

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065301.D
 Acq On : 29 Dec 2020 12:42
 Operator : JC/MD
 Sample : L5226-02 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 16882

Quant Time: Dec 30 00:55:24 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

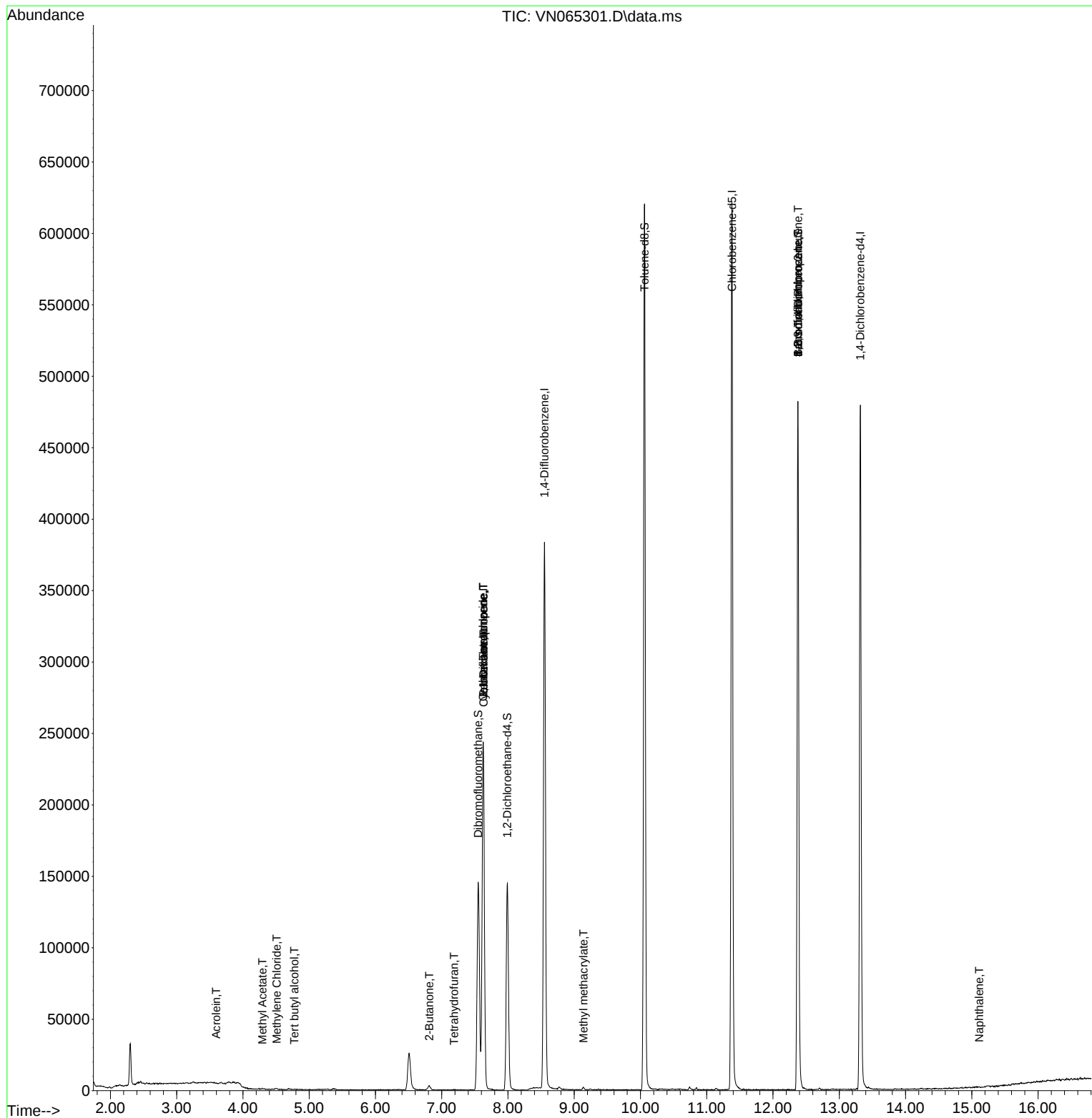
Internal Standards						
1) Pentafluorobenzene	7.627	168	221472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	365557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	380233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	148115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	127573	51.02	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.04%			
35) Dibromofluoromethane	7.550	113	113139	51.30	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.60%			
50) Toluene-d8	10.061	98	454934	55.04	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.08%			
62) 4-Bromofluorobenzene	12.376	95	170214	51.86	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.72%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.775	59	192	0.47	ug/l #	73
13) Acrolein	3.595	56	60	2.63	ug/l #	68
16) Acetone	3.775	43	665	Below Cal		89
18) Methyl Acetate	4.293	43	1151	0.51	ug/l #	50
20) Methylene Chloride	4.508	84	896	0.37	ug/l #	69
25) 2-Butanone	6.811	43	434	0.31	ug/l #	49
29) Tetrahydrofuran	7.187	42	249	0.27	ug/l #	32
31) Cyclohexane	7.630	56	3920	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	13733	4.13	ug/l #	48
38) Carbon Tetrachloride	7.624	117	18804	5.39	ug/l #	16
48) Methyl methacrylate	9.138	41	647	0.23	ug/l #	19
71) Bromoform	12.376	173	949	0.37	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	84234	27.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	84234	70.29	ug/l #	15
95) Naphthalene	15.113	128	256	3.40	ug/l #	69

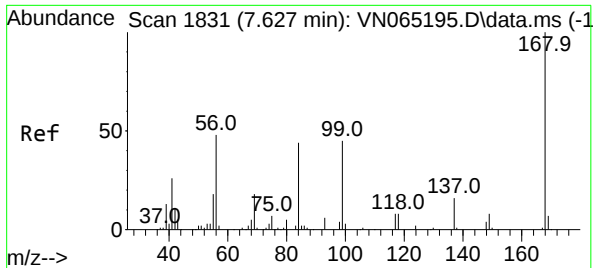
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
Data File : VN065301.D
Acq On : 29 Dec 2020 12:42
Operator : JC/MD
Sample : L5226-02 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
16882

Quant Time: Dec 30 00:55:24 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

