

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
 Data File : VN065296.D
 Acq On : 29 Dec 2020 10:22
 Operator : JC/MD
 Sample : VN1229MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229MBL01

Quant Time: Dec 30 00:53:27 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)

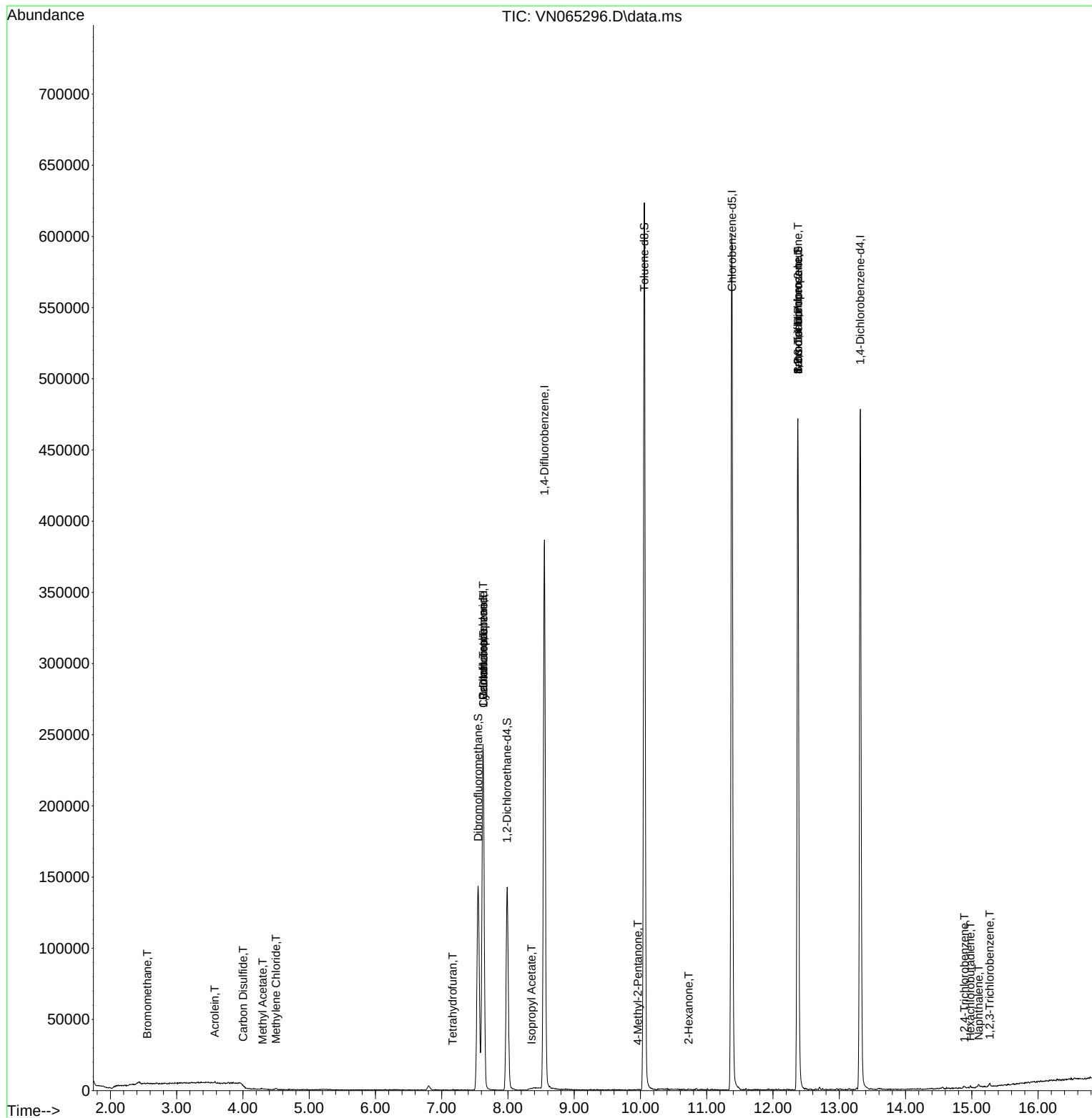
Internal Standards						
1) Pentafluorobenzene	7.624	168	218974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	365751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	375916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	146607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	124325	50.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.58%			
35) Dibromofluoromethane	7.550	113	110699	50.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.34%			
50) Toluene-d8	10.058	98	451222	54.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.12%			
62) 4-Bromofluorobenzene	12.376	95	169603	51.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.32%			
Target Compounds						Qvalue
5) Bromomethane	2.557	94	355	0.21	ug/l #	71
13) Acrolein	3.576	56	223	3.22	ug/l	93
16) Acetone	3.772	43	304	Below Cal	#	43
17) Carbon Disulfide	4.004	76	1748	0.32	ug/l #	75
18) Methyl Acetate	4.300	43	657	0.30	ug/l #	50
20) Methylene Chloride	4.499	84	539	0.22	ug/l #	72
29) Tetrahydrofuran	7.168	42	274	0.31	ug/l #	32
31) Cyclohexane	7.627	56	3680	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	14561	4.38	ug/l #	48
38) Carbon Tetrachloride	7.624	117	19142	5.48	ug/l #	17
43) Isopropyl Acetate	8.357	43	1617	0.28	ug/l #	59
51) 4-Methyl-2-Pentanone	9.958	43	872	0.27	ug/l #	35
59) 2-Hexanone	10.727	43	1056	0.45	ug/l #	23
71) Bromoform	12.376	173	1095	0.43	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	82342	27.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	82342	69.42	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.891	180	655	3.05	ug/l #	83
94) Hexachlorobutadiene	14.981	225	457	0.25	ug/l	69
95) Naphthalene	15.106	128	2919	3.73	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.270	180	1148	3.62	ug/l	88

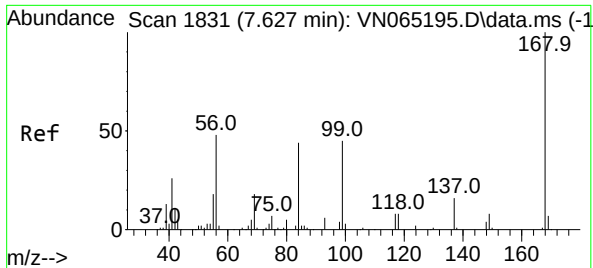
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122920\
Data File : VN065296.D
Acq On : 29 Dec 2020 10:22
Operator : JC/MD
Sample : VN1229MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

Quant Time: Dec 30 00:53:27 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

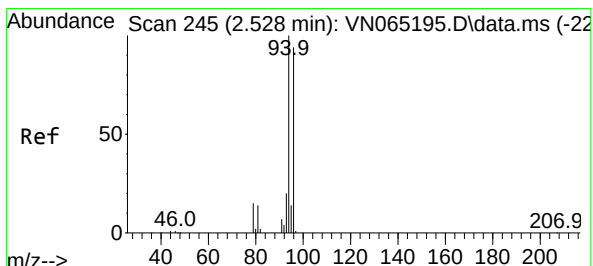
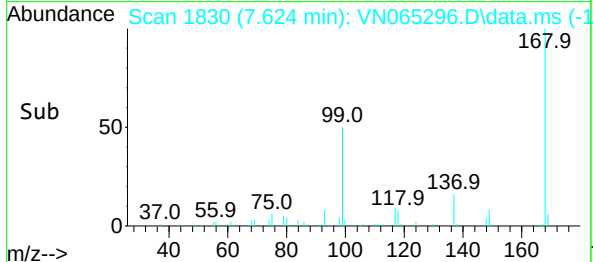
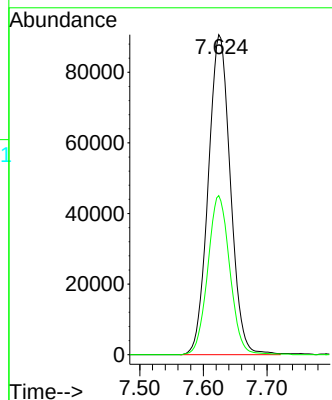
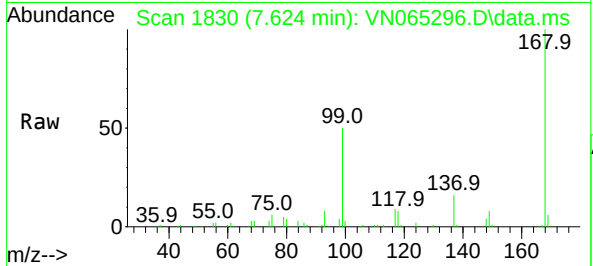




