

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
 Data File : VN065363.D
 Acq On : 31 Dec 2020 22:32
 Operator : JC/MD
 Sample : L5242-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-6(444+26)

Quant Time: Jan 01 01:56:07 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)

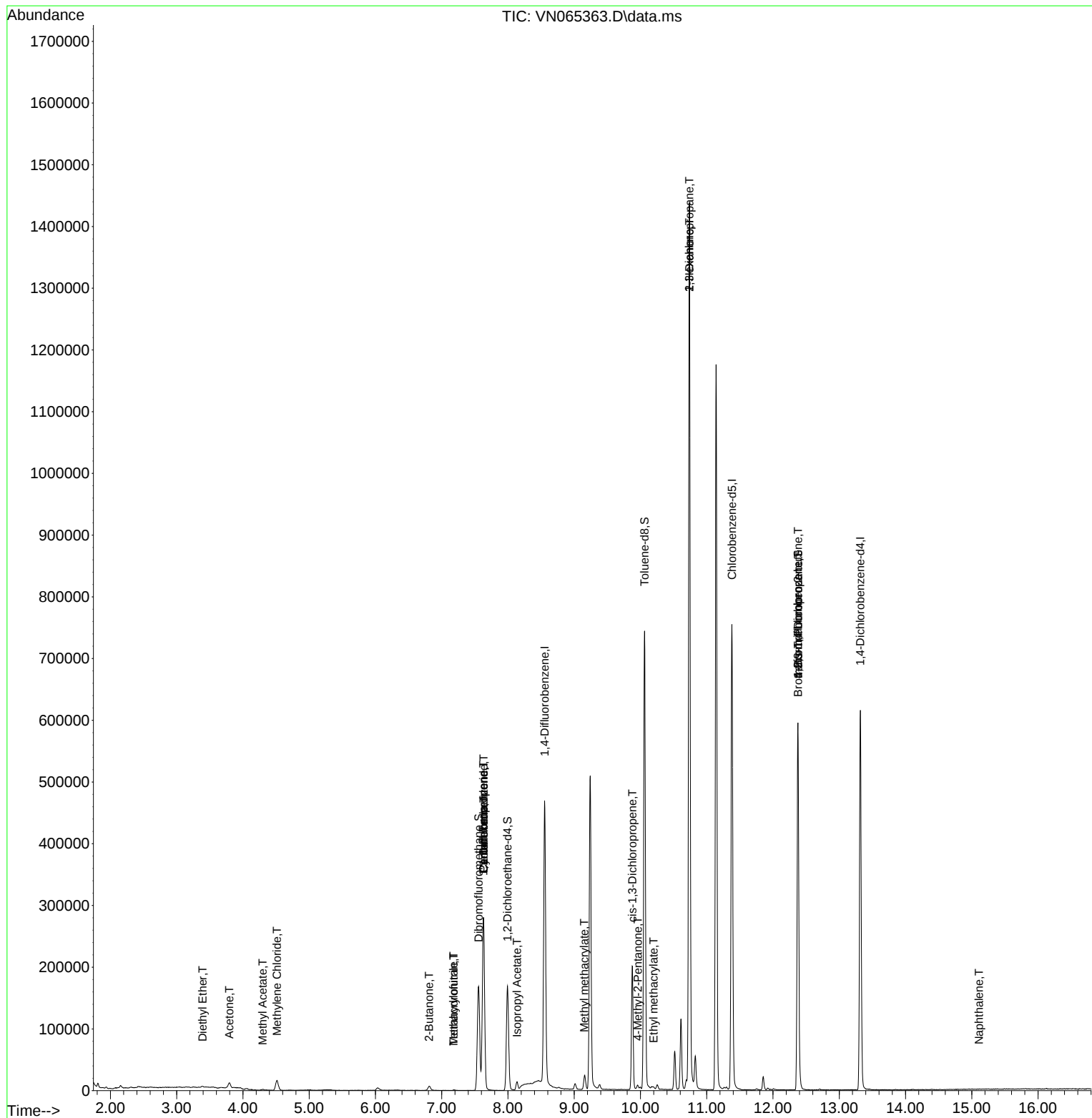
Internal Standards						
1) Pentafluorobenzene	7.631	168	258296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	433429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	464466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	189618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.994	65	148793	51.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.06%			
35) Dibromofluoromethane	7.557	113	131835	50.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.84%			
50) Toluene-d8	10.061	98	542307	55.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.66%			
62) 4-Bromofluorobenzene	12.376	95	209250	53.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.16%			
Target Compounds						Qvalue
8) Diethyl Ether	3.393	74	717	0.43	ug/l #	39
16) Acetone	3.795	43	14318	0.98	ug/l	96
18) Methyl Acetate	4.300	43	2842	1.09	ug/l #	68
20) Methylene Chloride	4.515	84	12737	4.48	ug/l	94
25) 2-Butanone	6.807	43	5587	3.41	ug/l	97
29) Tetrahydrofuran	7.180	42	369	0.35	ug/l #	52
31) Cyclohexane	7.631	56	4134	0.96	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	16008	4.06	ug/l #	50
38) Carbon Tetrachloride	7.631	117	21487	5.19	ug/l #	17
41) Methacrylonitrile	7.180	41	427	0.21	ug/l #	13
43) Isopropyl Acetate	8.135	43	15990	2.38	ug/l	96
48) Methyl methacrylate	9.151	41	5440	1.66	ug/l #	22
51) 4-Methyl-2-Pentanone	9.958	43	5497	1.45	ug/l	88
54) cis-1,3-Dichloropropene	9.878	75	38205	7.31	ug/l #	60
56) Ethyl methacrylate	10.200	69	2689	0.59	ug/l #	76
57) 1,3-Dichloropropane	10.737	76	15200	3.15	ug/l #	42
59) 2-Hexanone	10.737	43	209902	75.43	ug/l #	49
71) Bromoform	12.380	173	1344	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.376	75	100504	25.98	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	100504	65.51	ug/l #	15
95) Naphthalene	15.109	128	136	3.38	ug/l #	69

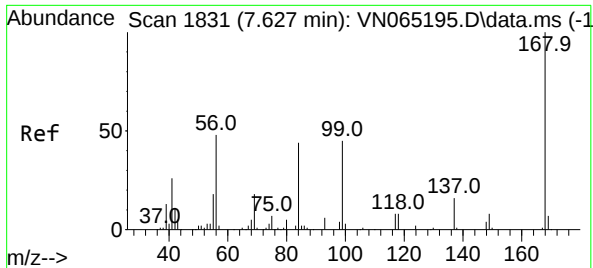
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123120\
Data File : VN065363.D
Acq On : 31 Dec 2020 22:32
Operator : JC/MD
Sample : L5242-20
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

Quant Time: Jan 01 01:56:07 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

