

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065410.D
 Acq On : 6 Jan 2021 19:21
 Operator : JC/MD
 Sample : M1022-14 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41037

Quant Time: Jan 07 01:30:50 2021
 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)

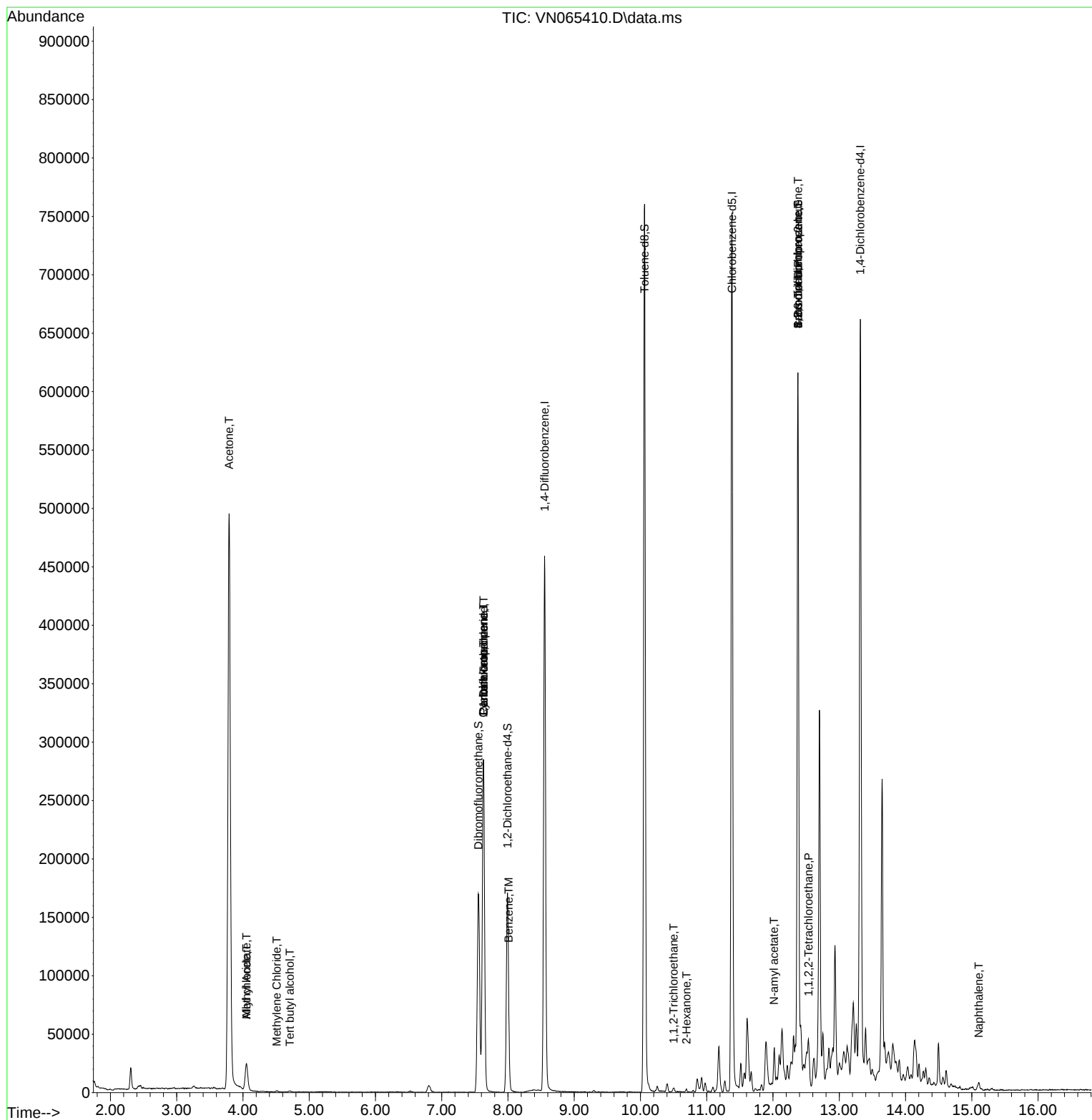
Internal Standards						
1) Pentafluorobenzene	7.630	168	261984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	438130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	465971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	194829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	149816	50.65	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.30%			
35) Dibromofluoromethane	7.553	113	133059	50.34	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.68%			
50) Toluene-d8	10.061	98	548232	55.34	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.68%			
62) 4-Bromofluorobenzene	12.376	95	212412	53.78	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.56%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.708	59	849	1.75	ug/l #	73
14) Allyl chloride	4.052	41	3891	0.92	ug/l #	65
16) Acetone	3.791	43	818513	677.92	ug/l	95
18) Methyl Acetate	4.052	43	10643	4.01	ug/l #	50
20) Methylene Chloride	4.508	84	715	0.25	ug/l #	85
31) Cyclohexane	7.627	56	4096	0.94	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16725	4.20	ug/l #	48
38) Carbon Tetrachloride	7.630	117	22557	5.39	ug/l #	16
40) Benzene	8.010	78	2488	0.21	ug/l	95
55) 1,1,2-Trichloroethane	10.502	97	1866	0.63	ug/l #	14
59) 2-Hexanone	10.695	43	1387	0.49	ug/l #	23
71) Bromoform	12.376	173	1332	0.42	ug/l #	1
74) N-amyl acetate	12.016	43	7307	1.24	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.537	83	2804	0.70	ug/l #	24
76) 1,2,3-Trichloropropane	12.376	75	103483	26.04	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	103483	65.65	ug/l #	15
95) Naphthalene	15.106	128	7199	4.04	ug/l #	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
Data File : VN065410.D
Acq On : 6 Jan 2021 19:21
Operator : JC/MD
Sample : M1022-14 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
41037

Quant Time: Jan 07 01:30:50 2021
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

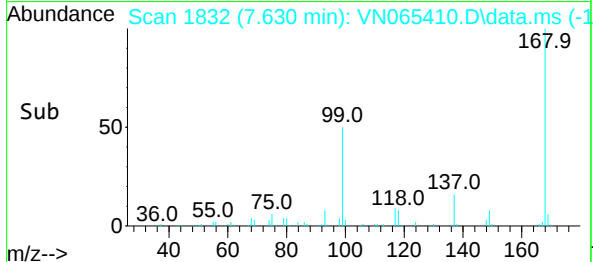
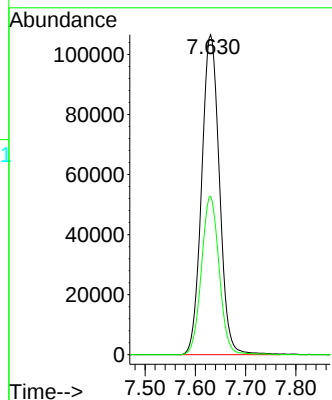
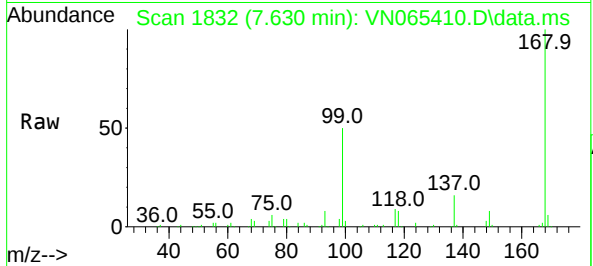