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

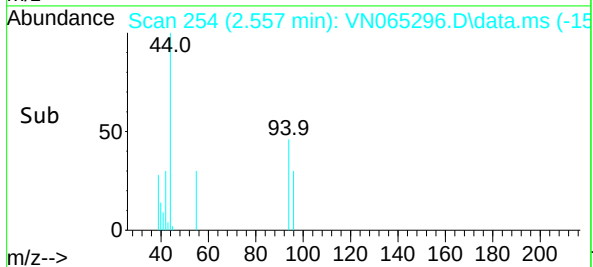
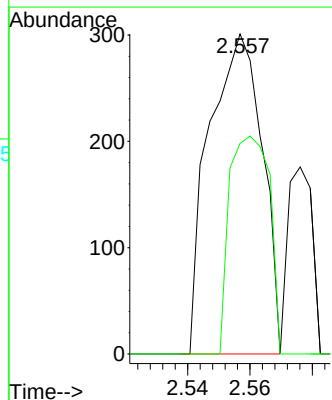
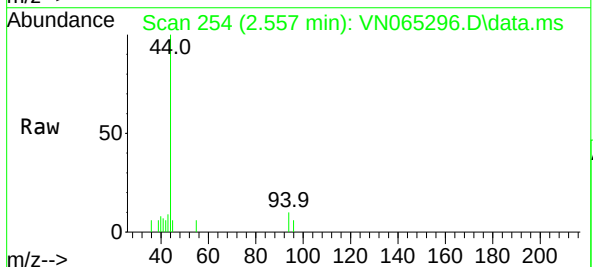
Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

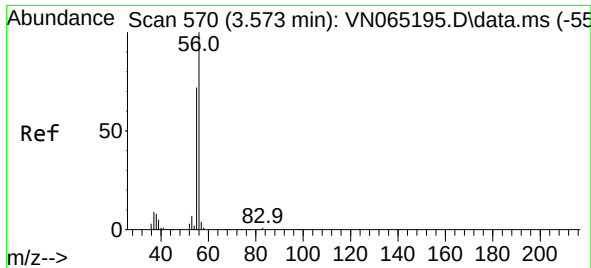
Tgt Ion:168 Resp: 218974
Ion Ratio Lower Upper
168 100
99 49.7 43.0 64.4



#5
Bromomethane
Concen: 0.21 ug/l
RT: 2.557 min Scan# 254
Delta R.T. 0.029 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion: 94 Resp: 355
Ion Ratio Lower Upper
94 100
96 65.8 75.4 113.0#

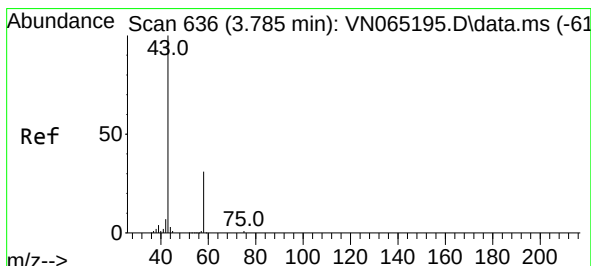
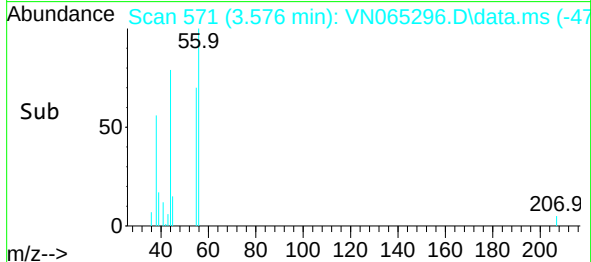
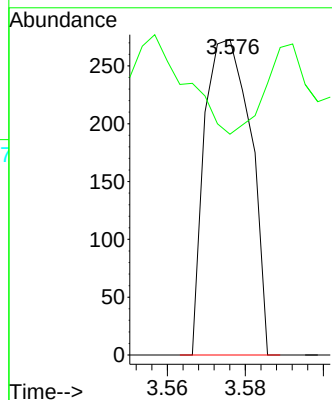
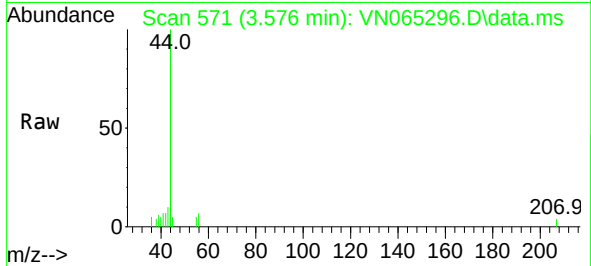




#13
Acrolein
Concen: 3.22 ug/l
RT: 3.576 min Scan# 571
Delta R.T. 0.003 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

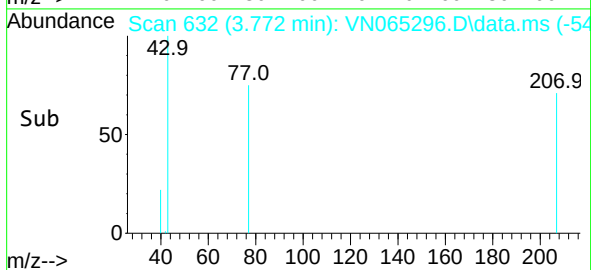
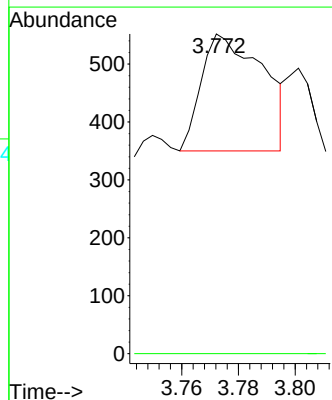
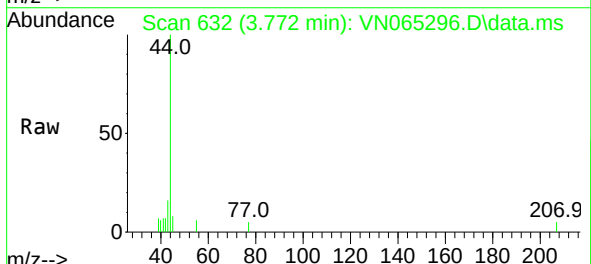
Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

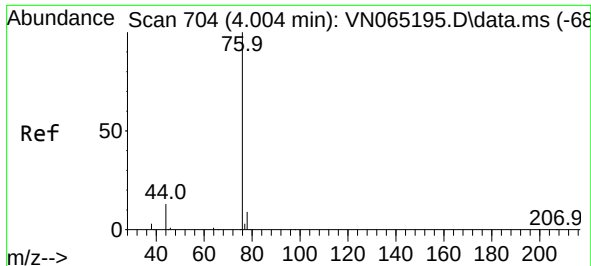
Tgt Ion: 56 Resp: 223
Ion Ratio Lower Upper
56 100
55 65.0 56.5 84.7



#16
Acetone
Concen: Below Cal
RT: 3.772 min Scan# 632
Delta R.T. -0.013 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#

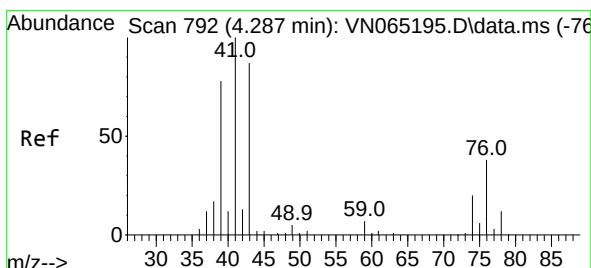
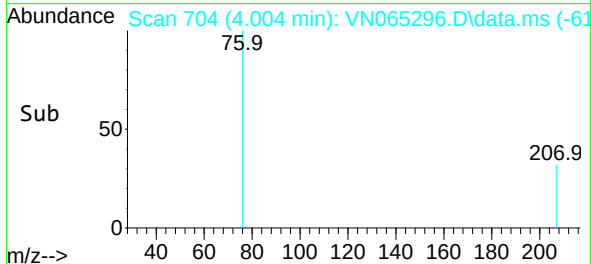
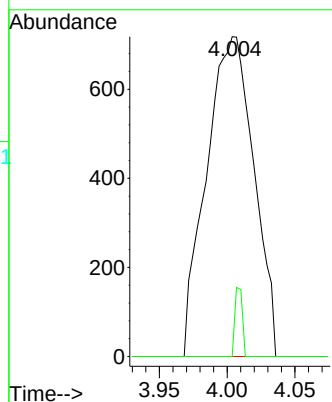
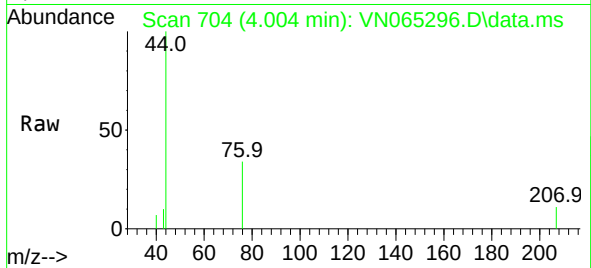