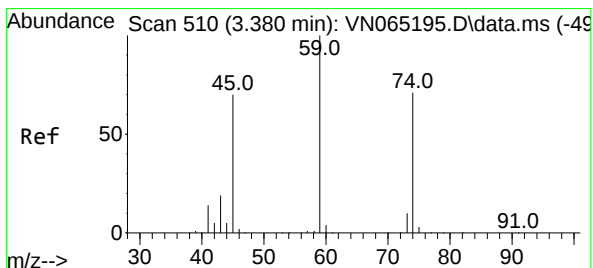
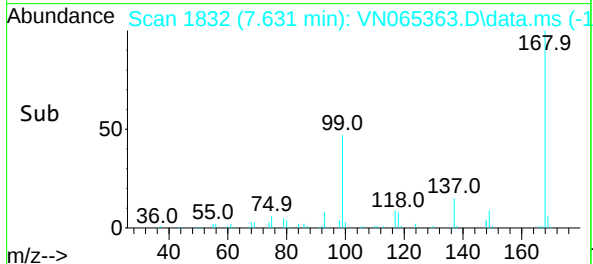
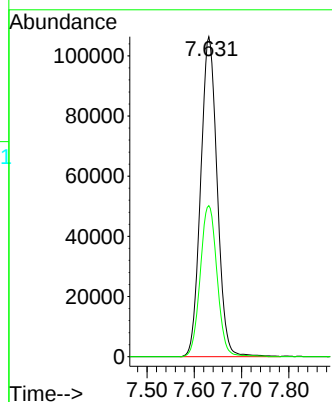
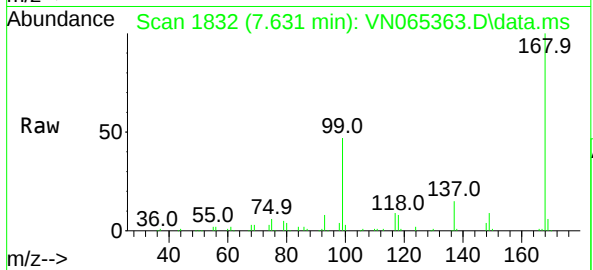




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

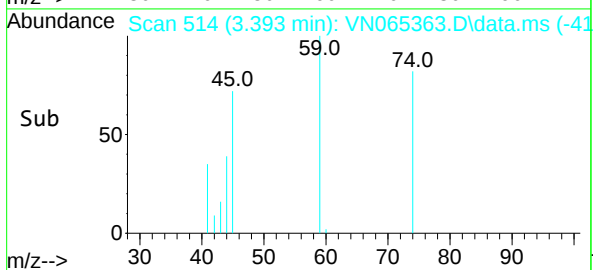
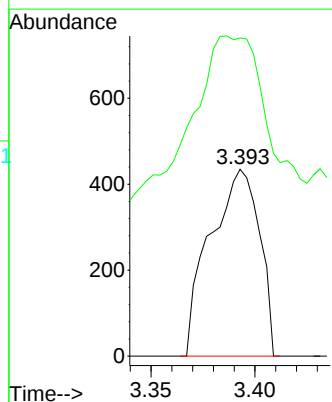
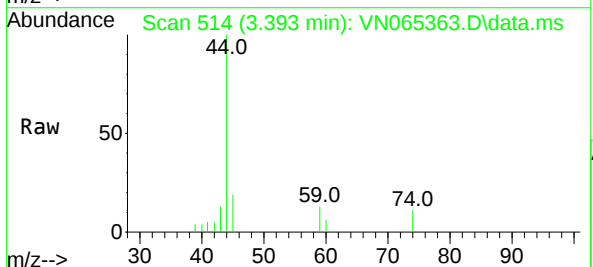
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

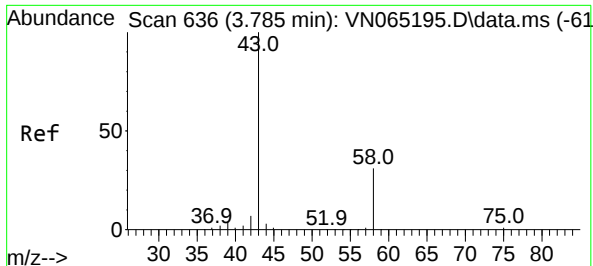
Tgt Ion:168 Resp: 258296
Ion Ratio Lower Upper
168 100
99 47.2 43.0 64.4



#8
Diethyl Ether
Concen: 0.43 ug/l
RT: 3.393 min Scan# 514
Delta R.T. 0.013 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Tgt Ion: 74 Resp: 717
Ion Ratio Lower Upper
74 100
45 158.0 48.9 146.8#

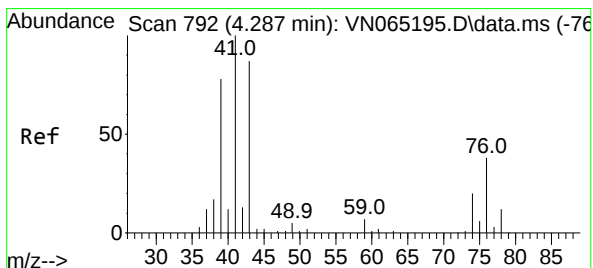
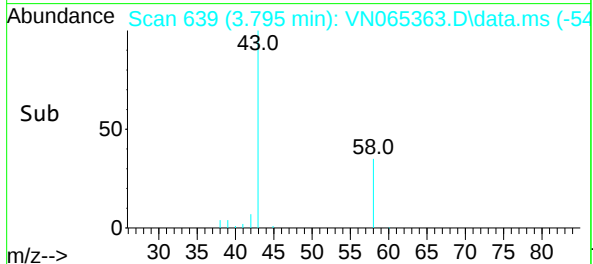
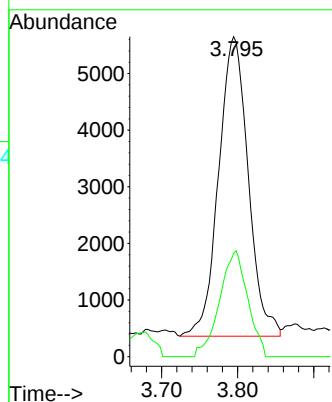
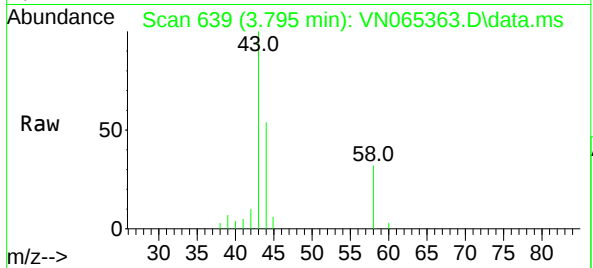




#16
Acetone
Concen: 0.98 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

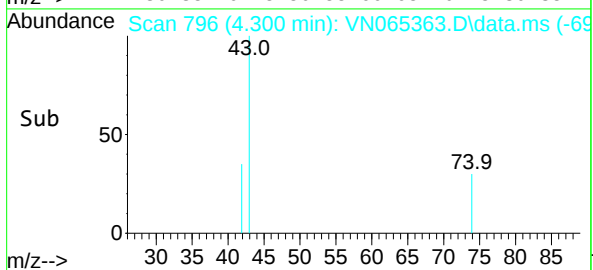
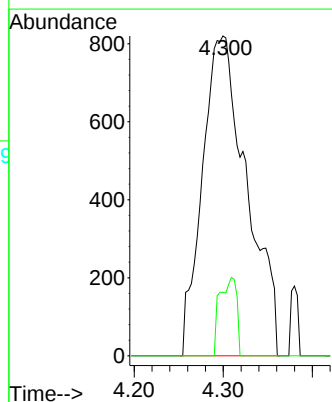
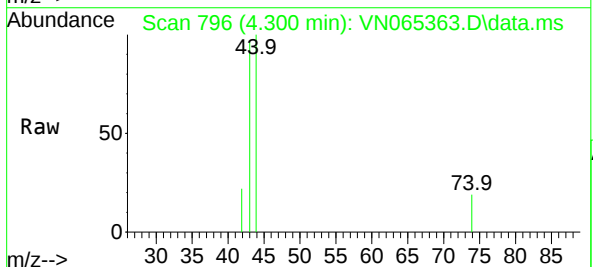
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

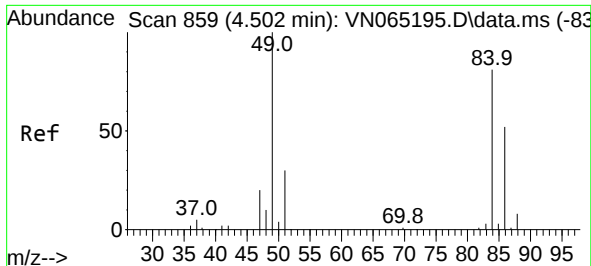
Tgt Ion: 43 Resp: 14318
Ion Ratio Lower Upper
43 100
58 34.5 25.7 38.5



