

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050621\
 Data File : VN067016.D
 Acq On : 6 May 2021 17:36
 Operator : JC/MD
 Sample : M2322-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 04:09:33 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)

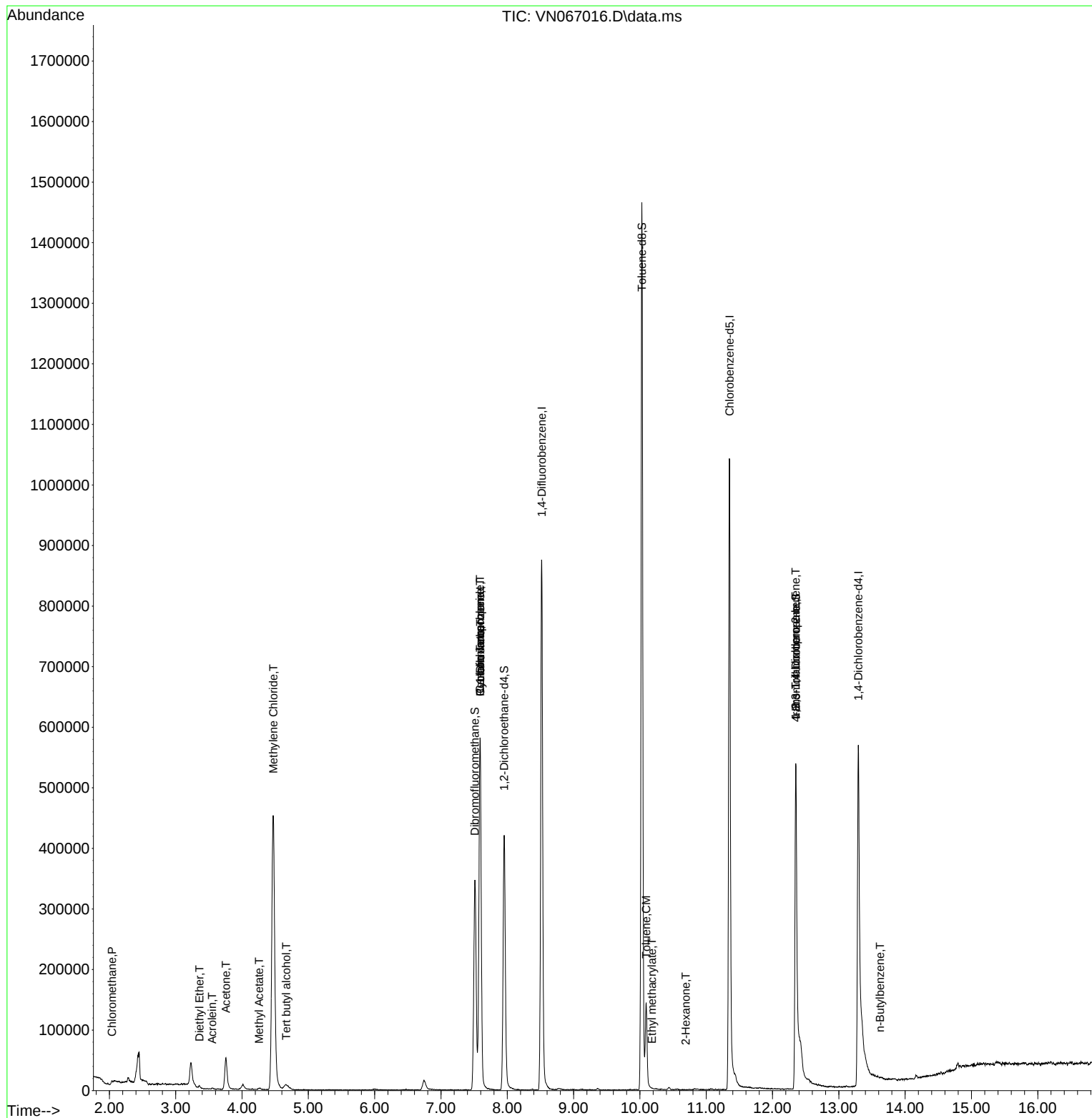
Internal Standards						
1) Pentafluorobenzene	7.592	168	445833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	755014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	637309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.294	152	252560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	378573	53.95	ug/l	0.00
Spiked Amount 50.000	Range 61	- 141	Recovery	=	107.90%	
35) Dibromofluoromethane	7.512	113	273177	53.28	ug/l	0.00
Spiked Amount 50.000	Range 69	- 133	Recovery	=	106.56%	
50) Toluene-d8	10.030	98	1009556	51.71	ug/l	0.00
Spiked Amount 50.000	Range 65	- 126	Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.353	95	299212	45.26	ug/l	0.00
Spiked Amount 50.000	Range 58	- 135	Recovery	=	90.52%	
Target Compounds						
						Qvalue
3) Chloromethane	2.038	50	2008	0.23	ug/l #	88
8) Diethyl Ether	3.360	74	1452	0.41	ug/l	86
11) Tert butyl alcohol	4.666	59	5598	5.65	ug/l #	73
13) Acrolein	3.550	56	1183	1.44	ug/l #	80
16) Acetone	3.757	43	86282	34.95	ug/l	95
18) Methyl Acetate	4.258	43	4548	0.64	ug/l #	73
20) Methylene Chloride	4.473	84	341768	54.58	ug/l	93
31) Cyclohexane	7.592	56	10518	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.589	75	39064	4.97	ug/l #	44
38) Carbon Tetrachloride	7.589	117	46579	5.68	ug/l #	19
52) Toluene	10.094	92	58721	4.05	ug/l	96
56) Ethyl methacrylate	10.180	69	26	5.19	ug/l #	1
59) 2-Hexanone	10.692	43	54	28.37	ug/l #	23
76) 1,2,3-Trichloropropane	12.350	75	127504	21.19	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.350	75	127504	64.62	ug/l #	12
89) n-Butylbenzene	13.621	91	25	5.24	ug/l #	34

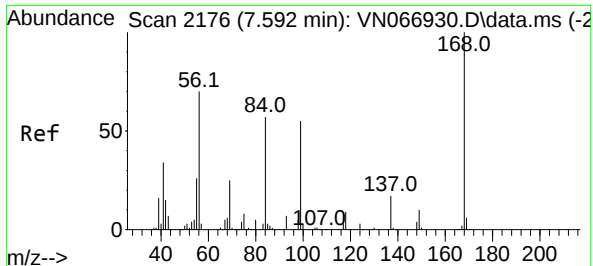
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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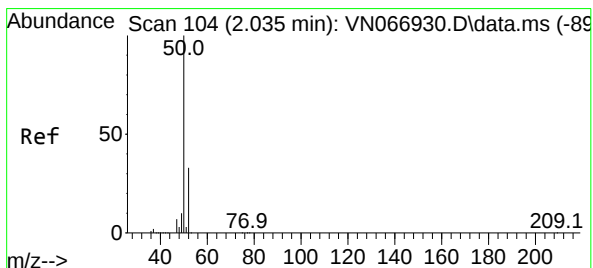
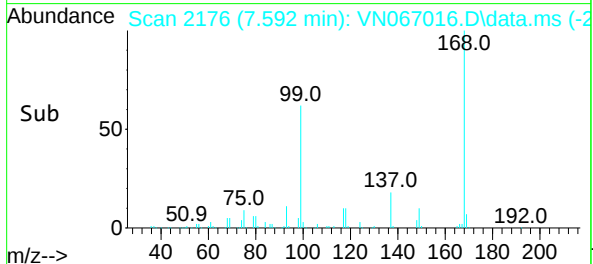
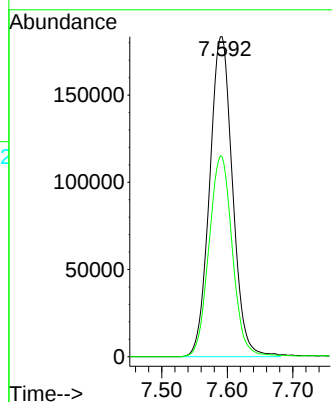
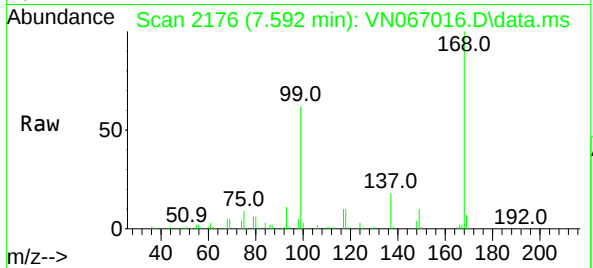




