008 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

Instrument :
MSVOA_N
ClientSampleId :

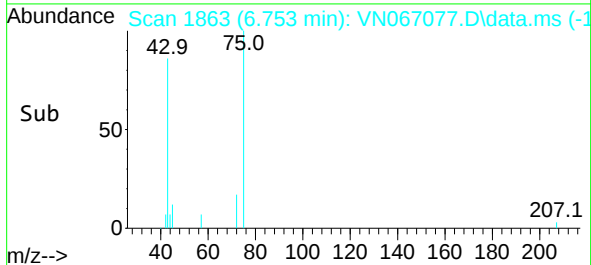
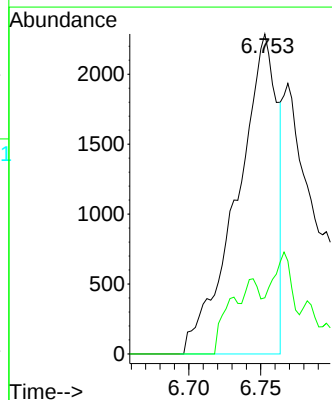
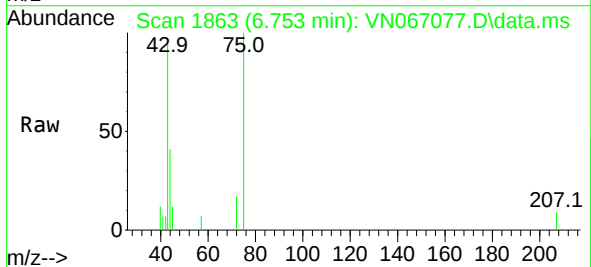


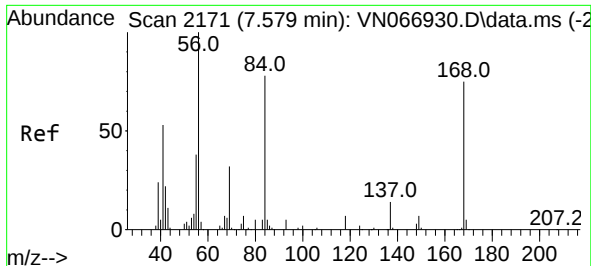
Tgt Ion:	84	Resp:	60595
Ion	Ratio	Lower	Upper
84	100		
49	126.4	94.6	141.8
51	36.3	29.9	44.9
86	61.4	51.4	77.2



#25
2-Butanone
Concen: 1.61 ug/l
RT: 6.753 min Scan# 1863
Delta R.T. 0.006 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

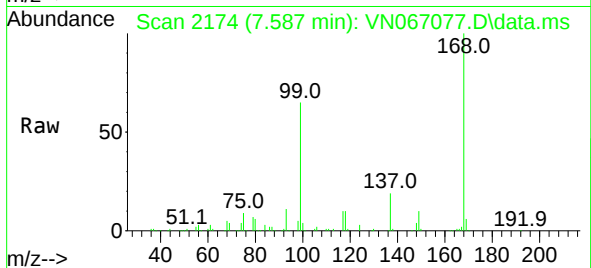
Tgt Ion:	43	Resp:	4457
Ion	Ratio	Lower	Upper
43	100		
72	17.5	23.1	34.7#



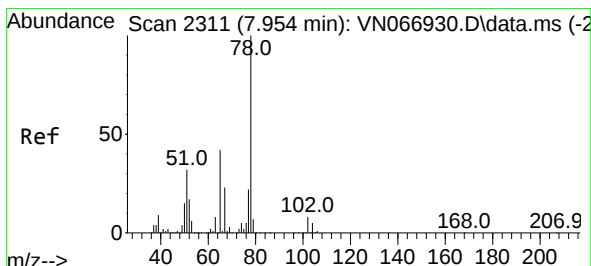
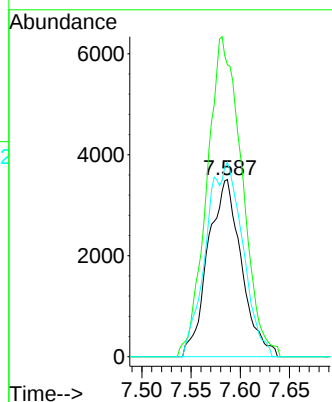
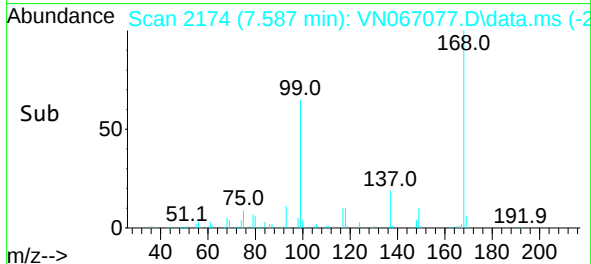


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.587 min Scan# 2174
Delta R.T. 0.008 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

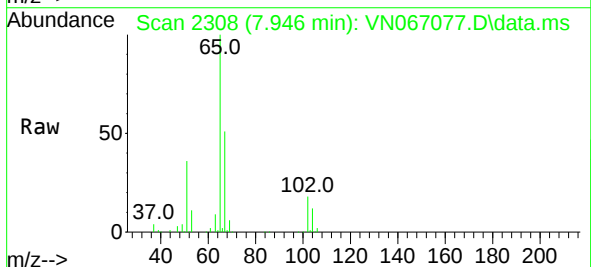
Instrument :
MSVOA_N
ClientSampled :



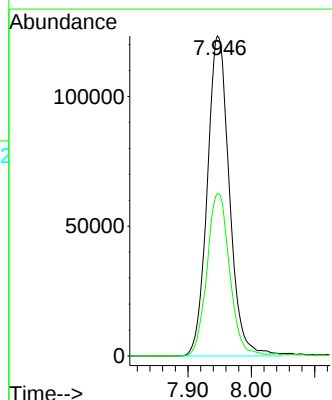
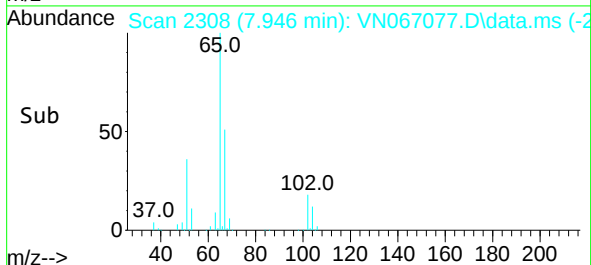
Tgt Ion: 56 Resp: 8314
Ion Ratio Lower Upper
56 100
69 164.9 26.6 39.8#
84 109.8 70.4 105.6#