#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 4.004 min Scan# 704
Delta R.T. -0.000 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

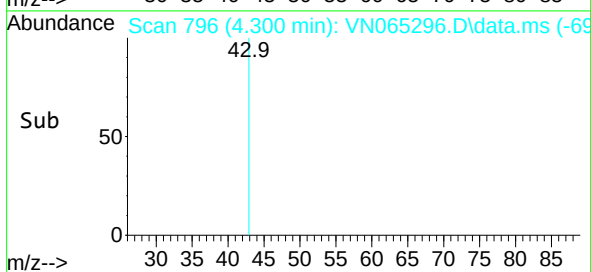
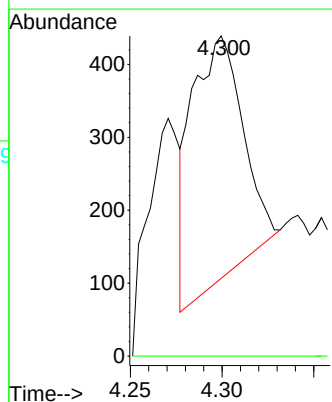
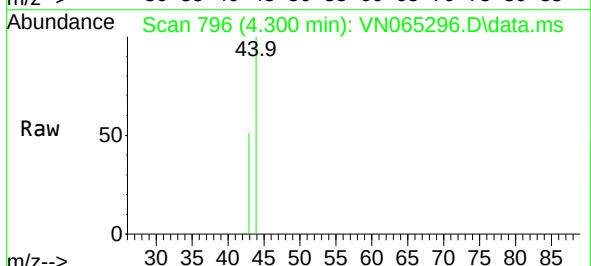
Instrument :
MSVOA_N
ClientSampled :
VN1229MBL01

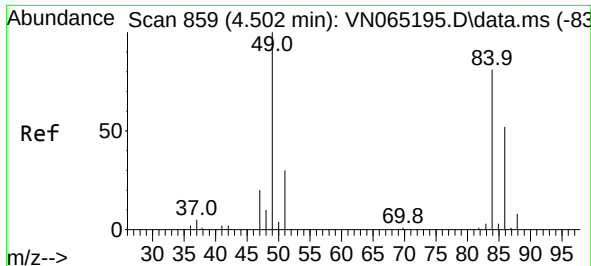
Tgt Ion: 76 Resp: 1748
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 0.30 ug/l
RT: 4.300 min Scan# 796
Delta R.T. 0.013 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

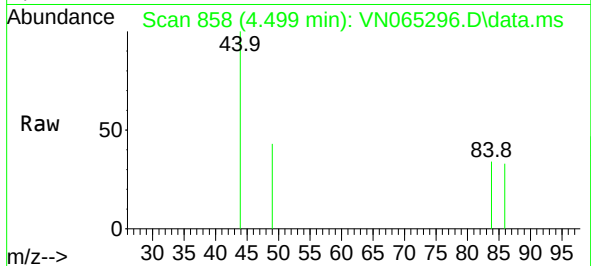
Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





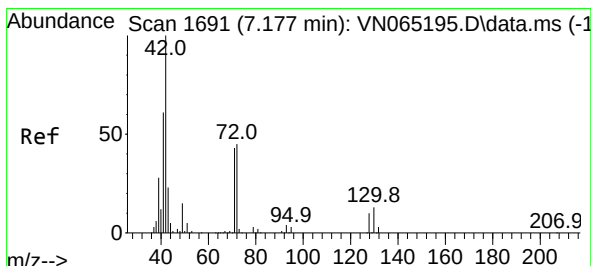
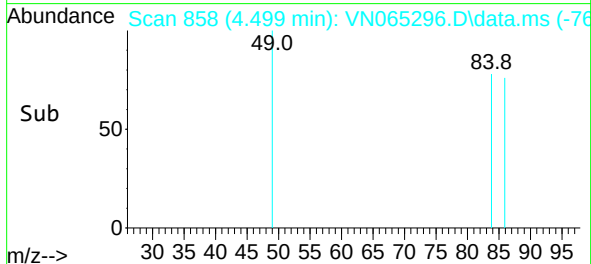
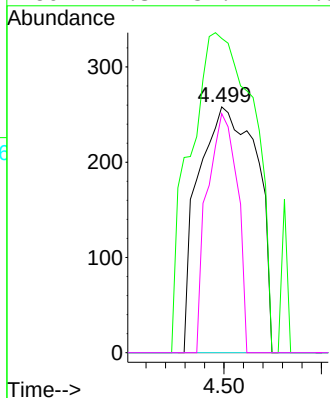
#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 4.499 min Scan# 858
Delta R.T. -0.003 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

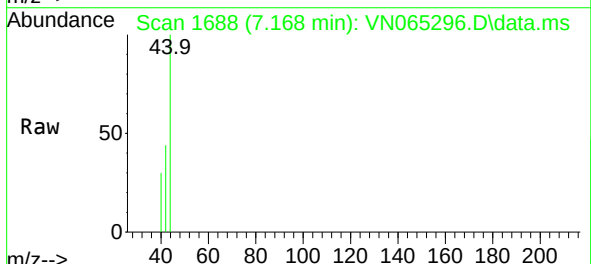


Tgt Ion: 84 Resp: 539

Ion	Ratio	Lower	Upper
84	100		
49	127.9	93.4	140.0
51	0.0	28.2	42.4#
86	97.3	51.7	77.5#

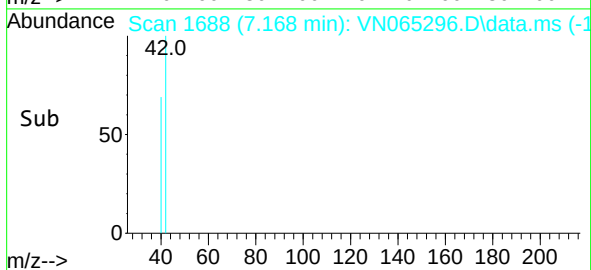
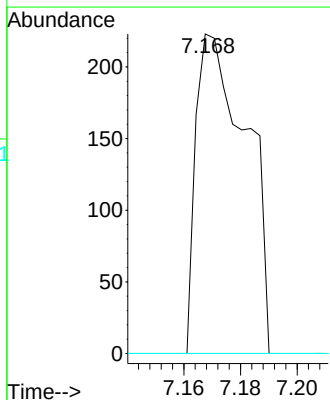


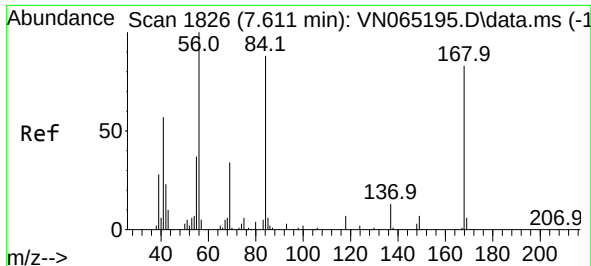
#29
Tetrahydrofuran
Concen: 0.31 ug/l
RT: 7.168 min Scan# 1688
Delta R.T. -0.009 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22



Tgt Ion: 42 Resp: 274

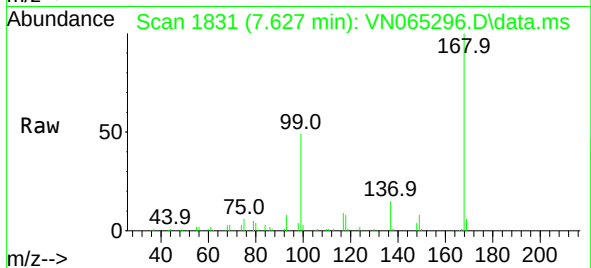
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	0.0	33.6	50.4#