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

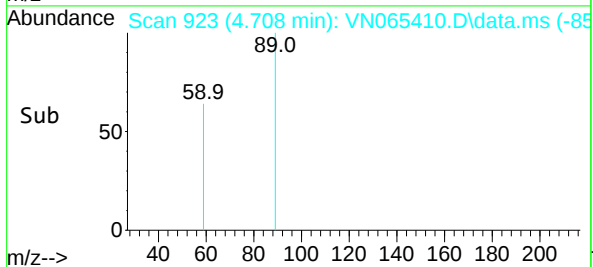
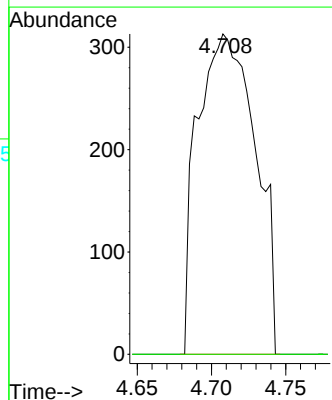
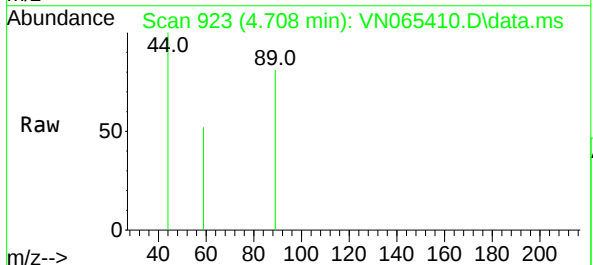
Instrument :
MSVOA_N
ClientSampleId :
41037

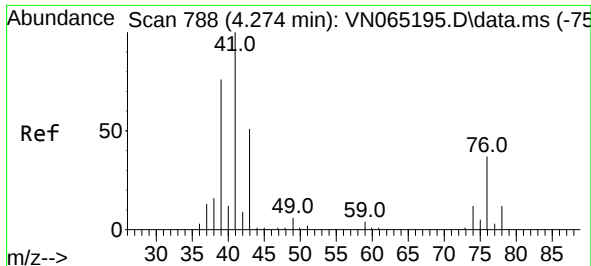
Tgt Ion:168 Resp: 261984
Ion Ratio Lower Upper
168 100
99 49.5 43.0 64.4



#11
Tert butyl alcohol
Concen: 1.75 ug/l
RT: 4.708 min Scan# 923
Delta R.T. -0.064 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

Tgt Ion: 59 Resp: 849
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#14

Allyl chloride

Concen: 0.92 ug/l

RT: 4.052 min Scan# 719

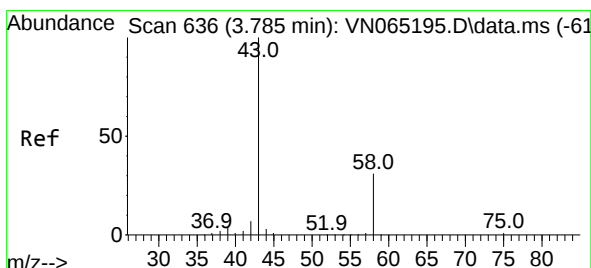
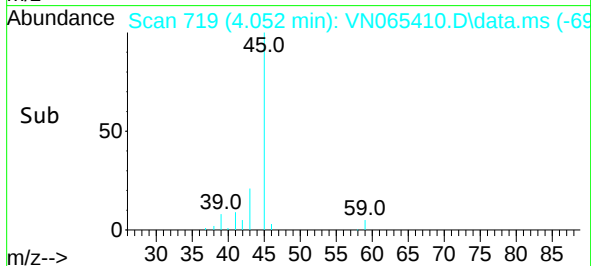
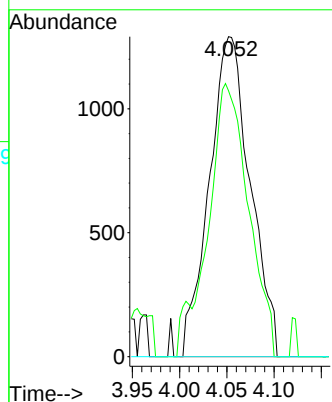
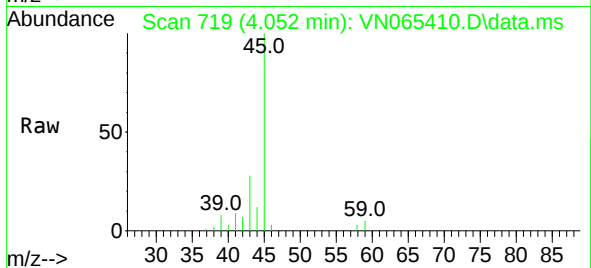
Delta R.T. -0.222 min

Lab File: VN065410.D

Acq: 6 Jan 2021 19:21

Instrument :
MSVOA_N
ClientSampleId :
41037

Tgt Ion: 41	Resp: 3891
Ion Ratio	Lower Upper
41 100	
39 79.3	50.9 76.3#
76 0.0	29.0 43.4#



#16

Acetone

Concen: 677.92 ug/l

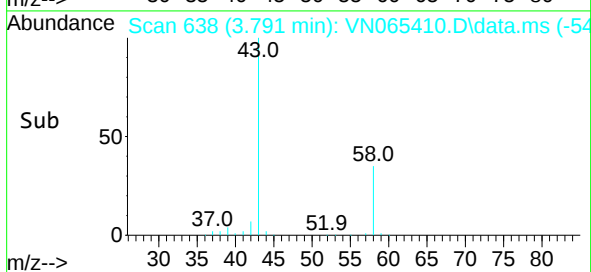
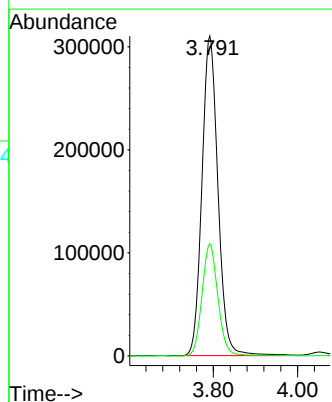
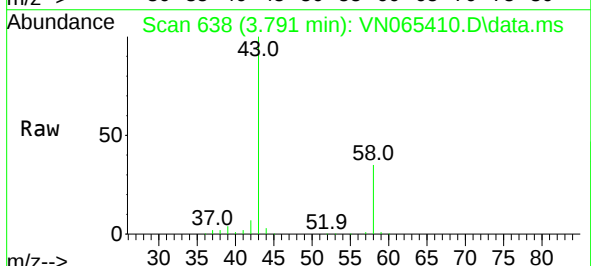
RT: 3.791 min Scan# 638

