

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021521\Not Reviewed Data\
 Data File : VN065866.D
 Acq On : 15 Feb 2021 12:57
 Operator : JC/MD
 Sample : VN0215MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 19:00:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

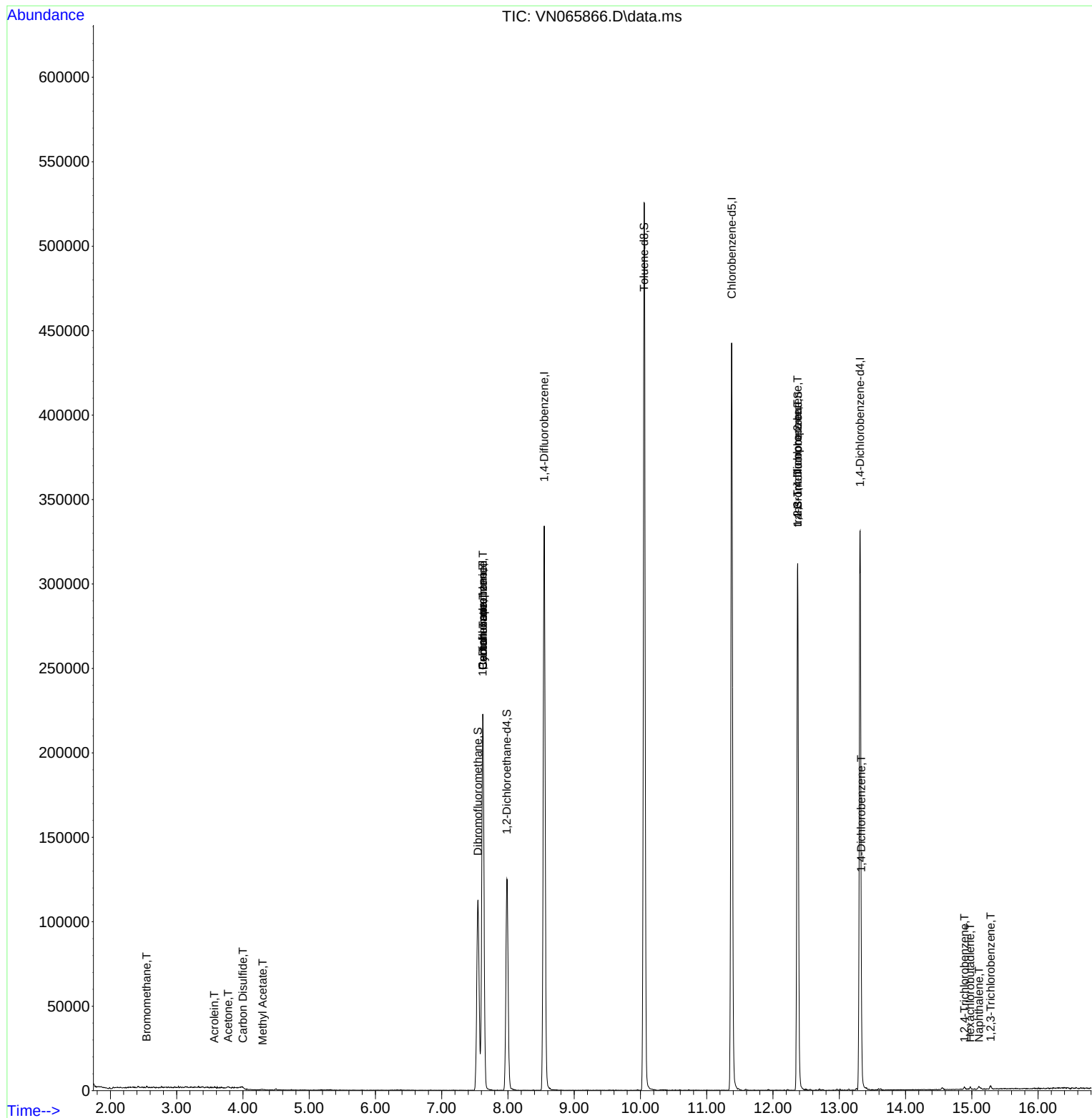
Internal Standards						
1) Pentafluorobenzene	7.621	168	192857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	322205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	280601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	99330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	105642	41.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.28%		
35) Dibromofluoromethane	7.547	113	92590	48.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.98%		
50) Toluene-d8	10.055	98	399500	53.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.46%		
62) 4-Bromofluorobenzene	12.373	95	127508	47.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.36%		
Target Compounds						Qvalue
5) Bromomethane	2.547	94	384	0.21	ug/l #	78
13) Acrolein	3.566	56	59	18.22	ug/l #	15
16) Acetone	3.775	43	1188	1.20	ug/l #	41
17) Carbon Disulfide	3.997	76	1661	0.22	ug/l #	74
18) Methyl Acetate	4.296	43	972	0.35	ug/l #	51
31) Cyclohexane	7.621	56	3298	0.69	ug/l #	1
36) 1,1-Dichloropropene	7.617	75	13199	4.07	ug/l #	47
38) Carbon Tetrachloride	7.621	117	17796	6.67	ug/l #	17
76) 1,2,3-Trichloropropane	12.370	75	55837	21.50	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	55837	55.06	ug/l #	12
88) 1,4-Dichlorobenzene	13.331	146	719	0.21	ug/l #	71
93) 1,2,4-Trichlorobenzene	14.887	180	906	3.79	ug/l #	90
94) Hexachlorobutadiene	14.977	225	541	0.87	ug/l #	73
95) Naphthalene	15.109	128	2752	3.85	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.286	180	1143	3.39	ug/l	90

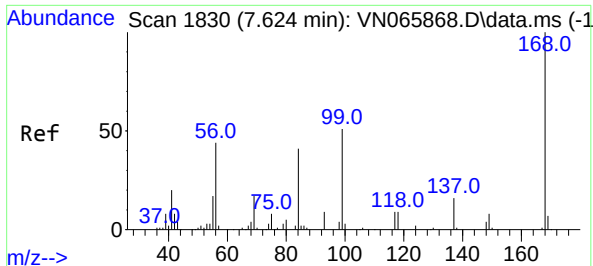
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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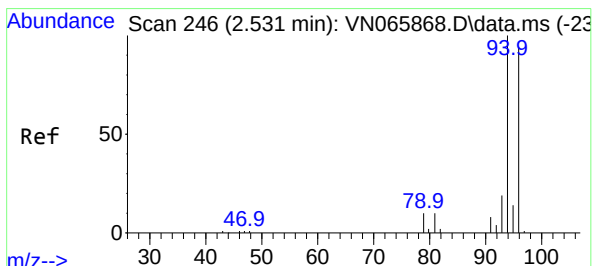
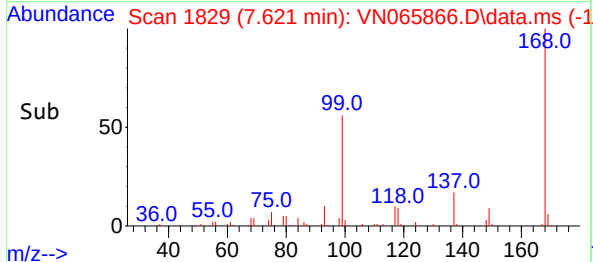
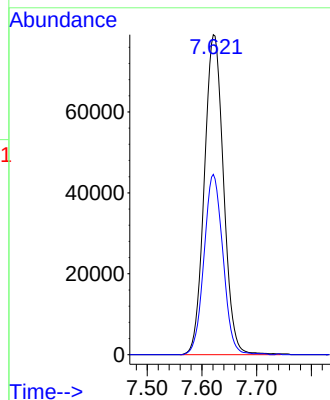
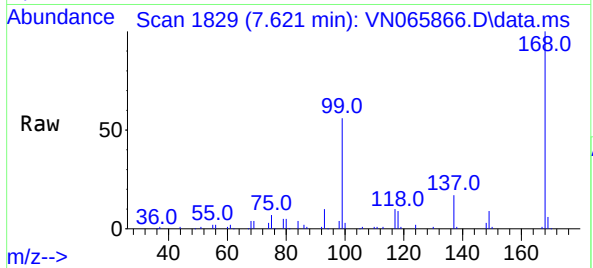