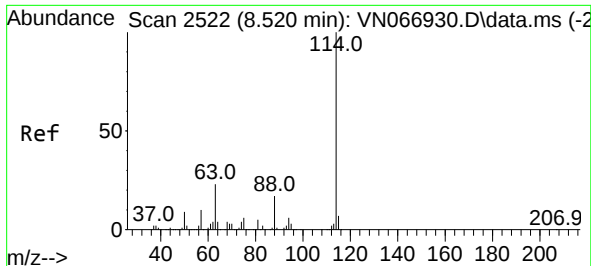


#33
1,2-Dichloroethane-d4
Concen: 55.92 ug/l
RT: 7.946 min Scan# 2308
Delta R.T. -0.008 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19



Tgt Ion: 65 Resp: 298731
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.2

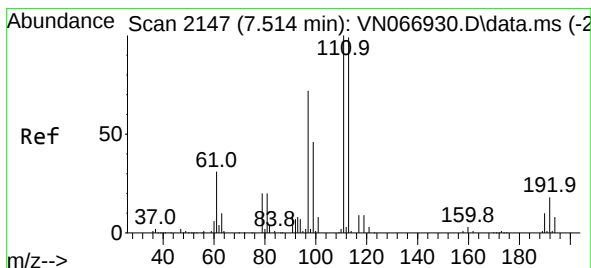
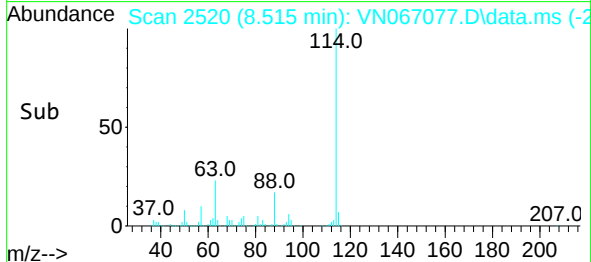
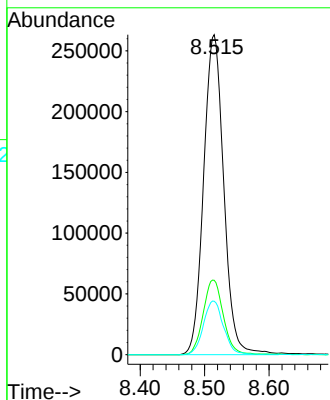
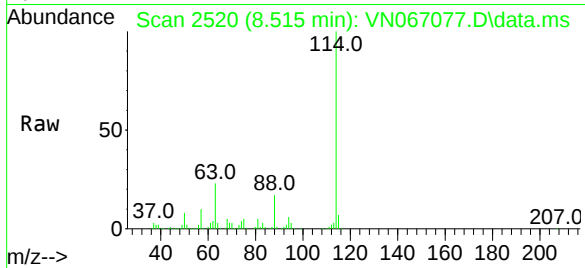




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2520
Delta R.T. -0.005 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

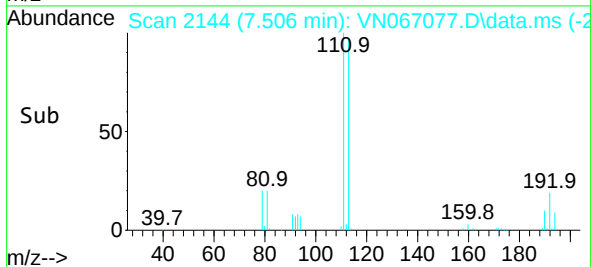
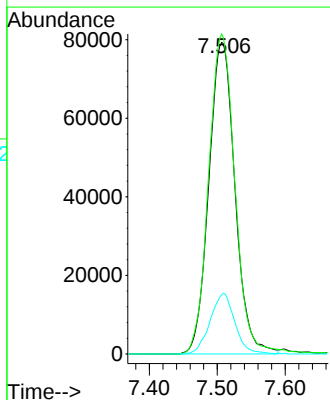
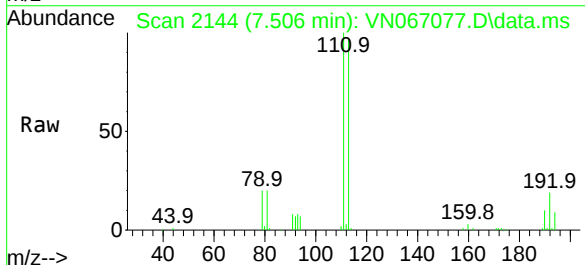
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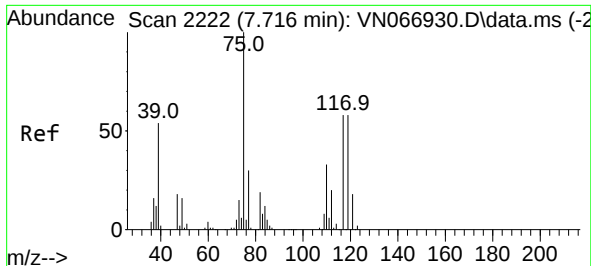
Tgt Ion:114 Resp: 571688
Ion Ratio Lower Upper
114 100
63 23.2 0.0 38.6
88 16.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.62 ug/l
RT: 7.506 min Scan# 2144
Delta R.T. -0.008 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

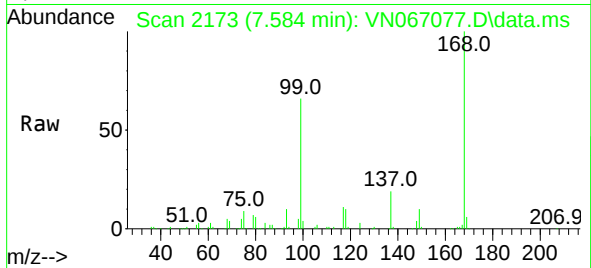
Tgt Ion:113 Resp: 212058
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.4 15.4 23.0



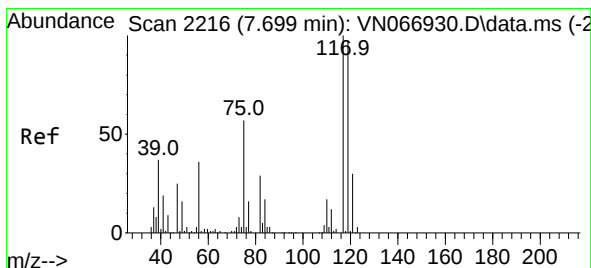
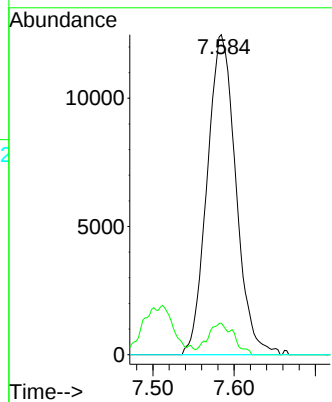
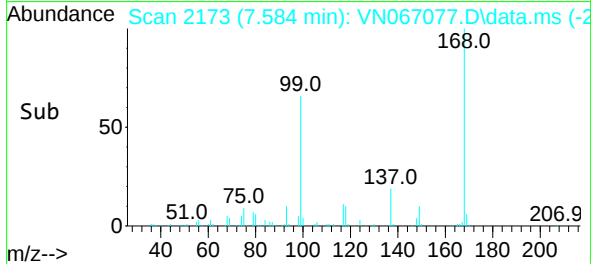