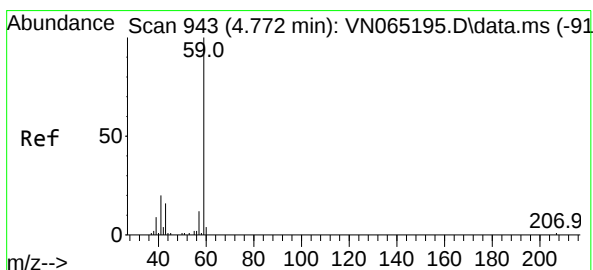
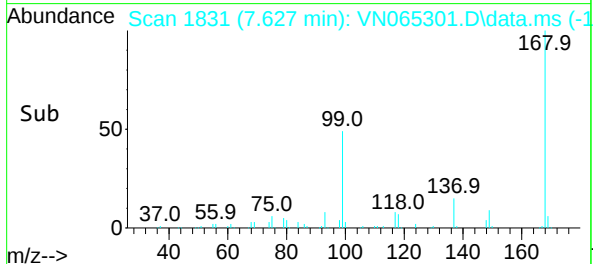
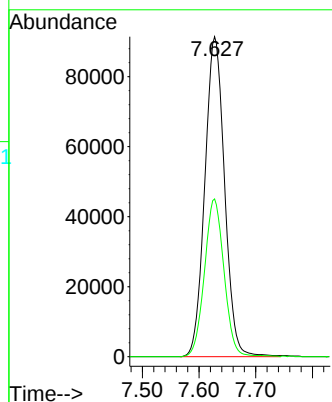
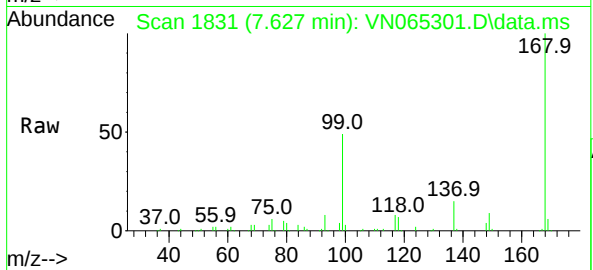




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

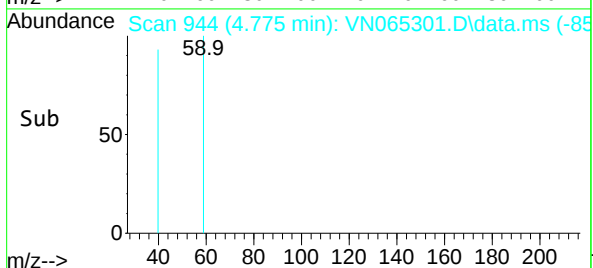
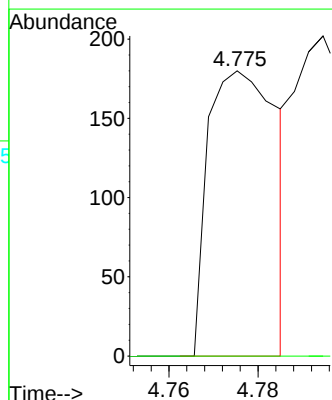
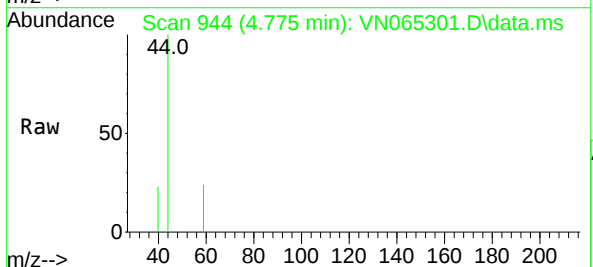
Instrument :
MSVOA_N
ClientSampled :
16882

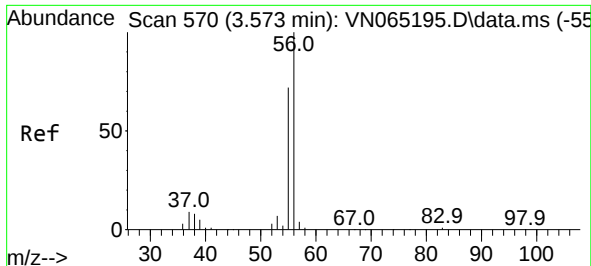
Tgt Ion:168 Resp: 221472
Ion Ratio Lower Upper
168 100
99 49.3 43.0 64.4



#11
Tert butyl alcohol
Concen: 0.47 ug/l
RT: 4.775 min Scan# 944
Delta R.T. 0.003 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

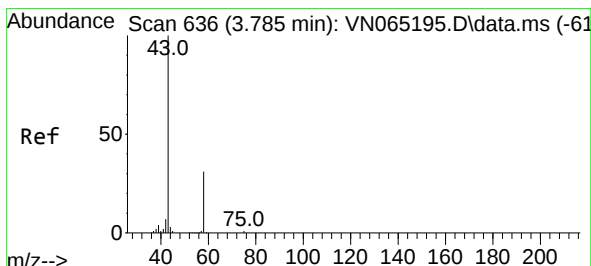
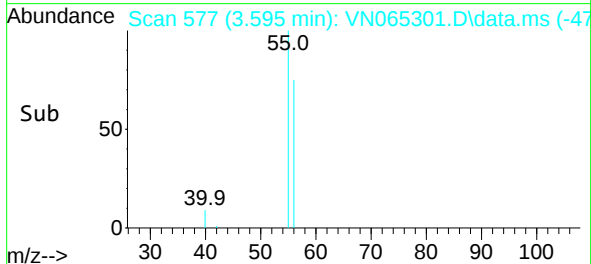
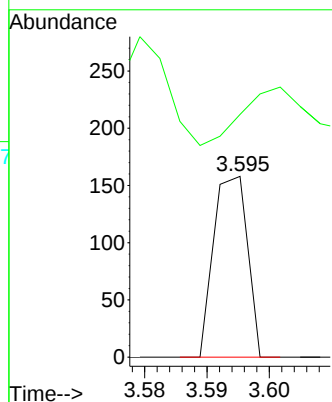
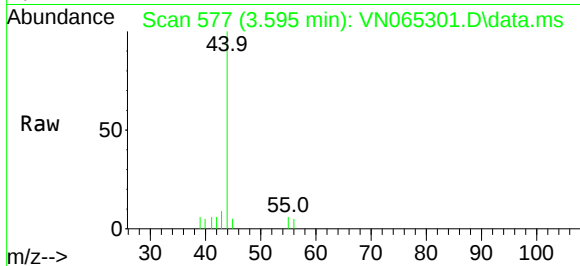




#13
Acrolein
Concen: 2.63 ug/l
RT: 3.595 min Scan# 577
Delta R.T. 0.022 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

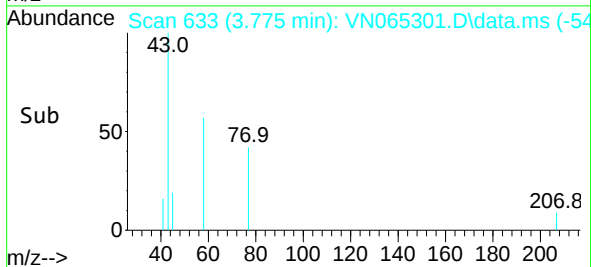
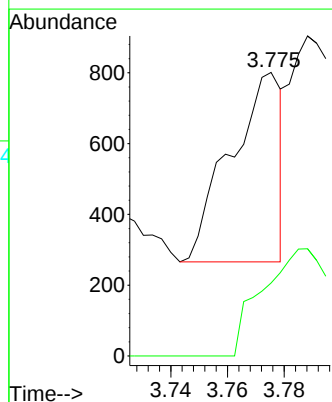
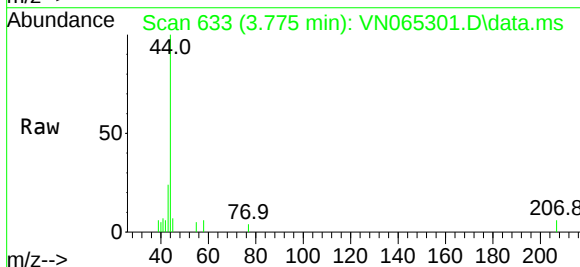
Instrument :
MSVOA_N
ClientSampled :
16882