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

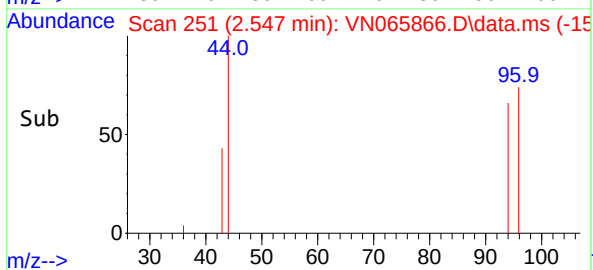
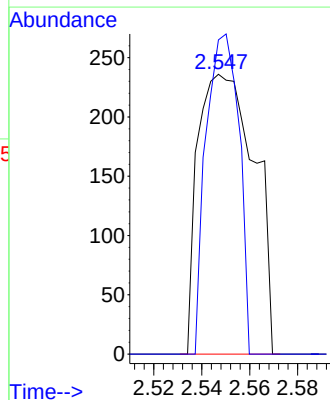
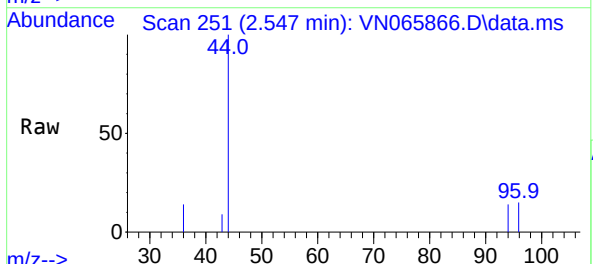
Instrument :
MSVOA_N
ClientSampled :

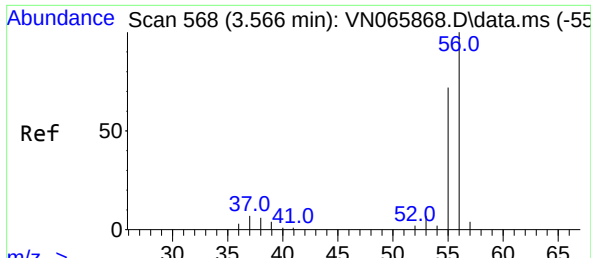
Tgt Ion:168 Resp: 192857
Ion Ratio Lower Upper
168 100
99 56.4 42.6 63.8



#5
Bromomethane
Concen: 0.21 ug/l
RT: 2.547 min Scan# 251
Delta R.T. 0.006 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Tgt Ion: 94 Resp: 384
Ion Ratio Lower Upper
94 100
96 112.3 73.0 109.4#

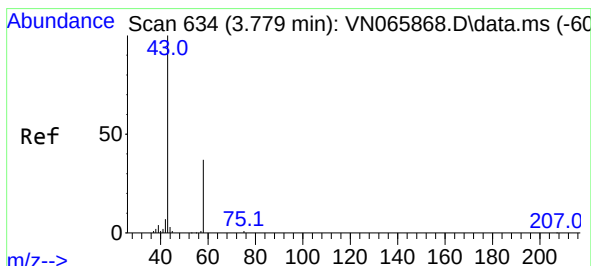
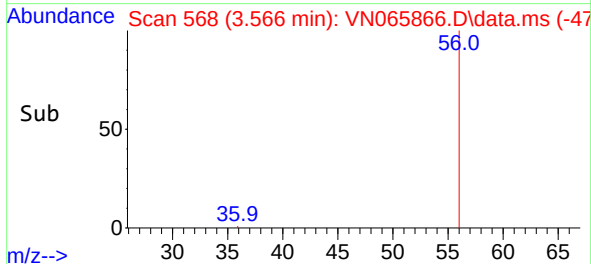
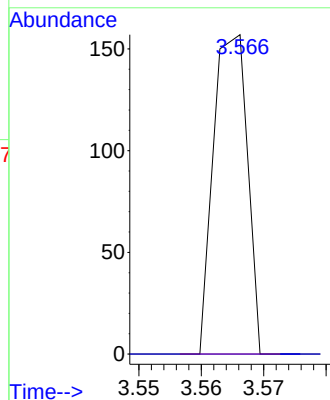
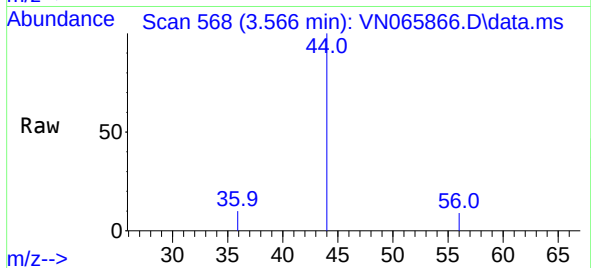




#13
Acrolein
Concen: 18.22 ug/l
RT: 3.566 min Scan# 568
Delta R.T. -0.003 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

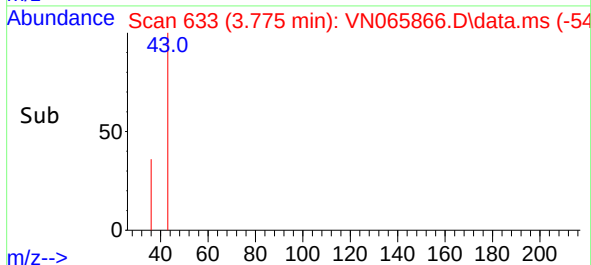
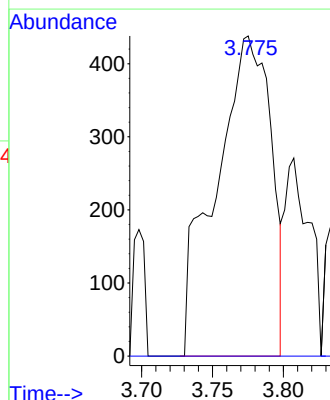
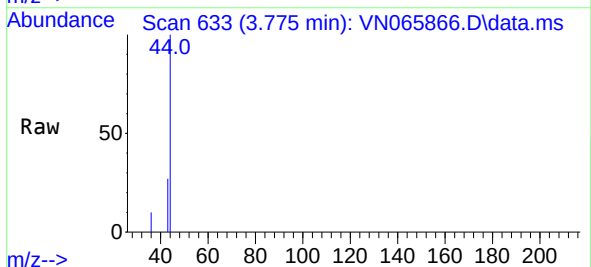
Instrument :
MSVOA_N
ClientSampleId :

