

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121120\
 Data File : VN065080.D
 Acq On : 11 Dec 2020 19:39
 Operator : JC/MD
 Sample : L5038-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 04:23:25 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 12 04:18:15 2020
 Response via : Initial Calibration

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

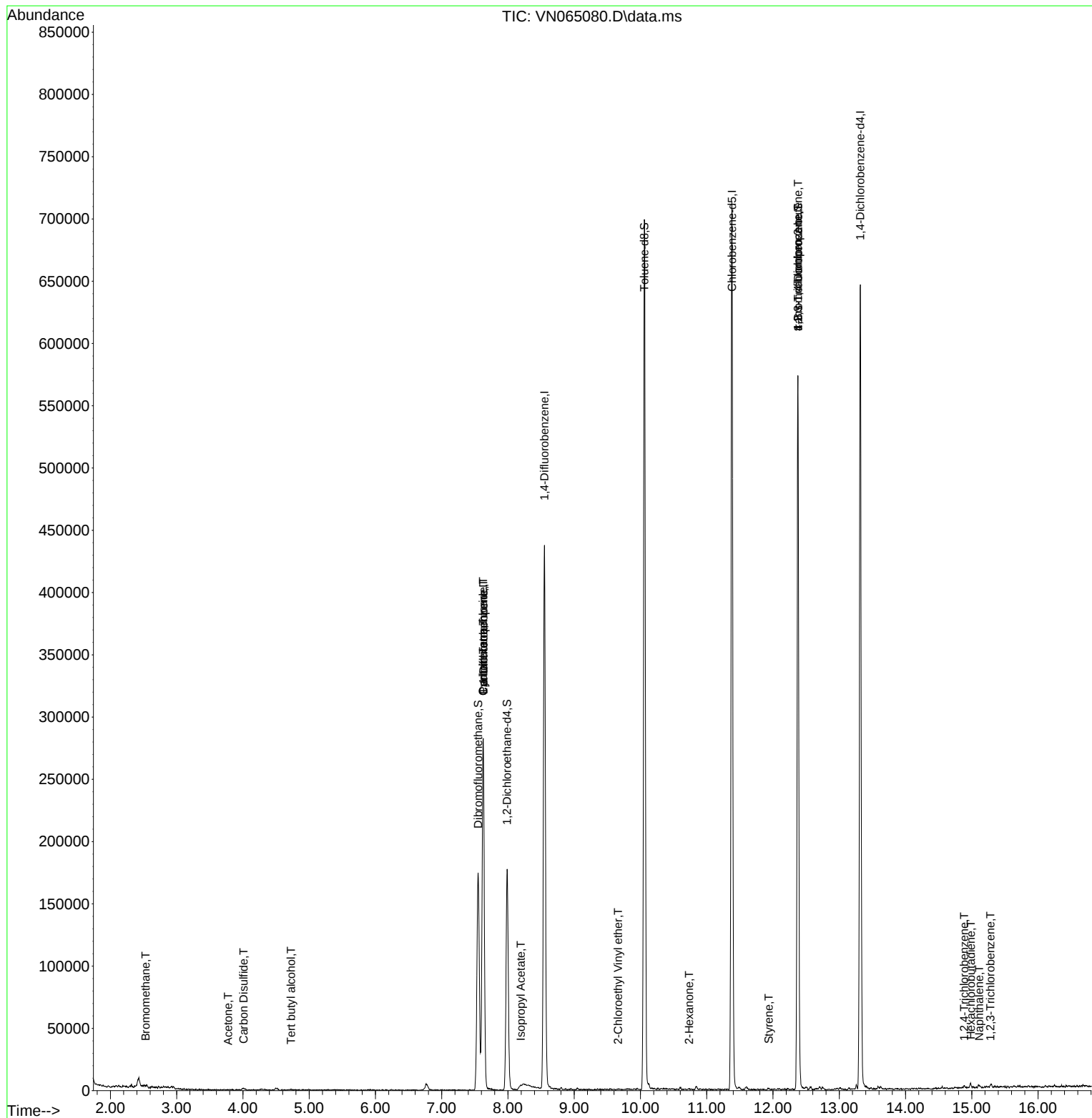
Internal Standards						
1) Pentafluorobenzene	7.627	168	235283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	390869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	418961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	179233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	155611	56.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	113.80%	
35) Dibromofluoromethane	7.550	113	131297	49.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	99.28%	
50) Toluene-d8	10.058	98	492435	51.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.376	95	186074	55.20	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	110.40%	
Target Compounds						
						Qvalue
5) Bromomethane	2.531	94	272	0.22	ug/l #	3
11) Tert butyl alcohol	4.727	59	74	0.22	ug/l #	73
16) Acetone	3.775	43	157	9.92	ug/l #	43
17) Carbon Disulfide	4.010	76	2400	0.40	ug/l #	75
20) Methylene Chloride	4.502	84	652	Below Cal	#	46
31) Cyclohexane	7.624	56	4998	1.42	ug/l #	28
36) 1,1-Dichloropropene	7.627	75	15940	4.47	ug/l #	49
38) Carbon Tetrachloride	7.624	117	22250	5.53	ug/l #	16
43) Isopropyl Acetate	8.193	43	3528	0.64	ug/l #	59
58) 2-Chloroethyl Vinyl ether	9.663	63	162	7.22	ug/l #	46
59) 2-Hexanone	10.733	43	349	8.72	ug/l	94
70) Styrene	11.936	104	566	1.90	ug/l #	42
76) 1,2,3-Trichloropropane	12.376	75	94891	28.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	94891	82.60	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.887	180	636	4.30	ug/l #	85
94) Hexachlorobutadiene	14.987	225	1042	0.57	ug/l	78
95) Naphthalene	15.113	128	2595	5.01	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.283	180	970	4.88	ug/l #	82

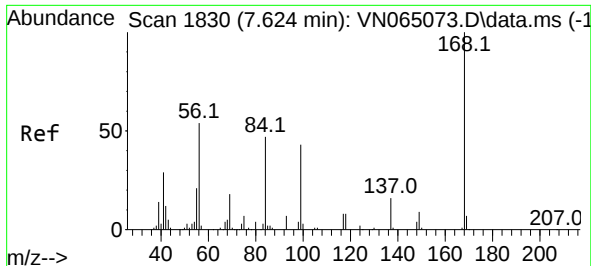
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Dec 12 04:18:15 2020
Response via : Initial Calibration

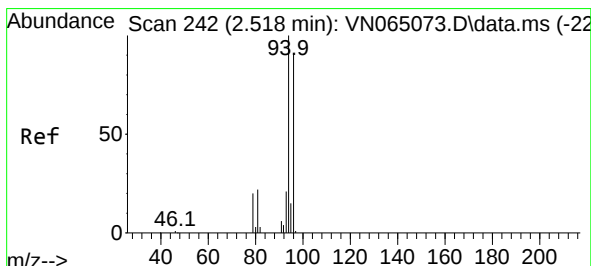
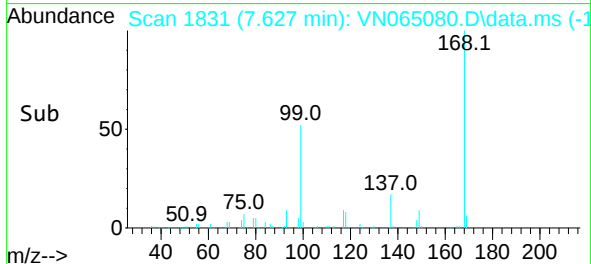
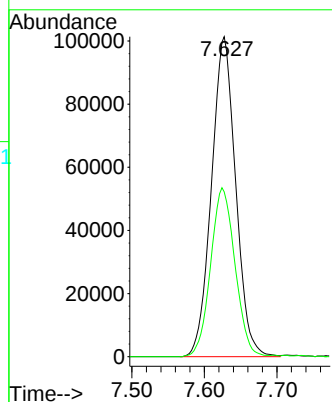
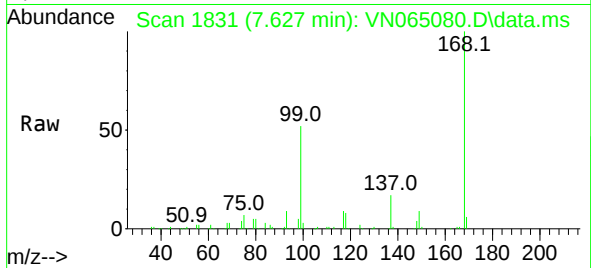