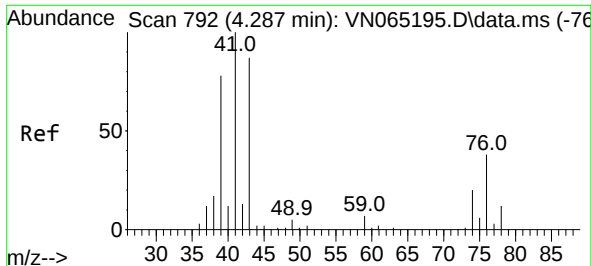
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 96.7 56.5 84.7#



#16
Acetone
Concen: Below Cal
RT: 3.775 min Scan# 633
Delta R.T. -0.010 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
58 38.5 25.7 38.5

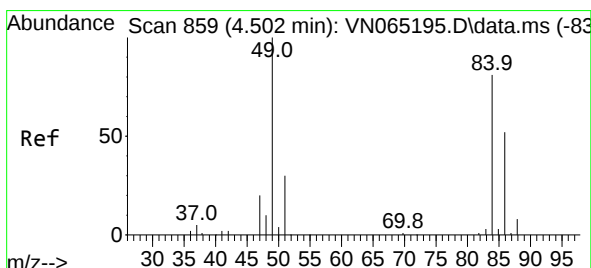
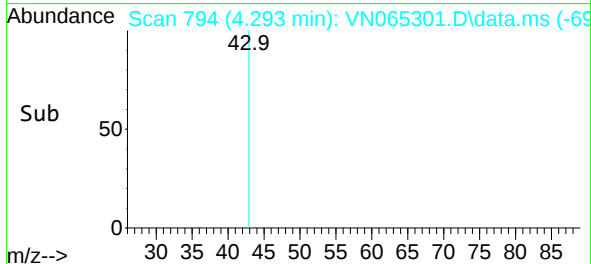
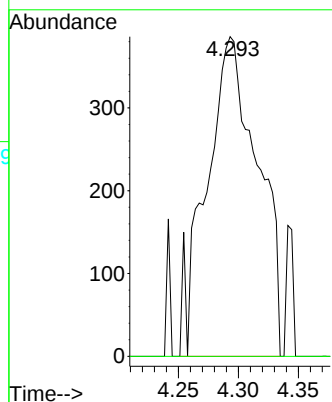
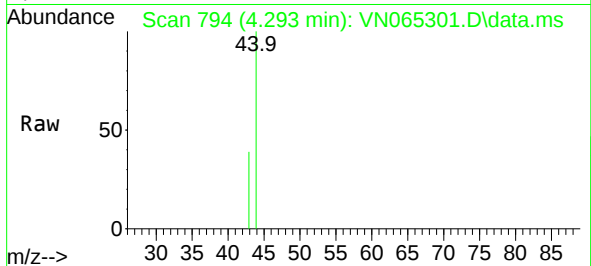




#18
Methyl Acetate
Concen: 0.51 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

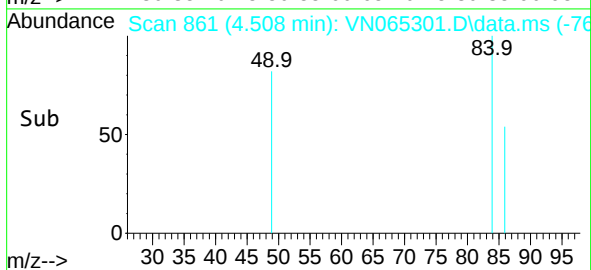
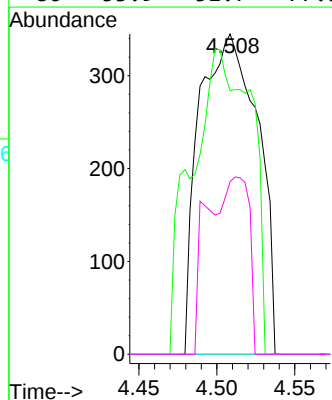
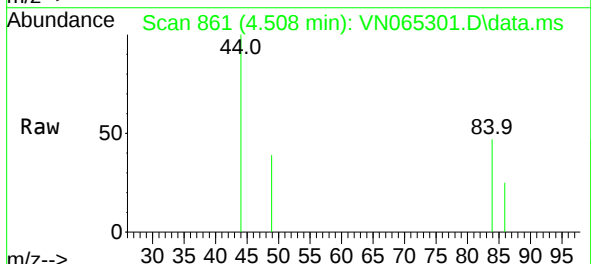
Instrument :
MSVOA_N
ClientSampled :
16882

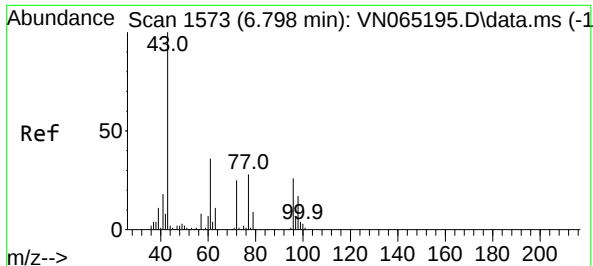
Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

Tgt Ion: 84 Resp: 896
Ion Ratio Lower Upper
84 100
49 82.3 93.4 140.0#
51 0.0 28.2 42.4#
86 53.9 51.7 77.5

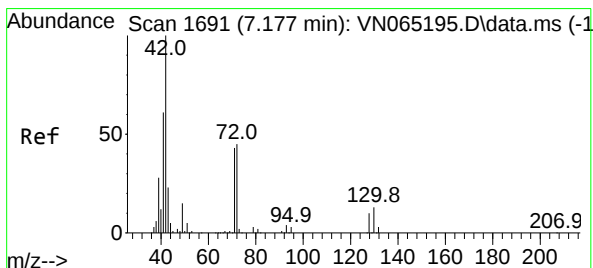
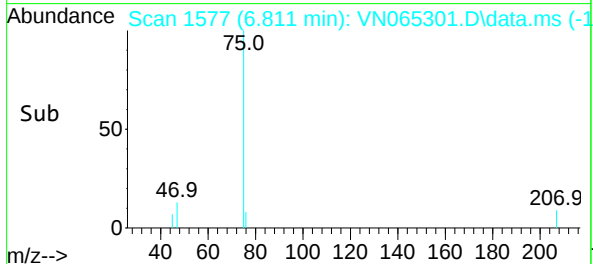
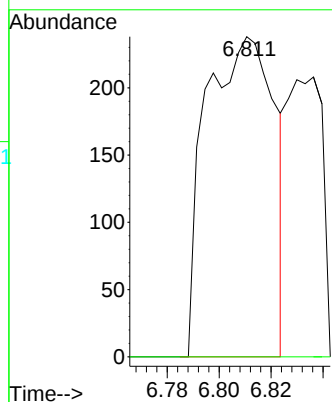
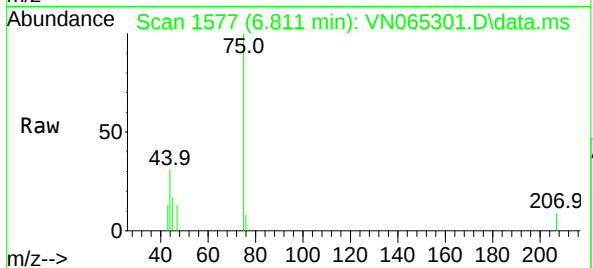