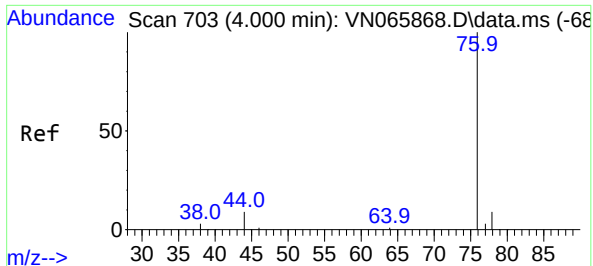
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: 1.20 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

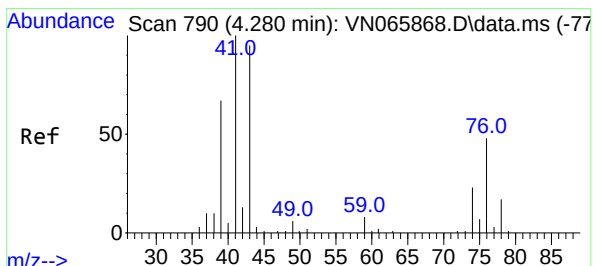
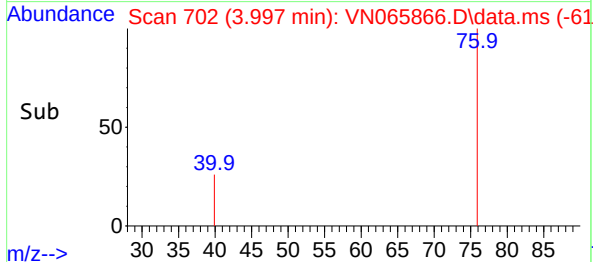
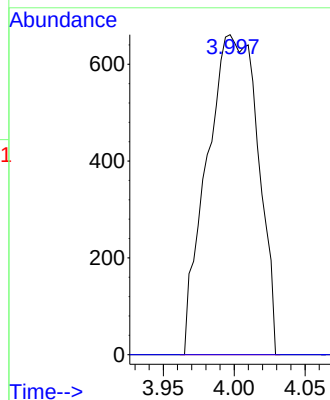
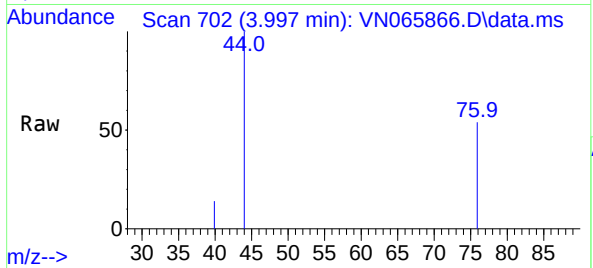




#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 3.997 min Scan# 702
Delta R.T. -0.010 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

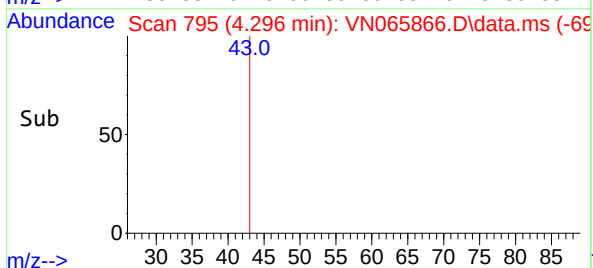
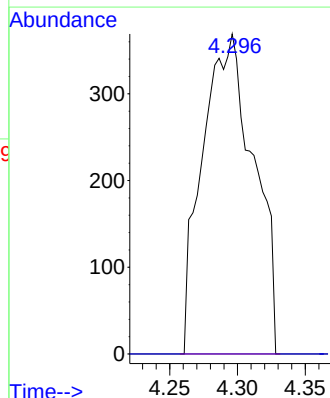
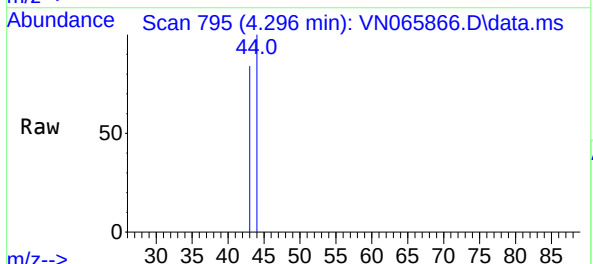
Instrument :
MSVOA_N
ClientSampled :

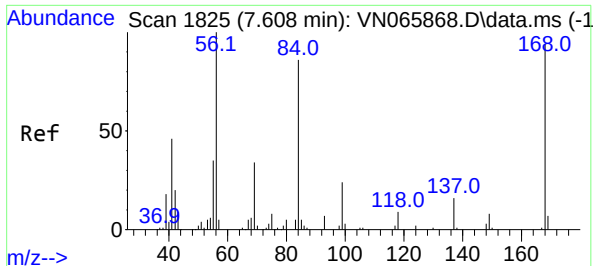
Tgt Ion: 76 Resp: 1661
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#18
Methyl Acetate
Concen: 0.35 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.013 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

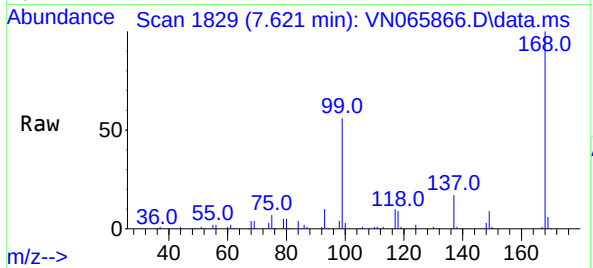
Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



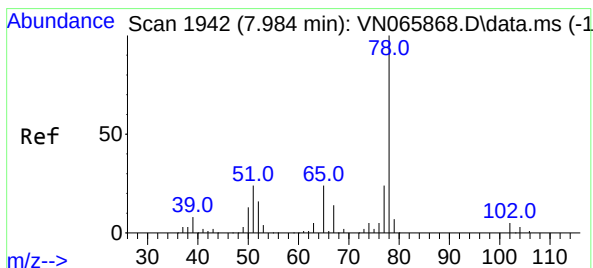
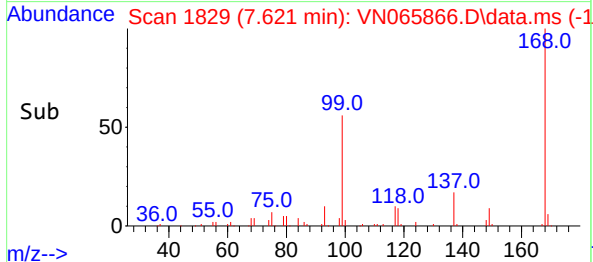
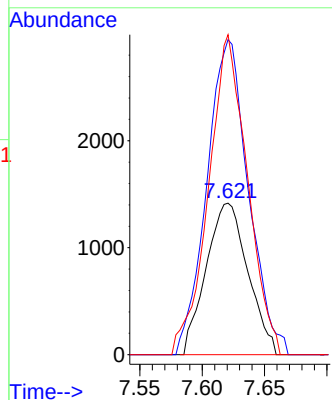