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.003 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

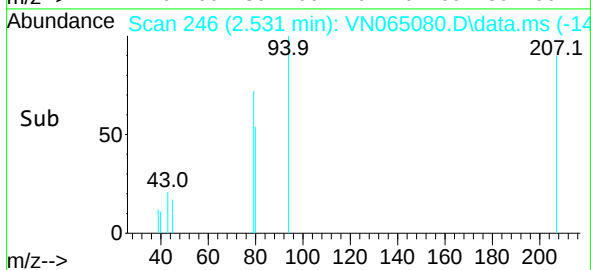
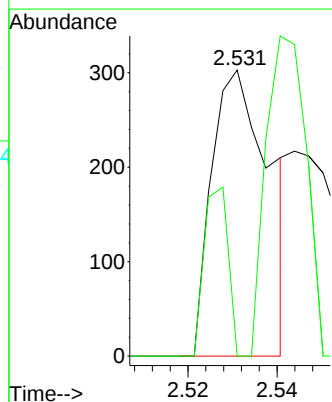
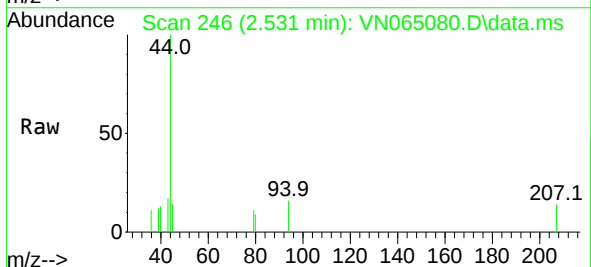
Instrument :
MSVOA_N
ClientSampled :

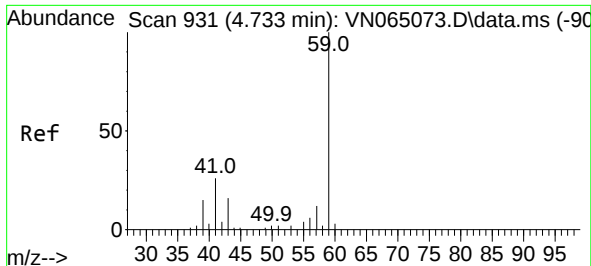
Tgt Ion:168 Resp: 235283
Ion Ratio Lower Upper
168 100
99 51.5 43.0 64.4



#5
Bromomethane
Concen: 0.22 ug/l
RT: 2.531 min Scan# 246
Delta R.T. 0.013 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

Tgt Ion: 94 Resp: 272
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.0#

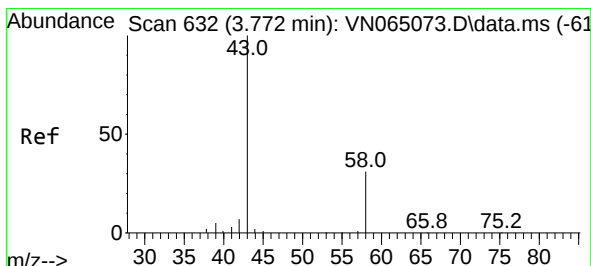
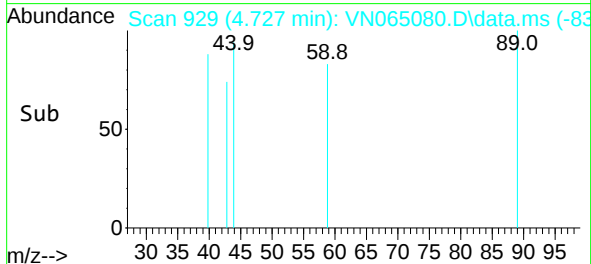
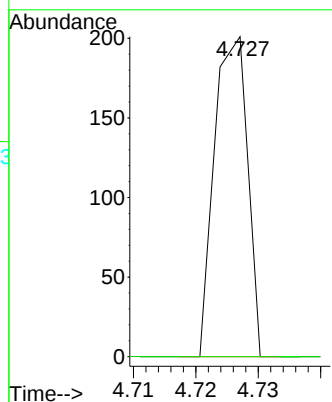
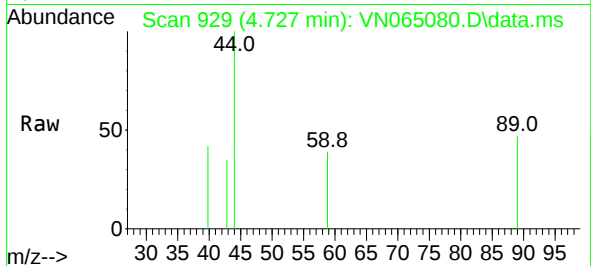




#11
Tert butyl alcohol
Concen: 0.22 ug/l
RT: 4.727 min Scan# 929
Delta R.T. -0.006 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

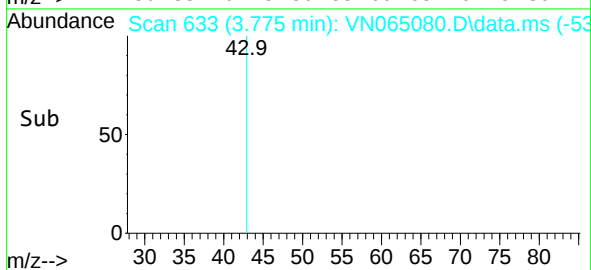
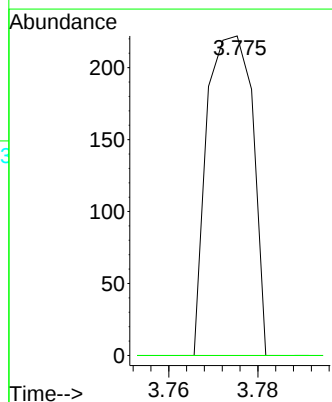
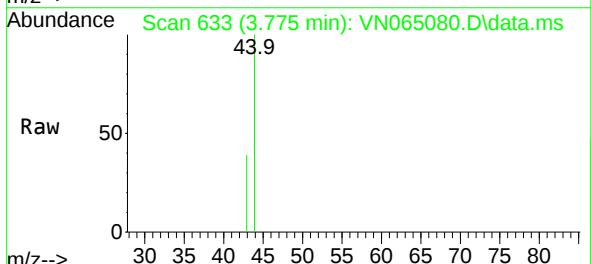
Instrument :
MSVOA_N
ClientSampled :

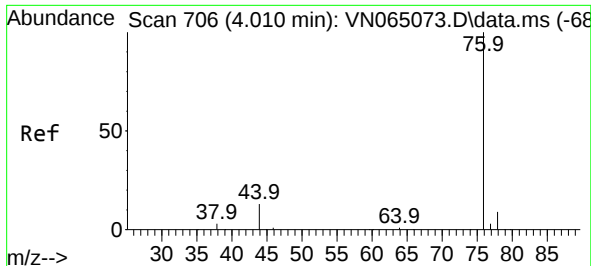
Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 9.92 ug/l
RT: 3.775 min Scan# 633
Delta R.T. 0.003 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