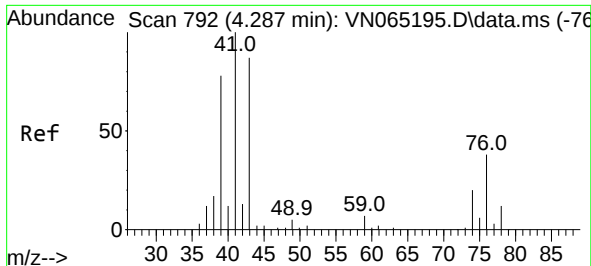
Delta R.T. 0.006 min

Lab File: VN065410.D

Acq: 6 Jan 2021 19:21

Tgt Ion: 43	Resp: 818513
Ion Ratio	Lower Upper
43 100	
58 35.1	25.7 38.5

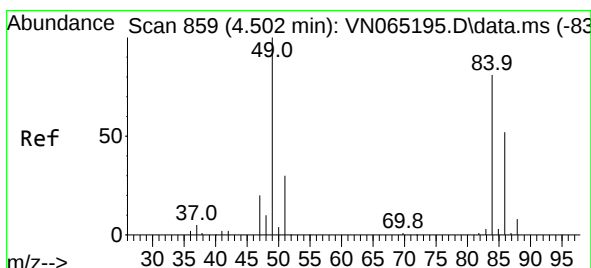
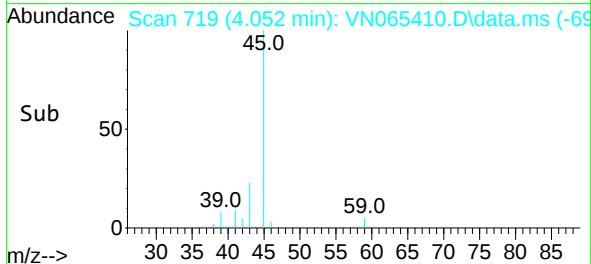
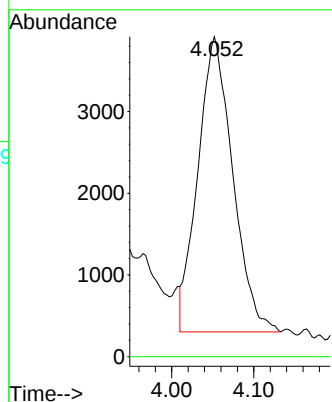
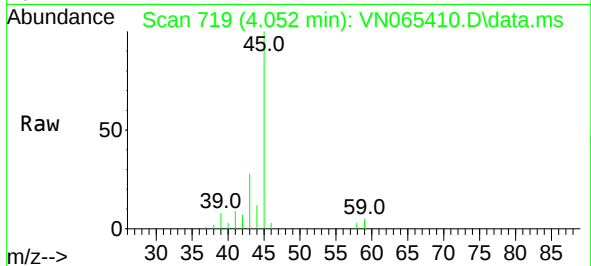




#18
Methyl Acetate
Concen: 4.01 ug/l
RT: 4.052 min Scan# 719
Delta R.T. -0.235 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

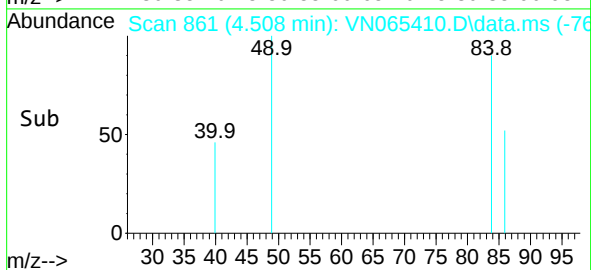
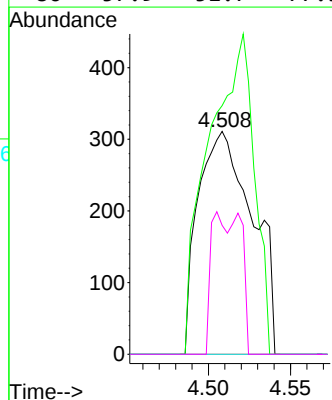
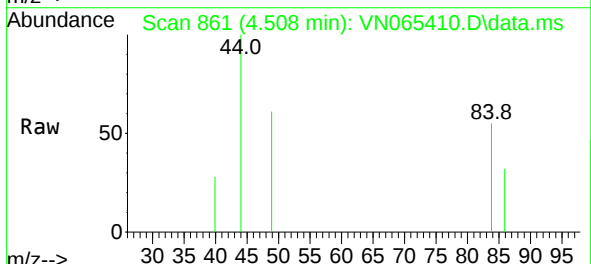
Instrument :
MSVOA_N
ClientSampleId :
41037

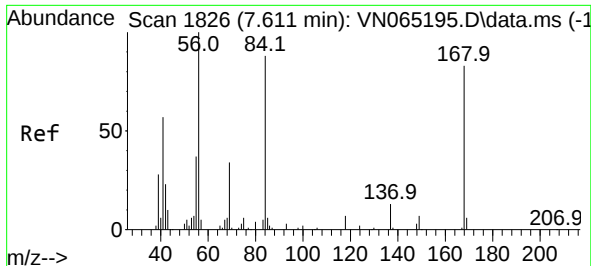
Tgt Ion: 43 Resp: 10643
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

Tgt Ion: 84 Resp: 715
Ion Ratio Lower Upper
84 100
49 111.6 93.4 140.0
51 0.0 28.2 42.4#
86 57.9 51.7 77.5

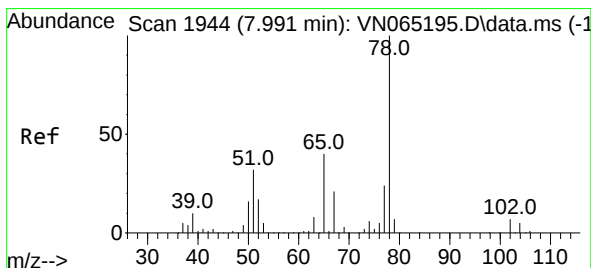
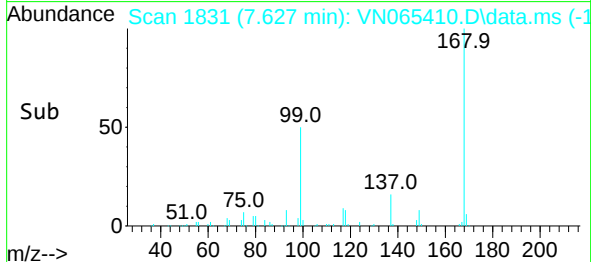
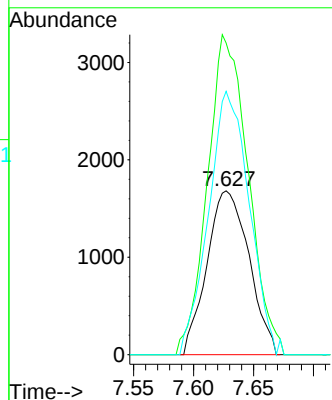
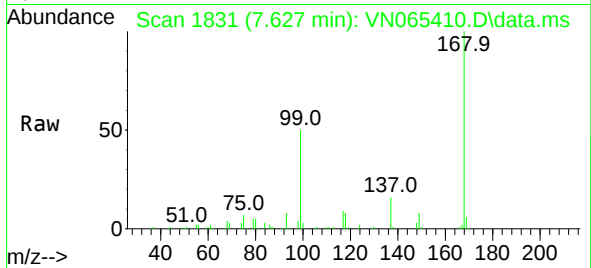




#31
Cyclohexane
Concen: 0.94 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

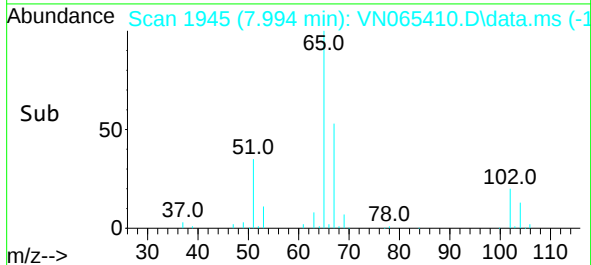
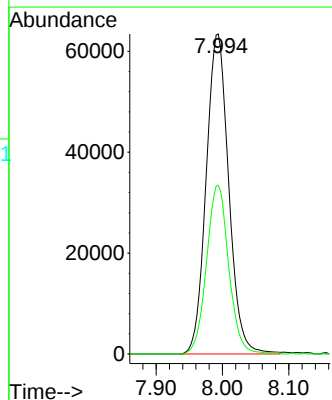
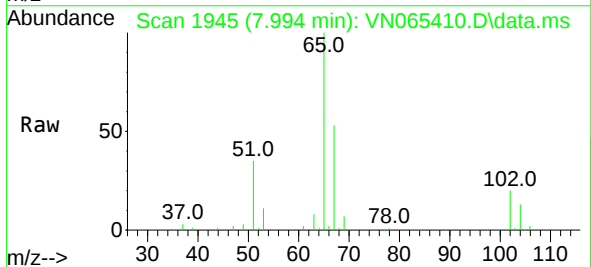
Instrument :
MSVOA_N
ClientSampleId :
41037