#31
Cyclohexane
Concen: 0.69 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Instrument :
MSVOA_N
ClientSampled :

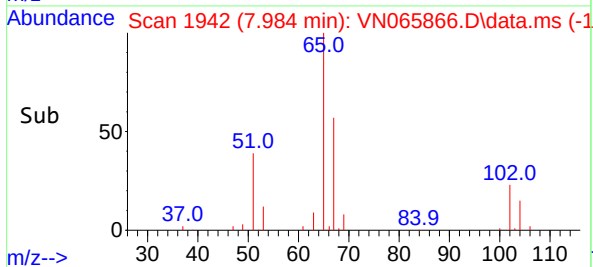
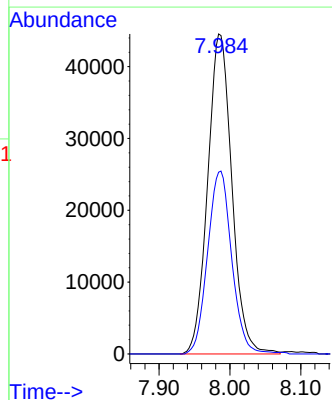
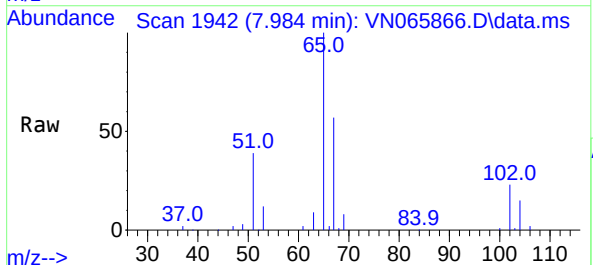


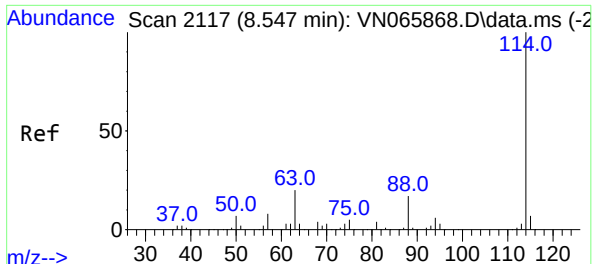
Tgt Ion: 56 Resp: 3298
Ion Ratio Lower Upper
56 100
69 197.2 26.6 39.8#
84 211.2 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 41.64 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Tgt Ion: 65 Resp: 105642
Ion Ratio Lower Upper
65 100
67 56.9 0.0 107.2

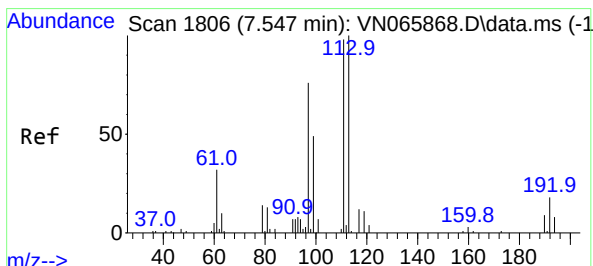
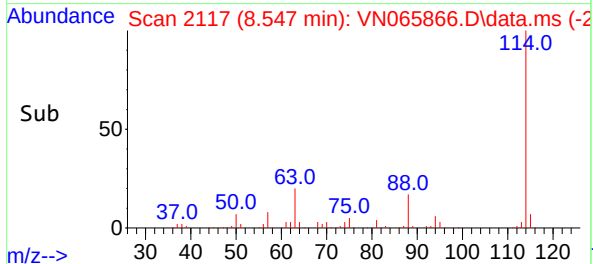
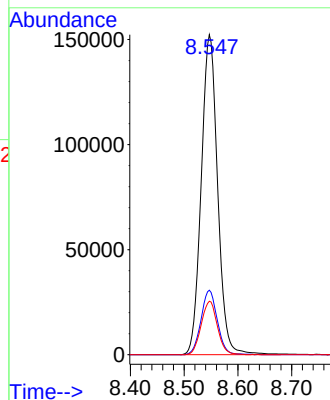
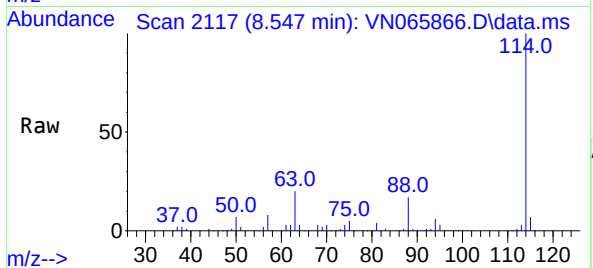




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

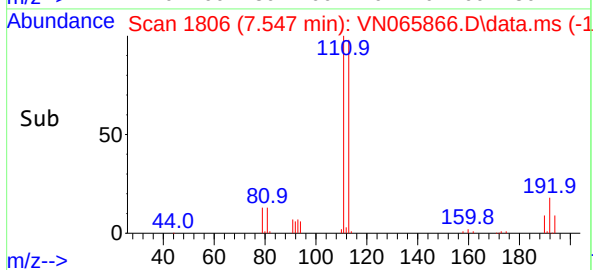
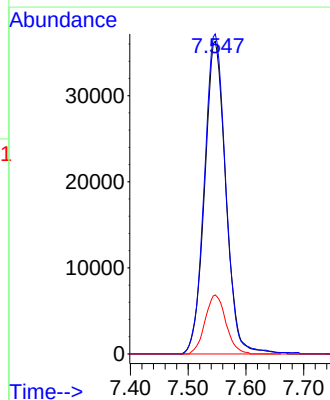
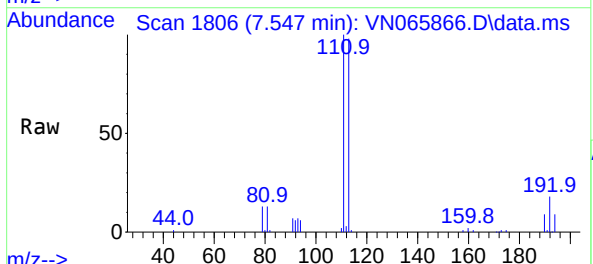
Instrument :
MSVOA_N
ClientSampleId :

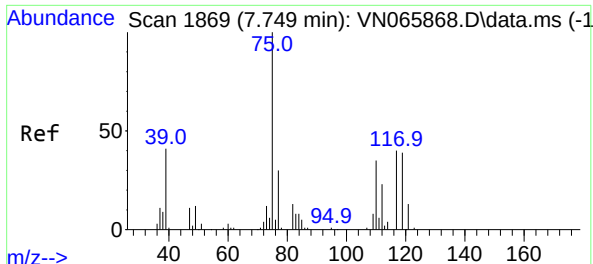
Tgt Ion:114 Resp: 322205
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 16.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.49 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Tgt Ion:113 Resp: 92590
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.6 15.4 23.0