#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.132 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

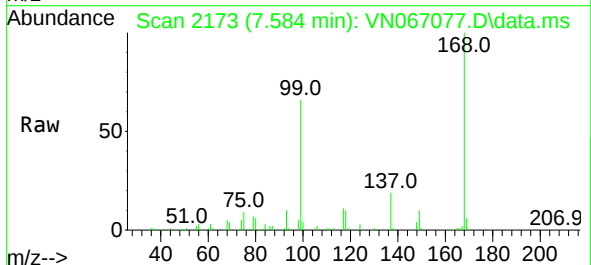
Instrument :
MSVOA_N
ClientSampled :



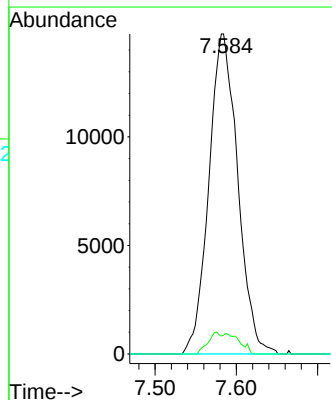
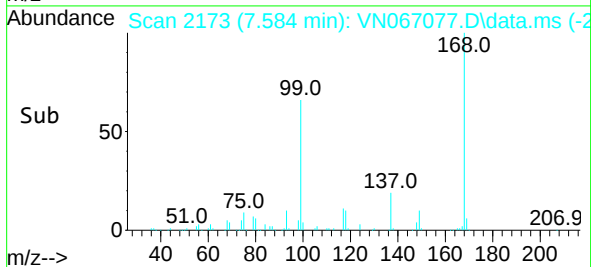
Tgt Ion: 75 Resp: 30611
Ion Ratio Lower Upper
75 100
110 8.9 18.2 54.6#
77 0.0 24.9 37.3#

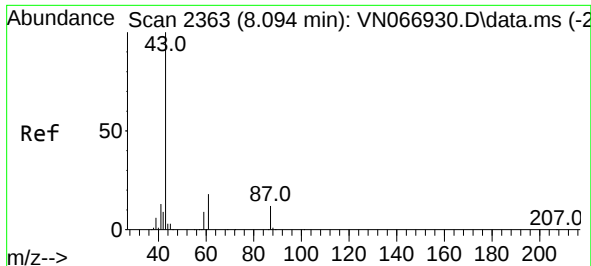


#38
Carbon Tetrachloride
Concen: 5.87 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.115 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19



Tgt Ion: 117 Resp: 36421
Ion Ratio Lower Upper
117 100
119 5.9 76.0 114.0#
121 0.0 24.5 36.7#

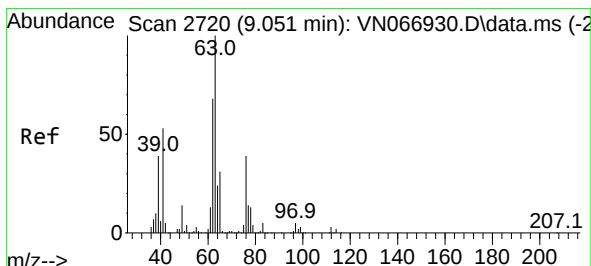
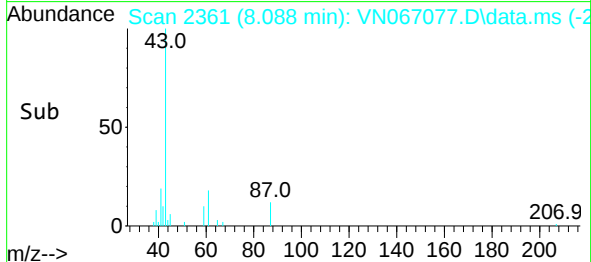
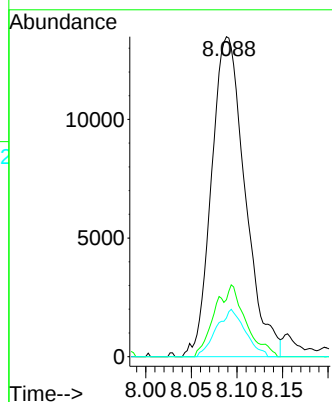
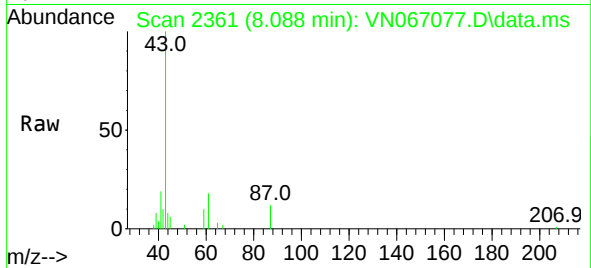




#43
Isopropyl Acetate
Concen: 3.50 ug/l
RT: 8.088 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

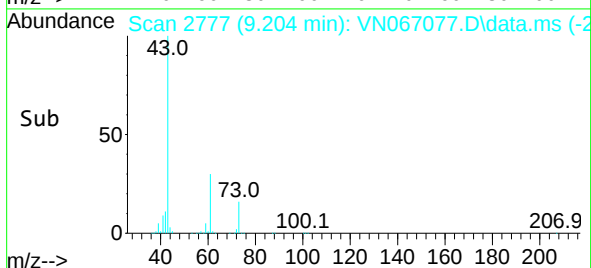
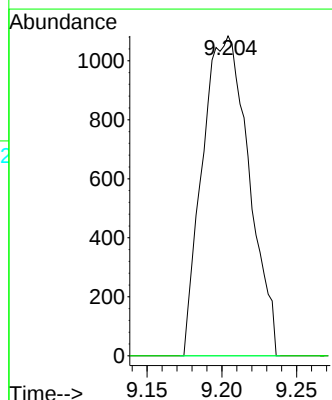
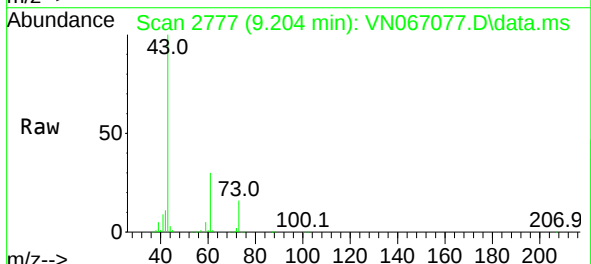
Instrument :
MSVOA_N
ClientSampled :