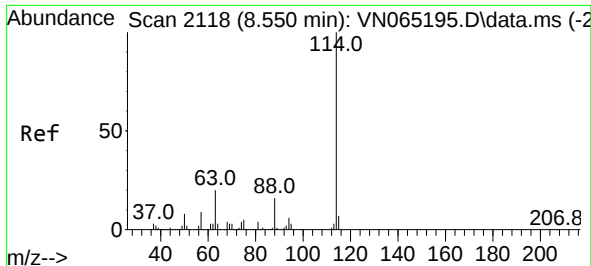
Tgt Ion:	56	Resp:	4096
Ion	Ratio	Lower	Upper
56	100		
69	180.9	27.5	41.3#
84	160.8	73.9	110.9#



#33
1,2-Dichloroethane-d4
Concen: 50.65 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

Tgt Ion:	65	Resp:	149816
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	108.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.553 min Scan# 2119

Delta R.T. 0.003 min

Lab File: VN065410.D

Acq: 6 Jan 2021 19:21

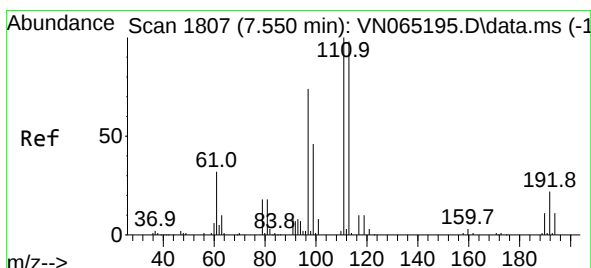
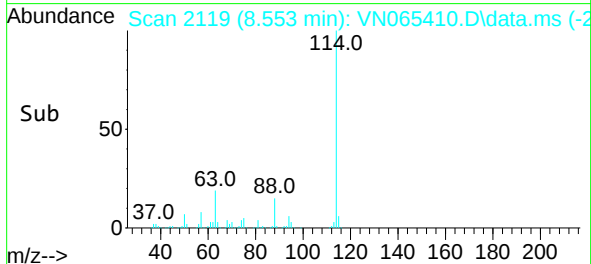
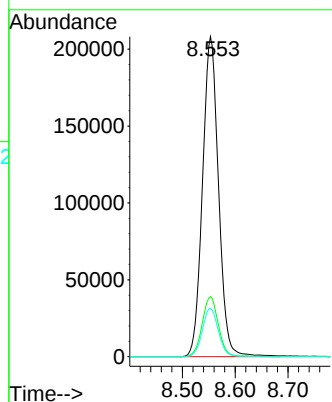
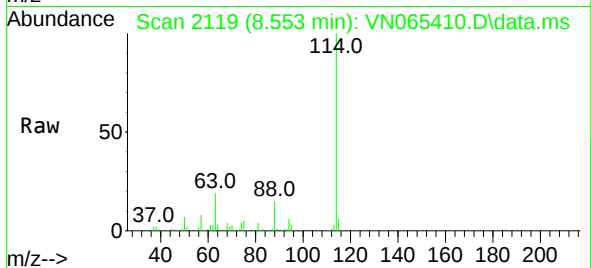
Tgt Ion:114 Resp: 438130

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.34 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN065410.D

Acq: 6 Jan 2021 19:21

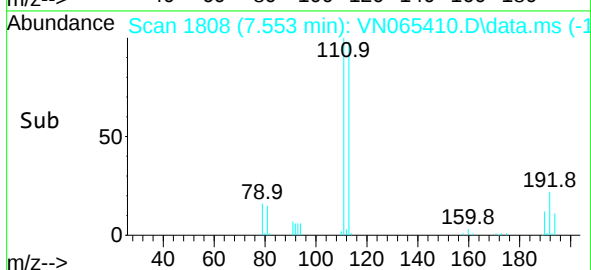
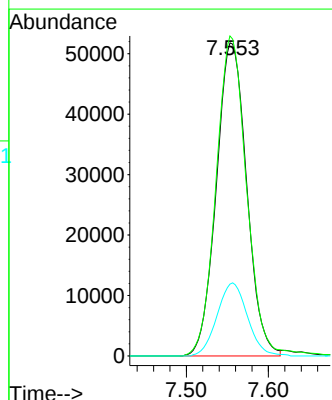
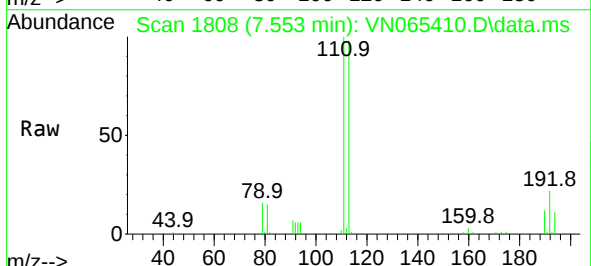
Tgt Ion:113 Resp: 133059

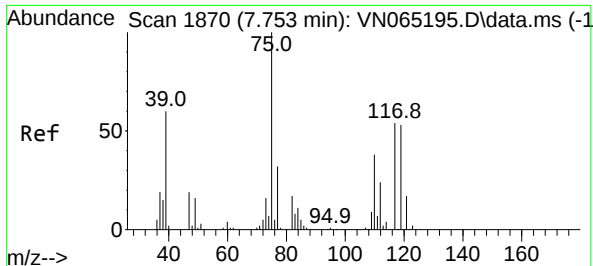
Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

192 23.4 16.2 24.2

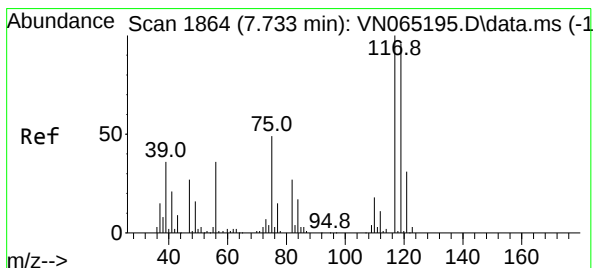
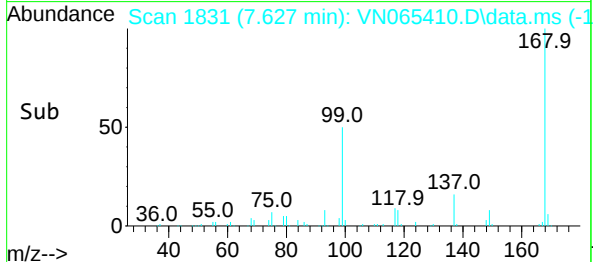
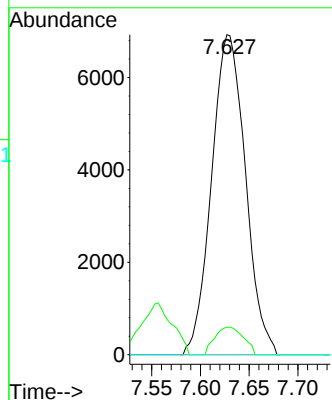
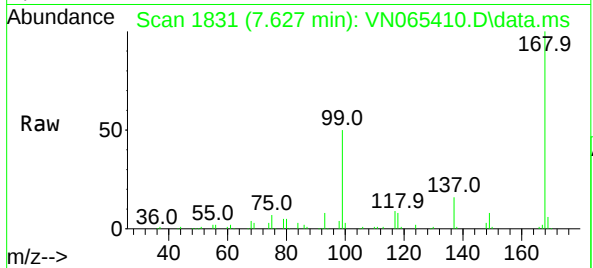




#36
1,1-Dichloropropene
Concen: 4.20 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