#18
Methyl Acetate
Concen: 1.09 ug/l
RT: 4.300 min Scan# 796
Delta R.T. 0.013 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

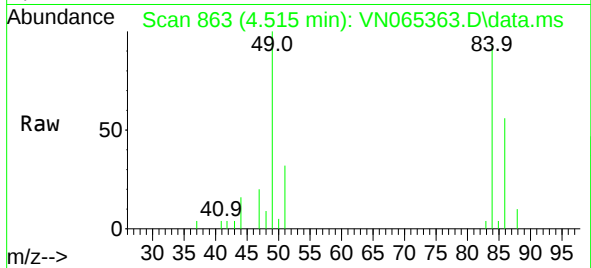
Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
74 9.3 20.2 30.2#



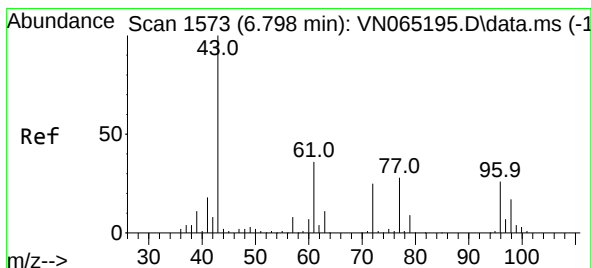
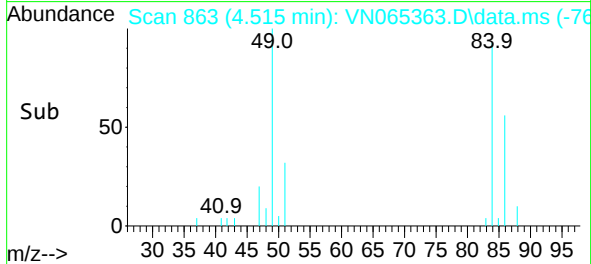
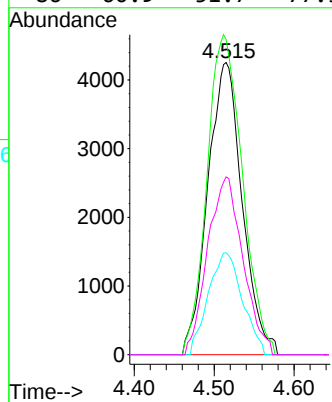


#20
Methylene Chloride
Concen: 4.48 ug/l
RT: 4.515 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

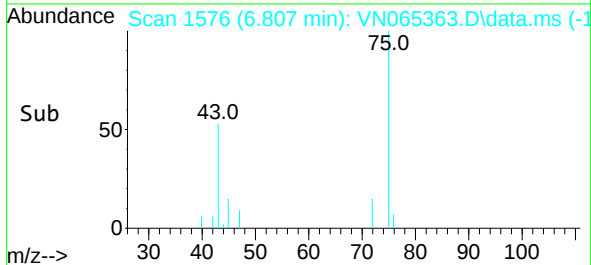
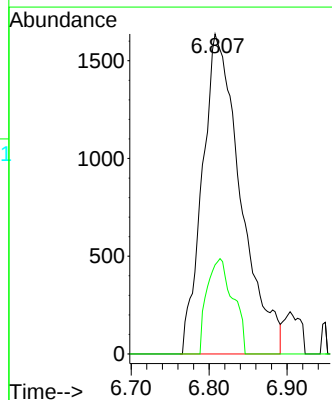
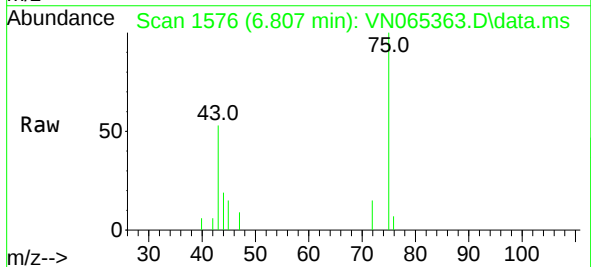


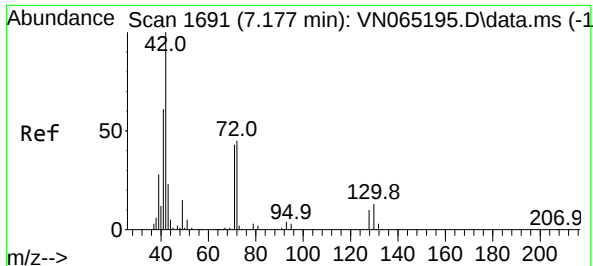
Tgt Ion:	84	Resp:	12737
Ion	Ratio	Lower	Upper
84	100		
49	107.9	93.4	140.0
51	34.9	28.2	42.4
86	60.9	51.7	77.5



#25
2-Butanone
Concen: 3.41 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Tgt Ion:	43	Resp:	5587
Ion	Ratio	Lower	Upper
43	100		
72	27.9	21.0	31.6





#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 7.180 min Scan# 1692

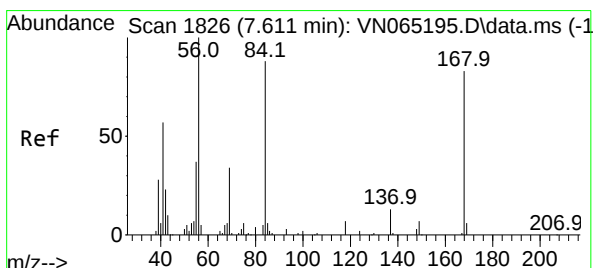
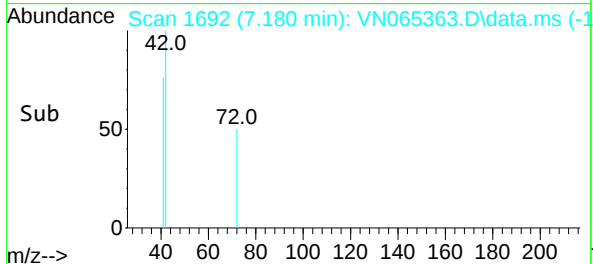
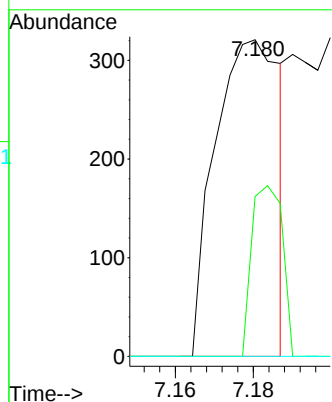
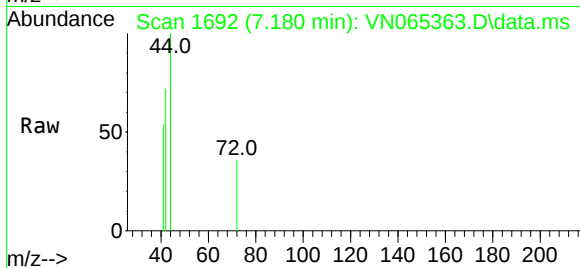
Delta R.T. 0.003 min

Lab File: VN065363.D

Acq: 31 Dec 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

Tgt Ion:	42	Resp:	369
Ion	Ratio	Lower	Upper
42	100		
72	25.7	36.6	54.8#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 0.96 ug/l