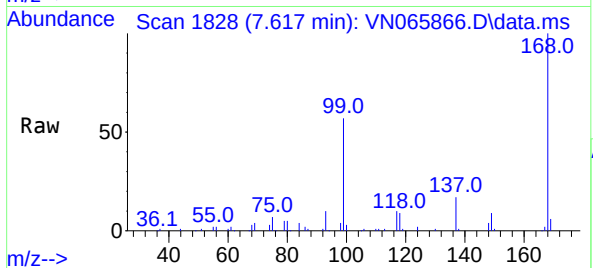




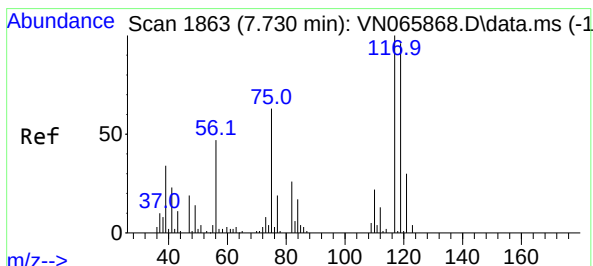
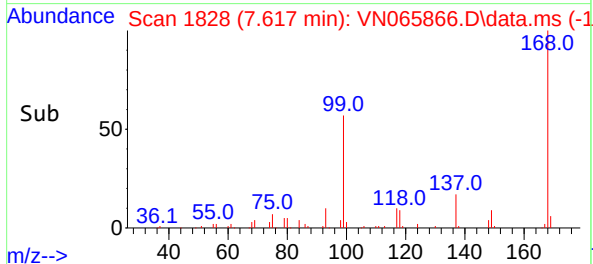
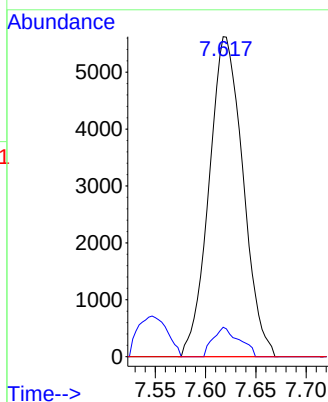
#36

1,1-Dichloropropene
Concen: 4.07 ug/l
RT: 7.617 min Scan# 1828
Delta R.T. -0.132 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Instrument :
MSVOA_N
ClientSampled :



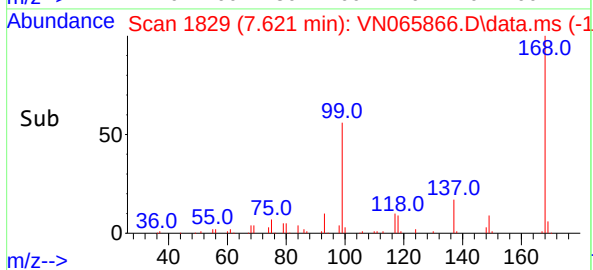
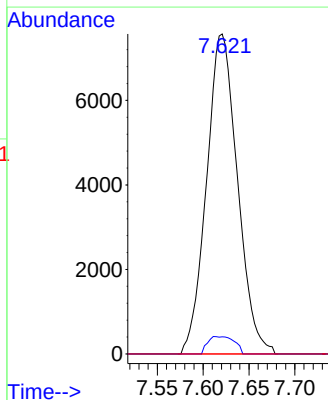
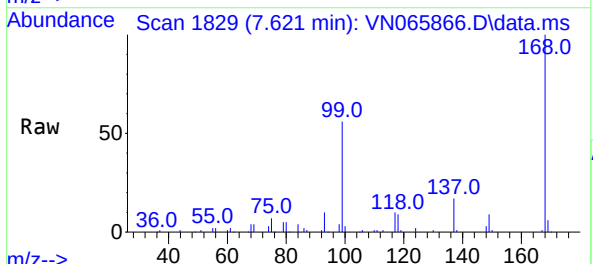
Tgt Ion:	75	Resp:	13199
Ion	Ratio	Lower	Upper
75	100		
110	7.1	18.2	54.6#
77	0.0	24.9	37.3#

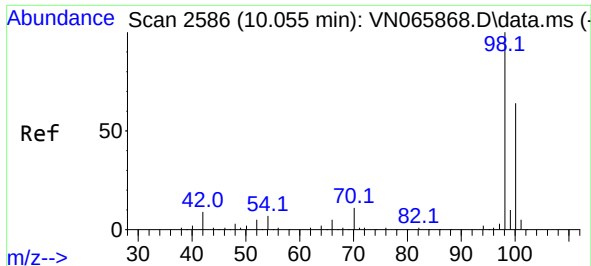


#38

Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Tgt Ion:	117	Resp:	17796
Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.0	114.0#
121	0.0	24.5	36.7#

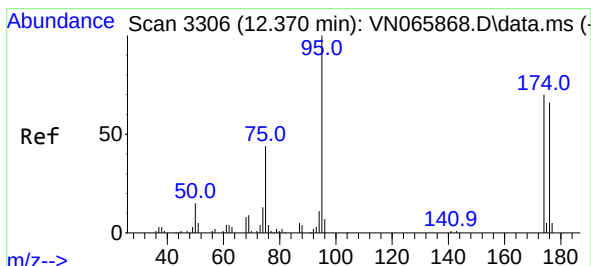
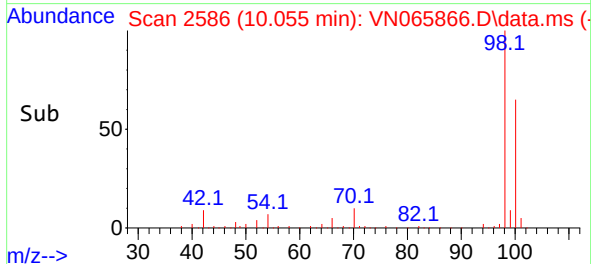
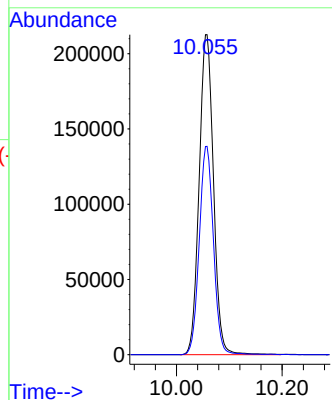
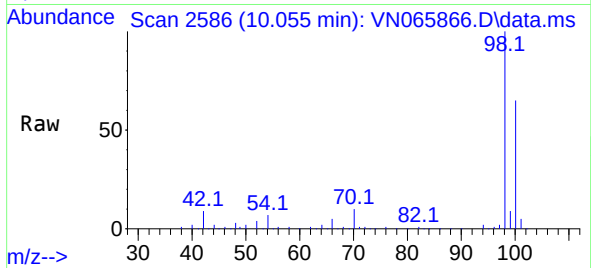




#50
Toluene-d8
Concen: 53.23 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