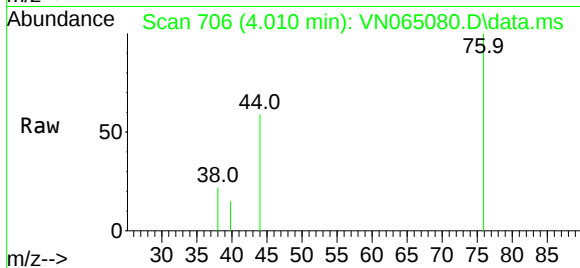
Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



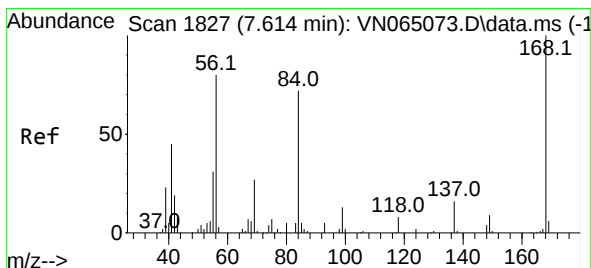
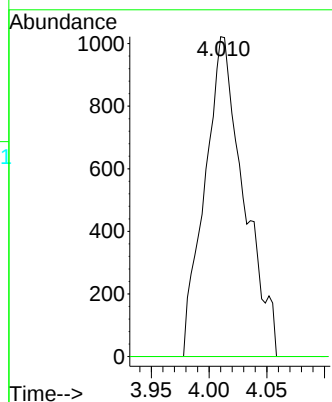
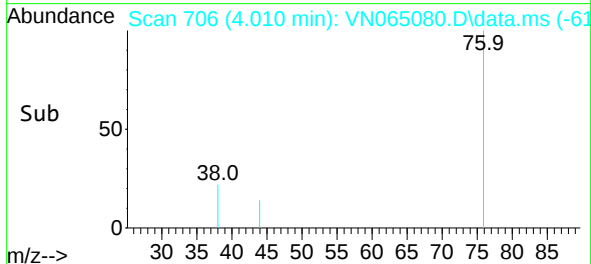


#17
Carbon Disulfide
Concen: 0.40 ug/l
RT: 4.010 min Scan# 706
Delta R.T. 0.000 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

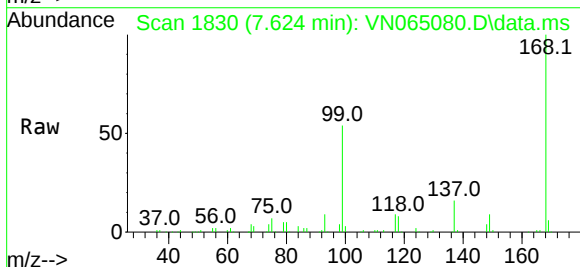
Instrument :
MSVOA_N
ClientSampled :



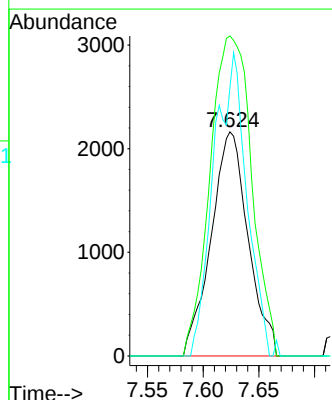
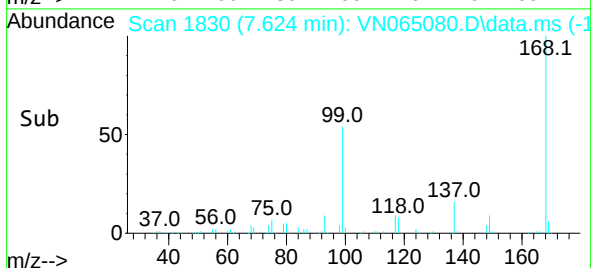
Tgt Ion: 76 Resp: 2400
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

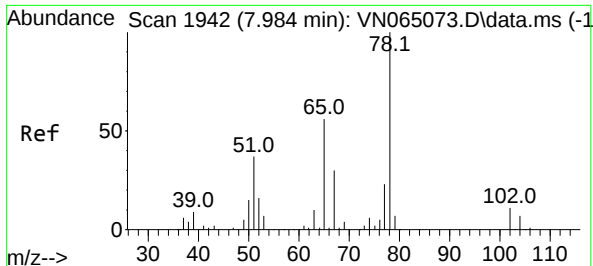


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.010 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39



Tgt Ion: 56 Resp: 4998
Ion Ratio Lower Upper
56 100
69 142.8 27.5 41.3#
84 119.8 73.9 110.9#

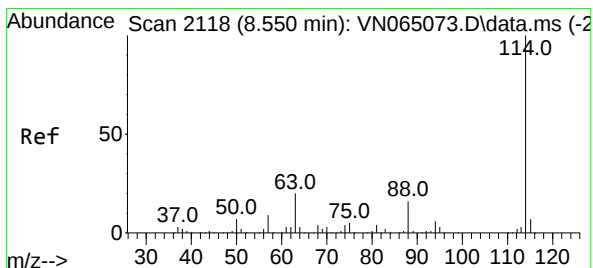
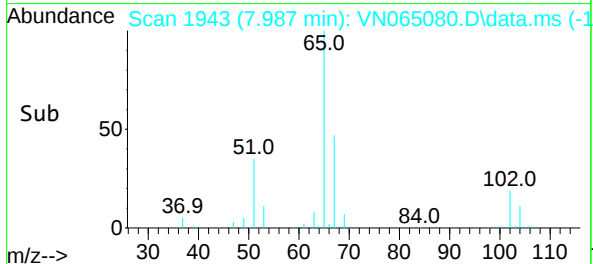
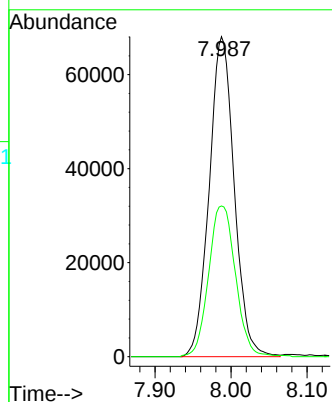
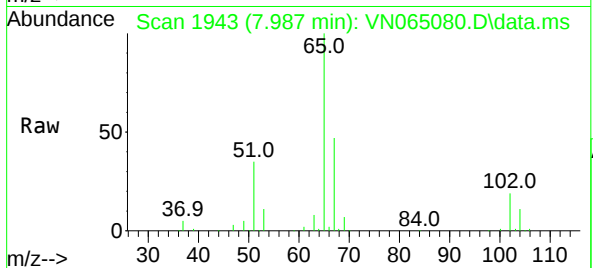




#33
1,2-Dichloroethane-d4
Concen: 56.90 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.003 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

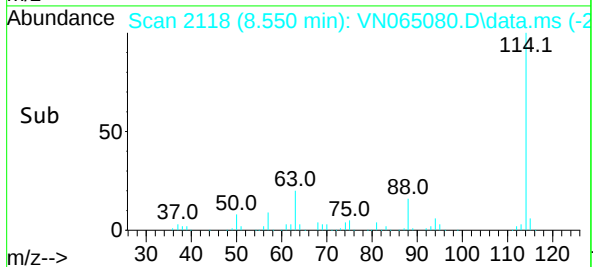
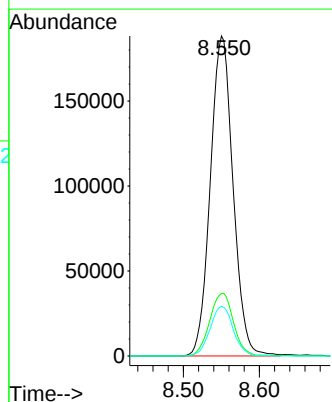
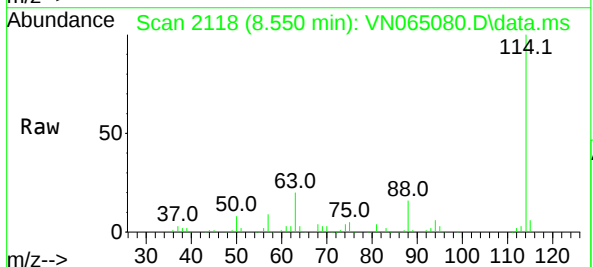
Instrument :
MSVOA_N
ClientSampled :