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

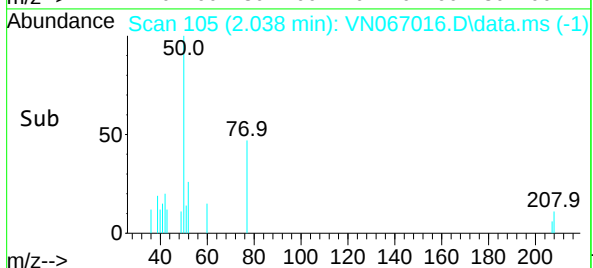
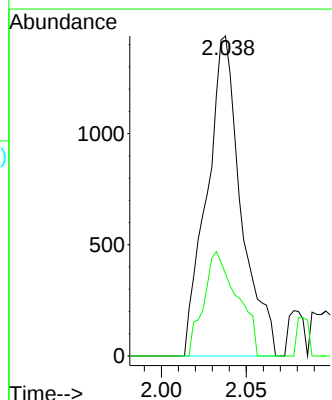
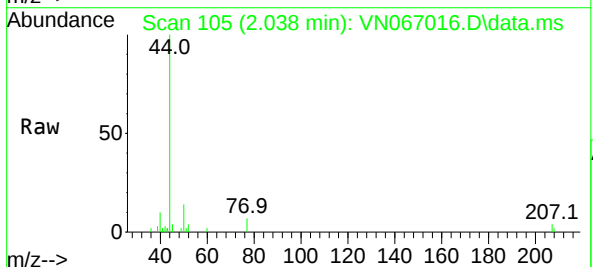
Instrument :
MSVOA_N
ClientSampled :

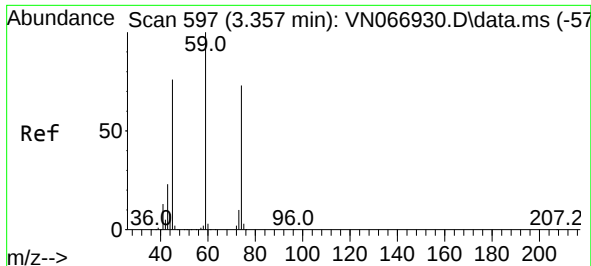
Tgt Ion:168 Resp: 445833
Ion Ratio Lower Upper
168 100
99 62.5 42.6 63.8



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.038 min Scan# 105
Delta R.T. 0.003 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

Tgt Ion: 50 Resp: 2008
Ion Ratio Lower Upper
50 100
52 25.6 25.8 38.8#

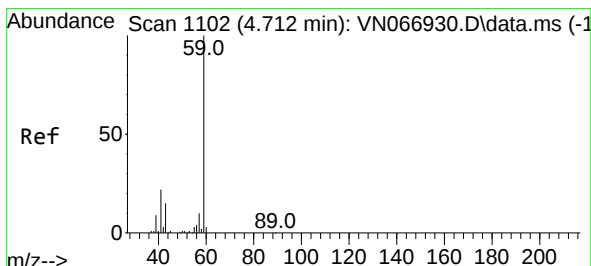
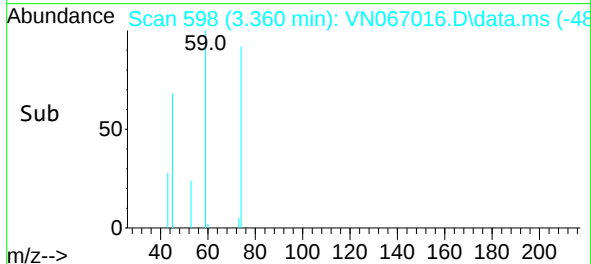
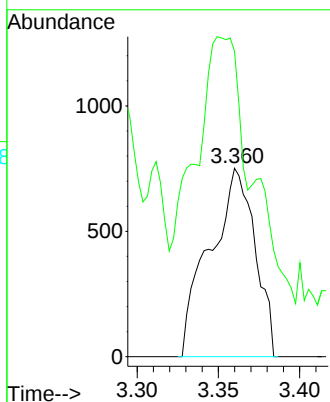
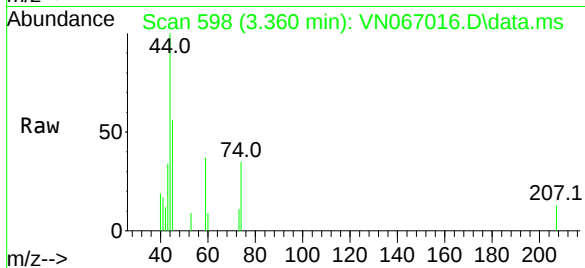




#8
Diethyl Ether
Concen: 0.41 ug/l
RT: 3.360 min Scan# 598
Delta R.T. 0.003 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

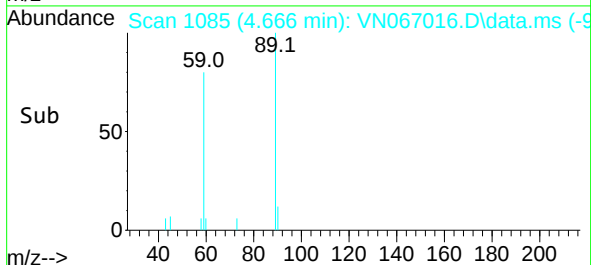
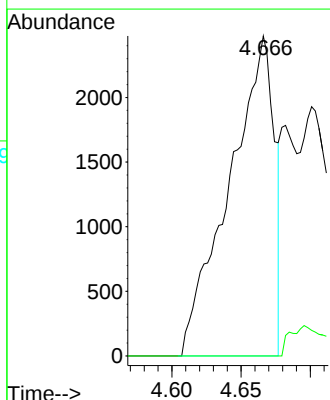
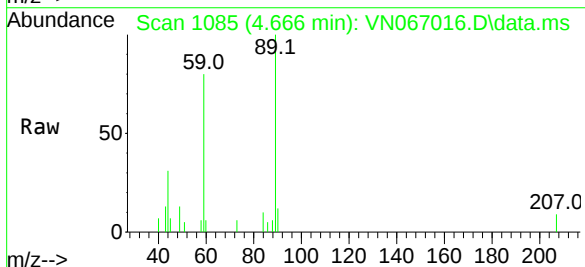
Instrument :
MSVOA_N
ClientSampleId :