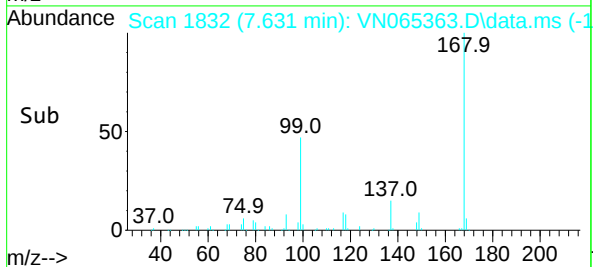
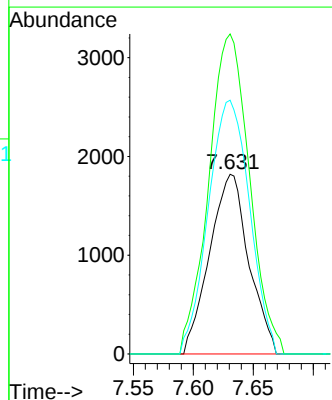
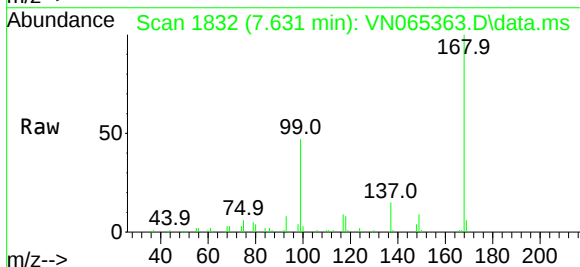
RT: 7.631 min Scan# 1832

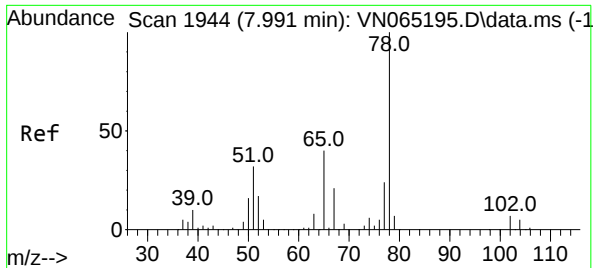
Delta R.T. 0.020 min

Lab File: VN065363.D

Acq: 31 Dec 2020 22:32

Tgt Ion:	56	Resp:	4134
Ion	Ratio	Lower	Upper
56	100		
69	178.0	27.5	41.3#
84	141.2	73.9	110.9#

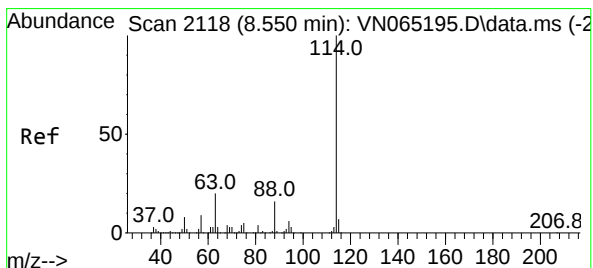
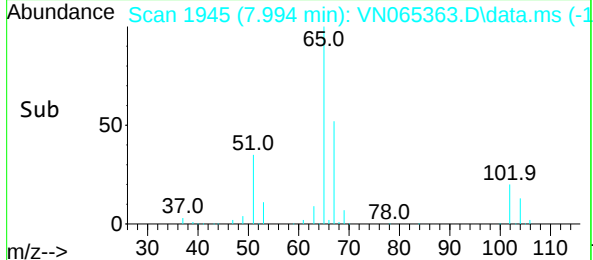
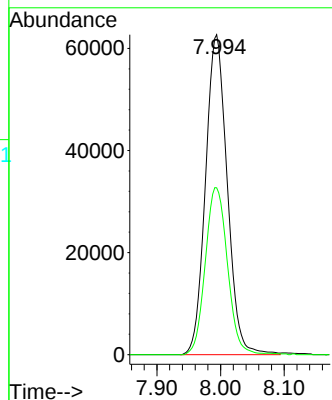
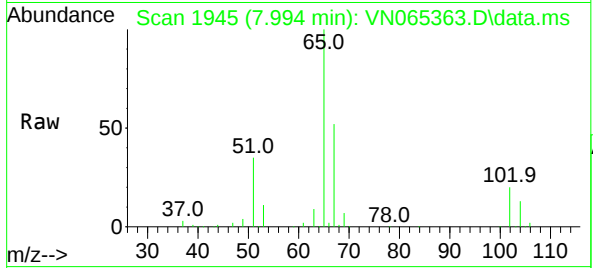




#33
1,2-Dichloroethane-d4
Concen: 51.03 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

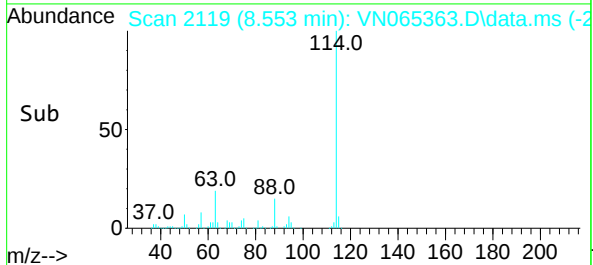
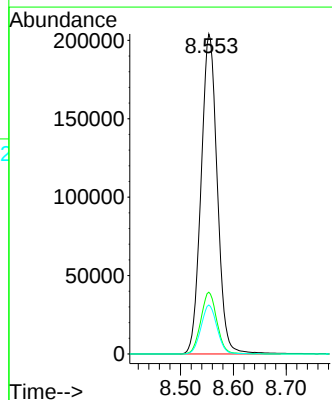
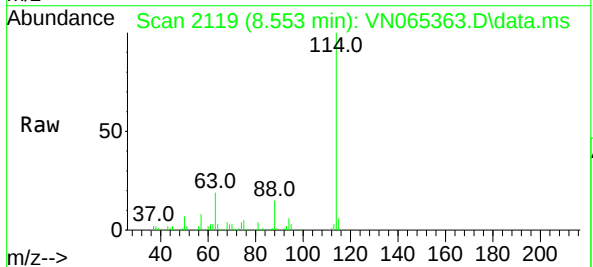
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

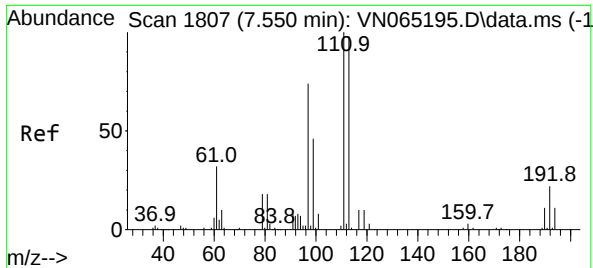
Tgt Ion: 65 Resp: 148793
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Tgt Ion: 114 Resp: 433429
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.3 0.0 32.6