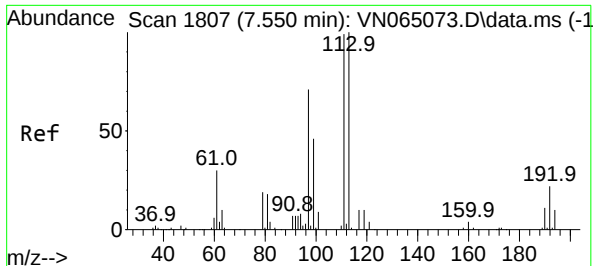
Tgt Ion: 65 Resp: 155611
Ion Ratio Lower Upper
65 100
67 50.5 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

Tgt Ion: 114 Resp: 390869
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.5 0.0 32.6

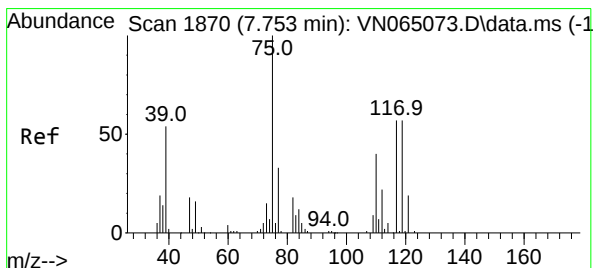
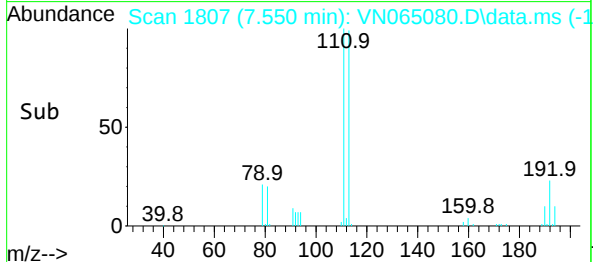
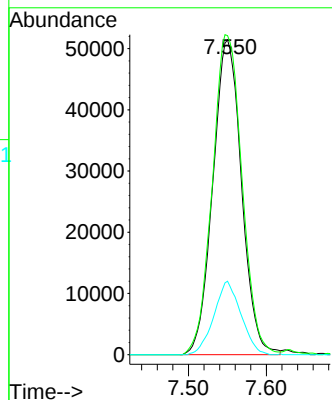
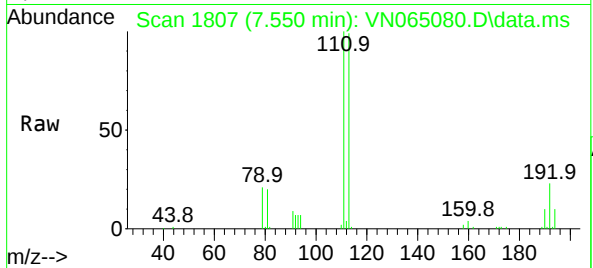




#35
Dibromofluoromethane
Concen: 49.64 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

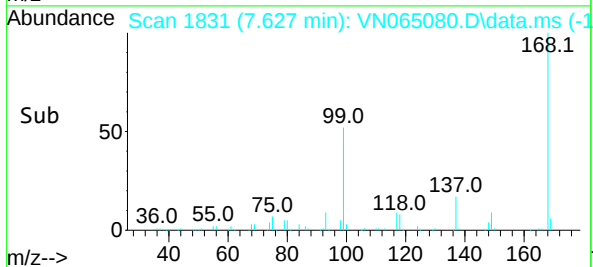
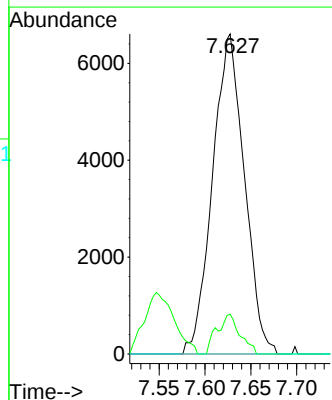
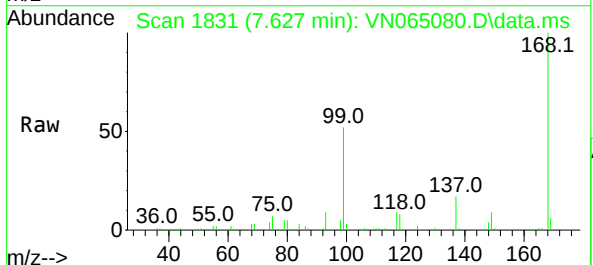
Instrument :
MSVOA_N
ClientSampled :

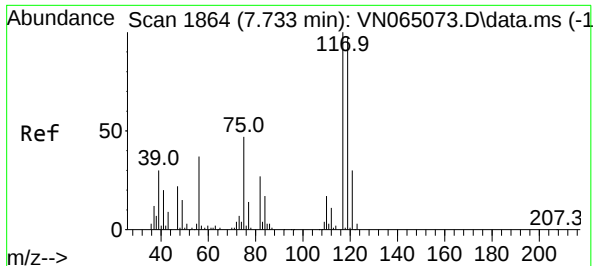
Tgt Ion:113 Resp: 131297
Ion Ratio Lower Upper
113 100
111 105.1 81.6 122.4
192 22.0 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

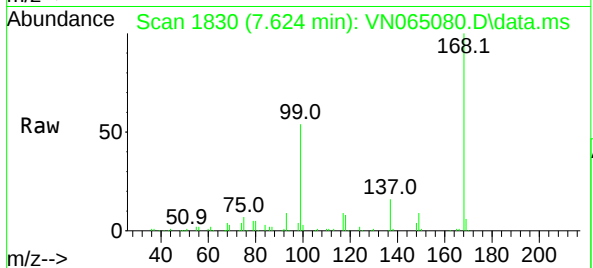
Tgt Ion: 75 Resp: 15940
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#



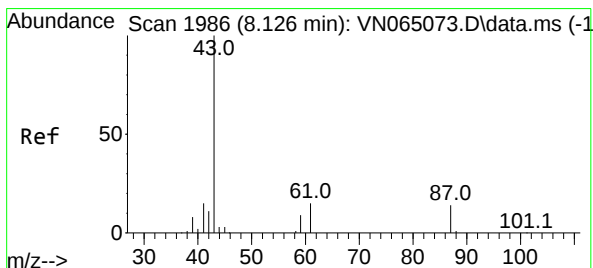
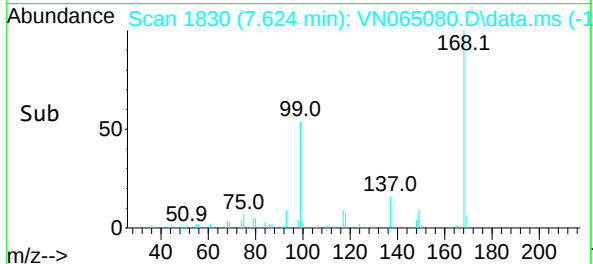
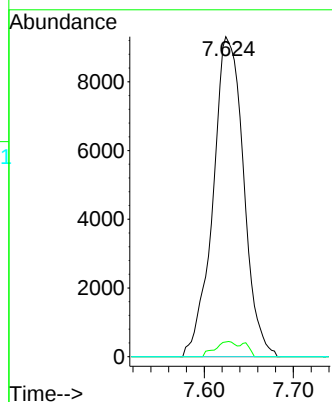