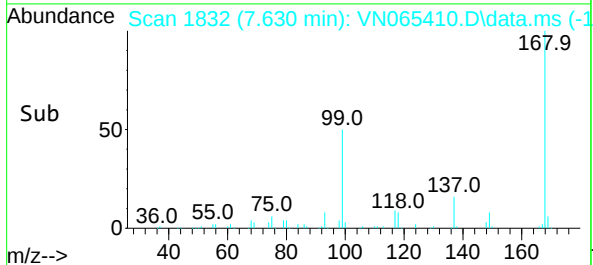
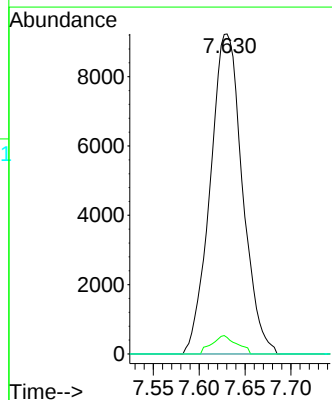
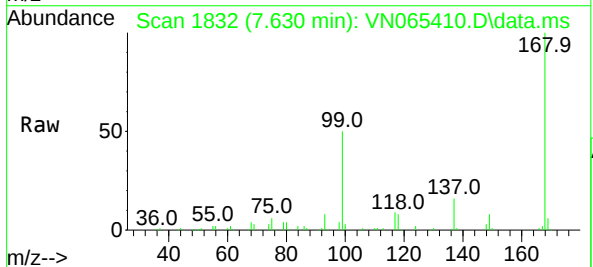
Instrument :
MSVOA_N
ClientSampled :
41037

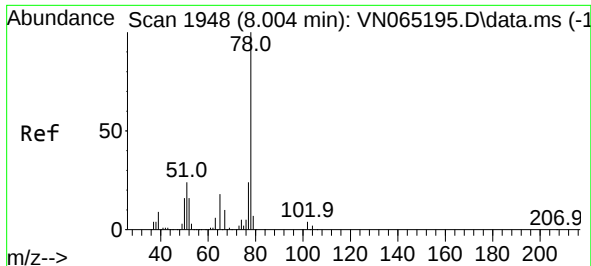
Tgt Ion: 75 Resp: 16725
Ion Ratio Lower Upper
75 100
110 7.3 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. -0.103 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

Tgt Ion: 117 Resp: 22557
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#

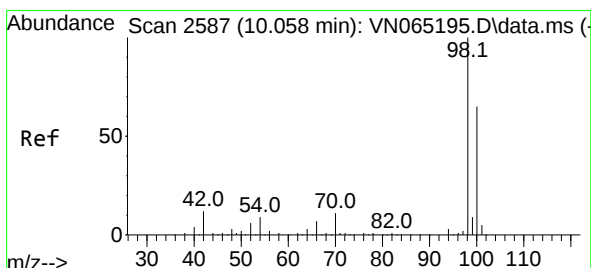
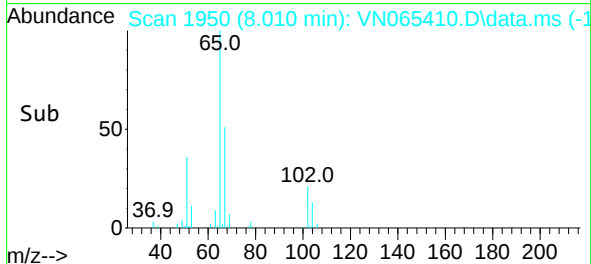
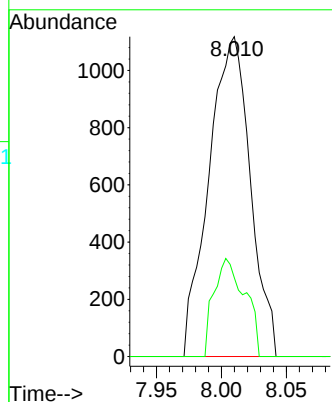
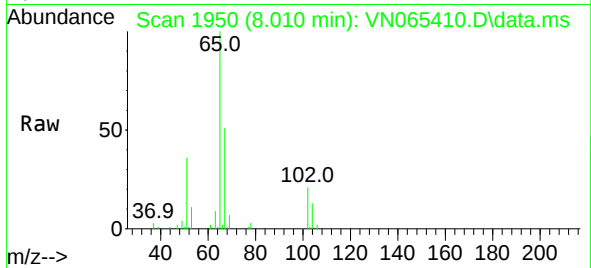




#40
Benzene
Concen: 0.21 ug/l
RT: 8.010 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

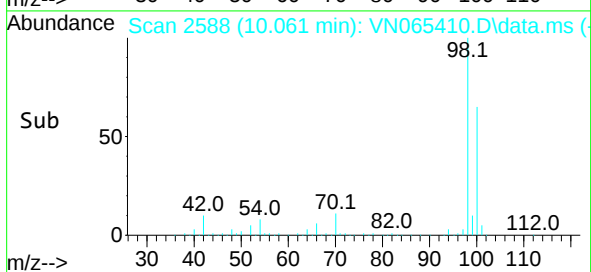
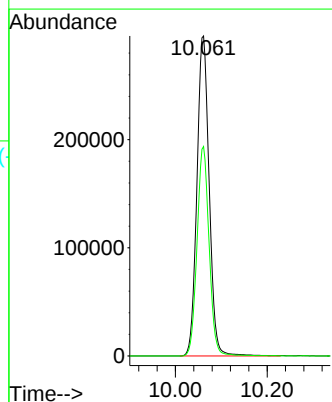
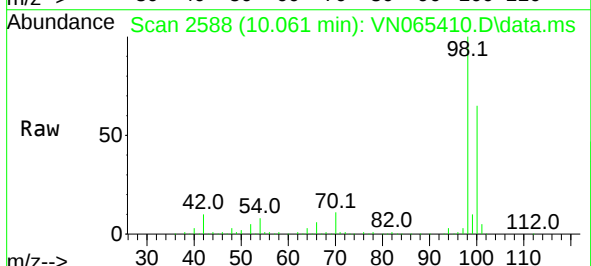
Instrument :
MSVOA_N
ClientSampleId :
41037

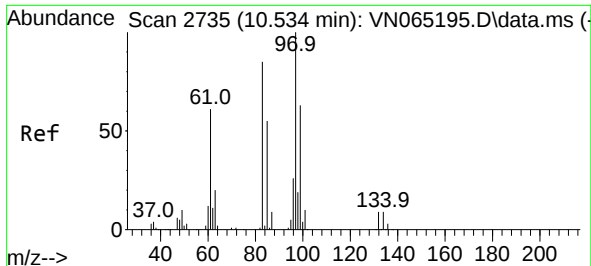
Tgt Ion: 78 Resp: 2488
Ion Ratio Lower Upper
78 100
77 24.7 17.9 26.9



#50
Toluene-d8
Concen: 55.34 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

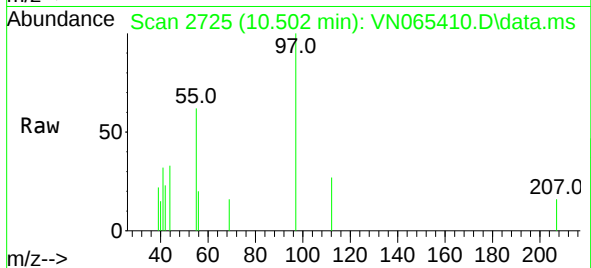
Tgt Ion: 98 Resp: 548232
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