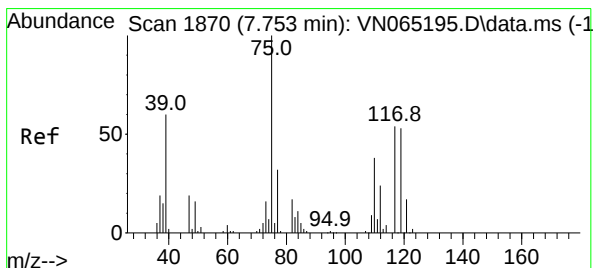
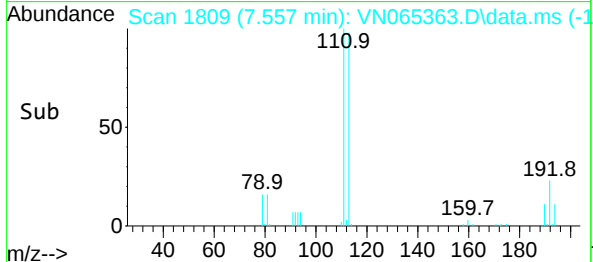
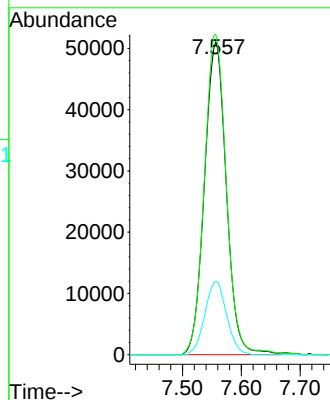
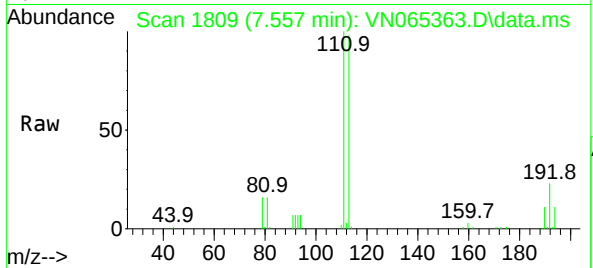




#35
Dibromofluoromethane
Concen: 50.42 ug/l
RT: 7.557 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

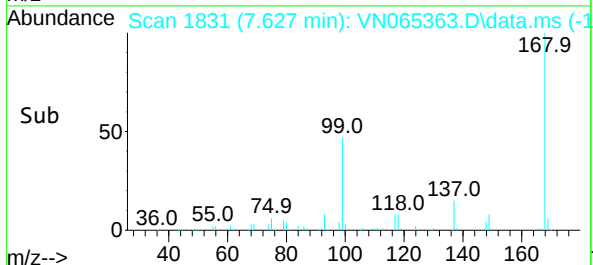
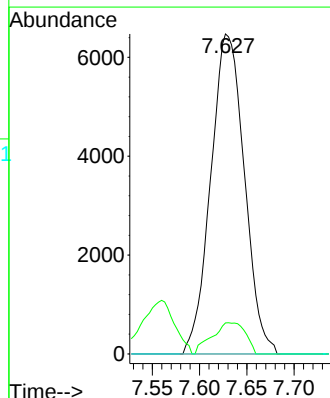
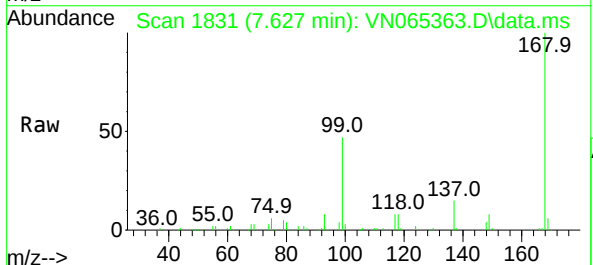
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

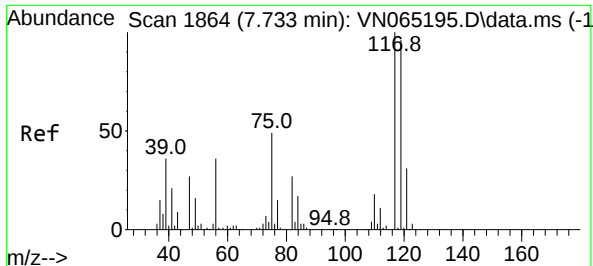
Tgt Ion:113 Resp: 131835
Ion Ratio Lower Upper
113 100
111 101.5 81.6 122.4
192 23.3 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.06 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

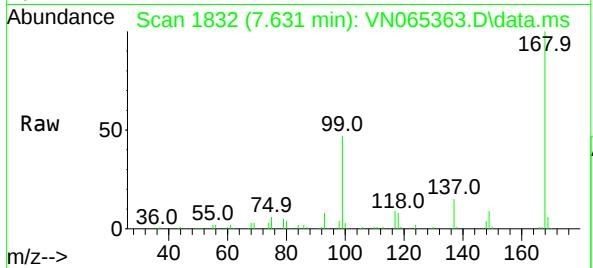
Tgt Ion: 75 Resp: 16008
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.3#
77 0.0 25.0 37.4#



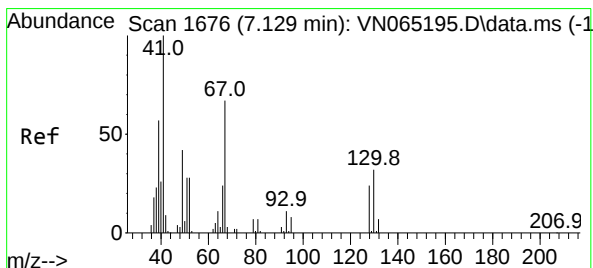
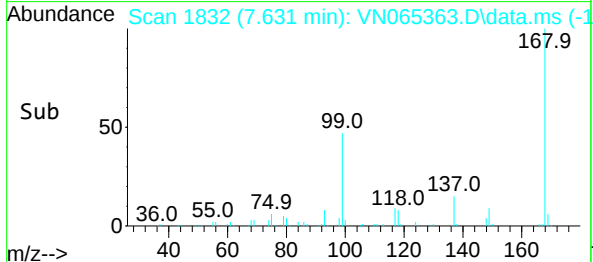
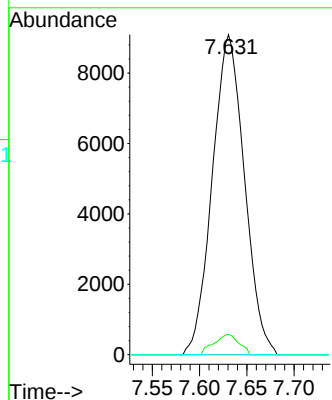


#38
Carbon Tetrachloride
Concen: 5.19 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. -0.102 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

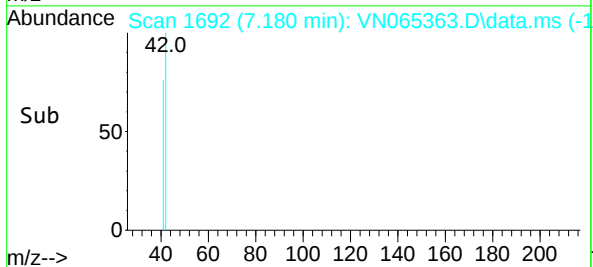
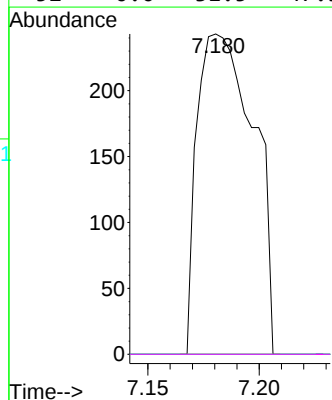
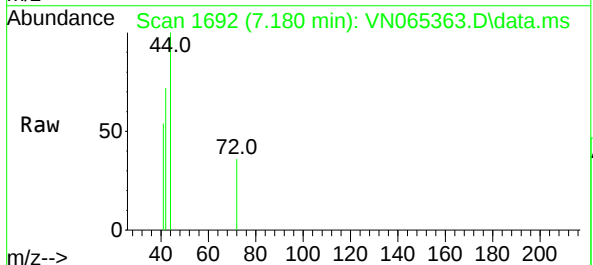


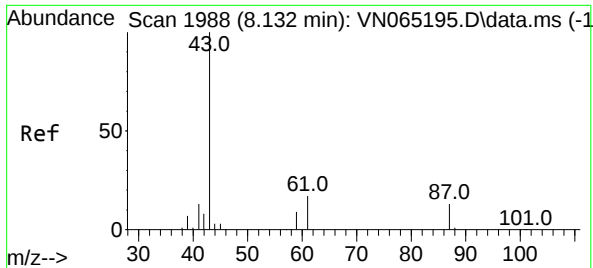
Tgt Ion:117 Resp: 21487
Ion Ratio Lower Upper
117 100
119 6.3 76.7 115.1#
121 0.0 25.4 38.2#