#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

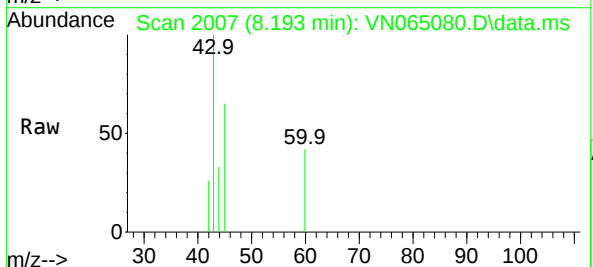
Instrument :
MSVOA_N
ClientSampled :



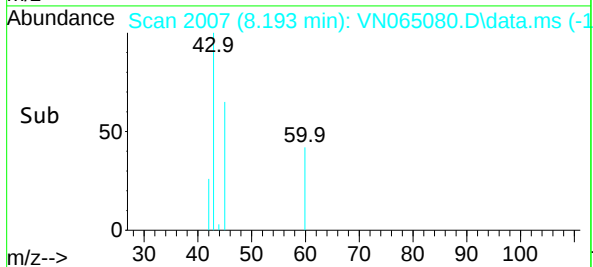
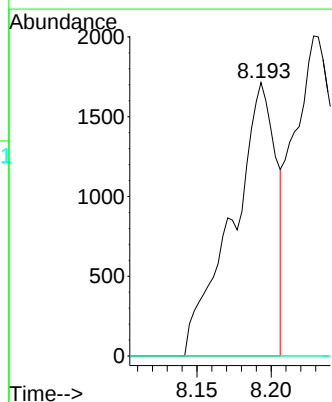
Tgt Ion:117 Resp: 22250
Ion Ratio Lower Upper
117 100
119 4.6 76.7 115.1#
121 0.0 25.4 38.2#

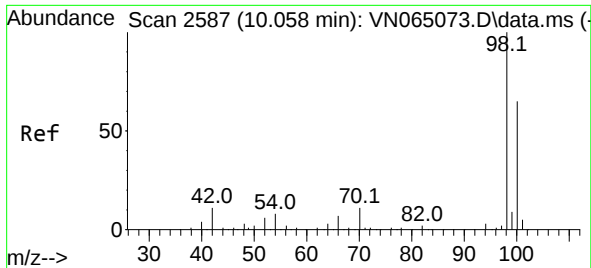


#43
Isopropyl Acetate
Concen: 0.64 ug/l
RT: 8.193 min Scan# 2007
Delta R.T. 0.067 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39



Tgt Ion: 43 Resp: 3528
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#

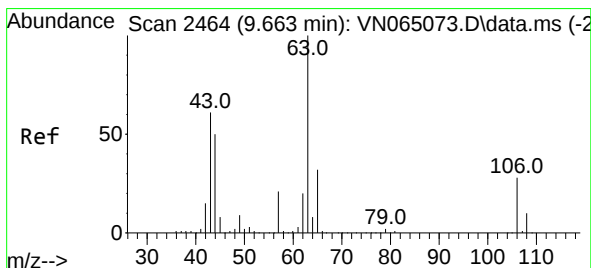
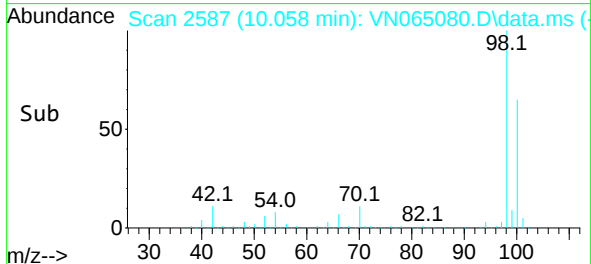
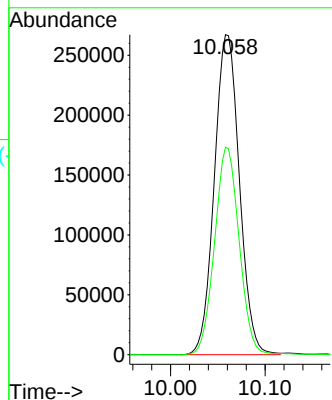
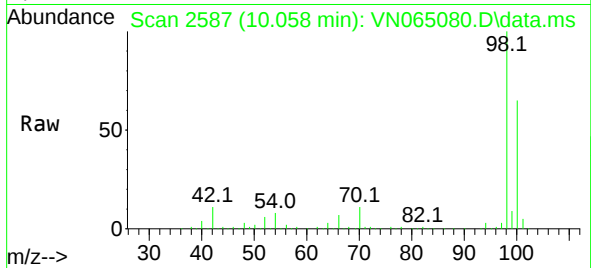




#50
Toluene-d8
Concen: 51.30 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

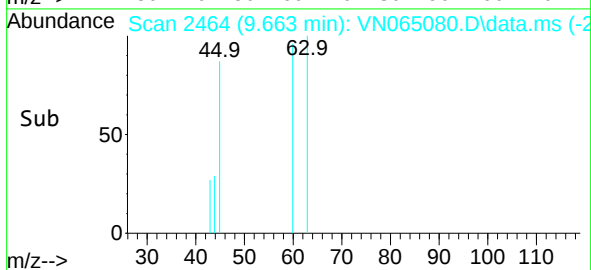
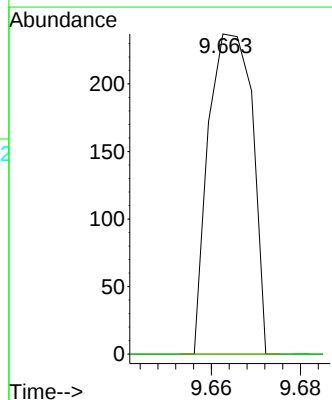
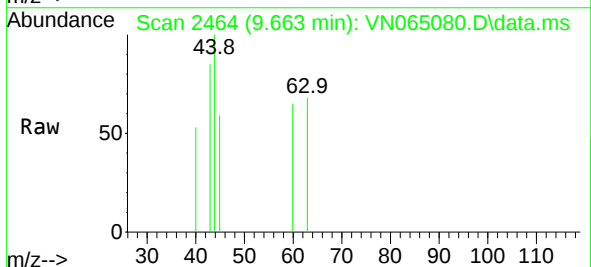
Instrument :
MSVOA_N
ClientSampled :

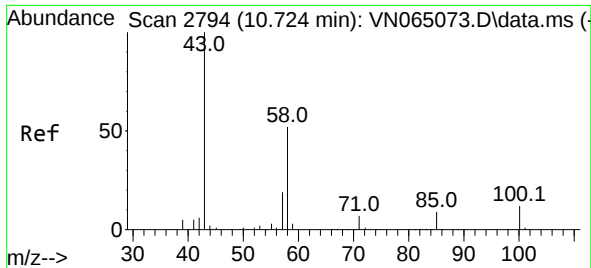
Tgt Ion: 98 Resp: 492435
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#58
2-Chloroethyl Vinyl ether
Concen: 7.22 ug/l
RT: 9.663 min Scan# 2464
Delta R.T. -0.000 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