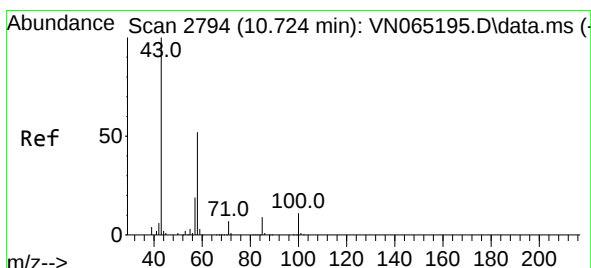
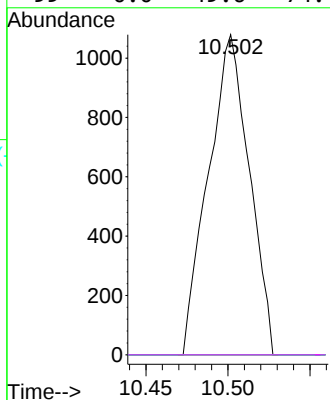
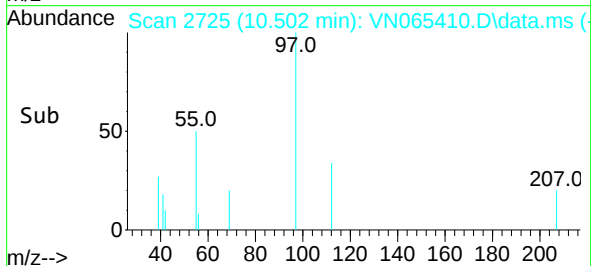


#55
1,1,2-Trichloroethane
Concen: 0.63 ug/l
RT: 10.502 min Scan# 2725
Delta R.T. -0.032 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

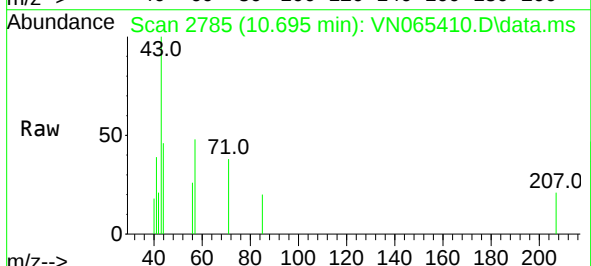
Instrument :
MSVOA_N
ClientSampleId :
41037



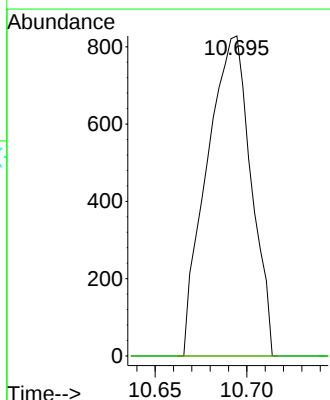
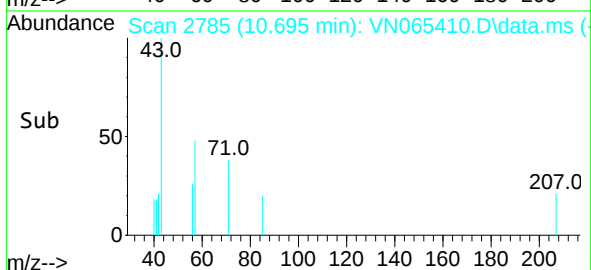
Tgt Ion: 97	Resp: 1866
Ion Ratio	Lower Upper
97 100	
83 0.0	72.1 108.1#
85 0.0	46.8 70.2#
99 0.0	49.6 74.4#

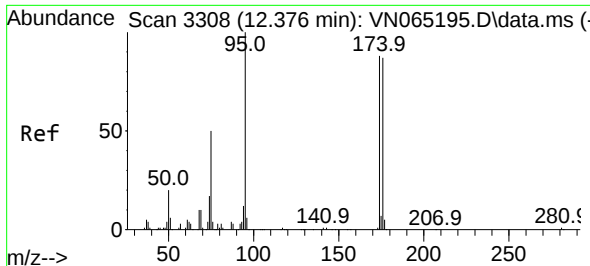


#59
2-Hexanone
Concen: 0.49 ug/l
RT: 10.695 min Scan# 2785
Delta R.T. -0.029 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21



Tgt Ion: 43	Resp: 1387
Ion Ratio	Lower Upper
43 100	
58 0.0	28.3 84.9#

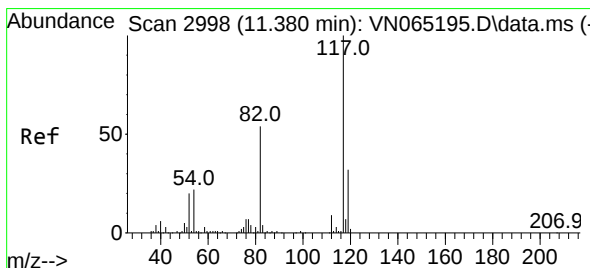
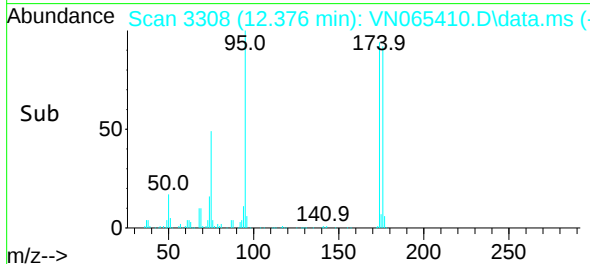
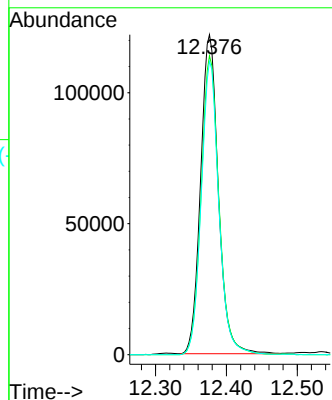
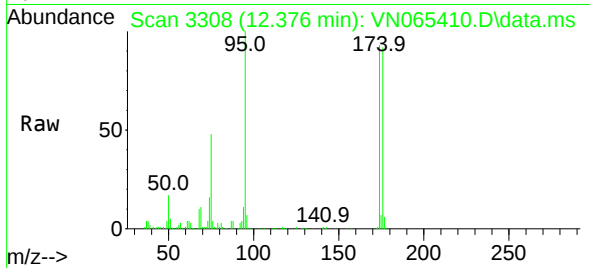




#62
4-Bromofluorobenzene
Concen: 53.78 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

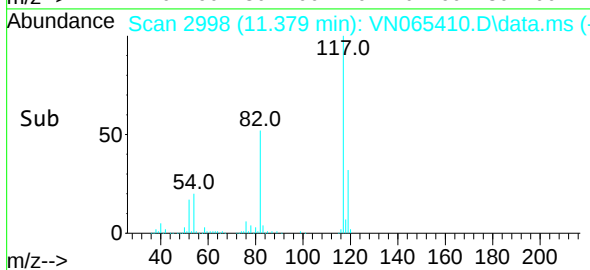
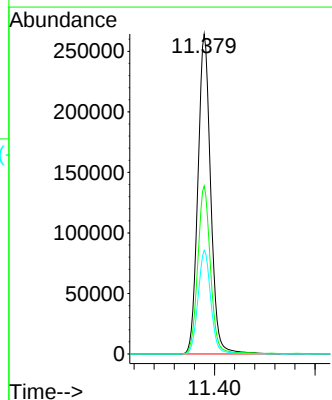
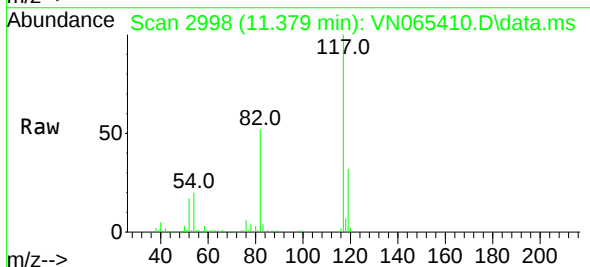
Instrument :
MSVOA_N
ClientSampleId :
41037