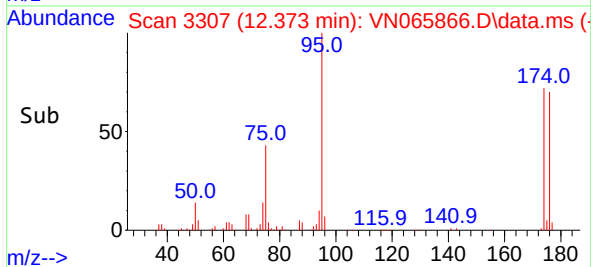
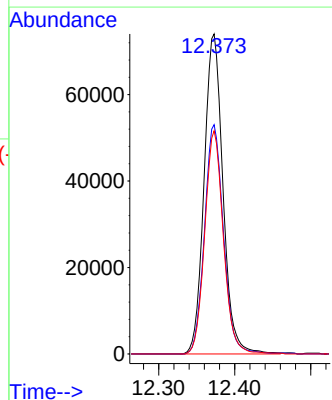
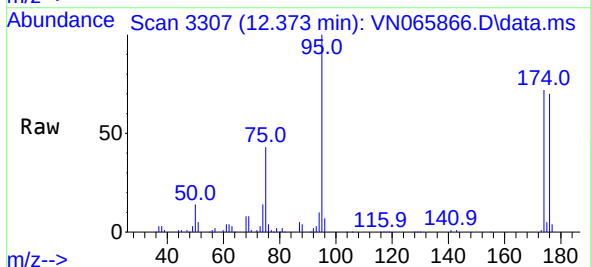
Instrument :
MSVOA_N
ClientSampled :

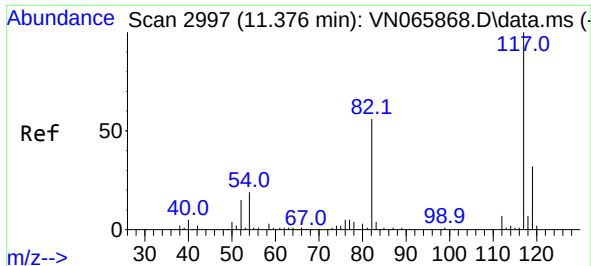
Tgt Ion: 98 Resp: 399500
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.18 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Tgt Ion: 95 Resp: 127508
Ion Ratio Lower Upper
95 100
174 72.1 0.0 169.0
176 68.9 0.0 162.4

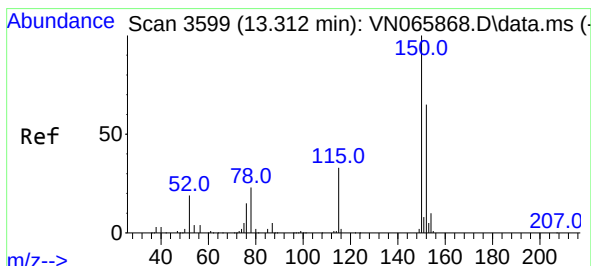
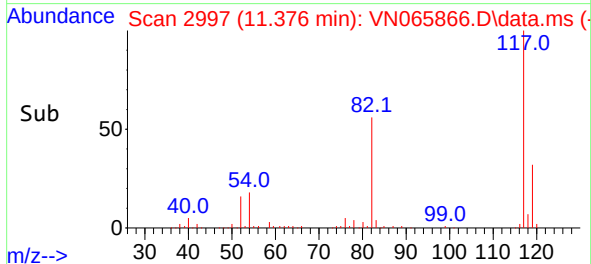
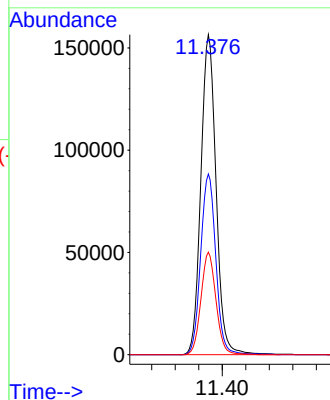
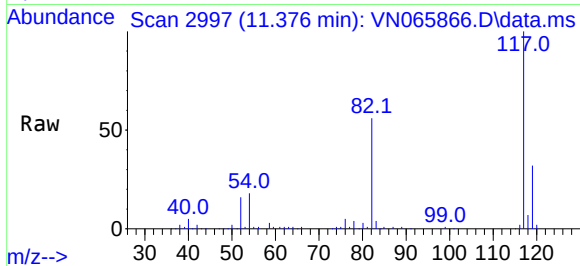




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

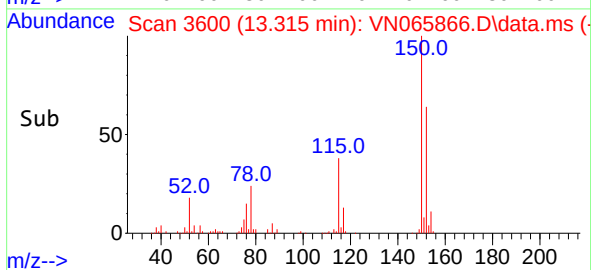
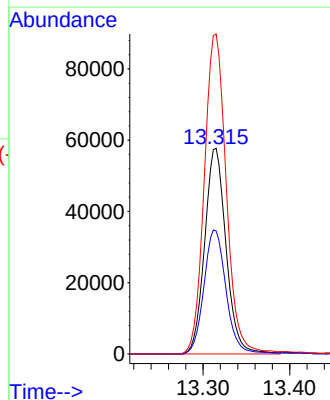
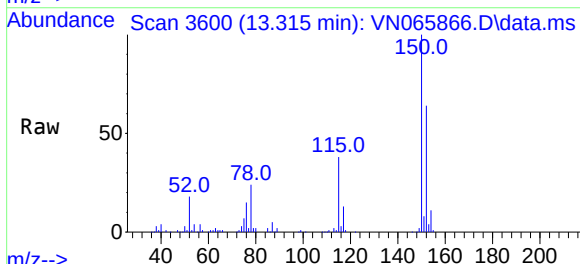
Instrument :
MSVOA_N
ClientSampled :

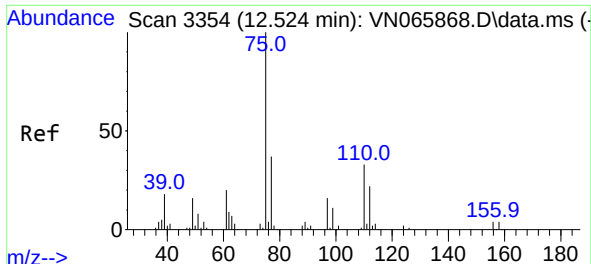
Tgt Ion:	117	Resp:	280601
Ion Ratio	Lower	Upper	
117	100		
82	56.4	43.7	65.5
119	32.1	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Tgt Ion:	152	Resp:	99330
Ion Ratio	Lower	Upper	
152	100		
115	62.0	28.5	85.6
150	159.5	0.0	347.6