#41
Methacrylonitrile
Concen: 0.21 ug/l
RT: 7.180 min Scan# 1692
Delta R.T. 0.051 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Tgt Ion: 41 Resp: 427
Ion Ratio Lower Upper
41 100
39 0.0 51.0 76.6#
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#

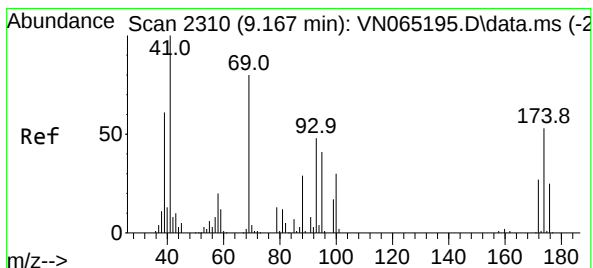
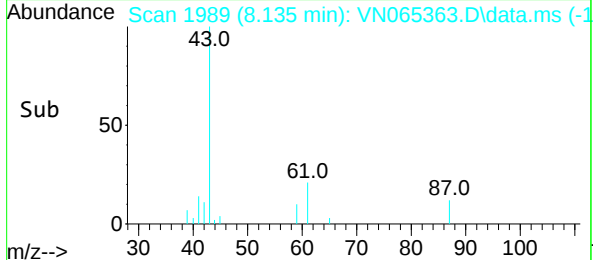
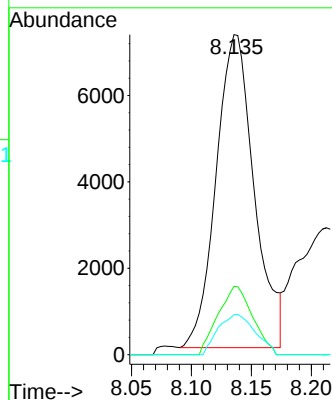
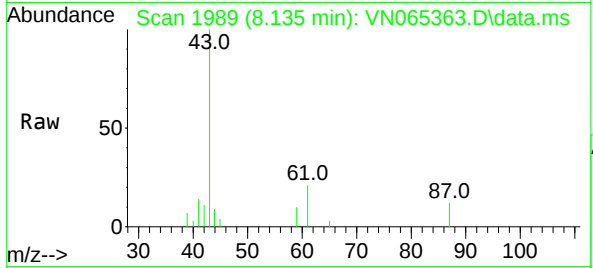




#43
Isopropyl Acetate
Concen: 2.38 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

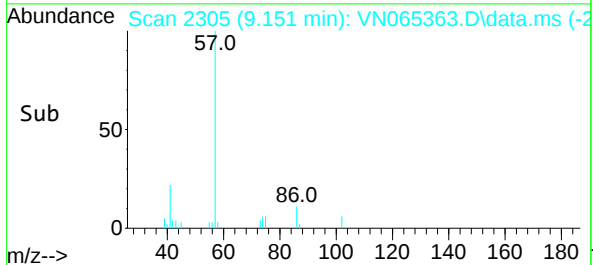
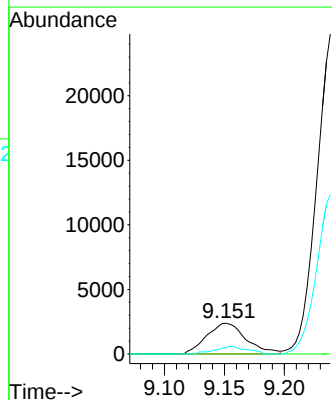
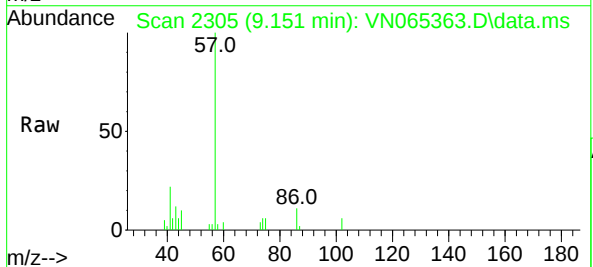
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

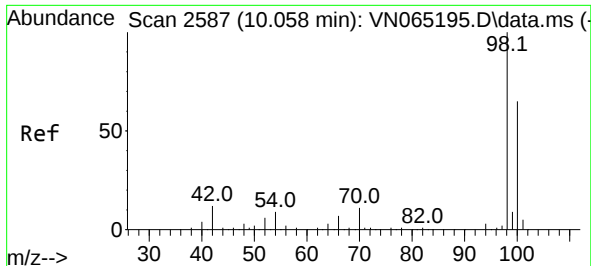
Tgt Ion: 43	Resp: 15990
Ion Ratio	Lower Upper
43	100
61	19.8 17.2 25.8
87	12.5 11.4 17.0



#48
Methyl methacrylate
Concen: 1.66 ug/l
RT: 9.151 min Scan# 2305
Delta R.T. -0.016 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Tgt Ion: 41	Resp: 5440
Ion Ratio	Lower Upper
41	100
69	0.0 71.8 107.8#
39	19.9 44.1 66.1#

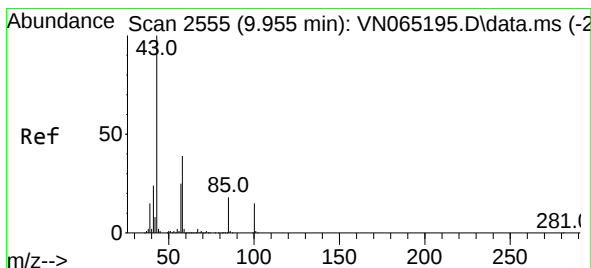
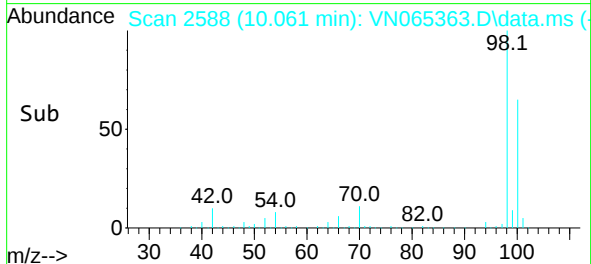
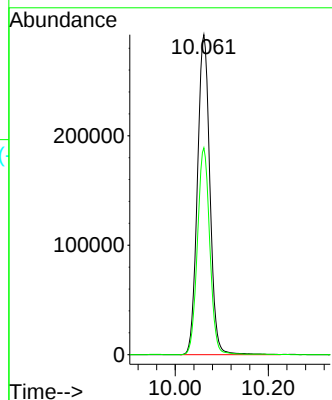
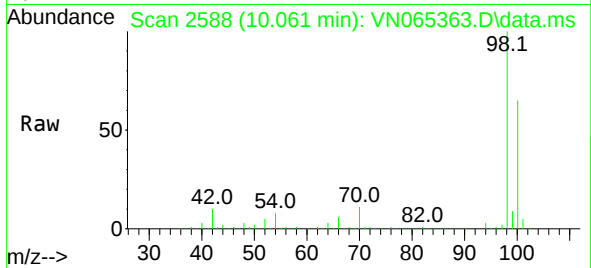




#50
Toluene-d8
Concen: 55.33 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