Tgt Ion: 63 Resp: 162
Ion Ratio Lower Upper
63 100
106 0.0 22.7 34.1#

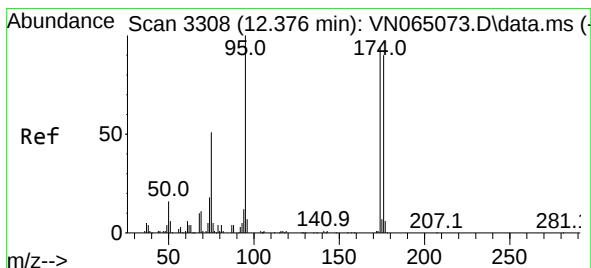
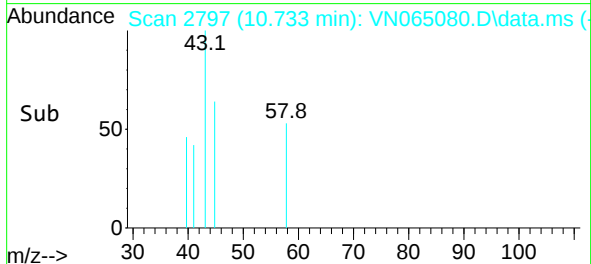
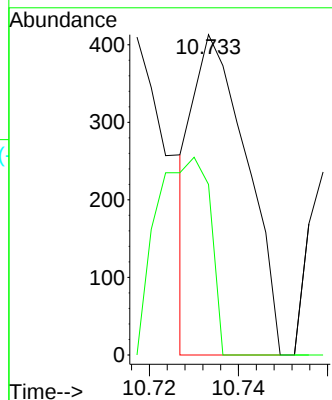
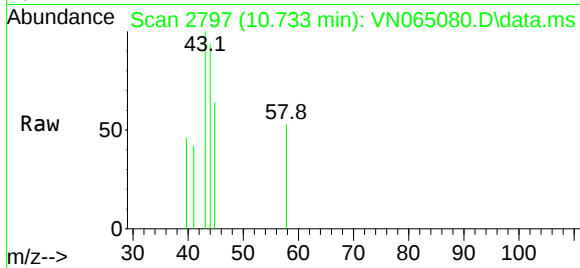




#59
2-Hexanone
Concen: 8.72 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.009 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

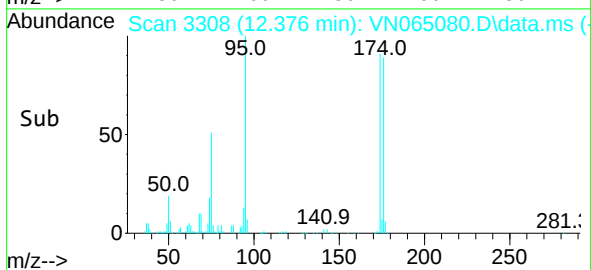
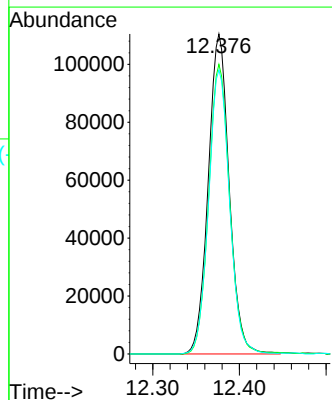
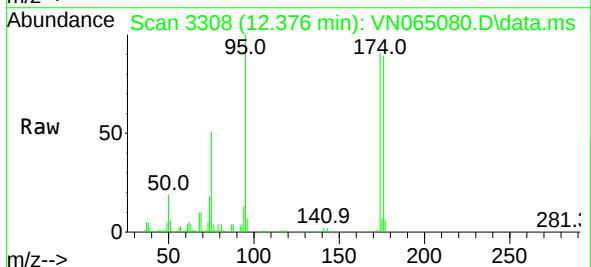
Instrument :
MSVOA_N
ClientSampled :

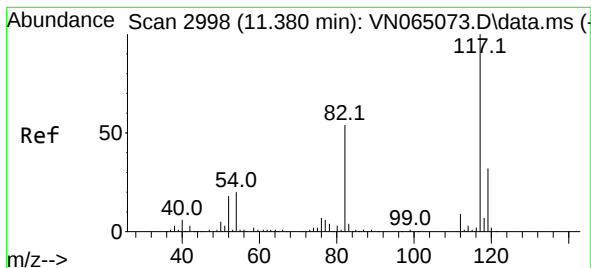
Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
58 61.3 28.3 84.9



#62
4-Bromofluorobenzene
Concen: 55.20 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

Tgt Ion: 95 Resp: 186074
Ion Ratio Lower Upper
95 100
174 90.2 0.0 160.4
176 88.8 0.0 158.4

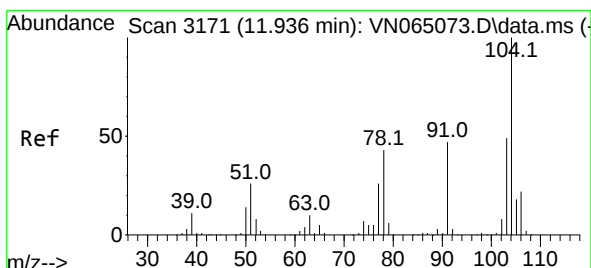
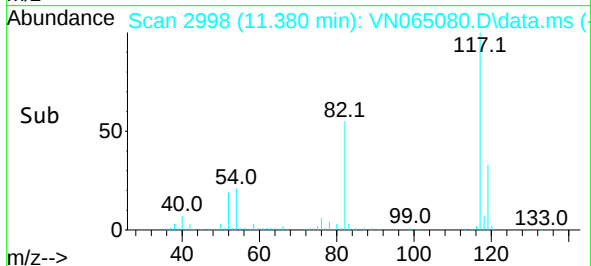
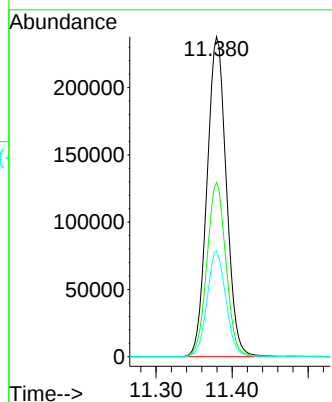
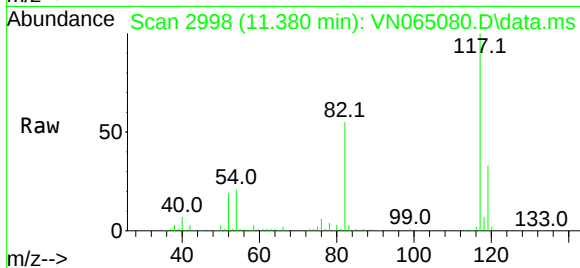




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

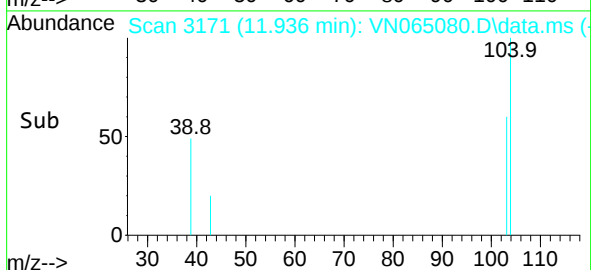
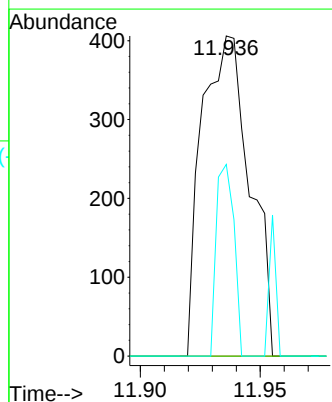
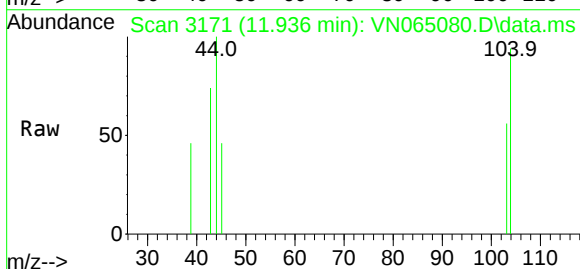
Instrument :
MSVOA_N
ClientSampled :