#25
2-Butanone
Concen: 0.31 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

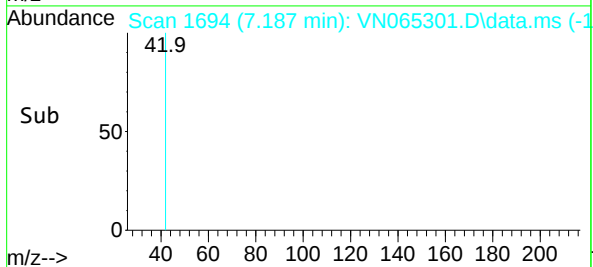
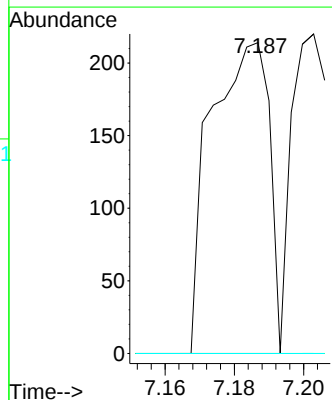
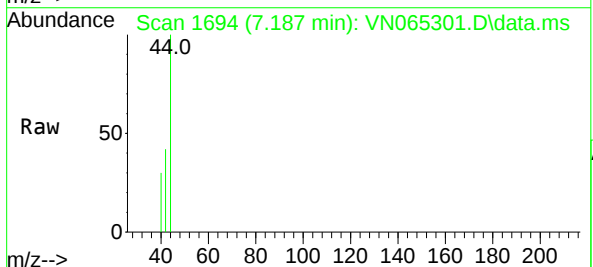
Instrument :
MSVOA_N
ClientSampled :
16882

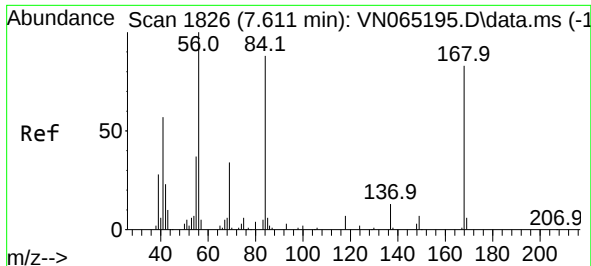
Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.27 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.010 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

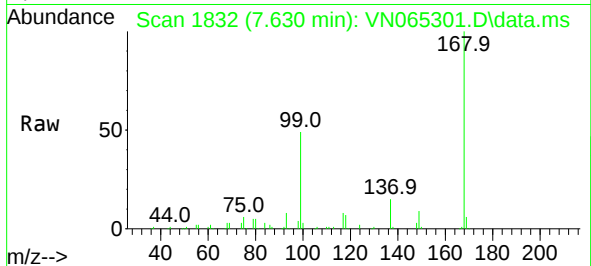
Tgt Ion: 42 Resp: 249
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#



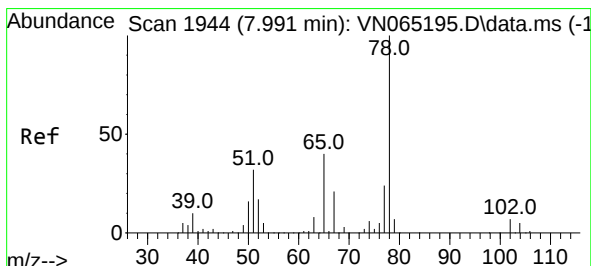
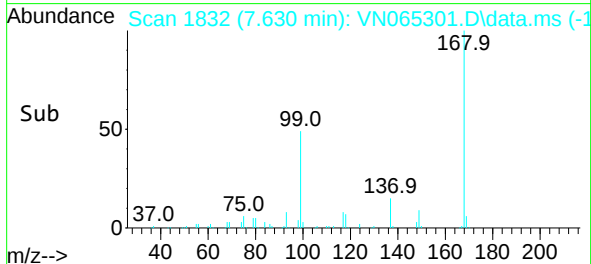
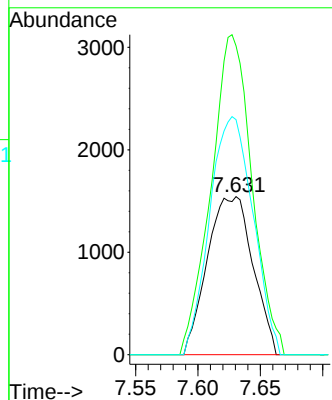


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.019 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
16882

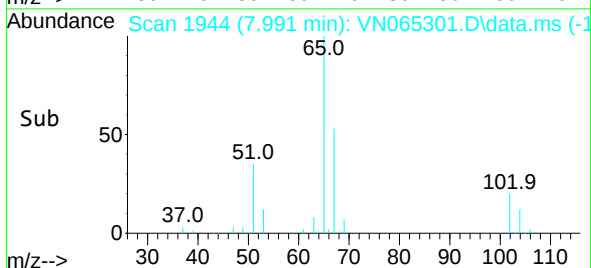
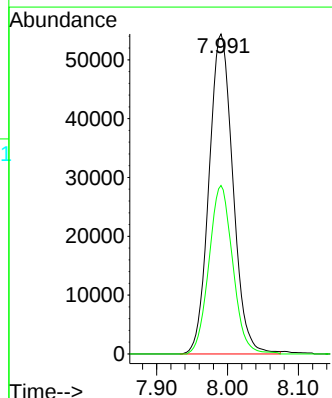
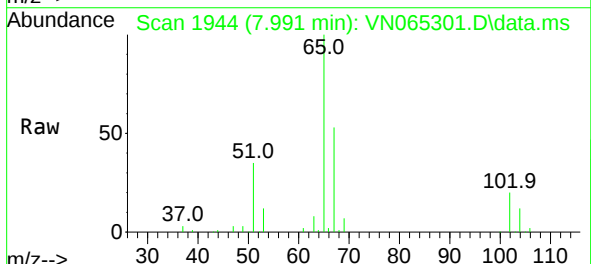


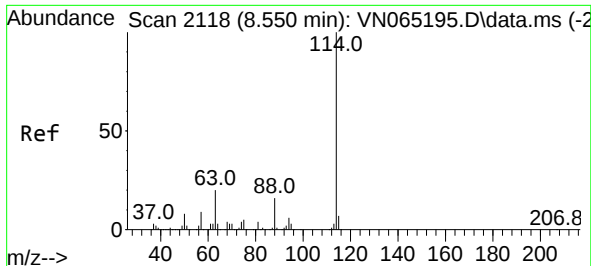
Tgt Ion:	56	Resp:	3920
Ion Ratio	Lower	Upper	
56	100		
69	195.4	27.5	41.3#
84	148.7	73.9	110.9#