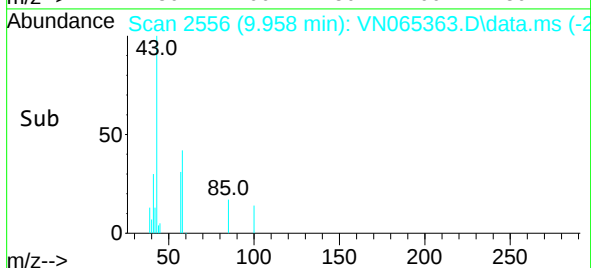
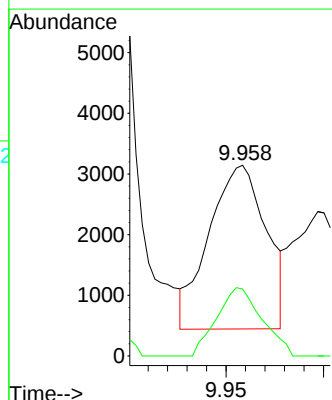
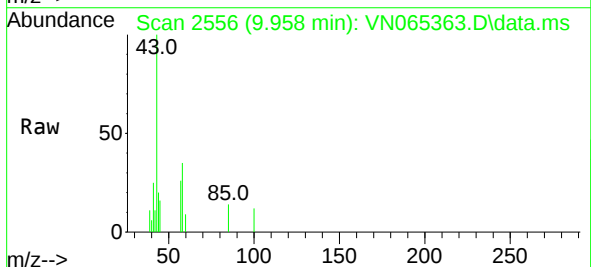
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

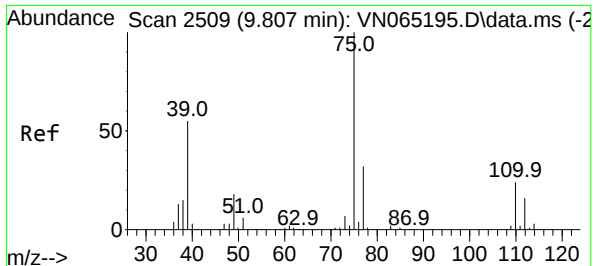
Tgt Ion: 98 Resp: 542307
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.45 ug/l
RT: 9.958 min Scan# 2556
Delta R.T. 0.003 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Tgt Ion: 43 Resp: 5497
Ion Ratio Lower Upper
43 100
58 33.1 32.4 48.6

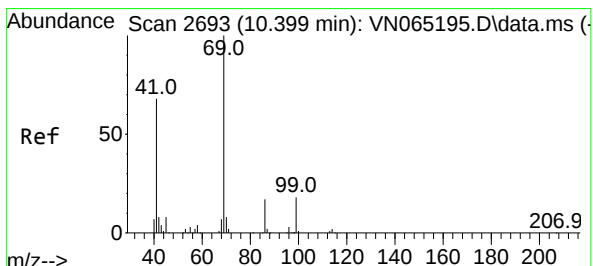
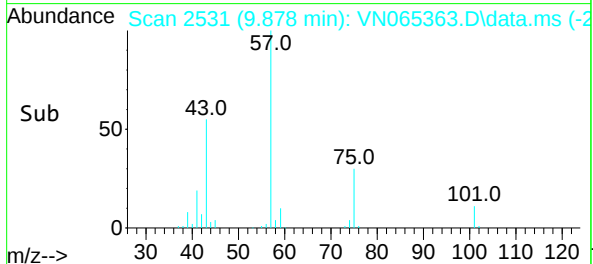
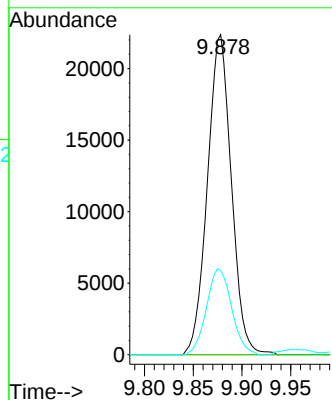
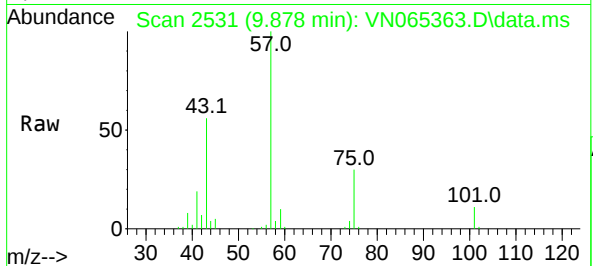




#54
 cis-1,3-Dichloropropene
 Concen: 7.31 ug/l
 RT: 9.878 min Scan# 2531
 Delta R.T. 0.071 min
 Lab File: VN065363.D
 Acq: 31 Dec 2020 22:32

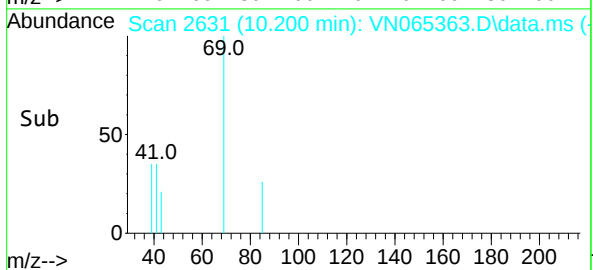
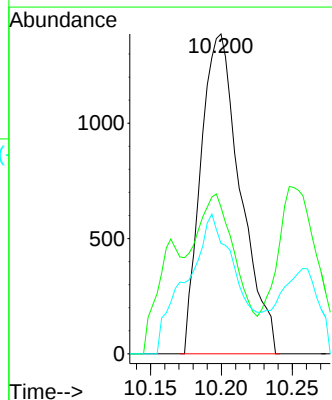
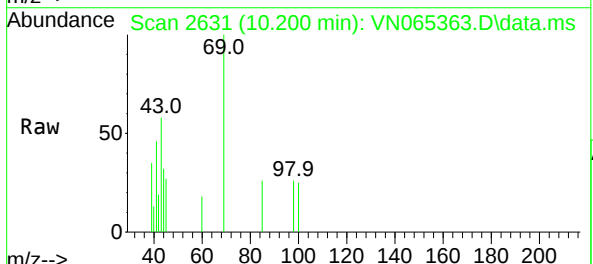
Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-6(444+26)

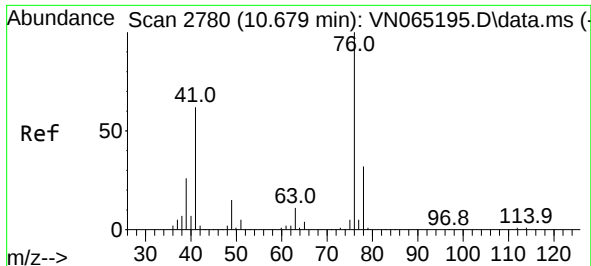
Tgt Ion: 75 Resp: 38205
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 26.3 35.6 53.4#



#56
 Ethyl methacrylate
 Concen: 0.59 ug/l
 RT: 10.200 min Scan# 2631
 Delta R.T. -0.199 min
 Lab File: VN065363.D
 Acq: 31 Dec 2020 22:32

Tgt Ion: 69 Resp: 2689
 Ion Ratio Lower Upper
 69 100
 41 50.1 49.4 74.0
 39 54.7 25.9 38.9#