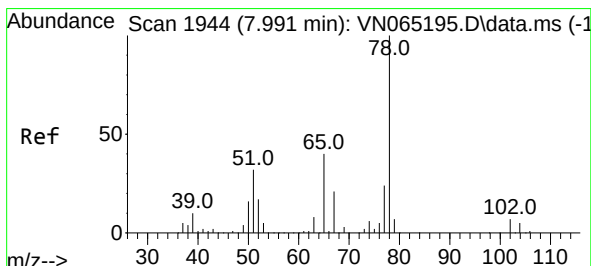
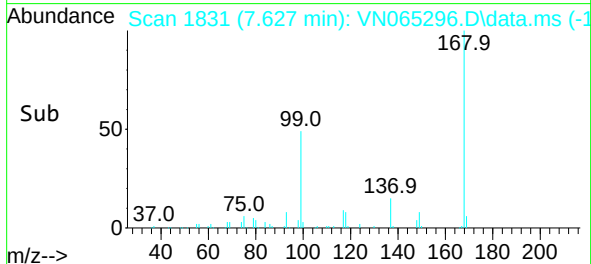
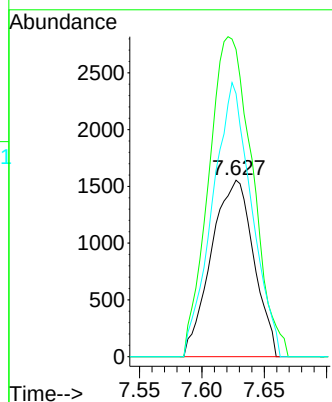


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

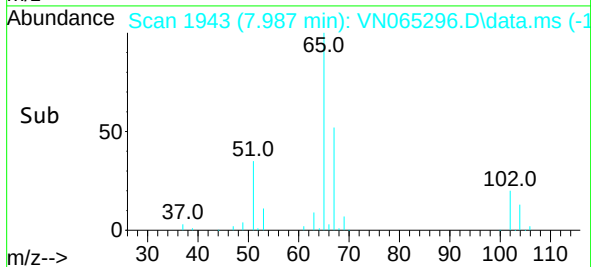
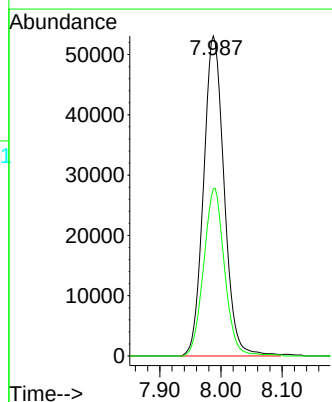
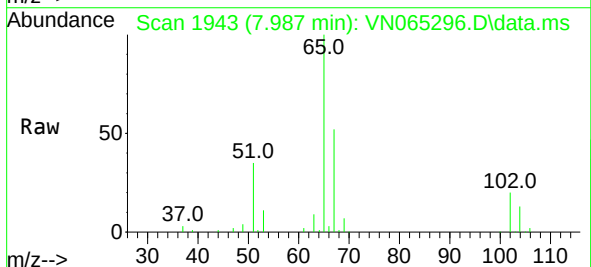


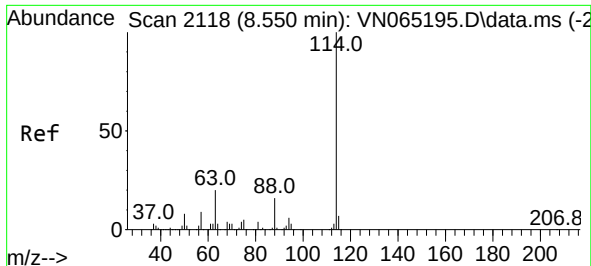
Tgt Ion: 56 Resp: 3680
Ion Ratio Lower Upper
56 100
69 174.1 27.5 41.3#
84 149.1 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 50.29 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. -0.004 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion: 65 Resp: 124325
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2

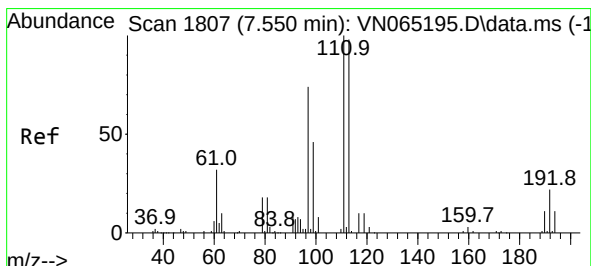
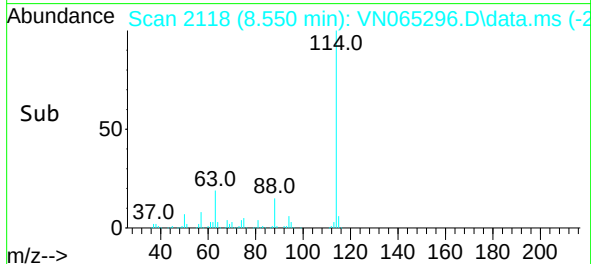
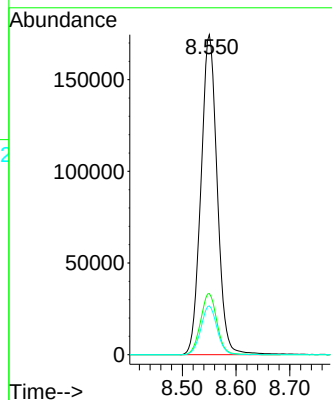
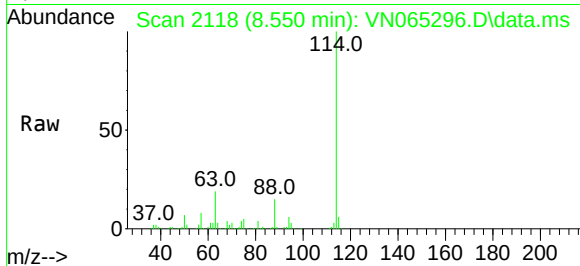




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

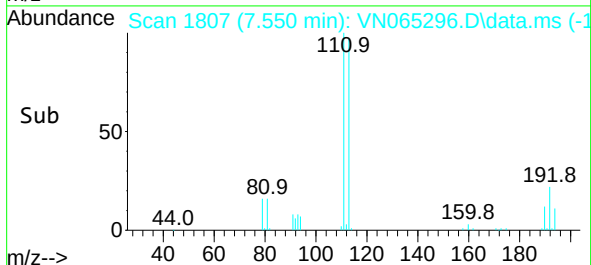
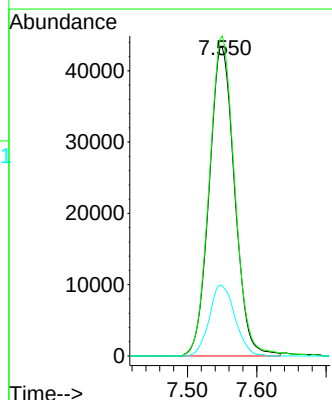
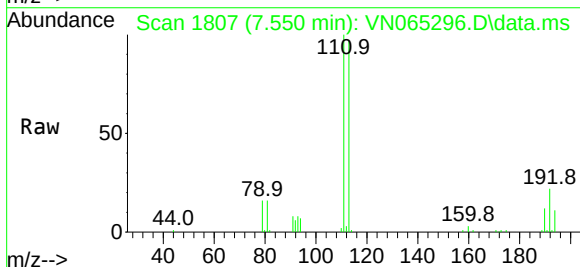
Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

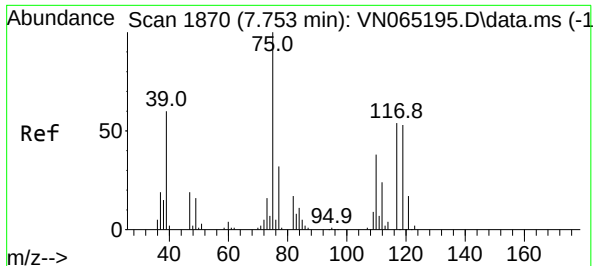
Tgt Ion:114	Resp: 365751
Ion Ratio	Lower Upper
114 100	
63 19.1	0.0 38.6
88 15.3	0.0 32.6



#35
Dibromofluoromethane
Concen: 50.17 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion:113	Resp:	110699	
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.6	122.4
192	23.2	16.2	24.2