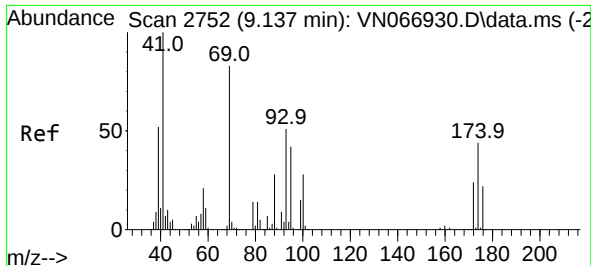
Tgt Ion: 43 Resp: 34452
Ion Ratio Lower Upper
43 100
61 12.0 22.5 33.7#
87 12.7 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.45 ug/l
RT: 9.204 min Scan# 2777
Delta R.T. 0.153 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

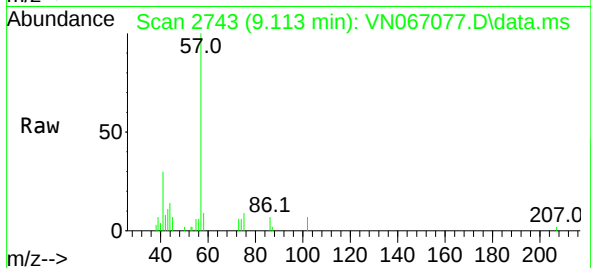
Tgt Ion: 63 Resp: 2343
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#



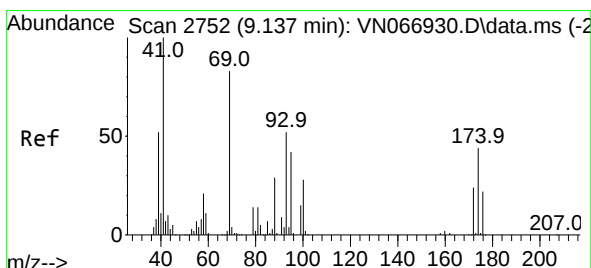
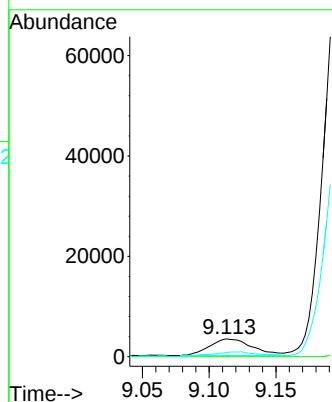
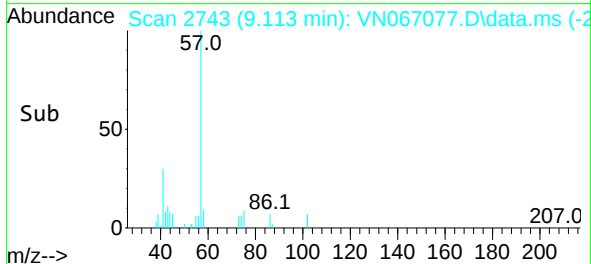


#48
Methyl methacrylate
Concen: 1.69 ug/l
RT: 9.113 min Scan# 2743
Delta R.T. -0.024 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

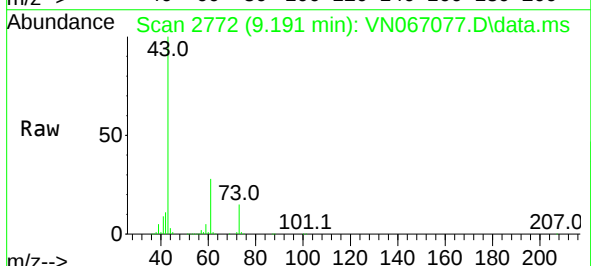
Instrument :
MSVOA_N
ClientSampleId :



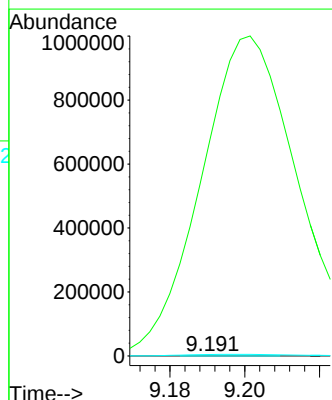
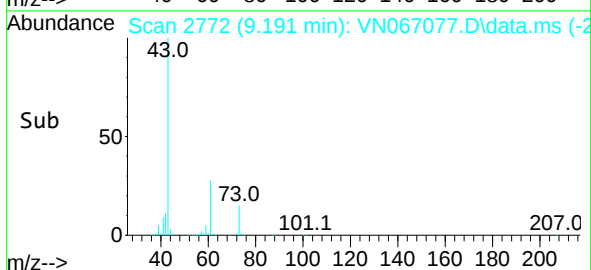
Tgt Ion: 41 Resp: 7373
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#

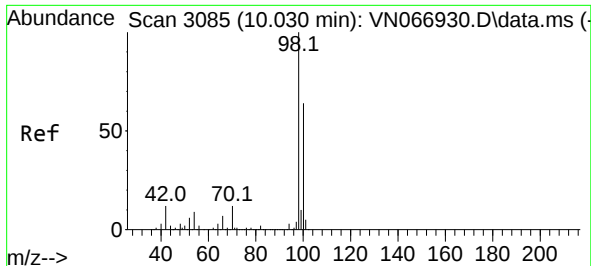


#49
1,4-Dioxane
Concen: 4.29 ug/l
RT: 9.191 min Scan# 2772
Delta R.T. 0.054 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19



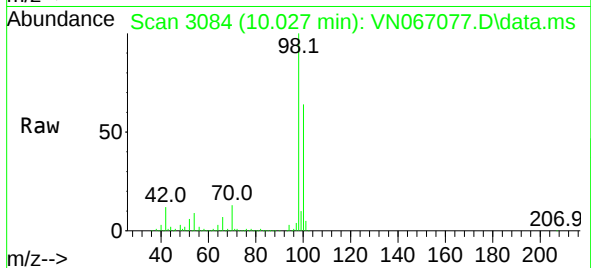
Tgt Ion: 88 Resp: 297
Ion Ratio Lower Upper
88 100
43 647238.7 24.7 37.1#
58 3575.1 52.6 78.8#



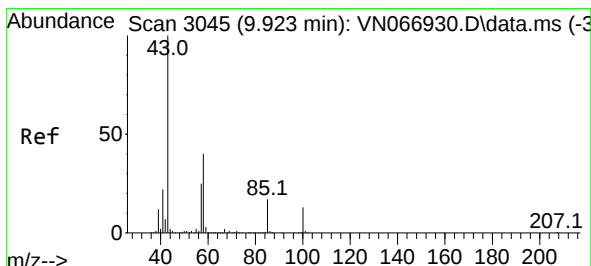
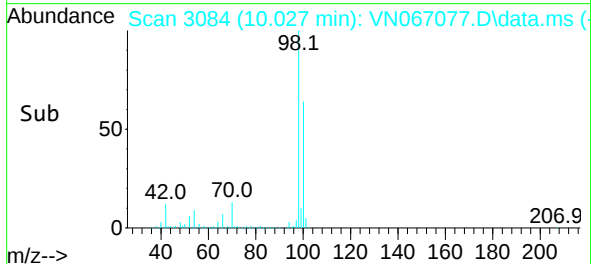
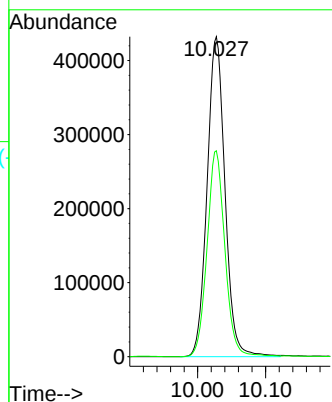