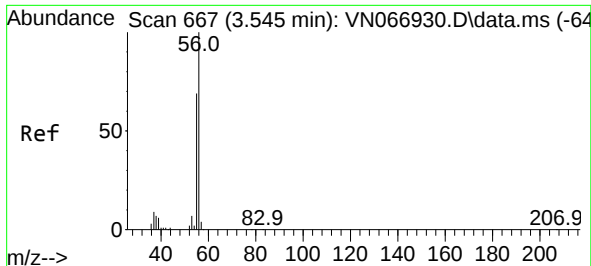
Tgt Ion: 74 Resp: 1452
Ion Ratio Lower Upper
74 100
45 105.7 46.4 139.1



#11
Tert butyl alcohol
Concen: 5.65 ug/l
RT: 4.666 min Scan# 1085
Delta R.T. -0.046 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

Tgt Ion: 59 Resp: 5598
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

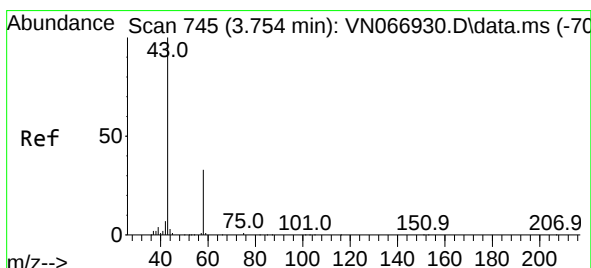
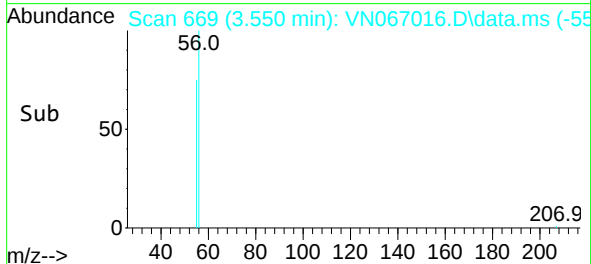
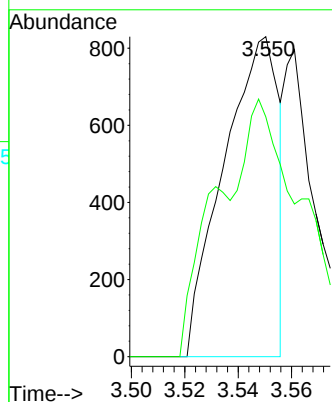
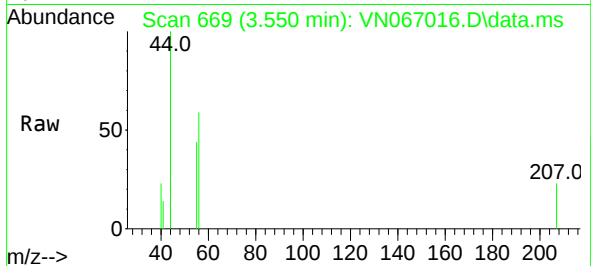




#13
Acrolein
Concen: 1.44 ug/l
RT: 3.550 min Scan# 669
Delta R.T. 0.005 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

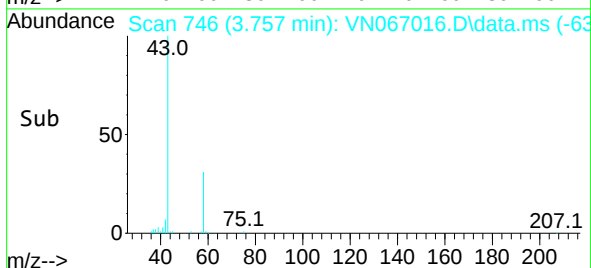
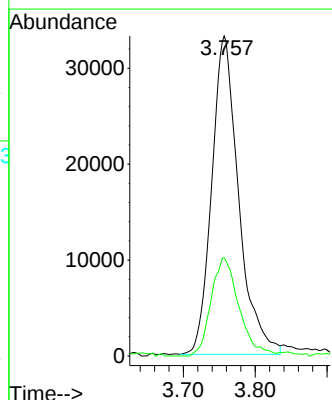
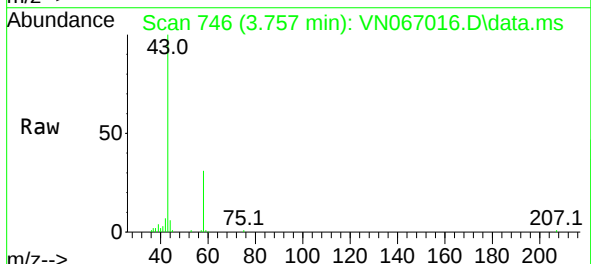
Instrument :
MSVOA_N
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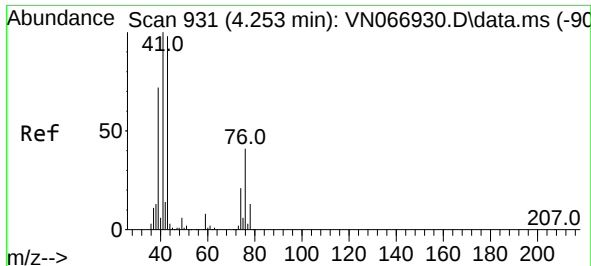
Tgt Ion: 56 Resp: 1183
Ion Ratio Lower Upper
56 100
55 86.4 56.0 84.0#



#16
Acetone
Concen: 34.95 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

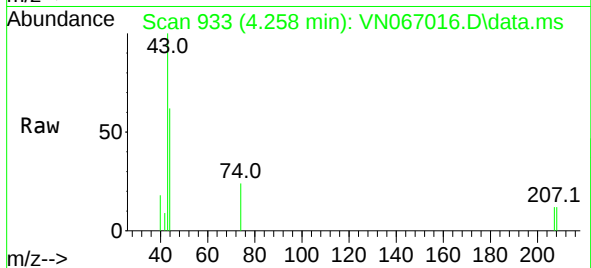
Tgt Ion: 43 Resp: 86282
Ion Ratio Lower Upper
43 100
58 30.9 27.0 40.6



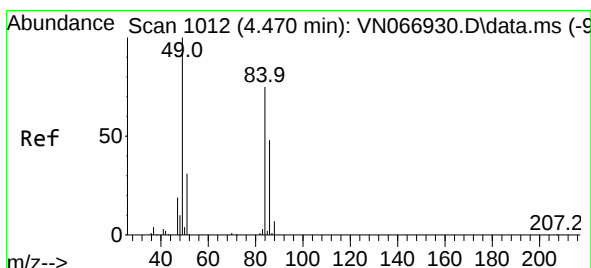
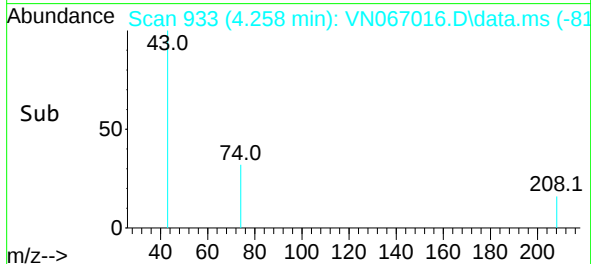
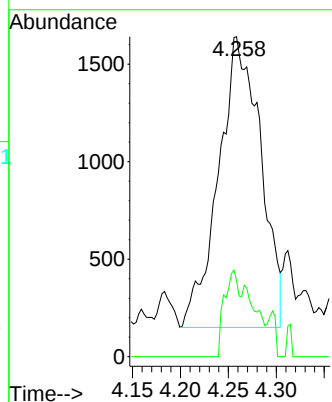


#18
Methyl Acetate
Concen: 0.64 ug/l
RT: 4.258 min Scan# 933
Delta R.T. 0.005 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