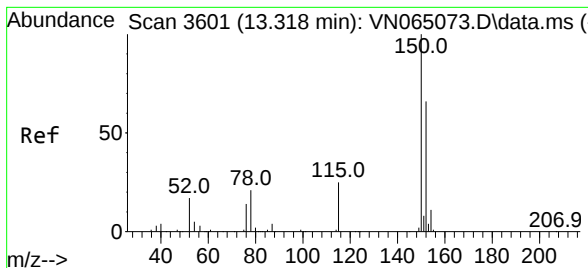
Tgt Ion:117 Resp: 418961
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 33.1 25.8 38.6



#70
Styrene
Concen: 1.90 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

Tgt Ion:104 Resp: 566
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.6#
103 21.9 44.3 66.5#

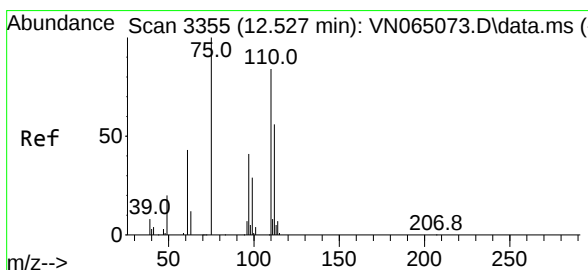
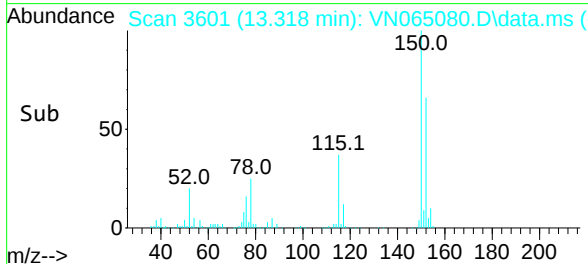
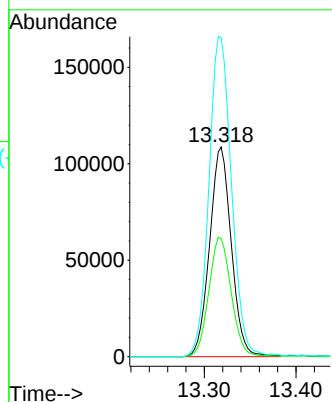
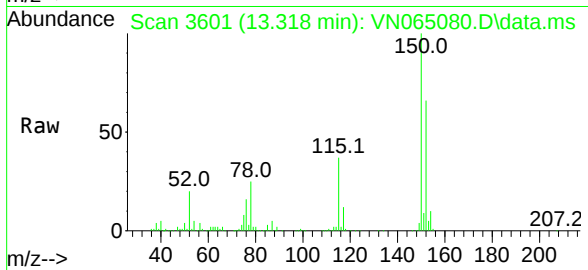




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

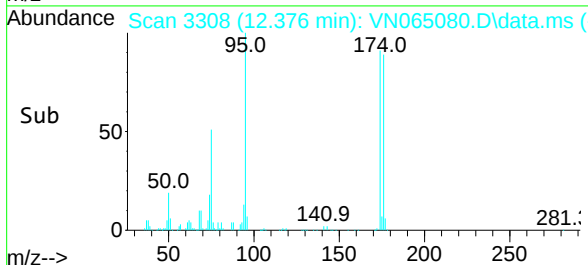
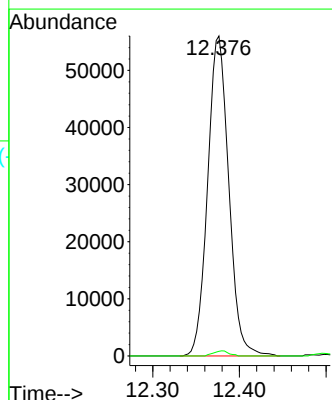
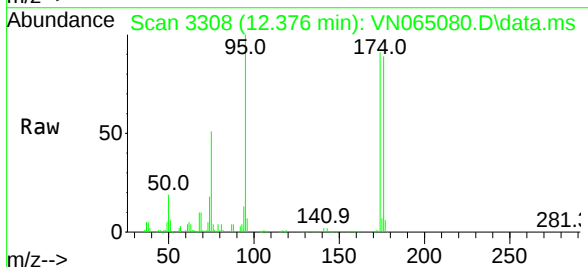
Instrument :
MSVOA_N
ClientSampleId :

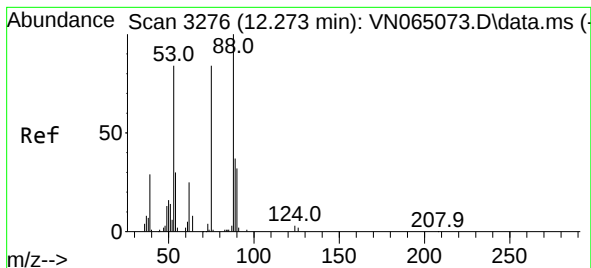
Tgt Ion:152 Resp: 179233
Ion Ratio Lower Upper
152 100
115 58.7 29.7 89.1
150 157.9 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 28.62 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

Tgt Ion: 75 Resp: 94891
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

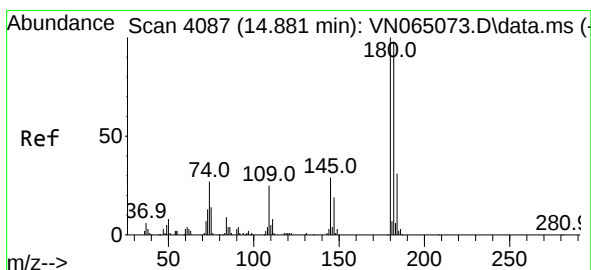
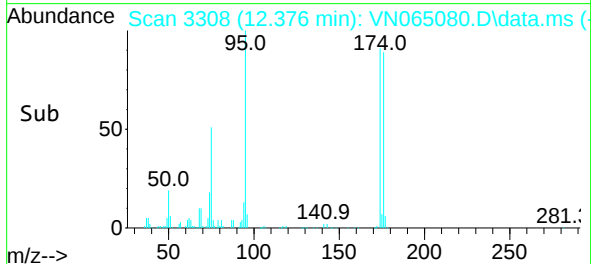
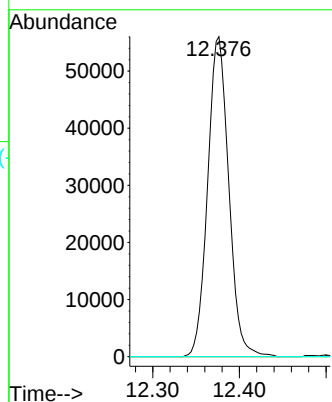
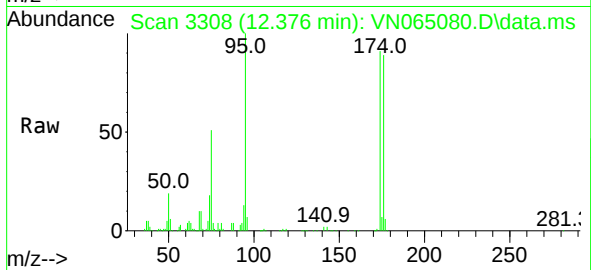




#81
trans-1,4-Dichloro-2-butene
Concen: 82.60 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