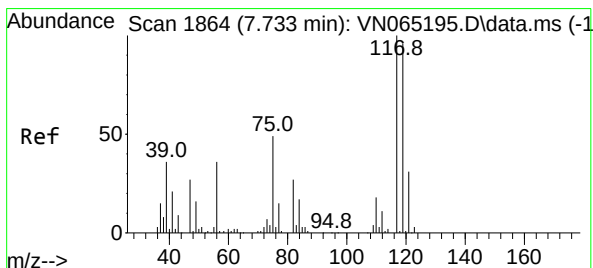
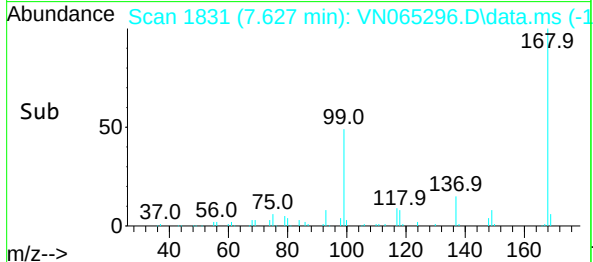
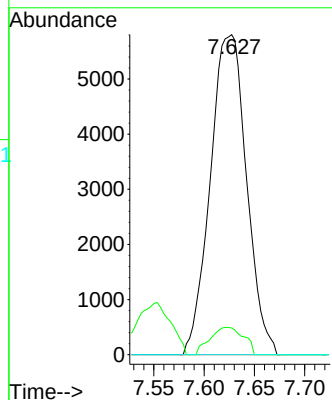
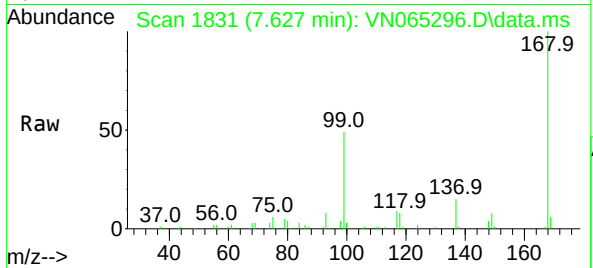




#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

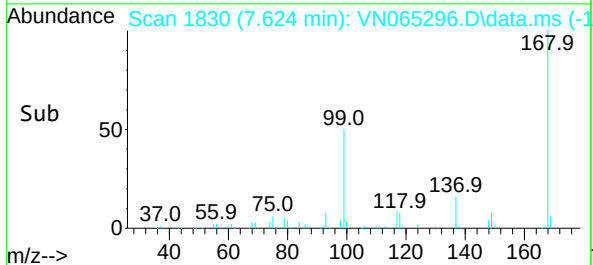
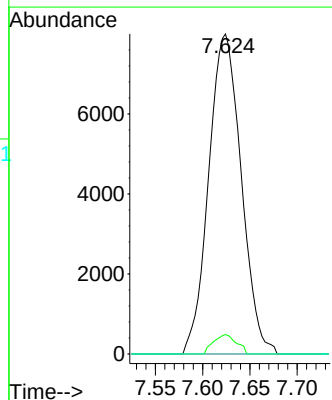
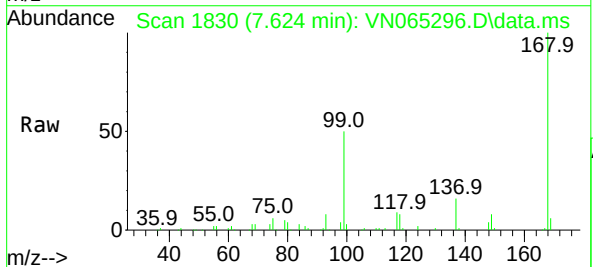
Instrument :
MSVOA_N
ClientSampled :
VN1229MBL01

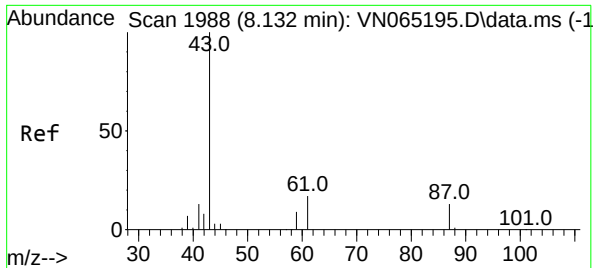
Tgt Ion: 75 Resp: 14561
Ion Ratio Lower Upper
75 100
110 7.9 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.48 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.109 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion: 117 Resp: 19142
Ion Ratio Lower Upper
117 100
119 6.0 76.7 115.1#
121 0.0 25.4 38.2#

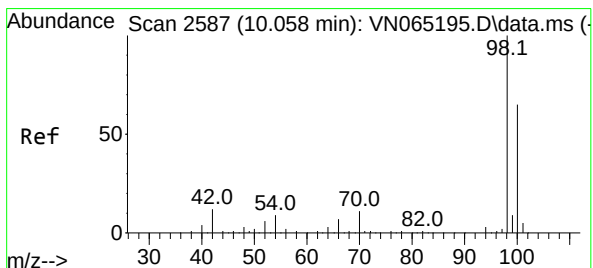
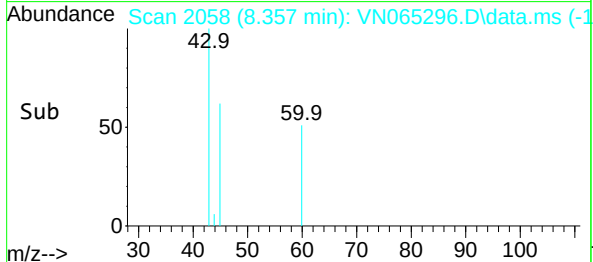
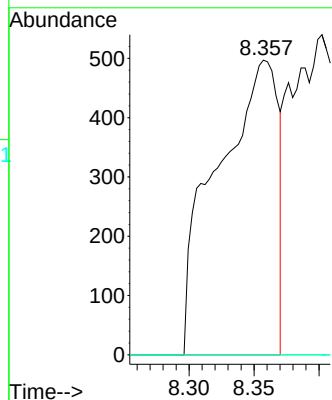
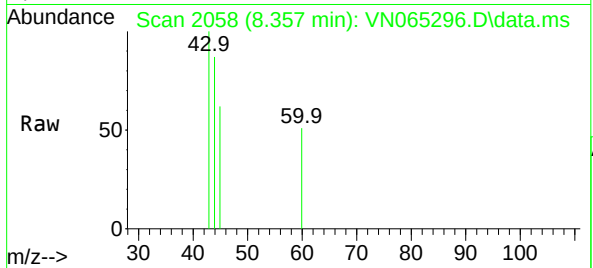




#43
Isopropyl Acetate
Concen: 0.28 ug/l
RT: 8.357 min Scan# 2058
Delta R.T. 0.225 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

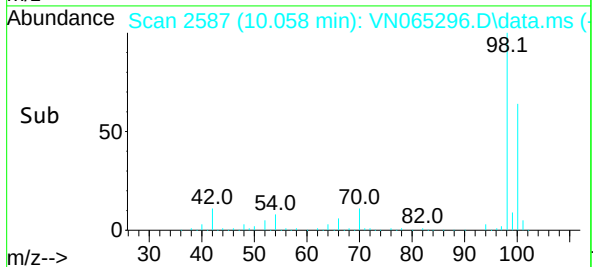
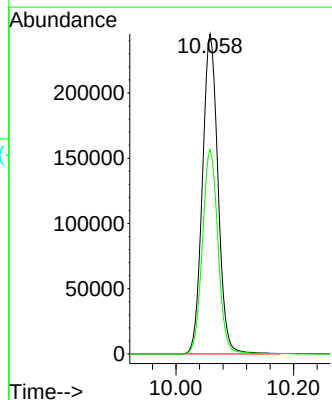
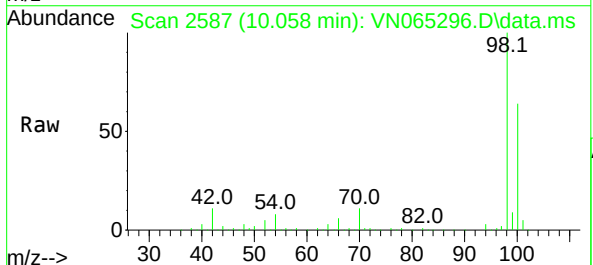
Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