Instrument :
MSVOA_N
ClientSampleId :

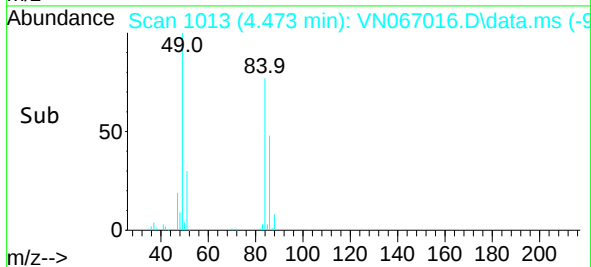
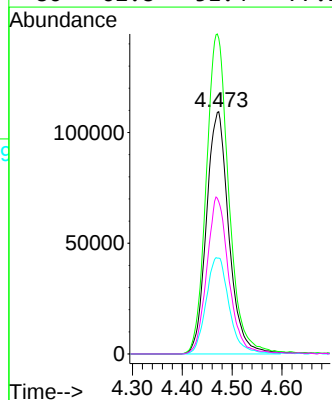
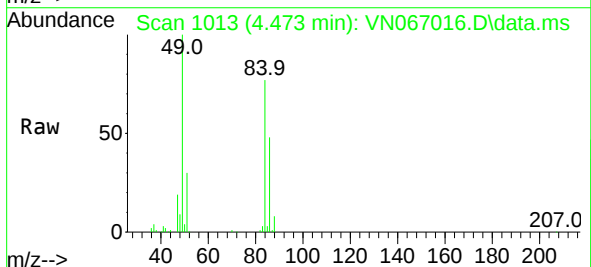


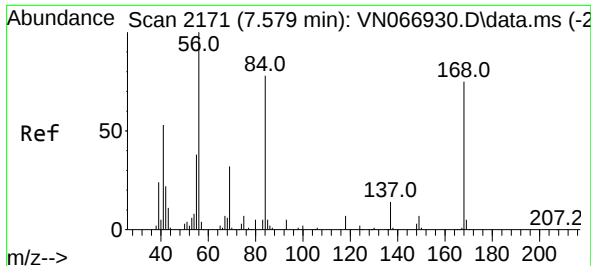
Tgt Ion: 43 Resp: 4548
Ion Ratio Lower Upper
43 100
74 10.9 19.5 29.3#



#20
Methylene Chloride
Concen: 54.58 ug/l
RT: 4.473 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

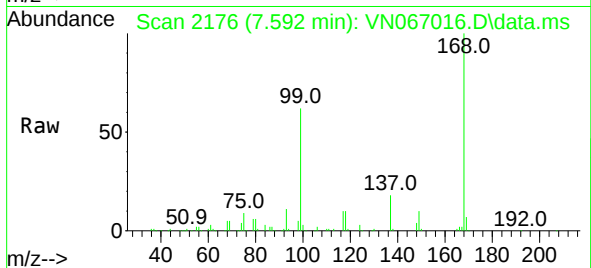
Tgt Ion: 84 Resp: 341768
Ion Ratio Lower Upper
84 100
49 130.4 94.6 141.8
51 39.6 29.9 44.9
86 62.8 51.4 77.2



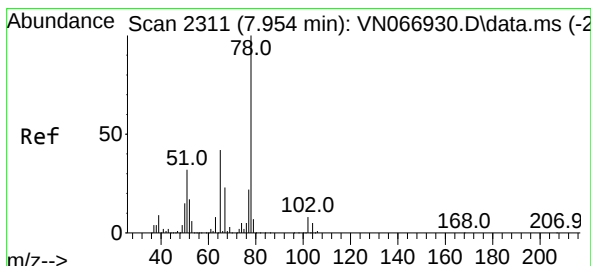
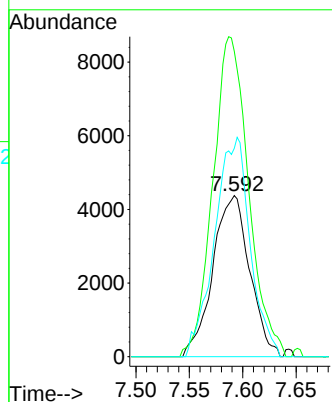
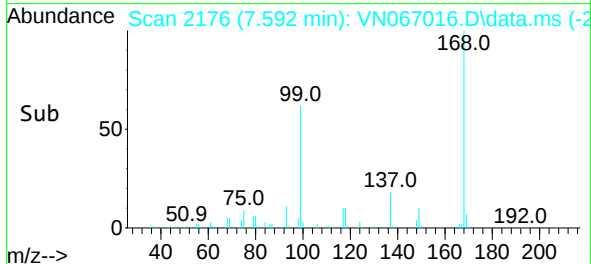


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.013 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

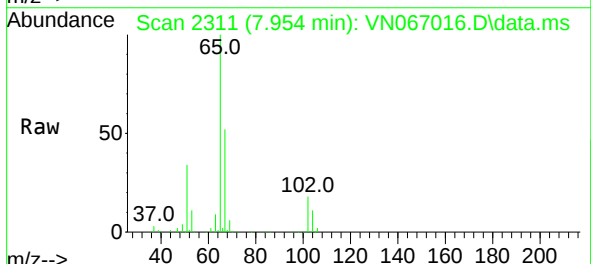
Instrument :
MSVOA_N
ClientSampleId :



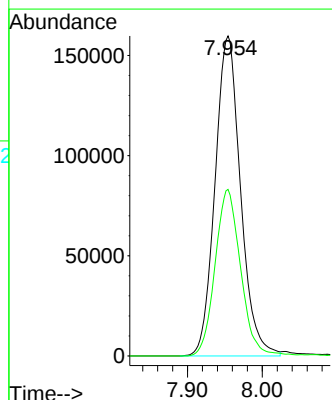
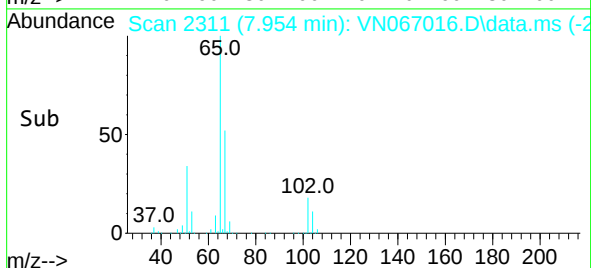
Tgt Ion: 56 Resp: 10518
Ion Ratio Lower Upper
56 100
69 189.6 26.6 39.8#
84 129.3 70.4 105.6#

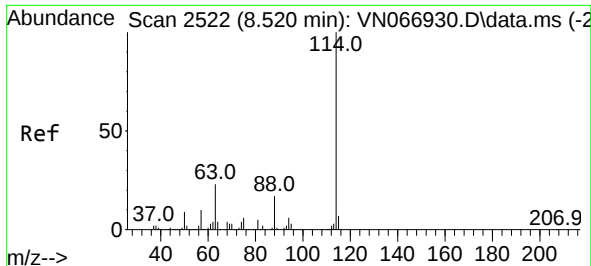


#33
1,2-Dichloroethane-d4
Concen: 53.95 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36



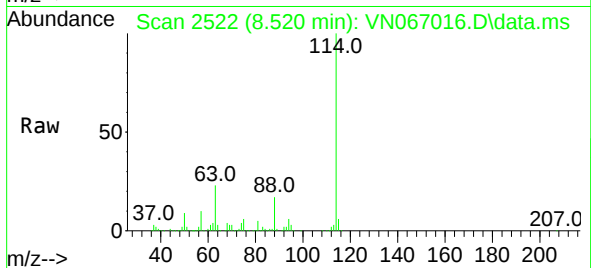
Tgt Ion: 65 Resp: 378573
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.2