#50
Toluene-d8
Concen: 53.47 ug/l
RT: 10.027 min Scan# 3084
Delta R.T. -0.003 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

Instrument :
MSVOA_N
ClientSampled :

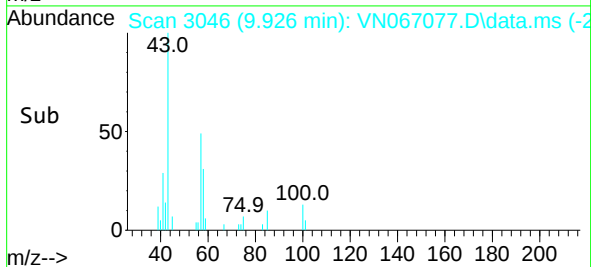
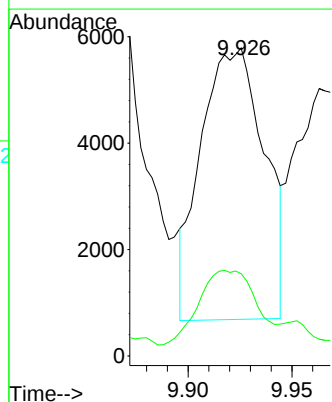
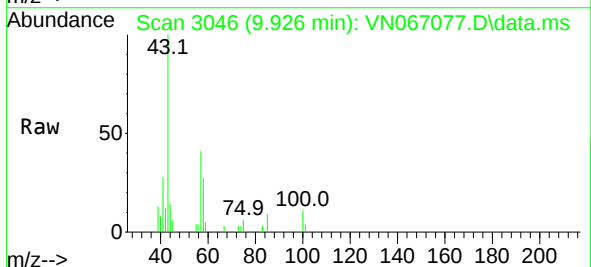


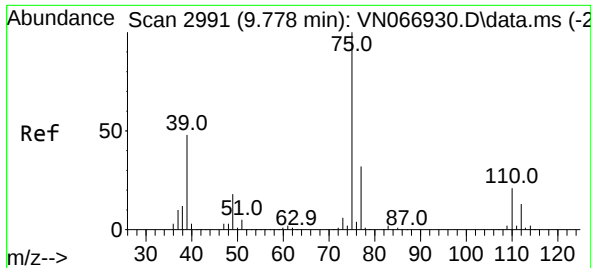
Tgt Ion: 98 Resp: 790519
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.90 ug/l
RT: 9.926 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

Tgt Ion: 43 Resp: 10806
Ion Ratio Lower Upper
43 100
58 25.1 32.5 48.7#

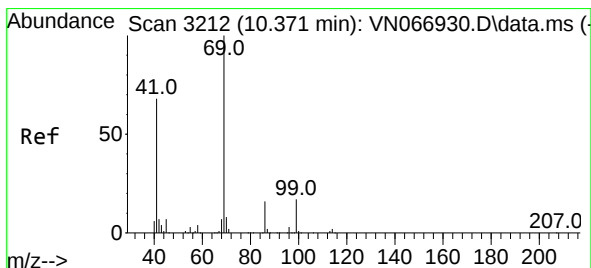
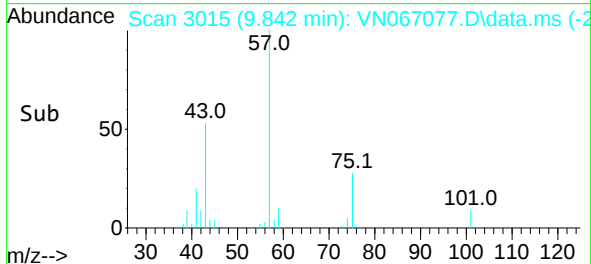
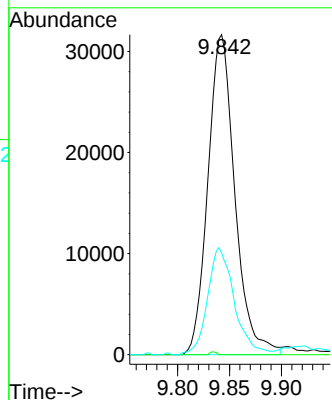
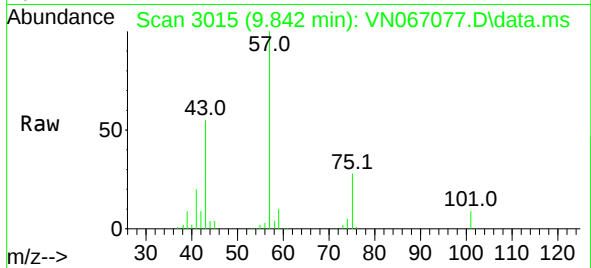




#54
cis-1,3-Dichloropropene
Concen: 7.29 ug/l
RT: 9.842 min Scan# 3015
Delta R.T. 0.064 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

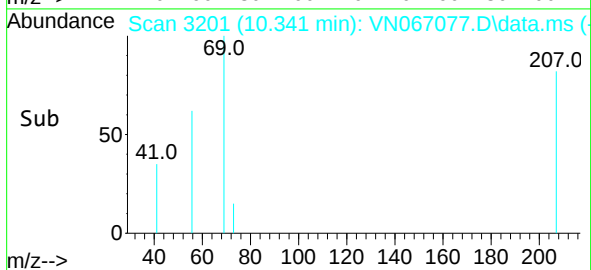
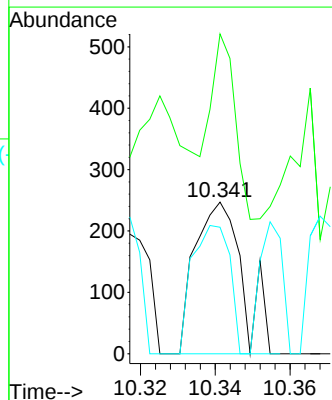
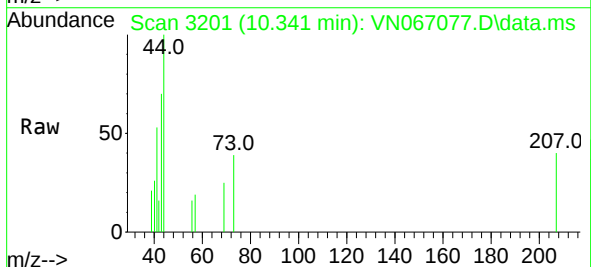
Instrument :
MSVOA_N
ClientSampled :