#33
1,2-Dichloroethane-d4
Concen: 51.02 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

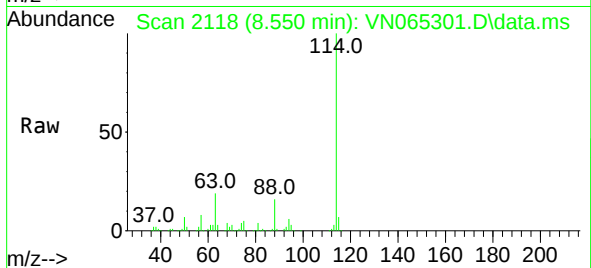
Tgt Ion:	65	Resp:	127573
Ion Ratio	Lower	Upper	
65	100		
67	52.3	0.0	108.2



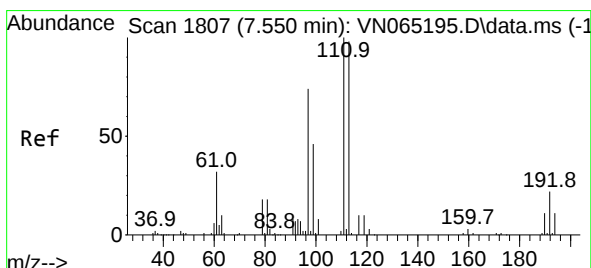
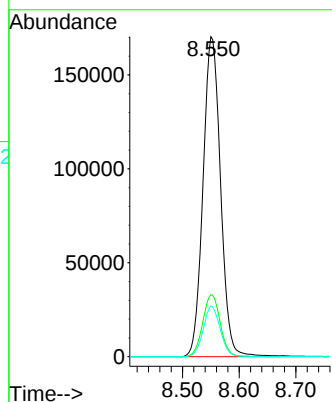
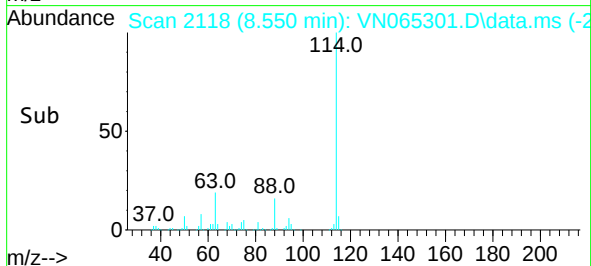


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

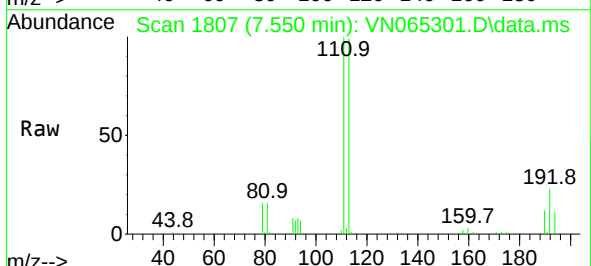
Instrument :
MSVOA_N
ClientSampled :
16882



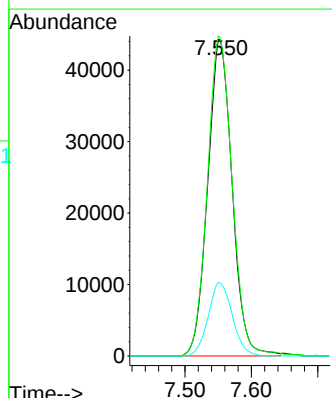
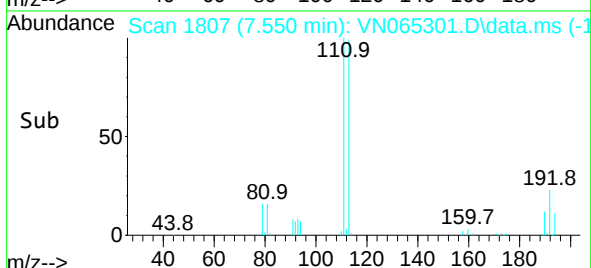
Tgt Ion:114 Resp: 365557
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.9 0.0 32.6

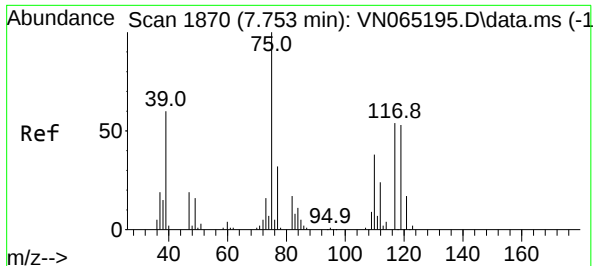


#35
Dibromofluoromethane
Concen: 51.30 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42



Tgt Ion:113 Resp: 113139
Ion Ratio Lower Upper
113 100
111 102.0 81.6 122.4
192 22.9 16.2 24.2

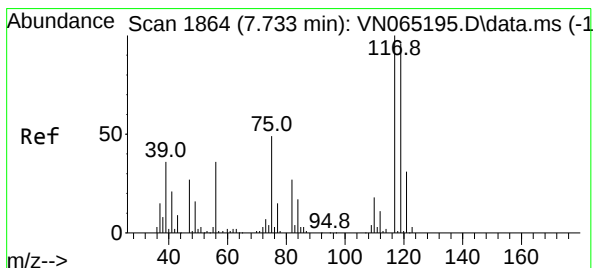
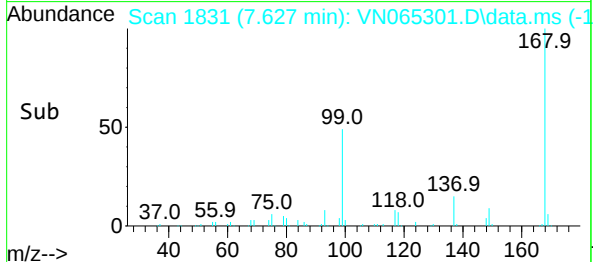
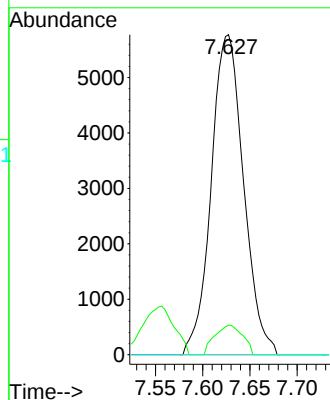
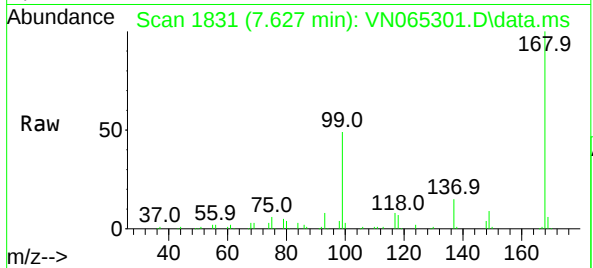