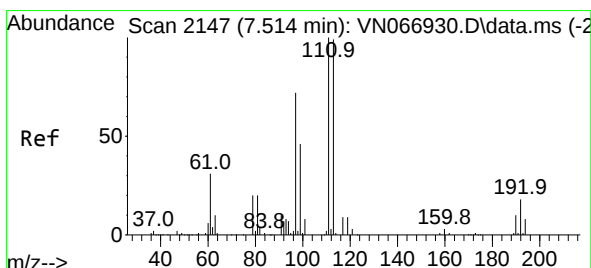
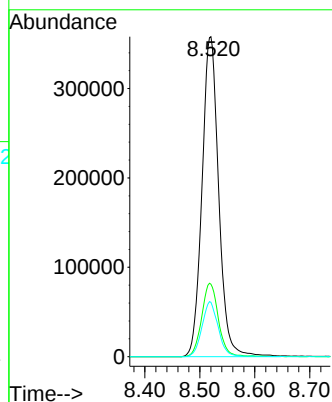
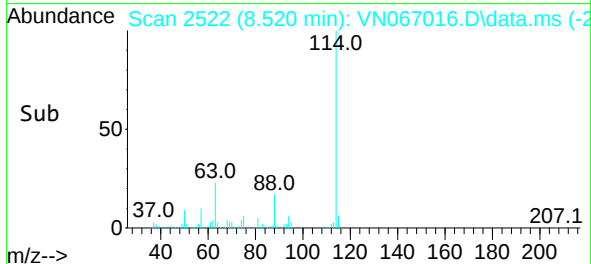


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

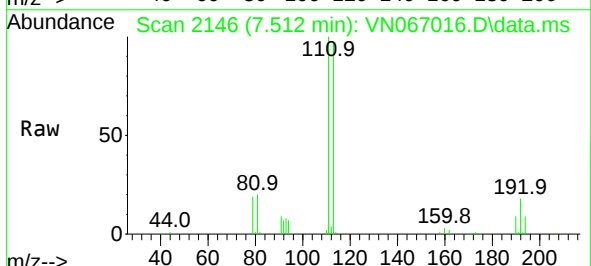
Instrument :
MSVOA_N
ClientSampled :



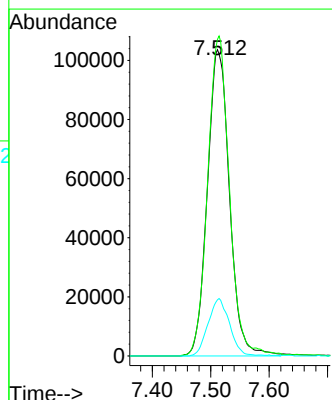
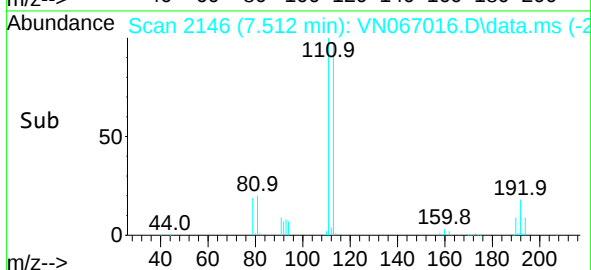
Tgt Ion:114 Resp: 755014
Ion Ratio Lower Upper
114 100
63 22.6 0.0 38.6
88 17.0 0.0 30.6

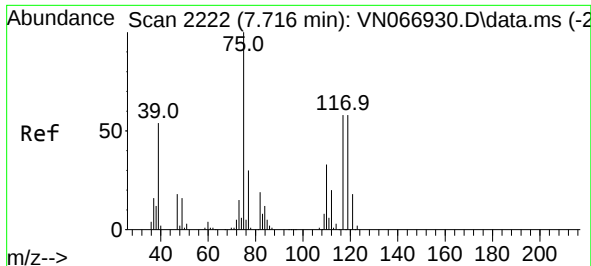


#35
Dibromofluoromethane
Concen: 53.28 ug/l
RT: 7.512 min Scan# 2146
Delta R.T. -0.002 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36



Tgt Ion:113 Resp: 273177
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.2
192 18.1 15.4 23.0

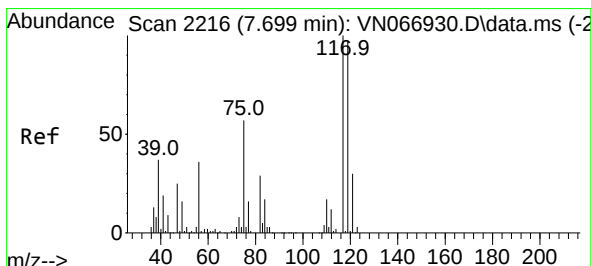
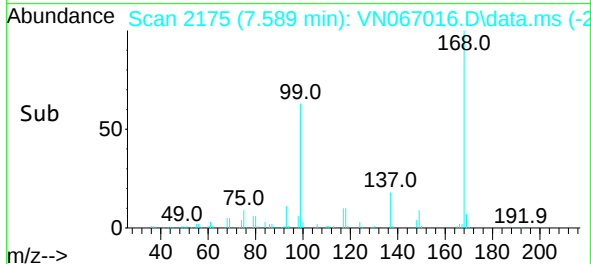
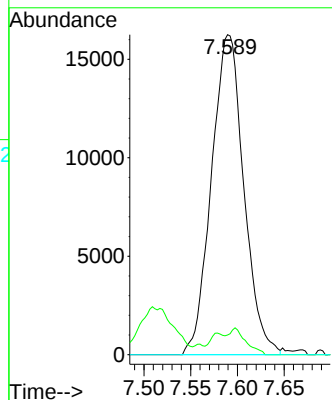
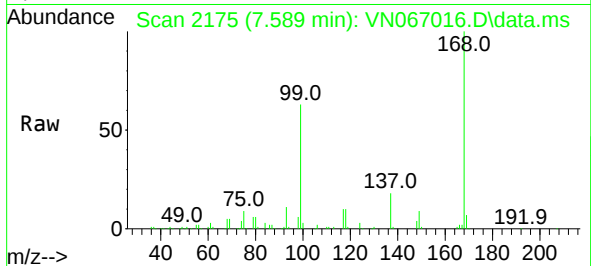




#36
1,1-Dichloropropene
Concen: 4.97 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.127 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

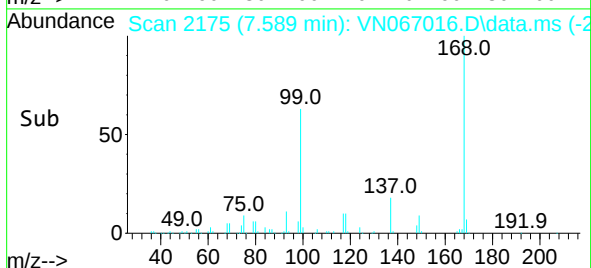
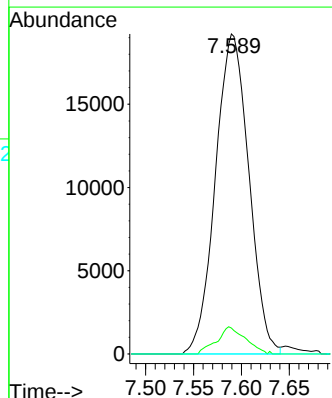
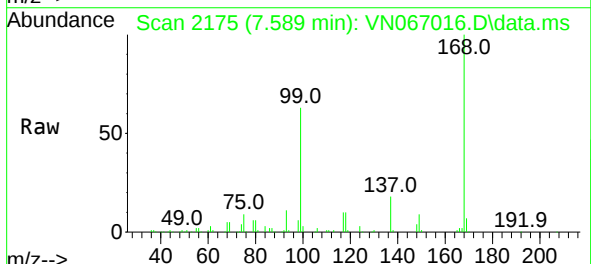
Instrument :
MSVOA_N
ClientSampleId :