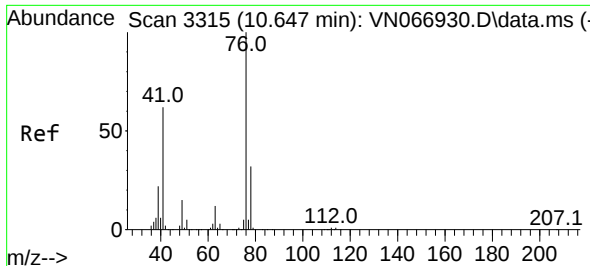
Tgt Ion: 75 Resp: 57174
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 31.8 36.2 54.4#



#56
Ethyl methacrylate
Concen: 5.22 ug/l
RT: 10.341 min Scan# 3201
Delta R.T. -0.030 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

Tgt Ion: 69 Resp: 218
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 0.0 28.0 42.0#

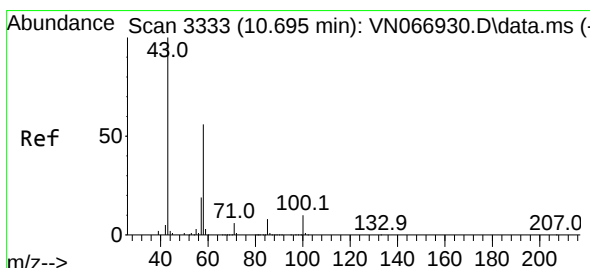
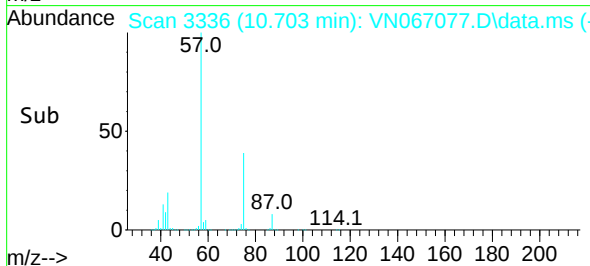
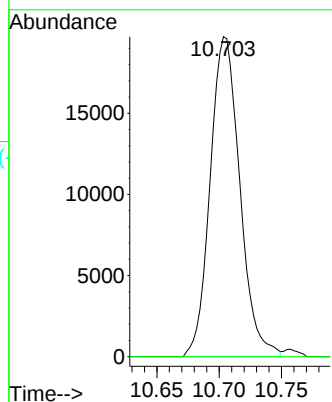
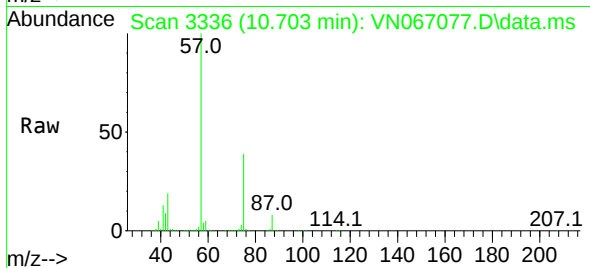




#57
1,3-Dichloropropane
Concen: 4.23 ug/l
RT: 10.703 min Scan# 3336
Delta R.T. 0.056 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

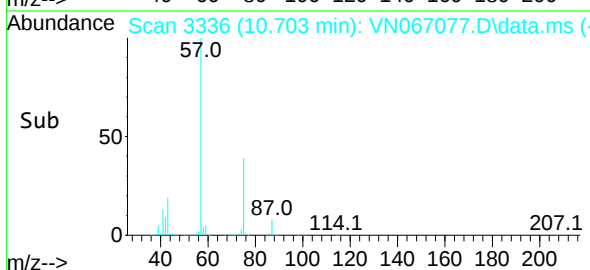
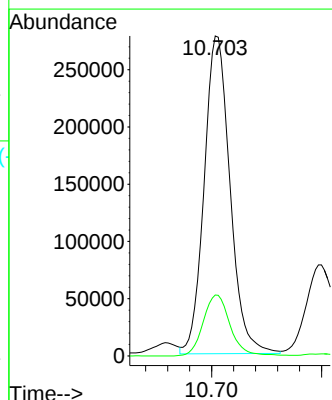
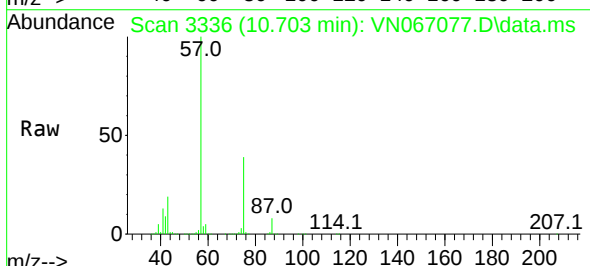
Instrument :
MSVOA_N
ClientSampled :

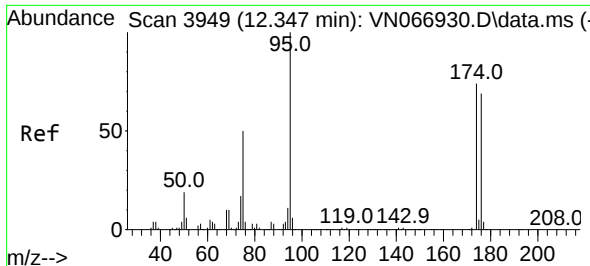
Tgt Ion: 76 Resp: 32663
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 125.11 ug/l
RT: 10.703 min Scan# 3336
Delta R.T. 0.008 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