#36
1,1-Dichloropropene
Concen: 4.13 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

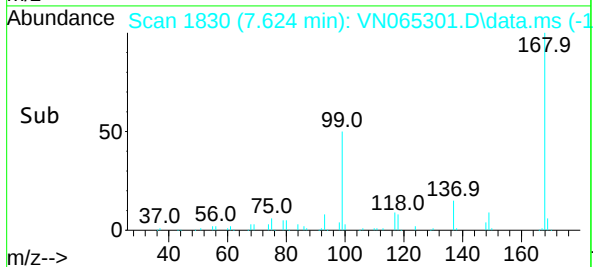
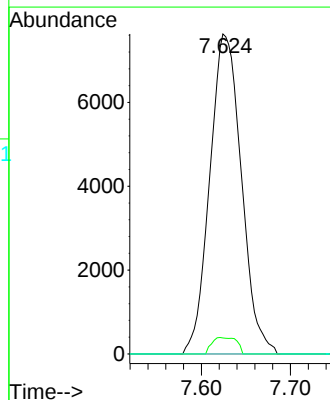
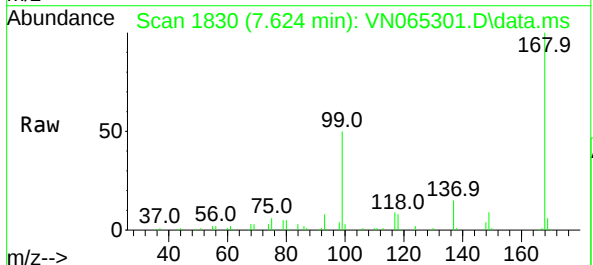
Instrument :
MSVOA_N
ClientSampled :
16882

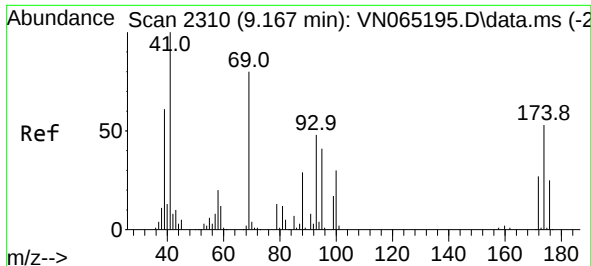
Tgt Ion: 75 Resp: 13733
Ion Ratio Lower Upper
75 100
110 8.0 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

Tgt Ion: 117 Resp: 18804
Ion Ratio Lower Upper
117 100
119 5.0 76.7 115.1#
121 0.0 25.4 38.2#

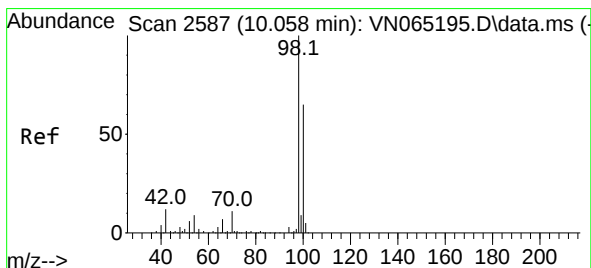
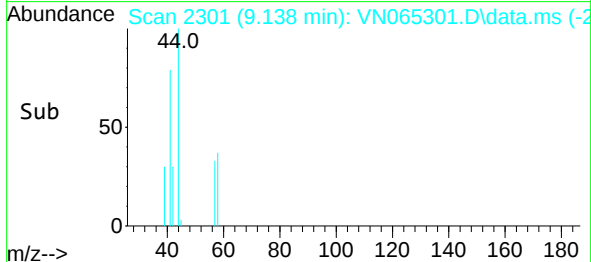
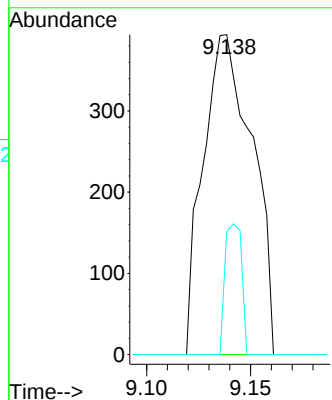
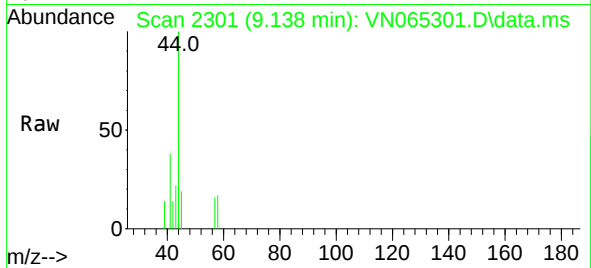




#48
Methyl methacrylate
Concen: 0.23 ug/l
RT: 9.138 min Scan# 2301
Delta R.T. -0.029 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

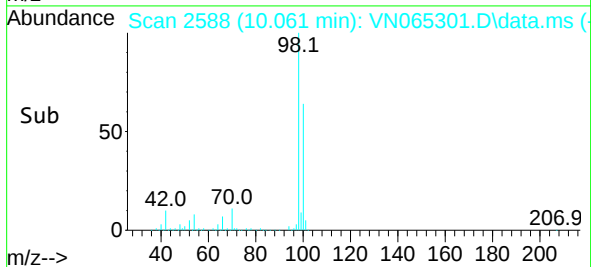
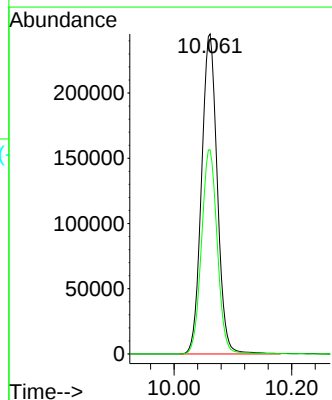
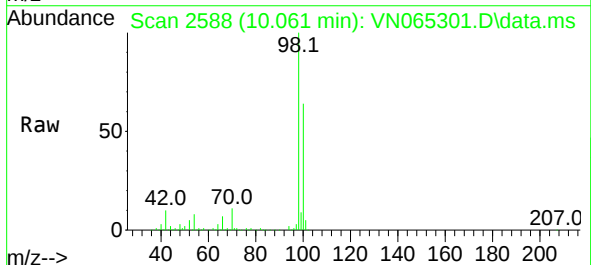
Instrument :
MSVOA_N
ClientSampled :
16882

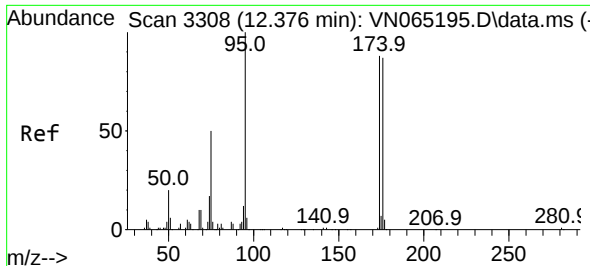
Tgt Ion: 41 Resp: 647
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 13.9 44.1 66.1#