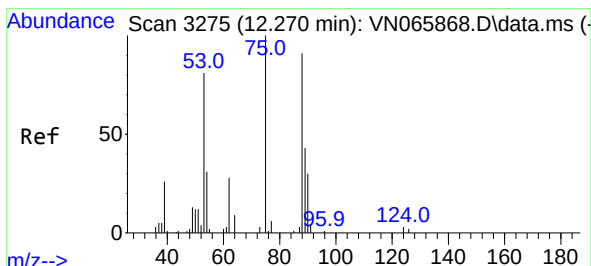
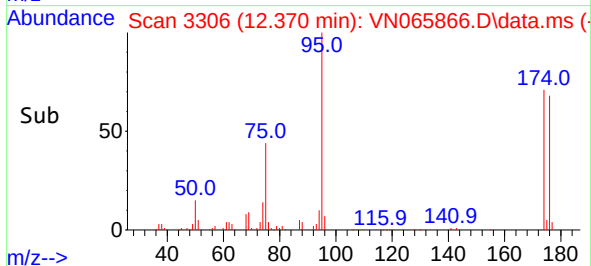
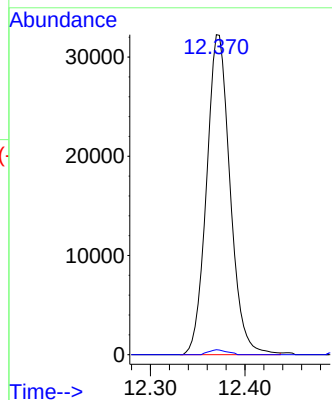
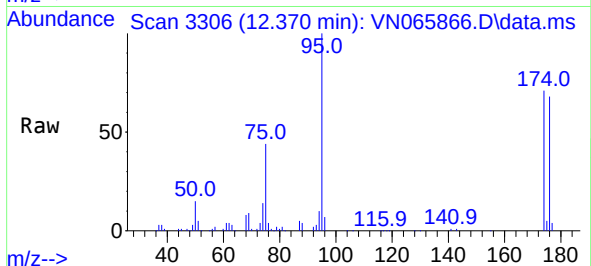




#76
1,2,3-Trichloropropane
Concen: 21.50 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.154 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

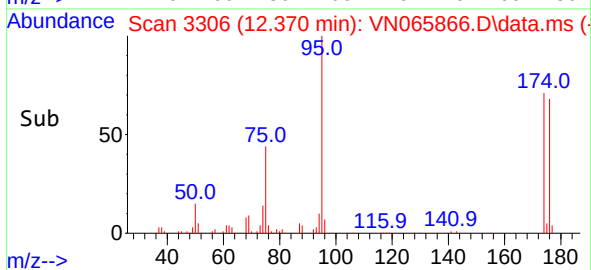
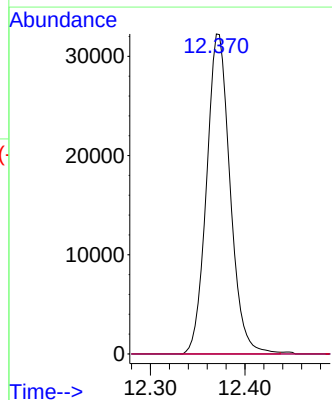
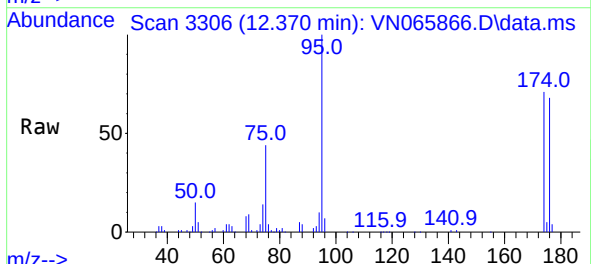
Instrument :
MSVOA_N
ClientSampled :

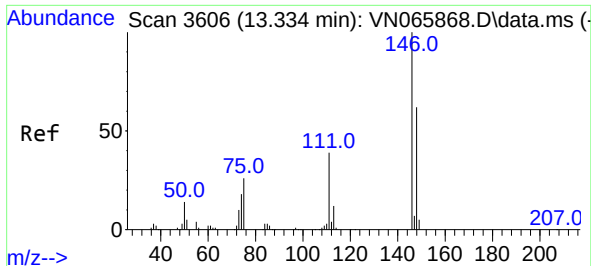
Tgt Ion: 75 Resp: 55837
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.06 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.100 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Tgt Ion: 75 Resp: 55837
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

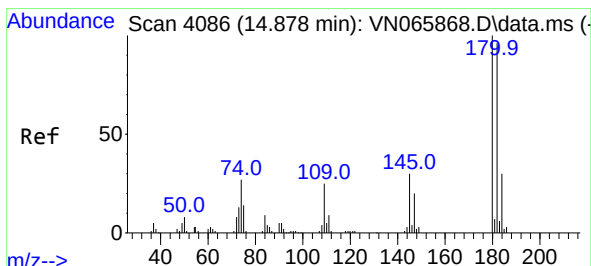
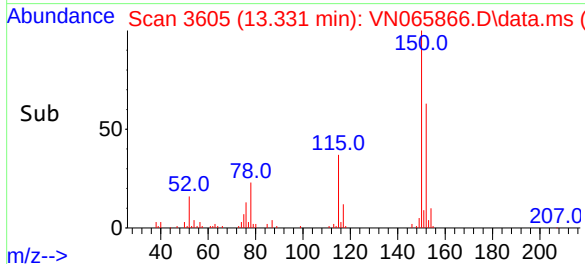
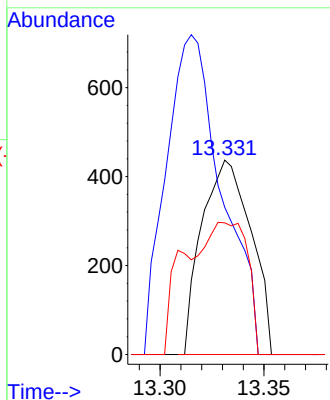
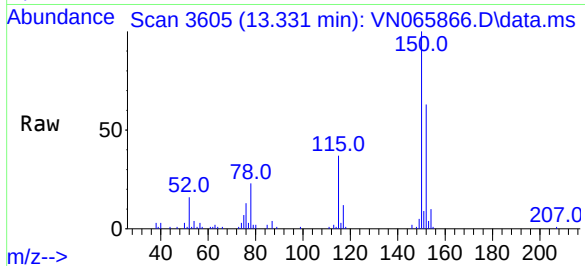




#88
1,4-Dichlorobenzene
Concen: 0.21 ug/l
RT: 13.331 min Scan# 3605
Delta R.T. -0.003 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

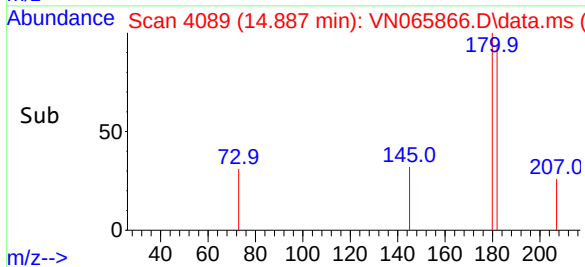
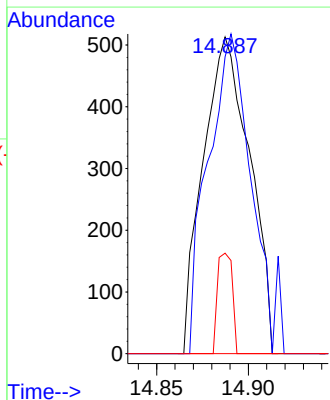
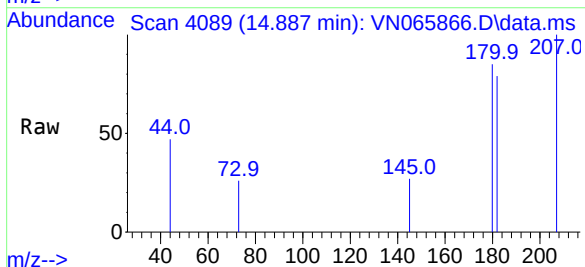
Instrument :
MSVOA_N
ClientSampled :