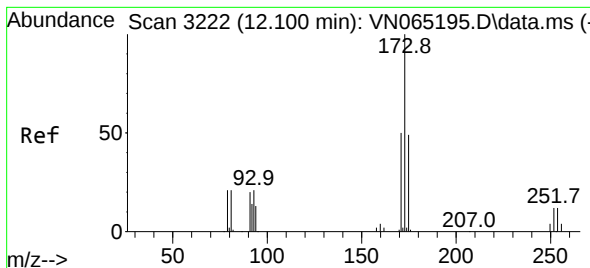
Tgt Ion: 95 Resp: 212412
Ion Ratio Lower Upper
95 100
174 93.9 0.0 160.4
176 90.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

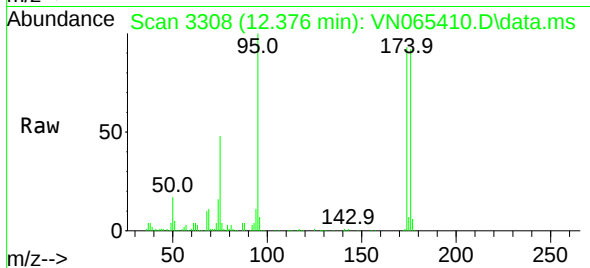
Tgt Ion: 117 Resp: 465971
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.3 25.8 38.6



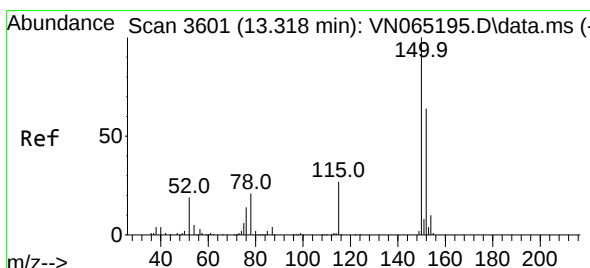
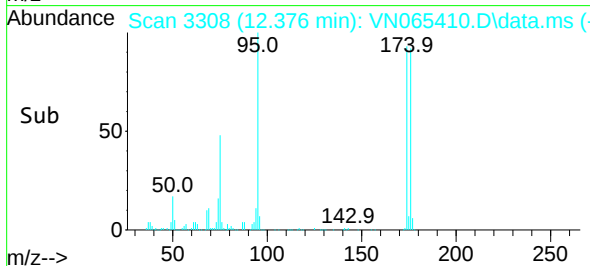
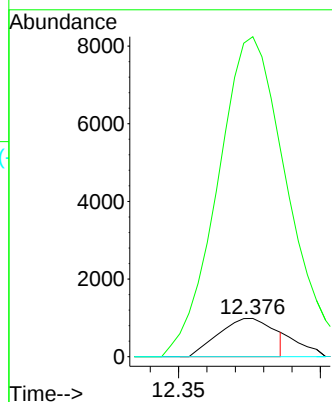


#71
Bromoform
Concen: 0.42 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

Instrument :
MSVOA_N
ClientSampleId :
41037

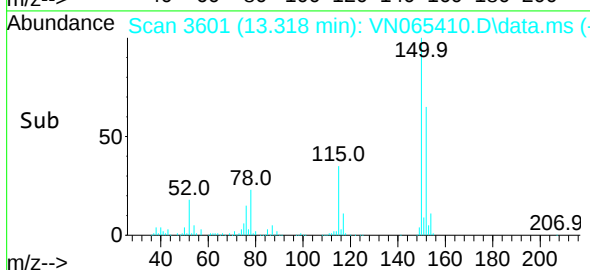
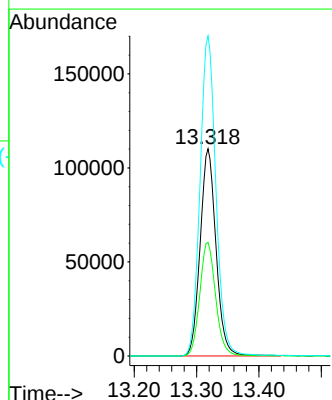
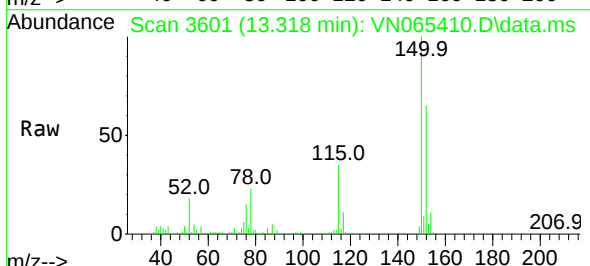


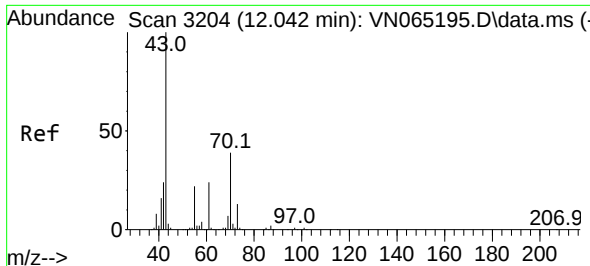
Tgt Ion:173 Resp: 1332
Ion Ratio Lower Upper
173 100
175 871.2 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

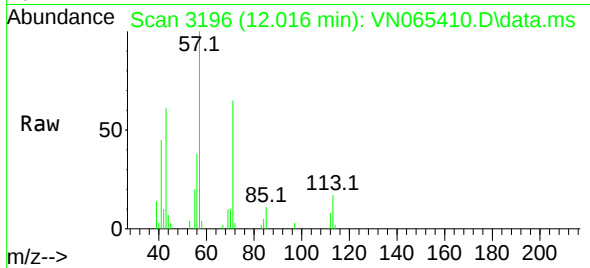
Tgt Ion:152 Resp: 194829
Ion Ratio Lower Upper
152 100
115 54.7 29.7 89.1
150 154.3 0.0 350.6



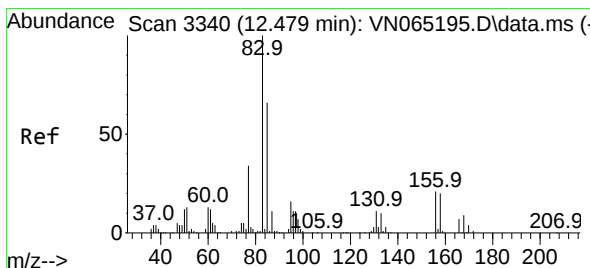
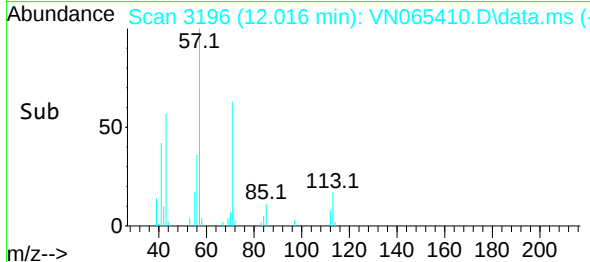
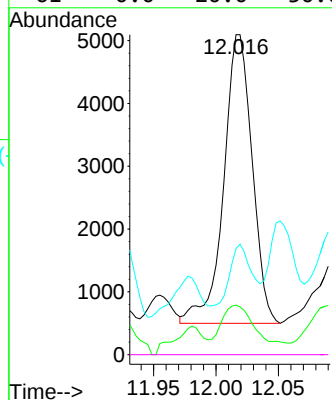


#74
N-amy1 acetate
Concen: 1.24 ug/l
RT: 12.016 min Scan# 3196
Delta R.T. -0.026 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