#50
Toluene-d8
Concen: 55.04 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

Tgt Ion: 98 Resp: 454934
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

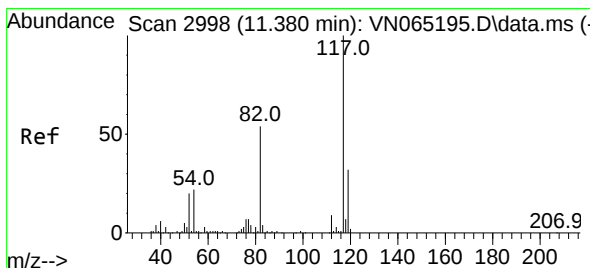
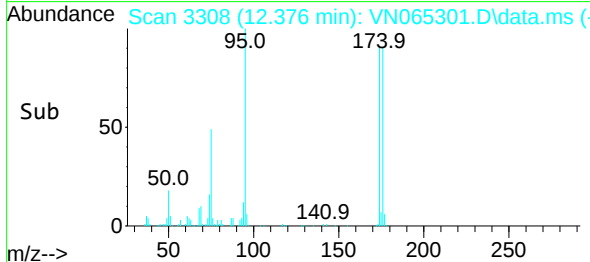
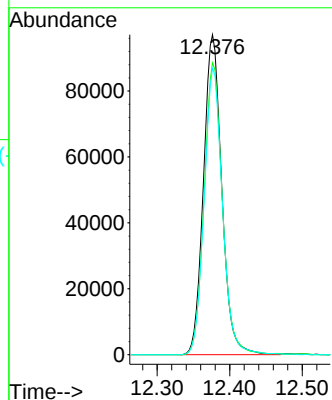
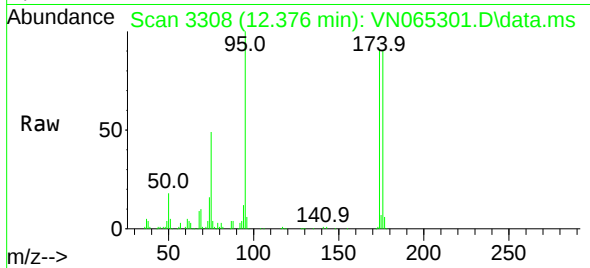




#62
4-Bromofluorobenzene
Concen: 51.86 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

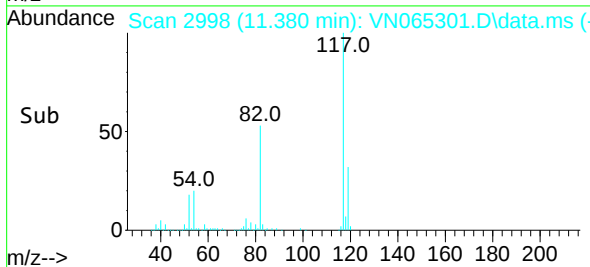
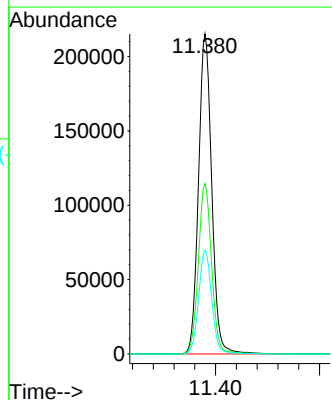
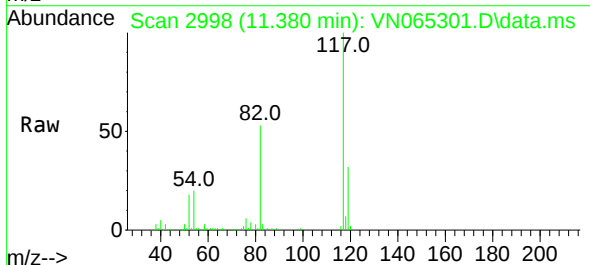
Instrument :
MSVOA_N
ClientSampleId :
16882

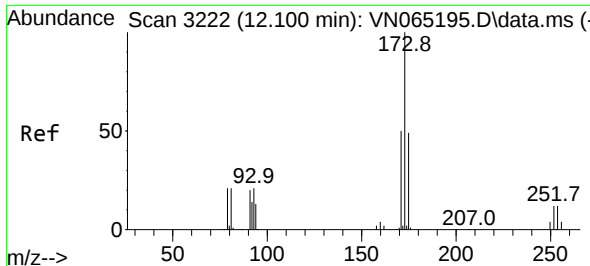
Tgt Ion: 95 Resp: 170214
Ion Ratio Lower Upper
95 100
174 91.4 0.0 160.4
176 89.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

Tgt Ion: 117 Resp: 380233
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 32.4 25.8 38.6

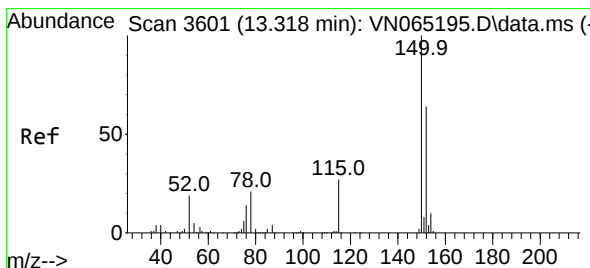
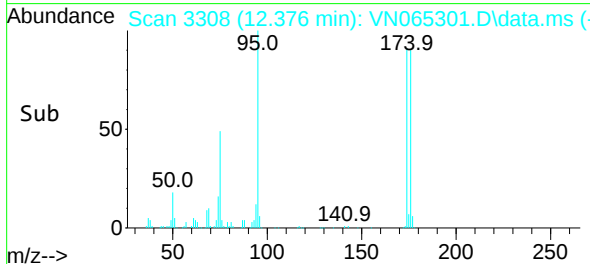
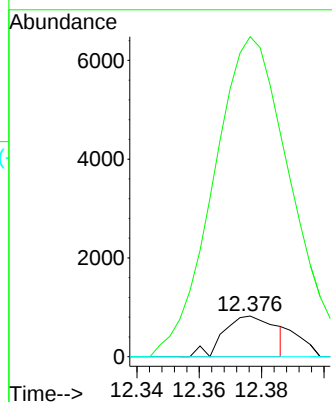
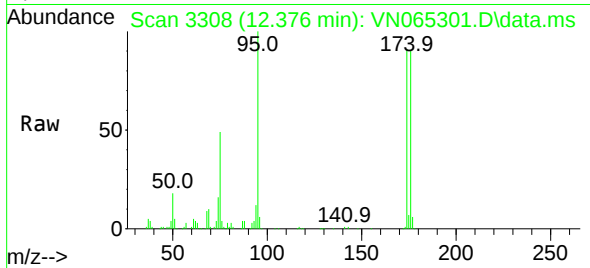