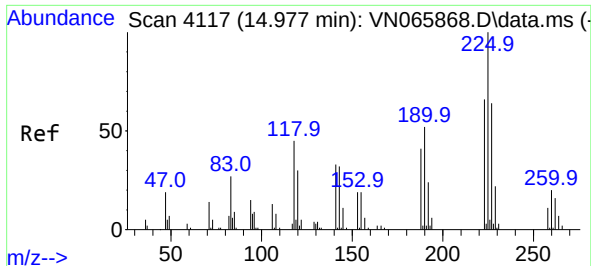
Tgt Ion:146 Resp: 719
Ion Ratio Lower Upper
146 100
111 0.0 19.0 57.0#
148 57.3 31.8 95.3



#93
1,2,4-Trichlorobenzene
Concen: 3.79 ug/l
RT: 14.887 min Scan# 4089
Delta R.T. 0.009 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

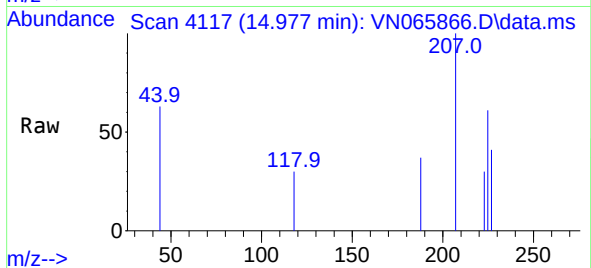
Tgt Ion:180 Resp: 906
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 10.0 15.6 46.8#



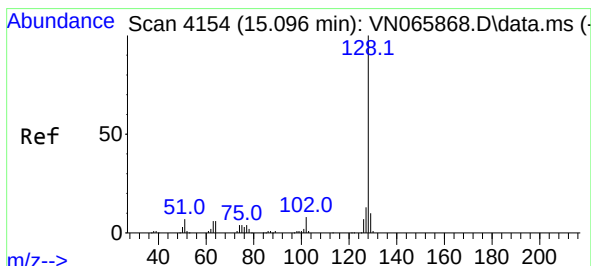
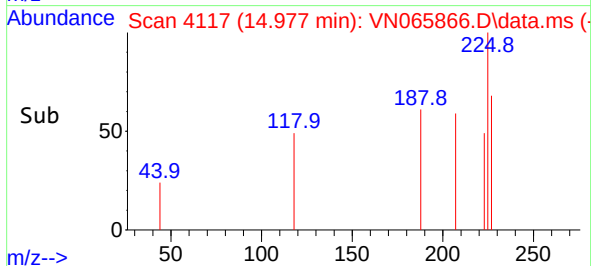
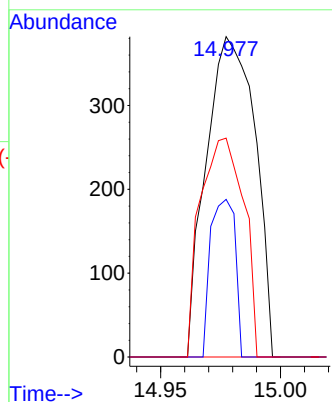


#94
Hexachlorobutadiene
Concen: 0.87 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Instrument :
MSVOA_N
ClientSampled :

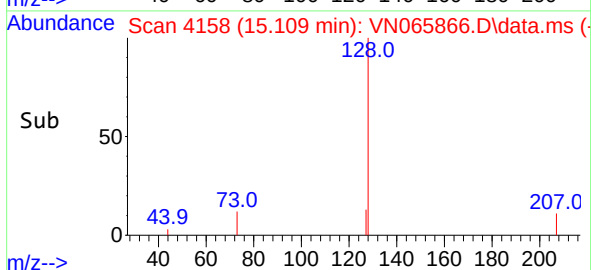
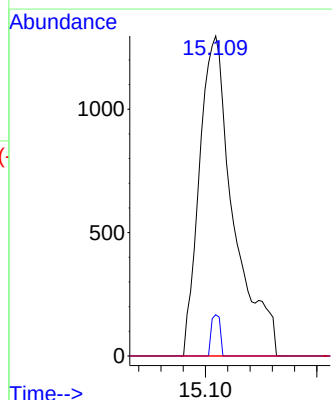
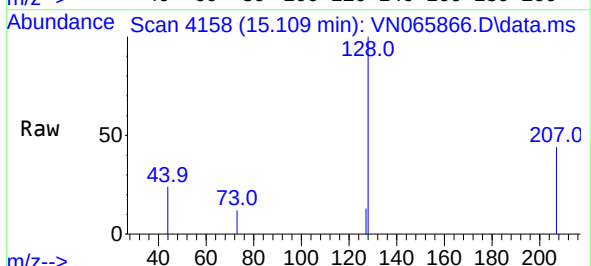


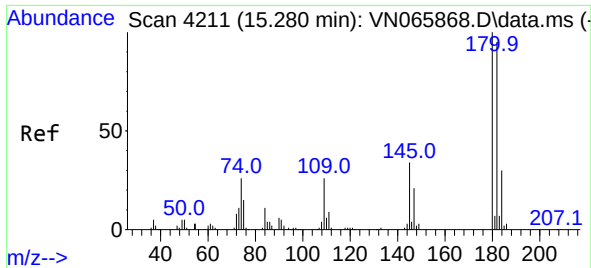
Tgt Ion:225 Resp: 541
Ion Ratio Lower Upper
225 100
223 24.8 31.9 95.9#
227 60.6 31.6 95.0



#95
Naphthalene
Concen: 3.85 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

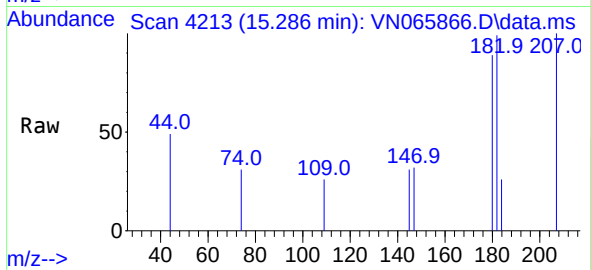
Tgt Ion:128 Resp: 2752
Ion Ratio Lower Upper
128 100
127 3.3 10.2 15.2#
129 0.0 8.6 13.0#





#96
1,2,3-Trichlorobenzene
Concen: 3.39 ug/l
RT: 15.286 min Scan# 4213
Delta R.T. 0.006 min
Lab File: VN065866.D
Acq: 15 Feb 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:180 Resp: 1143
Ion Ratio Lower Upper
180 100
182 85.1 47.4 142.3
145 27.1 16.5 49.5