Instrument :
MSVOA_N
ClientSampled :
41037

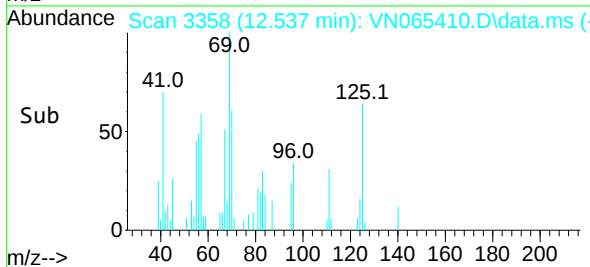
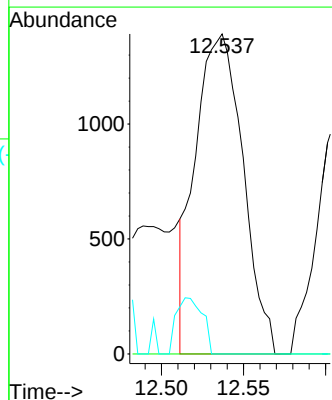
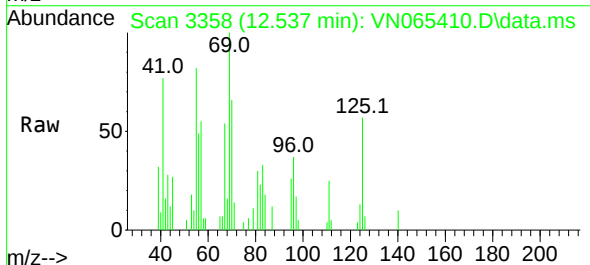


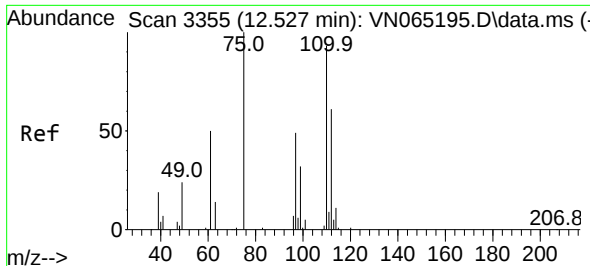
Tgt Ion:	43	Resp:	7307
Ion Ratio	Lower	Upper	
43	100		
70	13.3	34.5	51.7#
55	18.4	20.4	30.6#
61	0.0	20.0	30.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.70 ug/l
RT: 12.537 min Scan# 3358
Delta R.T. 0.058 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

Tgt Ion:	83	Resp:	2804
Ion Ratio	Lower	Upper	
83	100		
131	0.0	5.1	15.3#
85	0.0	33.0	99.0#

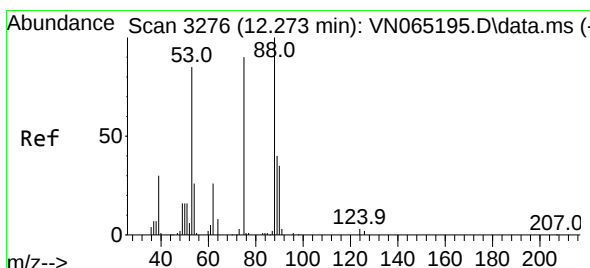
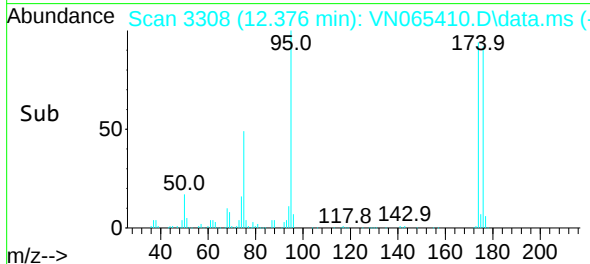
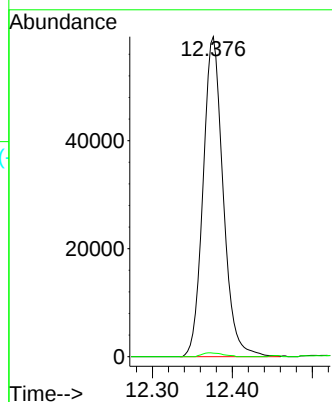
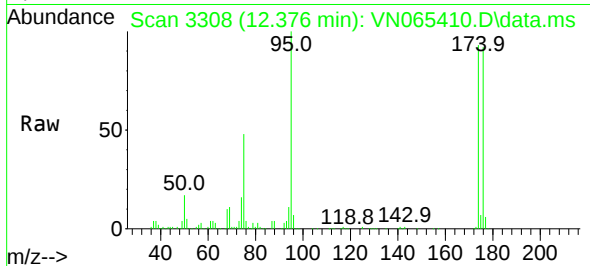




#76
1,2,3-Trichloropropane
Concen: 26.04 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

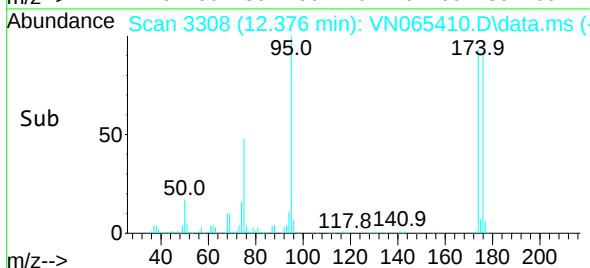
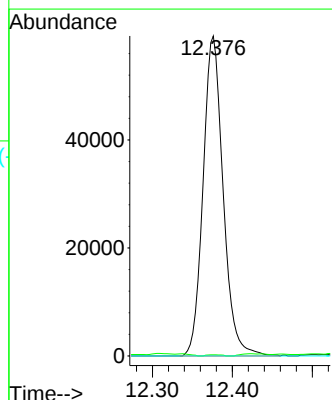
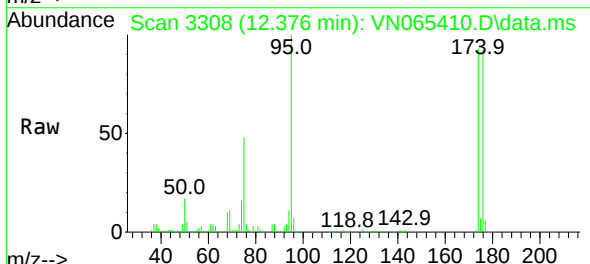
Instrument :
MSVOA_N
ClientSampleId :
41037

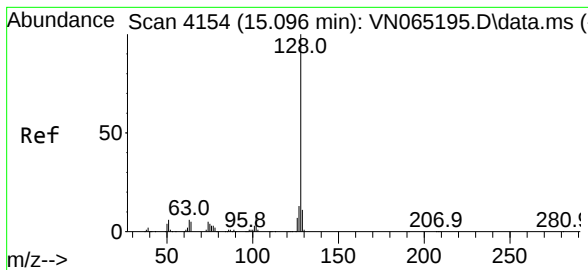
Tgt Ion: 75 Resp: 103483
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.65 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

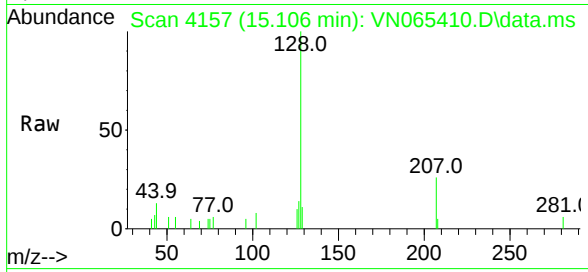
Tgt Ion: 75 Resp: 103483
Ion Ratio Lower Upper
75 100
53 0.3 67.0 100.4#
89 0.0 39.6 59.4#





#95
Naphthalene
Concen: 4.04 ug/l
RT: 15.106 min Scan# 4157
Delta R.T. 0.010 min
Lab File: VN065410.D
Acq: 6 Jan 2021 19:21

Instrument :
MSVOA_N
ClientSampleId :
41037



Tgt Ion:128 Resp: 7199
Ion Ratio Lower Upper
128 100
127 10.1 10.3 15.5#
129 10.8 8.7 13.1