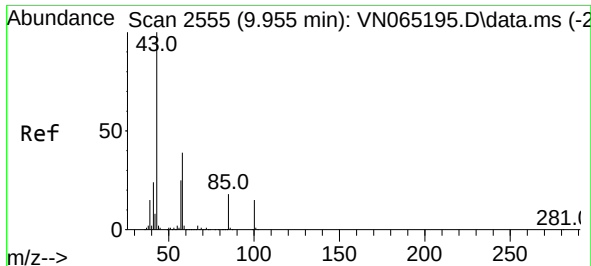
Tgt Ion: 43 Resp: 1617
Ion Ratio Lower Upper
43 100
61 0.0 17.2 25.8#
87 0.0 11.4 17.0#



#50
Toluene-d8
Concen: 54.56 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion: 98 Resp: 451222
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

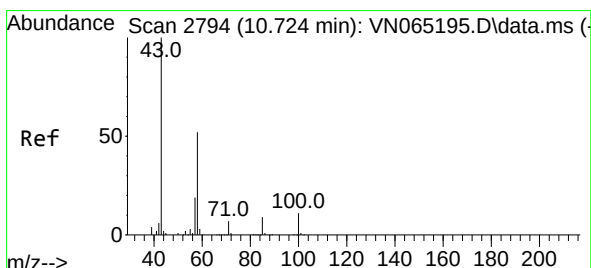
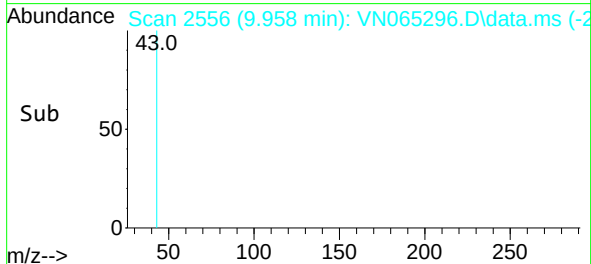
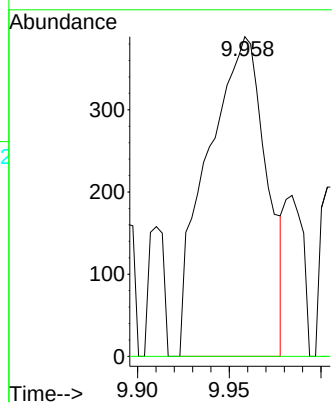
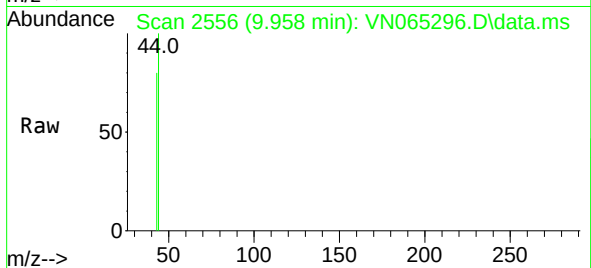




#51
4-Methyl-2-Pentanone
Concen: 0.27 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

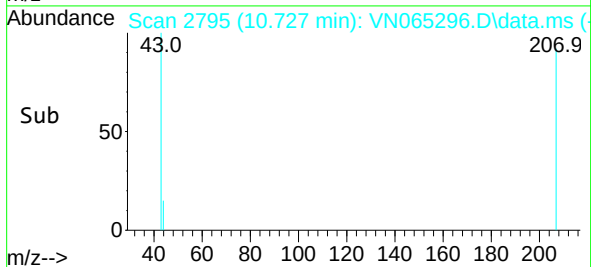
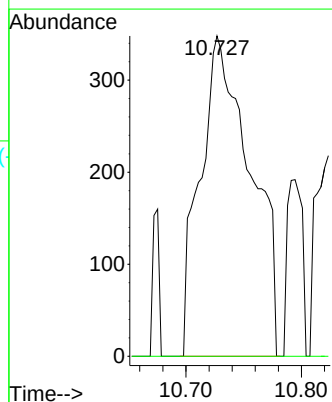
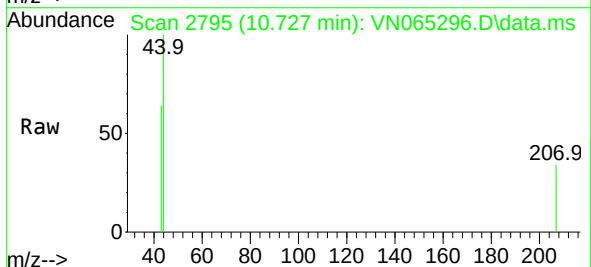
Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

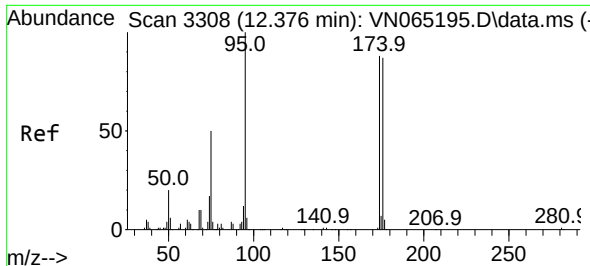
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#



#59
2-Hexanone
Concen: 0.45 ug/l
RT: 10.727 min Scan# 2795
Delta R.T. 0.003 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#

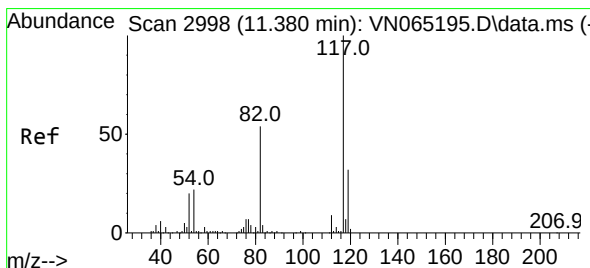
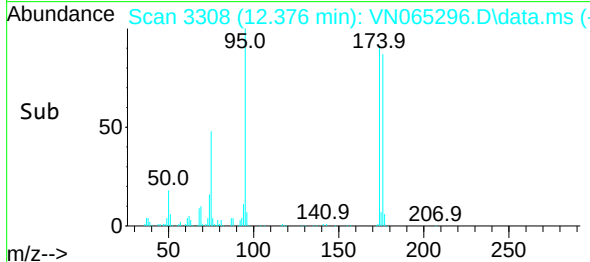
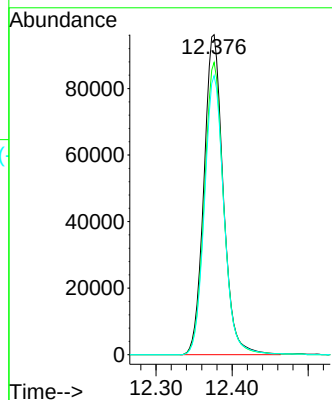
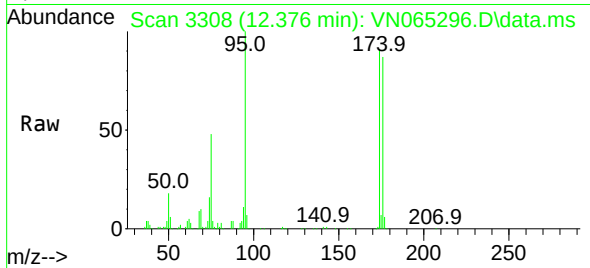




#62
4-Bromofluorobenzene
Concen: 51.66 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

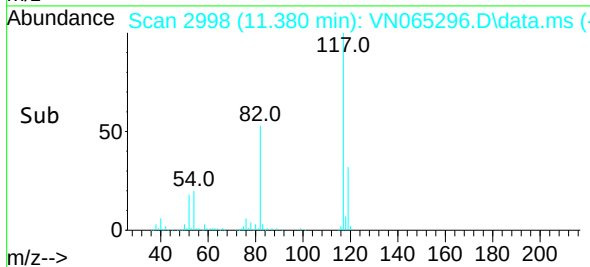
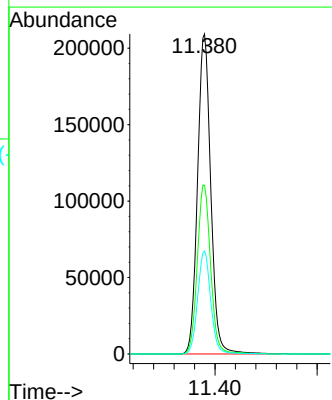
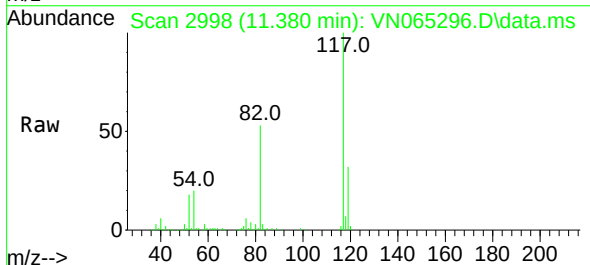
Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