Tgt Ion: 43 Resp: 454082
Ion Ratio Lower Upper
43 100
58 20.1 28.1 84.3#

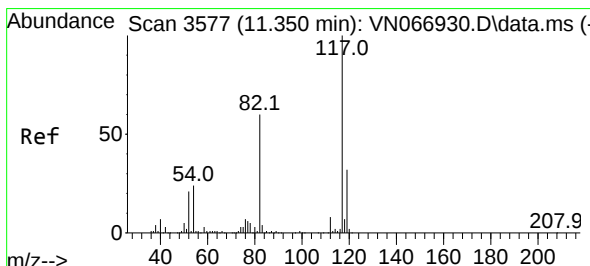
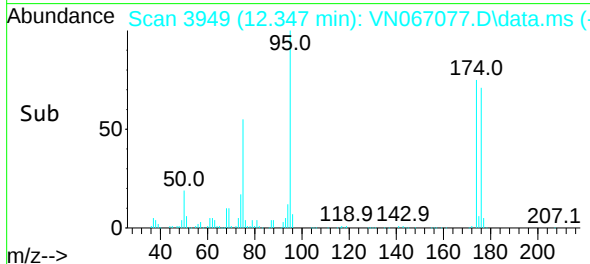
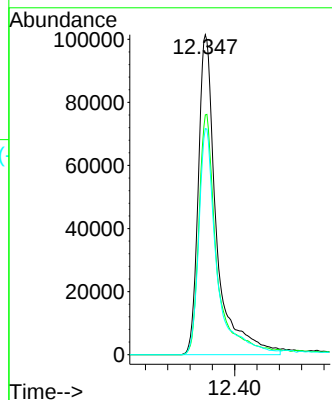
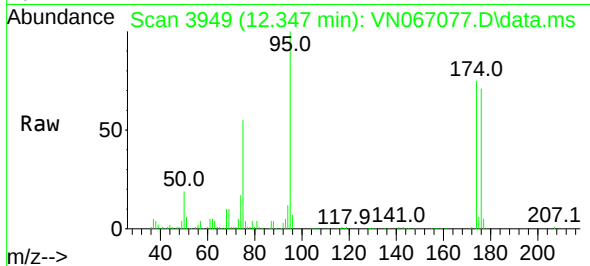




#62
4-Bromofluorobenzene
Concen: 45.92 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

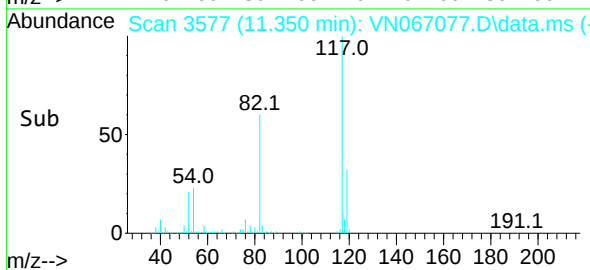
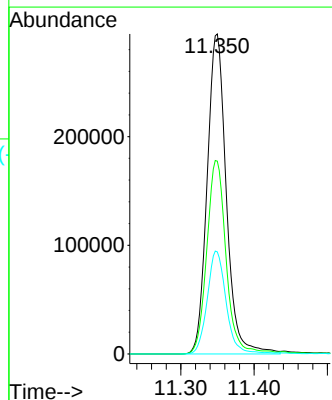
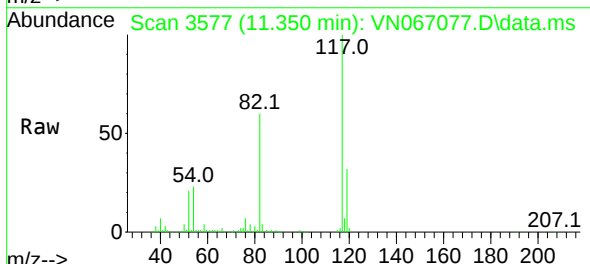
Instrument :
MSVOA_N
ClientSampled :

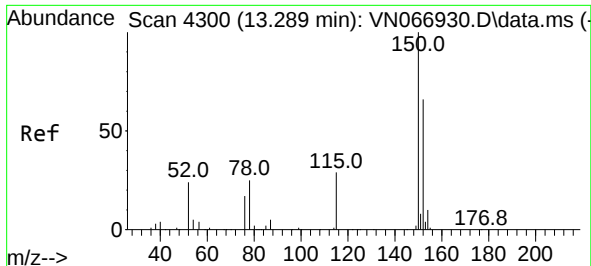
Tgt Ion: 95 Resp: 229883
Ion Ratio Lower Upper
95 100
174 73.7 0.0 169.0
176 70.0 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

Tgt Ion: 117 Resp: 535106
Ion Ratio Lower Upper
117 100
82 60.3 43.7 65.5
119 31.9 26.1 39.1

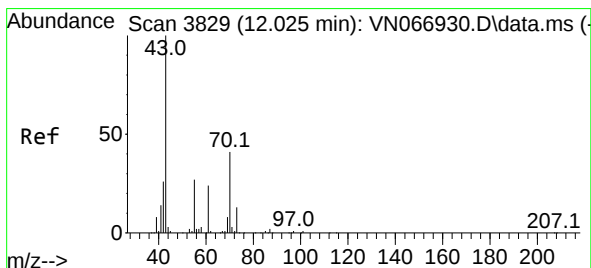
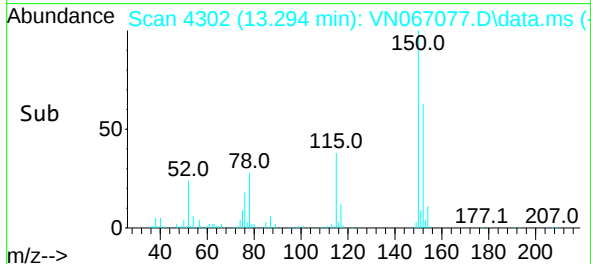
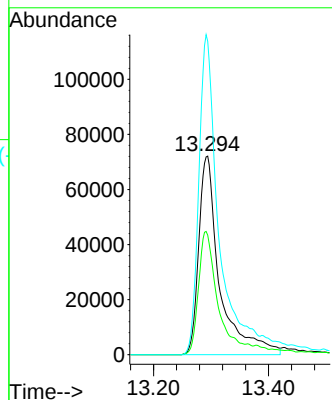
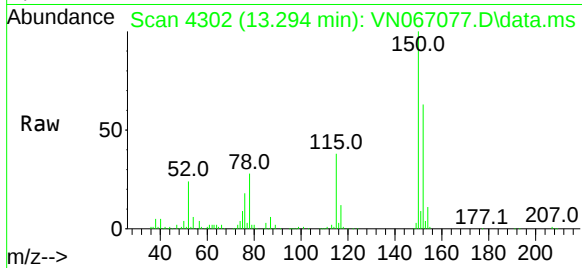




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

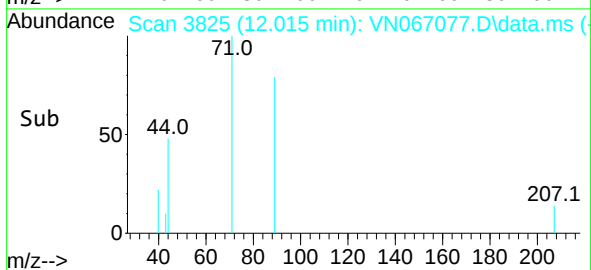
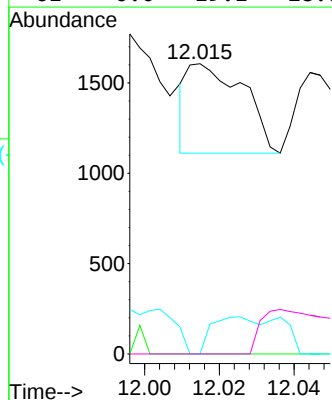
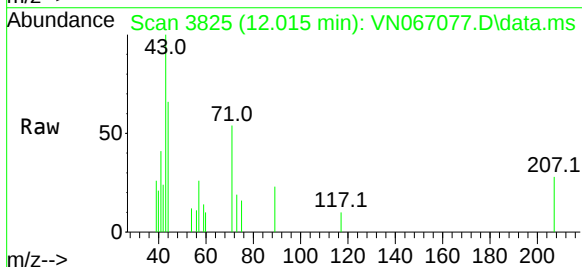
Instrument :
MSVOA_N
ClientSampled :