#71
Bromoform
Concen: 0.37 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

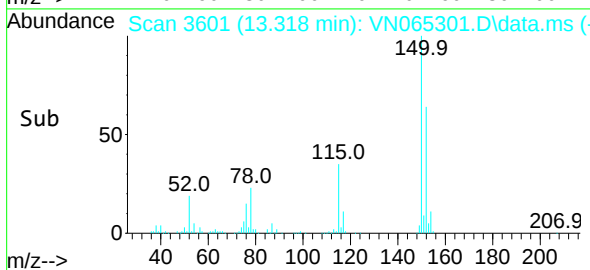
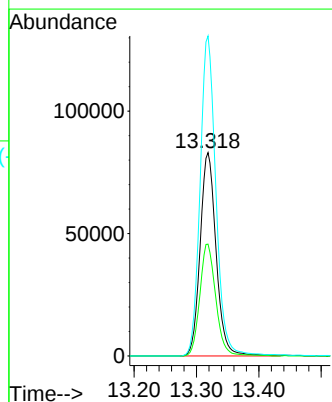
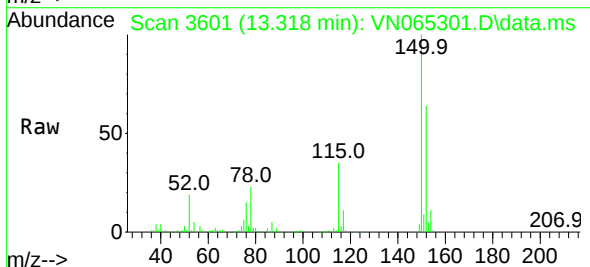
Instrument :
MSVOA_N
ClientSampled :
16882

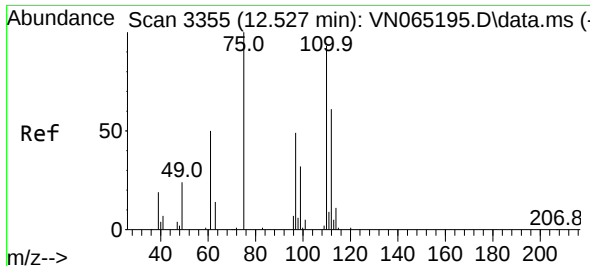
Tgt Ion:173 Resp: 949
Ion Ratio Lower Upper
173 100
175 951.9 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

Tgt Ion:152 Resp: 148115
Ion Ratio Lower Upper
152 100
115 54.9 29.7 89.1
150 155.3 0.0 350.6

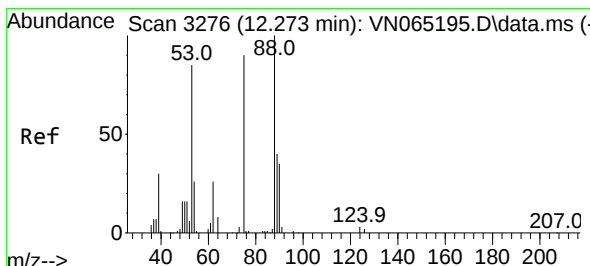
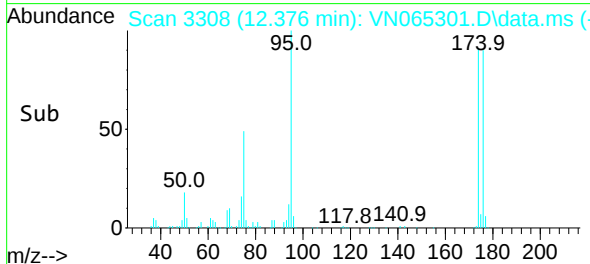
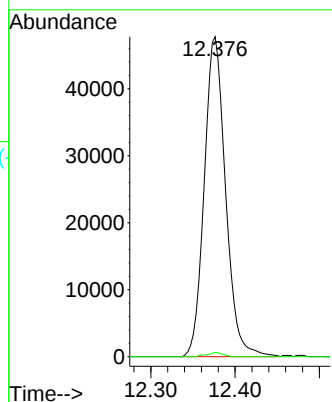
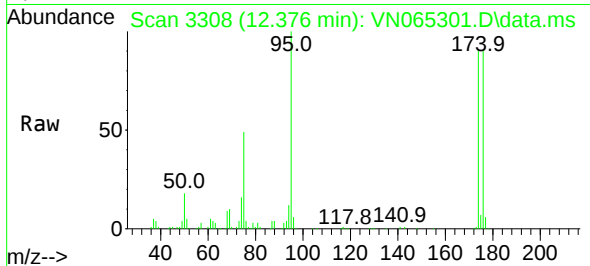




#76
1,2,3-Trichloropropane
Concen: 27.88 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

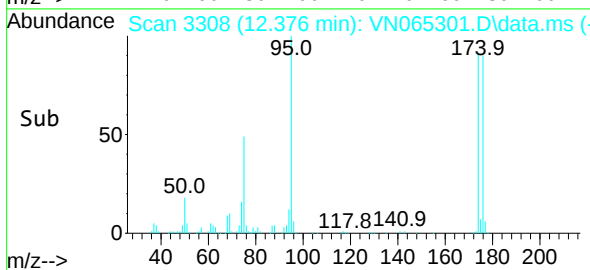
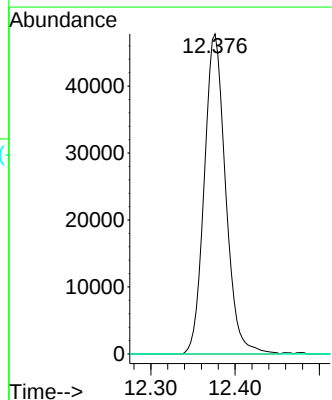
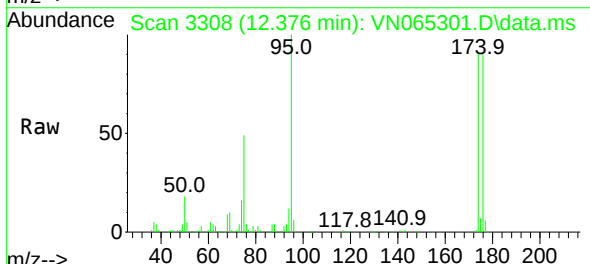
Instrument :
MSVOA_N
ClientSampled :
16882

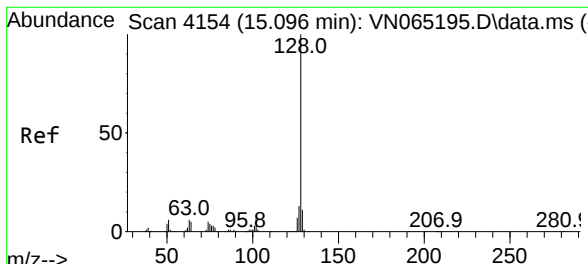
Tgt Ion: 75 Resp: 84234
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.29 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065301.D
Acq: 29 Dec 2020 12:42

Tgt Ion: 75 Resp: 84234
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
 Naphthalene
 Concen: 3.40 ug/l
 RT: 15.113 min Scan# 4159
 Delta R.T. 0.017 min
 Lab File: VN065301.D
 Acq: 29 Dec 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 16882

Tgt Ion:	128	Resp:	256
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