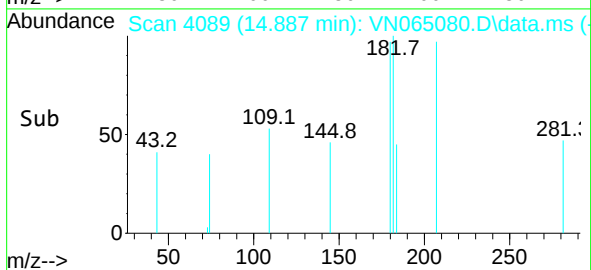
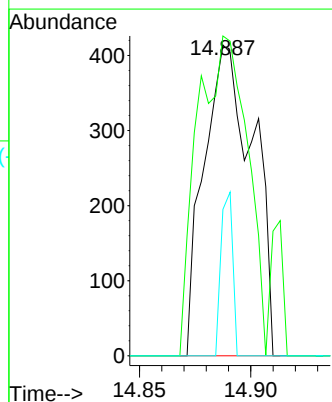
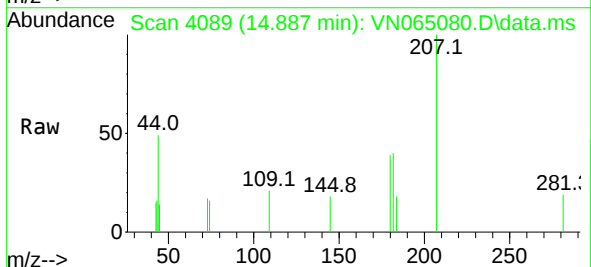
Instrument :
MSVOA_N
ClientSampled :

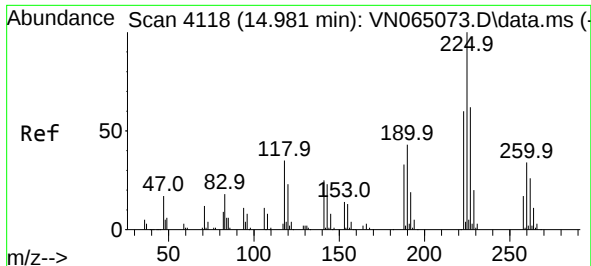
Tgt Ion: 75 Resp: 94891
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#



#93
1,2,4-Trichlorobenzene
Concen: 4.30 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.006 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

Tgt Ion: 180 Resp: 636
Ion Ratio Lower Upper
180 100
182 104.2 47.6 142.9
145 12.6 15.3 45.8#

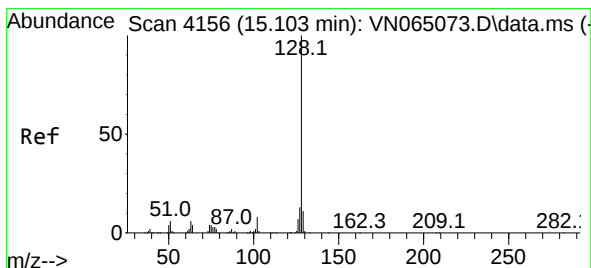
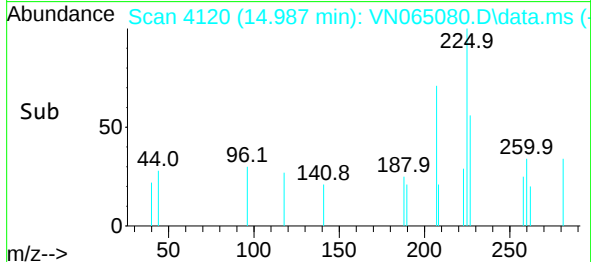
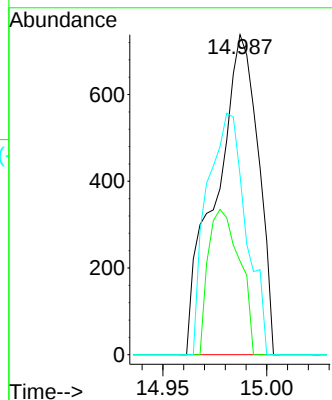
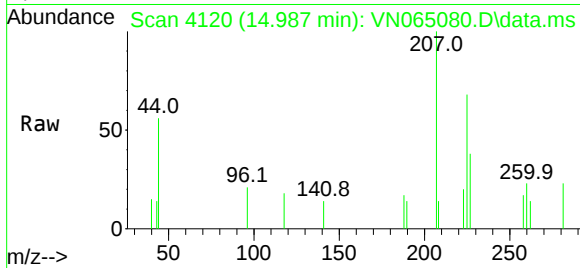




#94
Hexachlorobutadiene
Concen: 0.57 ug/l
RT: 14.987 min Scan# 4120
Delta R.T. 0.006 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

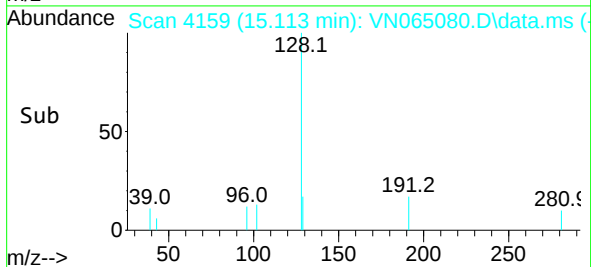
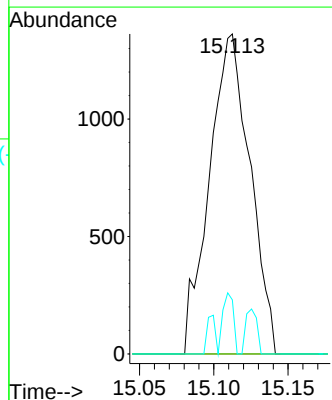
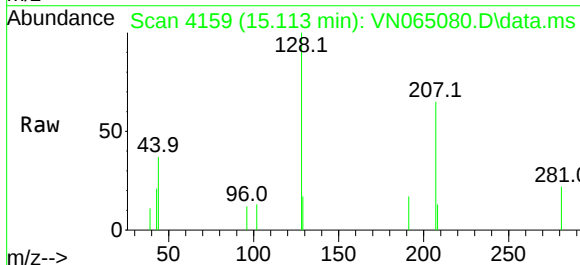
Instrument :
MSVOA_N
ClientSampled :

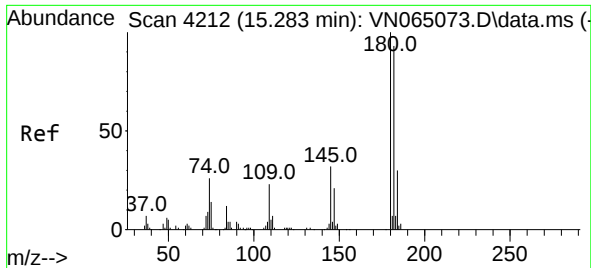
Tgt Ion:225 Resp: 1042
Ion Ratio Lower Upper
225 100
223 33.7 31.0 93.0
227 69.6 32.0 96.0



#95
Naphthalene
Concen: 5.01 ug/l
RT: 15.113 min Scan# 4159
Delta R.T. 0.010 min
Lab File: VN065080.D
Acq: 11 Dec 2020 19:39

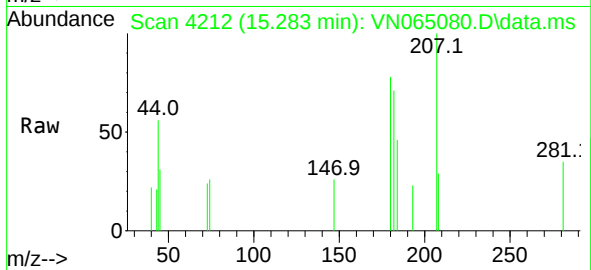
Tgt Ion:128 Resp: 2595
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 5.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 4.88 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. -0.000 min
 Lab File: VN065080.D
 Acq: 11 Dec 2020 19:39

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	970
Ion	Ratio	Lower	Upper
180	100		
182	108.0	48.1	144.4
145	13.0	16.4	49.1#