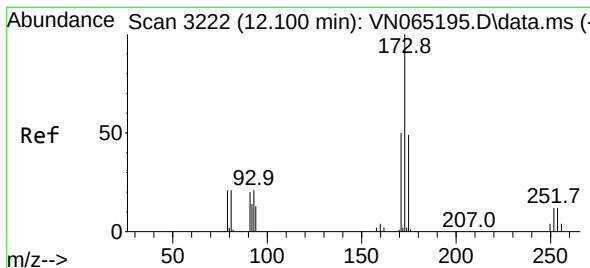
Tgt Ion: 95 Resp: 169603
Ion Ratio Lower Upper
95 100
174 91.3 0.0 160.4
176 87.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion: 117 Resp: 375916
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.2 25.8 38.6

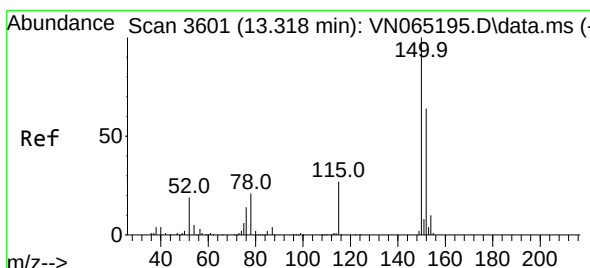
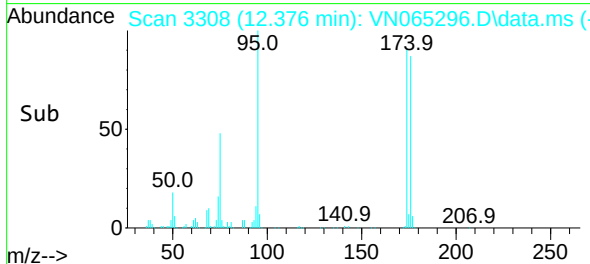
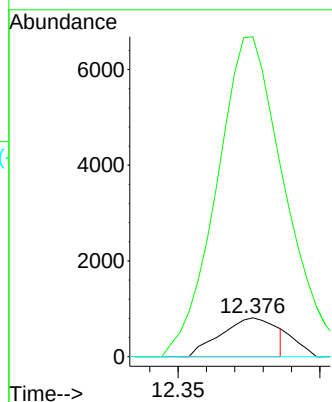
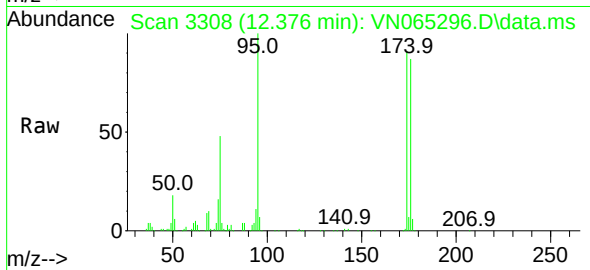




#71
Bromoform
Concen: 0.43 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

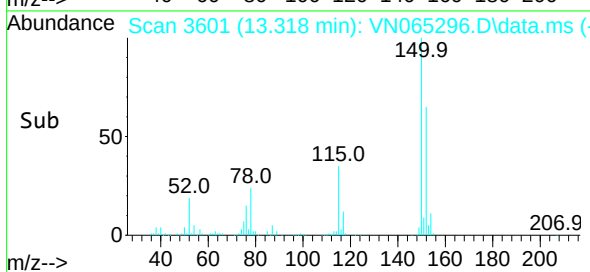
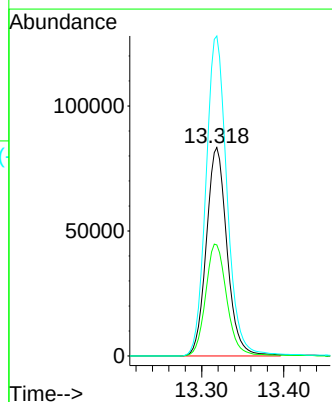
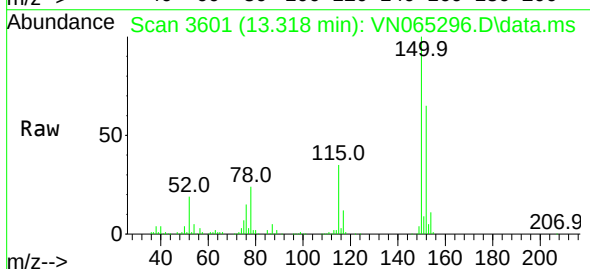
Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

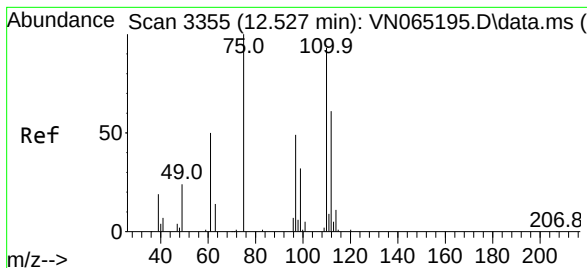
Tgt Ion:173 Resp: 1095
Ion Ratio Lower Upper
173 100
175 852.2 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion:152 Resp: 146607
Ion Ratio Lower Upper
152 100
115 55.2 29.7 89.1
150 156.4 0.0 350.6

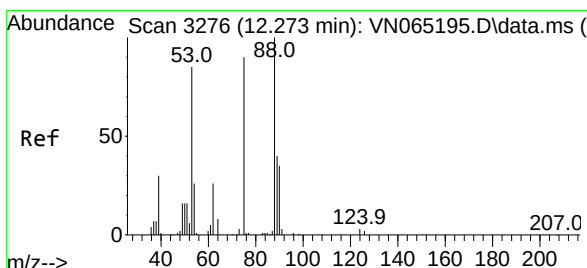
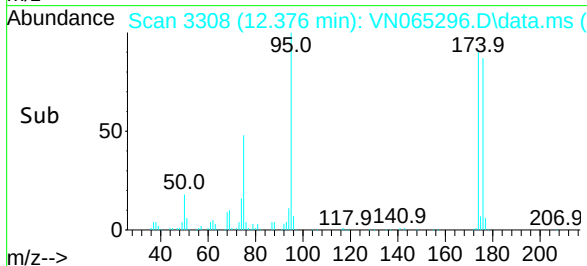
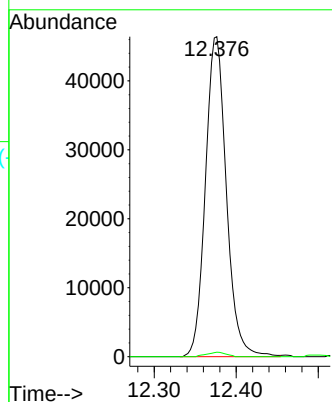
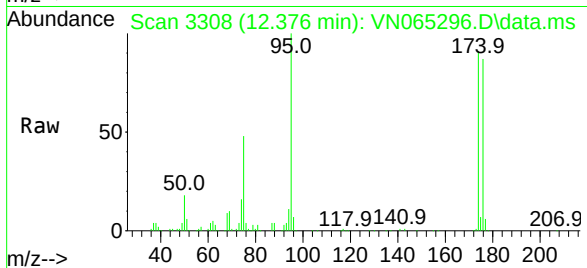




#76
1,2,3-Trichloropropane
Concen: 27.53 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

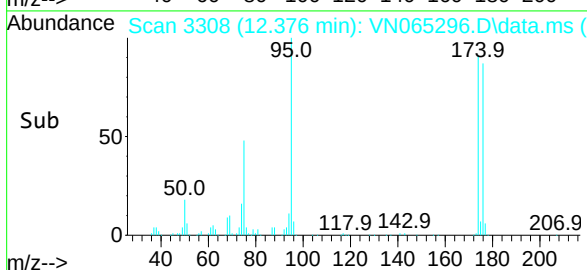
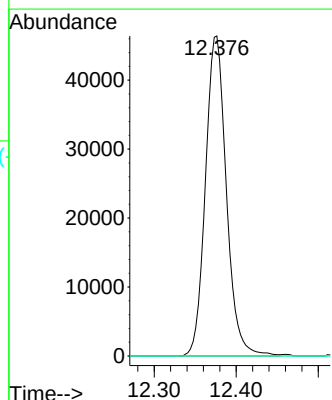
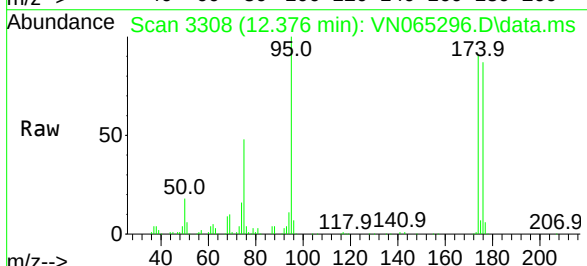
Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