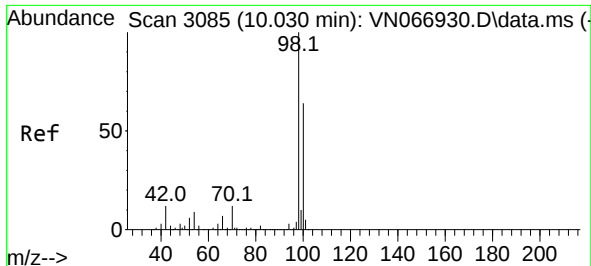
Tgt Ion: 75 Resp: 39064
Ion Ratio Lower Upper
75 100
110 4.1 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 7.589 min Scan# 2175
Delta R.T. -0.110 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

Tgt Ion:117 Resp: 46579
Ion Ratio Lower Upper
117 100
119 8.1 76.0 114.0#
121 0.0 24.5 36.7#

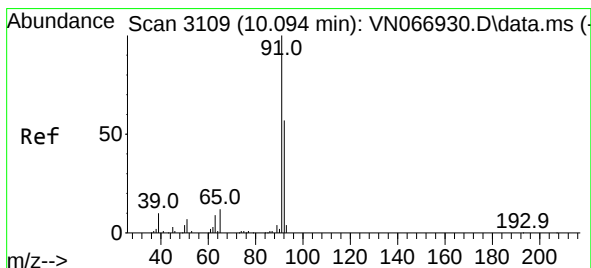
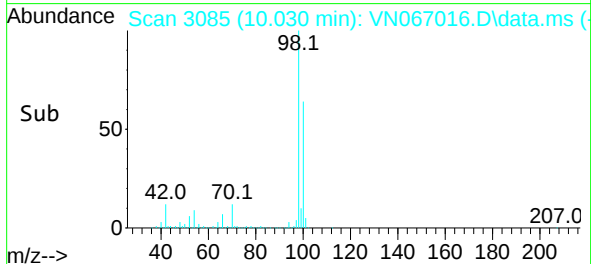
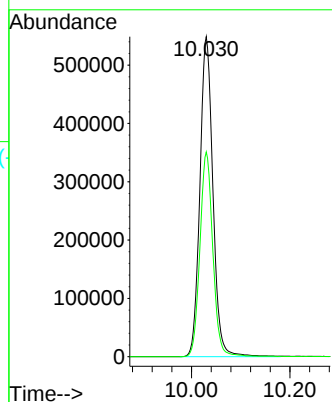
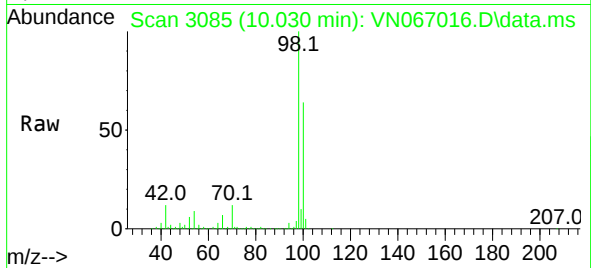




#50
Toluene-d8
Concen: 51.71 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

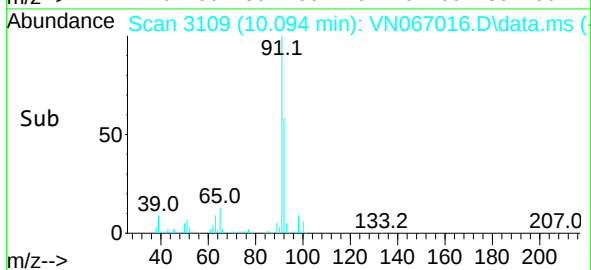
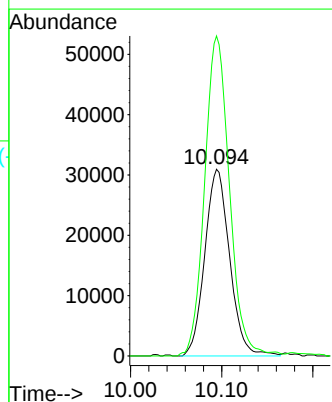
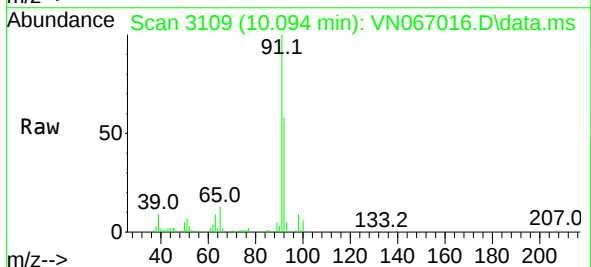
Instrument :
MSVOA_N
ClientSampled :

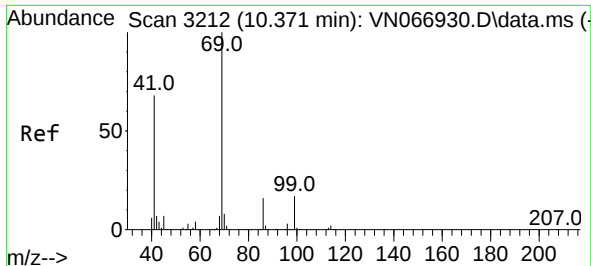
Tgt Ion: 98 Resp: 1009556
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7



#52
Toluene
Concen: 4.05 ug/l
RT: 10.094 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

Tgt Ion: 92 Resp: 58721
Ion Ratio Lower Upper
92 100
91 169.7 140.7 211.1

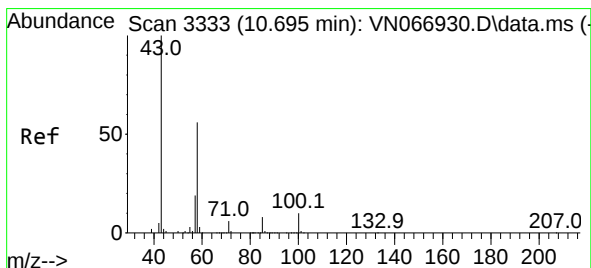
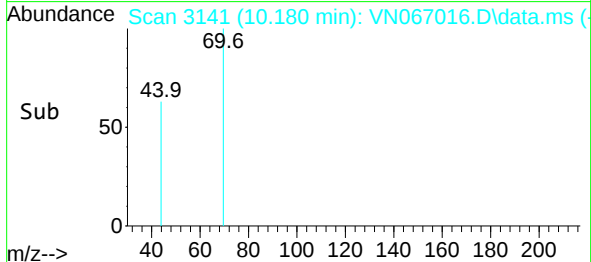
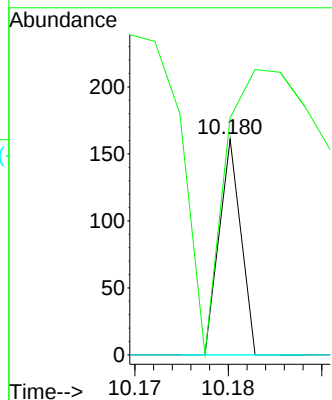
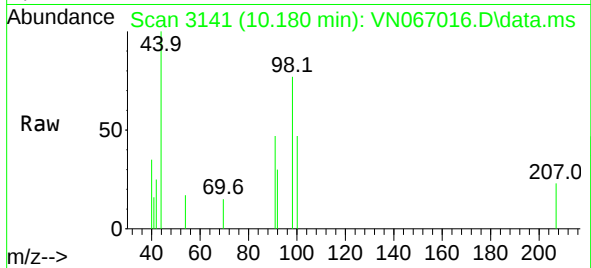