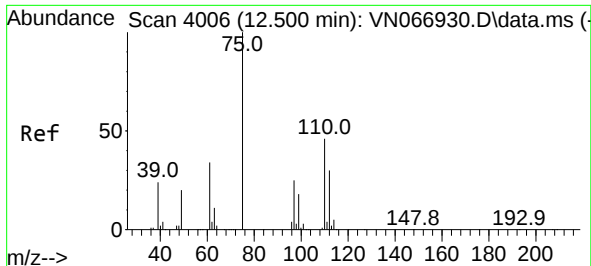
Tgt Ion:152 Resp: 183420
Ion Ratio Lower Upper
152 100
115 57.5 28.5 85.6
150 151.0 0.0 347.6



#74
N-ethyl acetate
Concen: 0.20 ug/l
RT: 12.015 min Scan# 3825
Delta R.T. -0.010 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 0.0 20.7 31.1#
61 0.0 19.1 28.7#

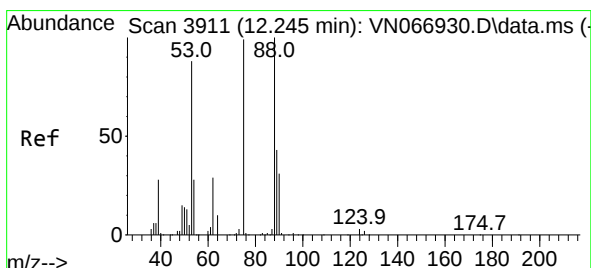
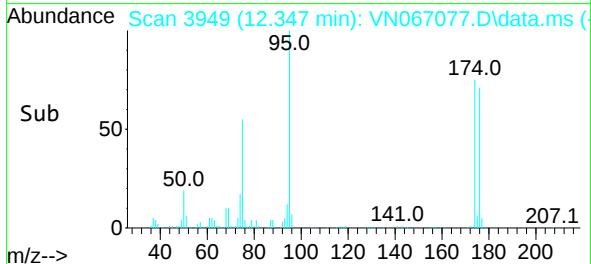
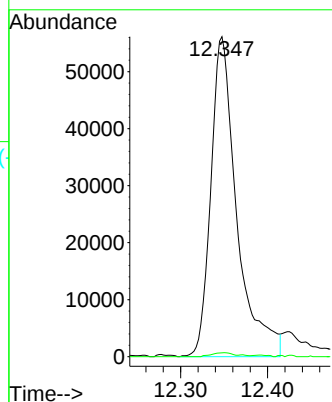
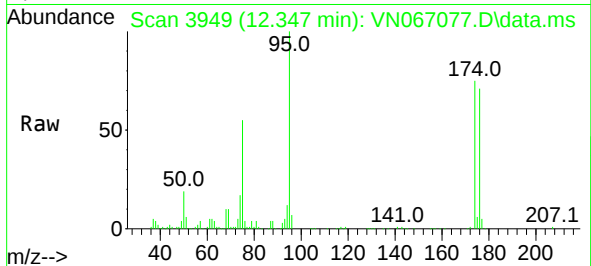




#76
1,2,3-Trichloropropane
Concen: 26.65 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. -0.153 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

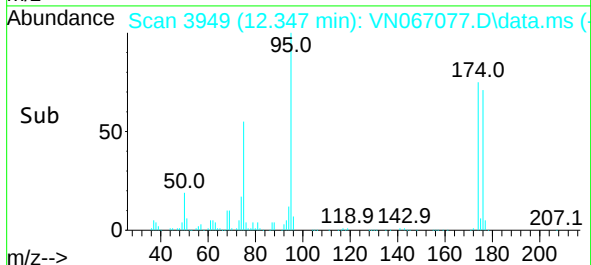
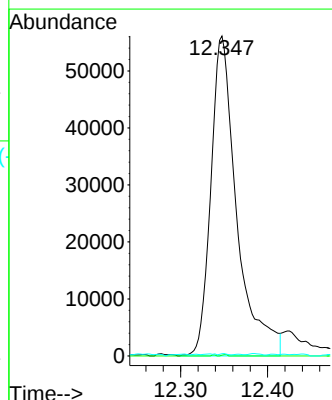
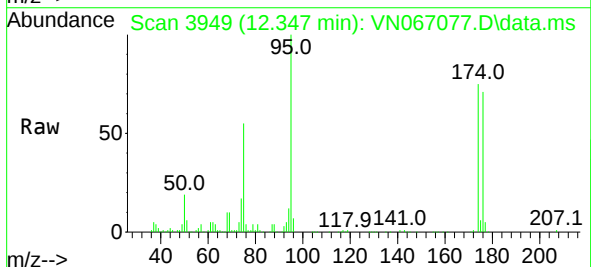
Instrument :
MSVOA_N
ClientSampleId :

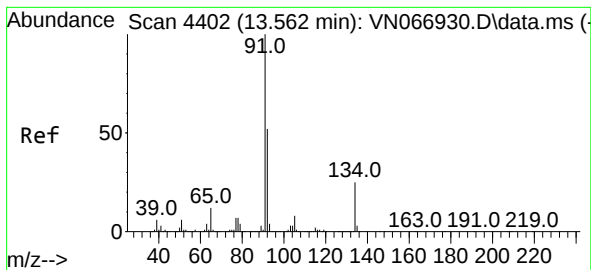
Tgt Ion: 75 Resp: 116460
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.84 ug/l
RT: 12.347 min Scan# 3949
Delta R.T. 0.102 min
Lab File: VN067077.D
Acq: 10 May 2021 17:19

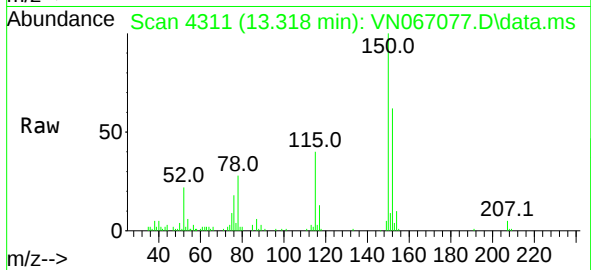
Tgt Ion: 75 Resp: 116460
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.2 35.8 53.8#





#89
 n-Butylbenzene
 Concen: 5.25 ug/l
 RT: 13.318 min Scan# 4311
 Delta R.T. -0.244 min
 Lab File: VN067077.D
 Acq: 10 May 2021 17:19

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 91 Resp: 79
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.1 78.3#
 134 0.0 13.0 38.9#