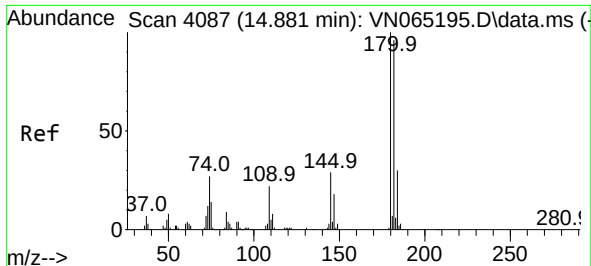
Tgt Ion: 75 Resp: 82342
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion: 75 Resp: 82342
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#

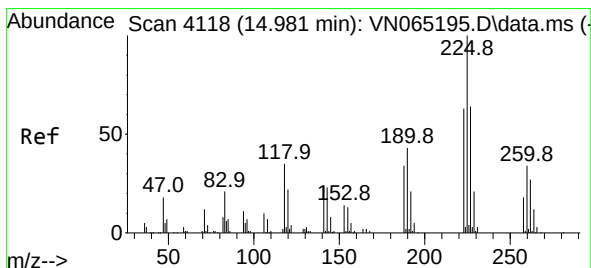
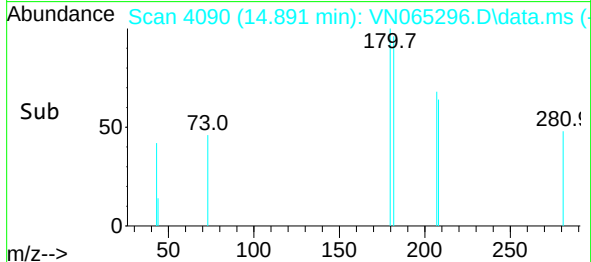
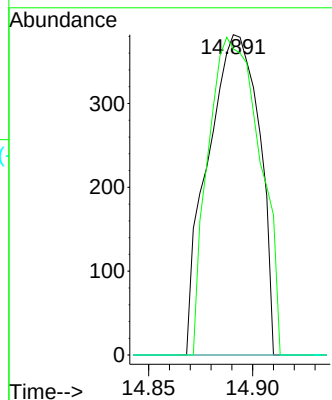
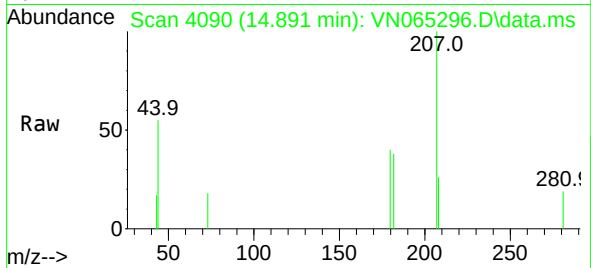




#93
1,2,4-Trichlorobenzene
Concen: 3.05 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.010 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

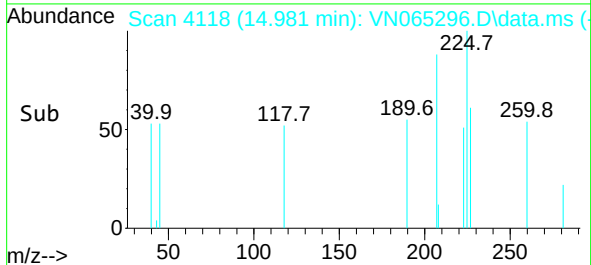
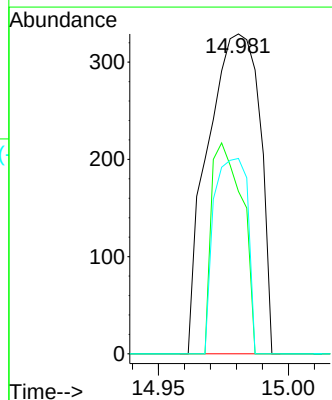
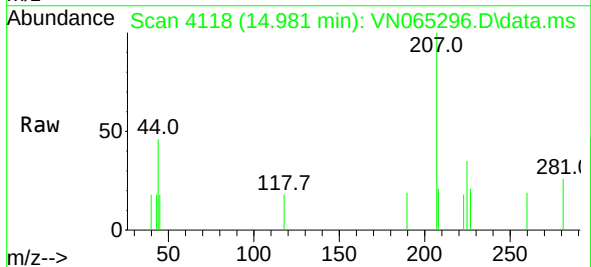
Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

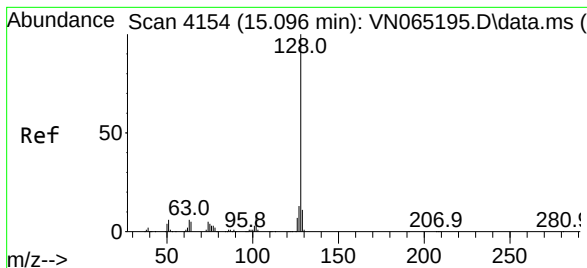
Tgt Ion:180 Resp: 655
Ion Ratio Lower Upper
180 100
182 99.4 47.6 142.9
145 0.0 15.3 45.8#



#94
Hexachlorobutadiene
Concen: 0.25 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. -0.000 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion:225 Resp: 457
Ion Ratio Lower Upper
225 100
223 39.2 31.0 93.0
227 39.4 32.0 96.0

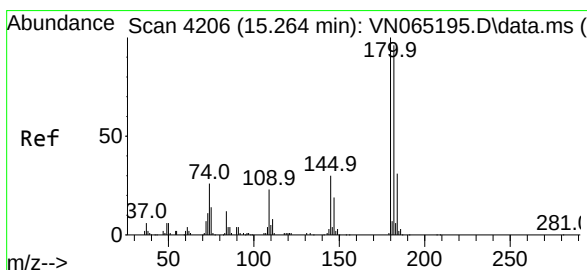
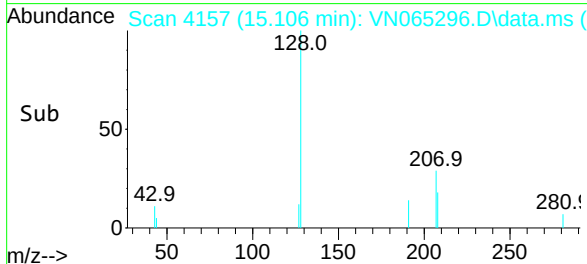
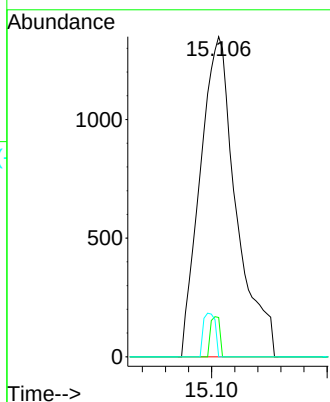
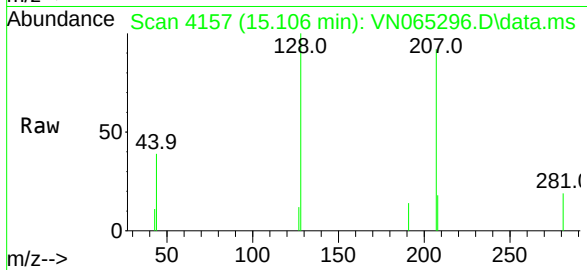




#95
Naphthalene
Concen: 3.73 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1229MBL01

Tgt Ion:128 Resp: 2919
Ion Ratio Lower Upper
128 100
127 3.2 10.3 15.5#
129 4.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.62 ug/l
RT: 15.270 min Scan# 4208
Delta R.T. 0.006 min
Lab File: VN065296.D
Acq: 29 Dec 2020 10:22

Tgt Ion:180 Resp: 1148
Ion Ratio Lower Upper
180 100
182 103.8 48.1 144.4
145 17.9 16.4 49.1