#56
Ethyl methacrylate
Concen: 5.19 ug/l
RT: 10.180 min Scan# 3141
Delta R.T. -0.191 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

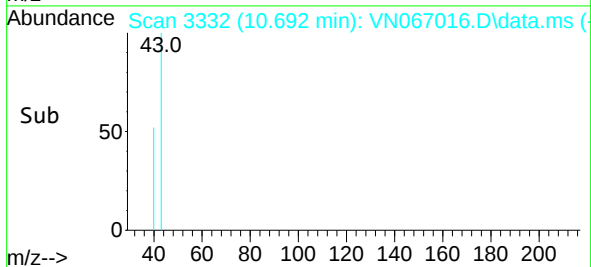
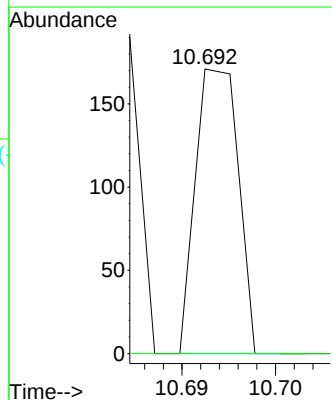
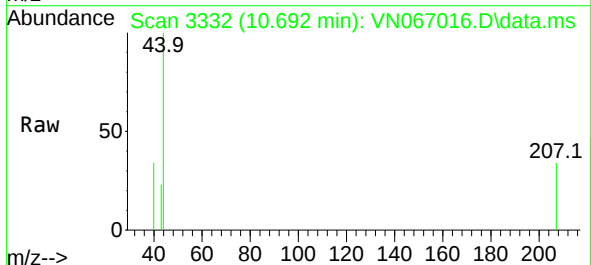
Instrument :
MSVOA_N
ClientSampleId :

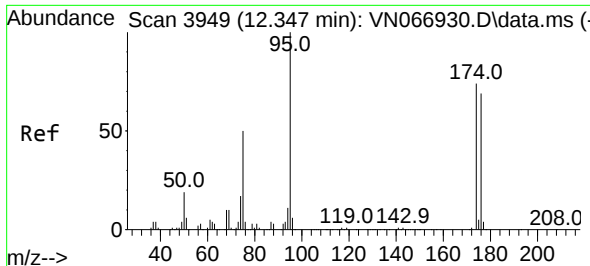
Tgt Ion: 69 Resp: 26
Ion Ratio Lower Upper
69 100
41 580.8 49.6 74.4#
39 0.0 28.0 42.0#



#59
2-Hexanone
Concen: 28.37 ug/l
RT: 10.692 min Scan# 3332
Delta R.T. -0.003 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#

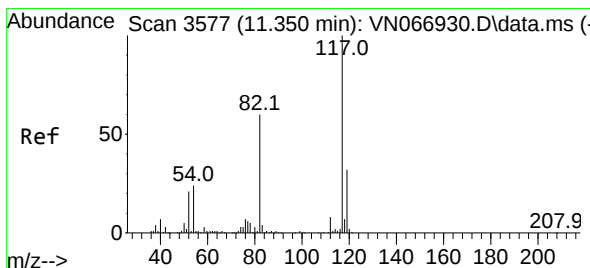
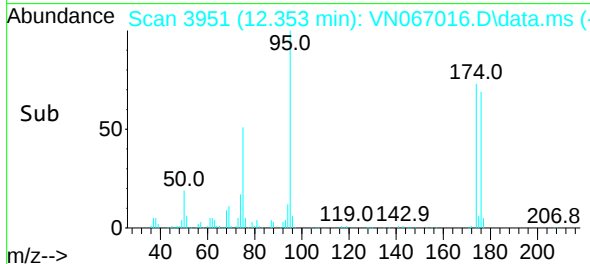
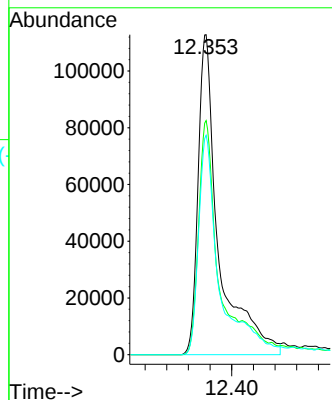
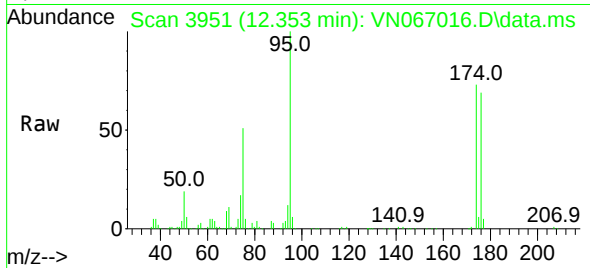




#62
4-Bromofluorobenzene
Concen: 45.26 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.006 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

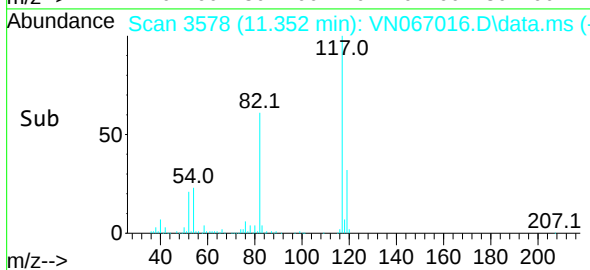
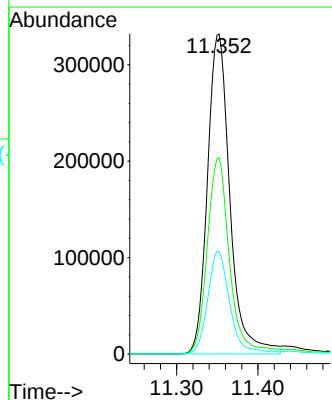
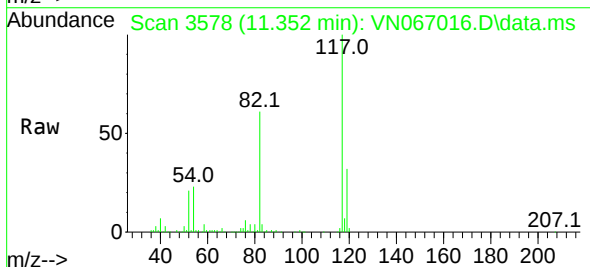
Instrument :
MSVOA_N
ClientSampleId :

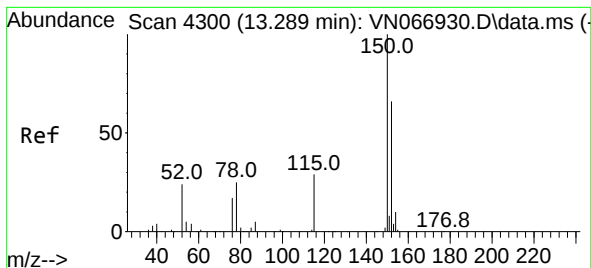
Tgt Ion: 95 Resp: 299212
Ion Ratio Lower Upper
95 100
174 62.9 0.0 169.0
176 58.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

Tgt Ion: 117 Resp: 637309
Ion Ratio Lower Upper
117 100
82 61.3 43.7 65.5
119 32.0 26.1 39.1

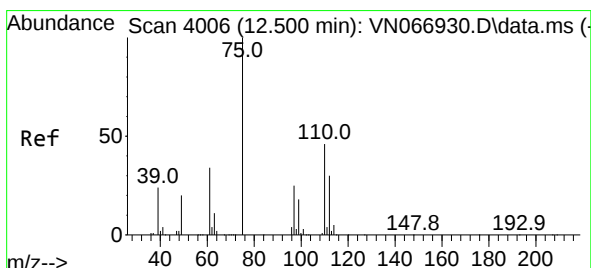
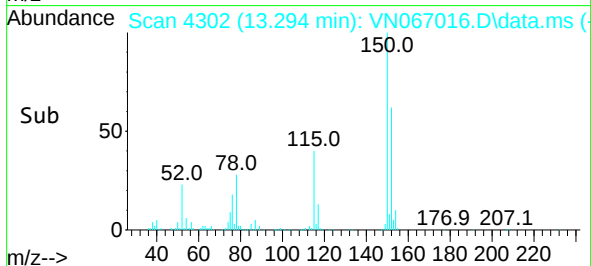
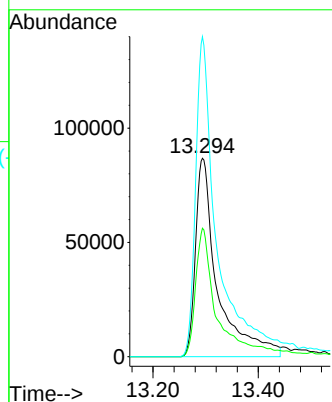
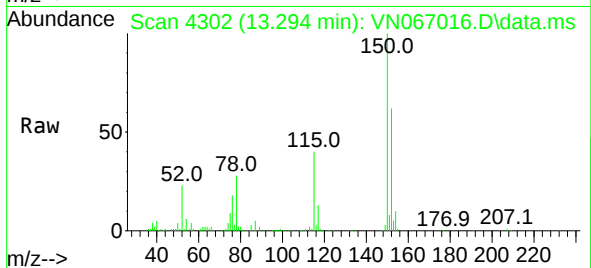




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.294 min Scan# 4302
Delta R.T. 0.005 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

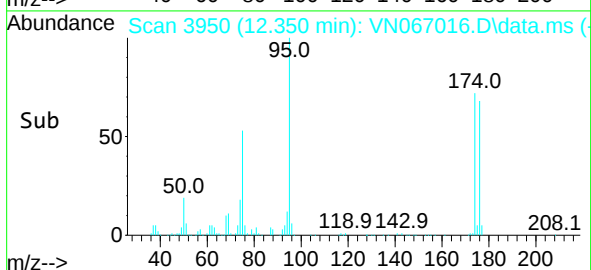
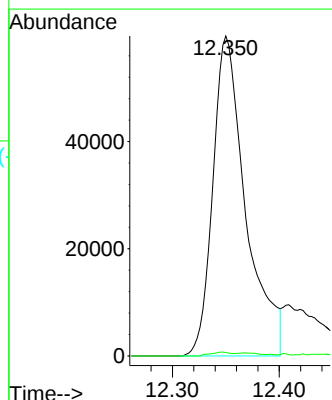
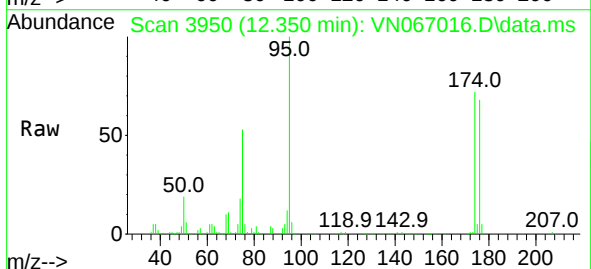
Instrument :
MSVOA_N
ClientSampleId :

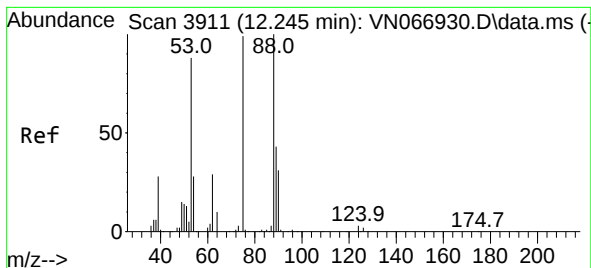
Tgt Ion:152 Resp: 252560
Ion Ratio Lower Upper
152 100
115 62.6 28.5 85.6
150 160.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 21.19 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. -0.150 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

Tgt Ion: 75 Resp: 127504
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#

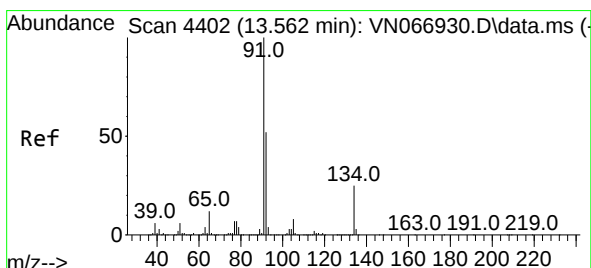
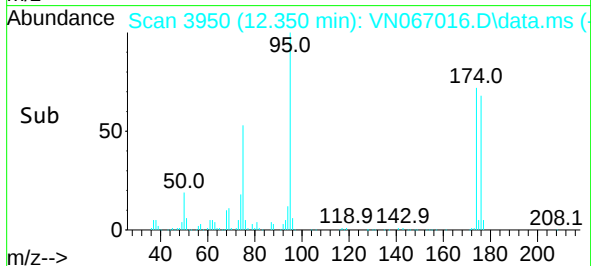
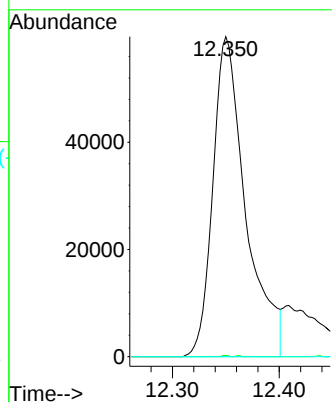
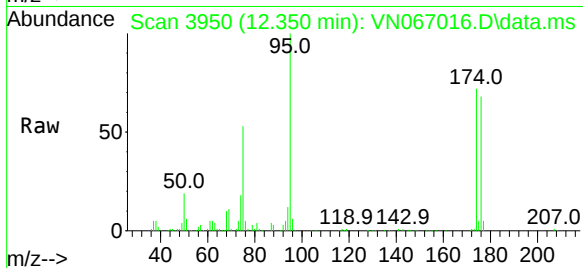




#81
trans-1,4-Dichloro-2-butene
Concen: 64.62 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.105 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 127504
Ion Ratio Lower Upper
75 100
53 0.1 74.6 111.8#
89 0.0 35.8 53.8#



#89
n-Butylbenzene
Concen: 5.24 ug/l
RT: 13.621 min Scan# 4424
Delta R.T. 0.059 min
Lab File: VN067016.D
Acq: 6 May 2021 17:36

Tgt Ion: 91 Resp: 25
Ion Ratio Lower Upper
91 100
92 0.0 26.1 78.3#
134 0.0 13.0 38.9#