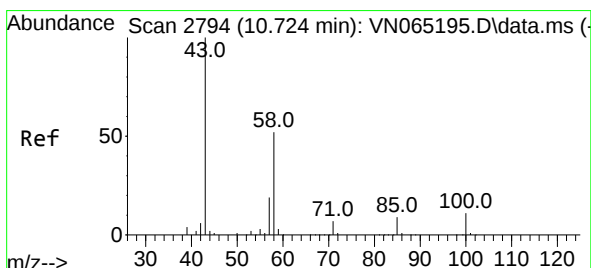
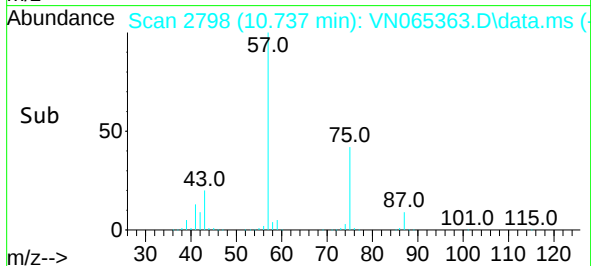
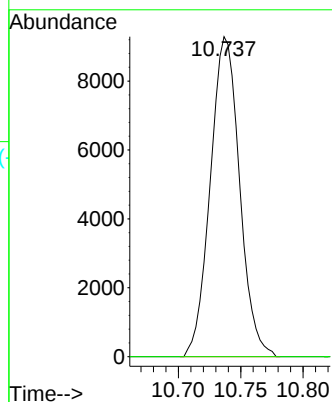
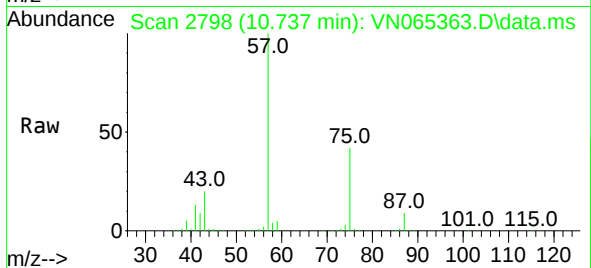




#57
1,3-Dichloropropane
Concen: 3.15 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.058 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

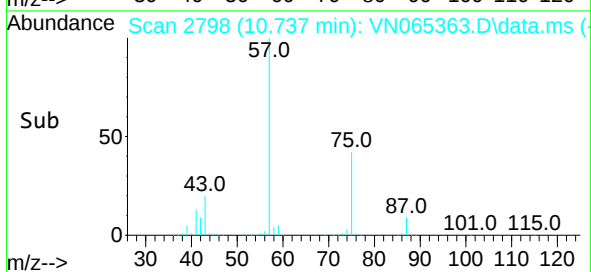
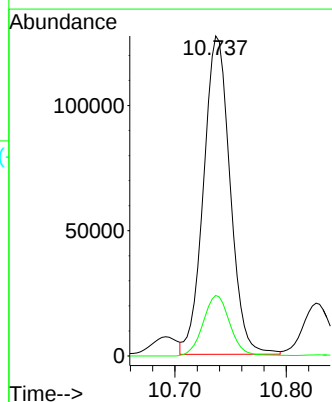
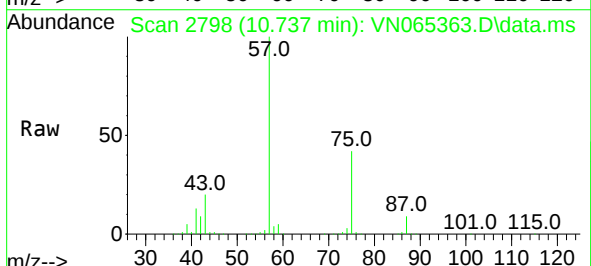
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

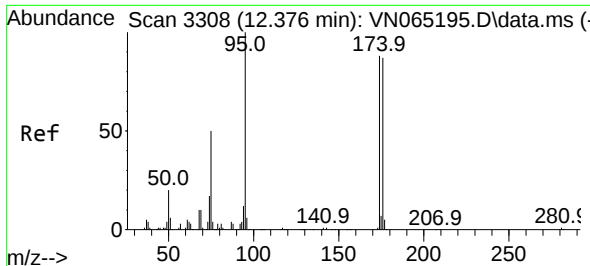
Tgt Ion: 76 Resp: 15200
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 75.43 ug/l
RT: 10.737 min Scan# 2798
Delta R.T. 0.013 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Tgt Ion: 43 Resp: 209902
Ion Ratio Lower Upper
43 100
58 19.4 28.3 84.9#

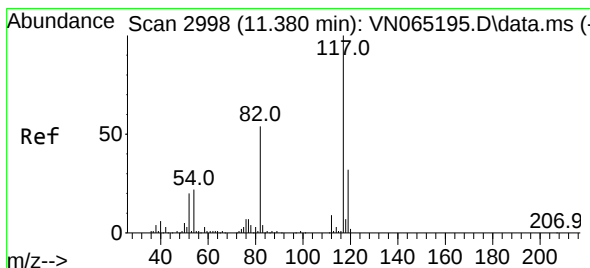
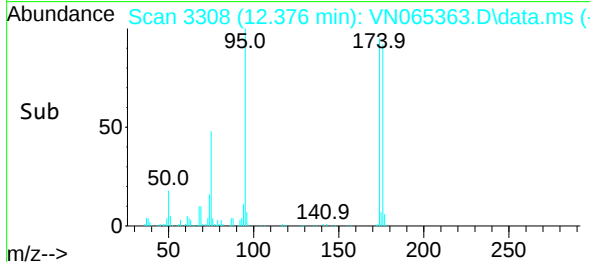
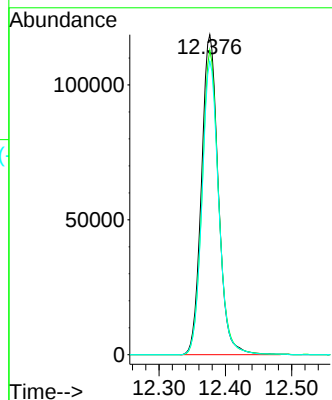
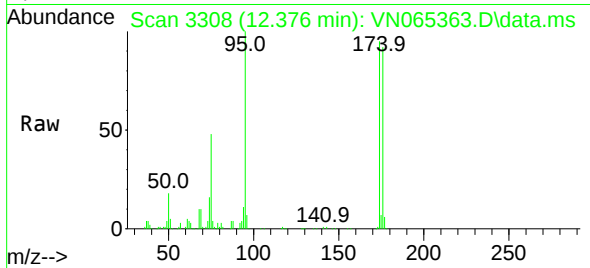




#62
4-Bromofluorobenzene
Concen: 53.58 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

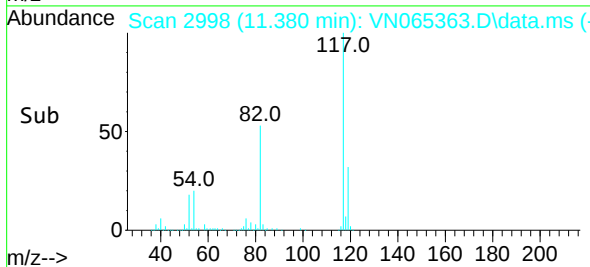
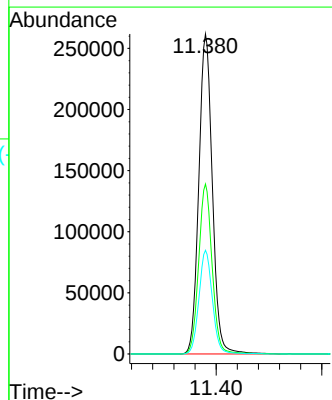
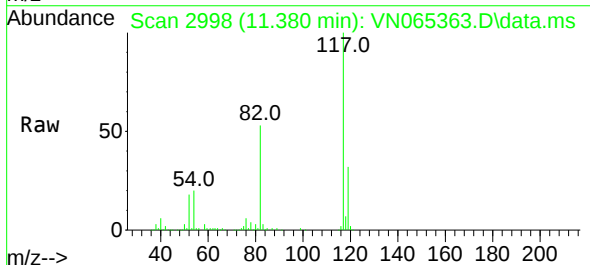
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

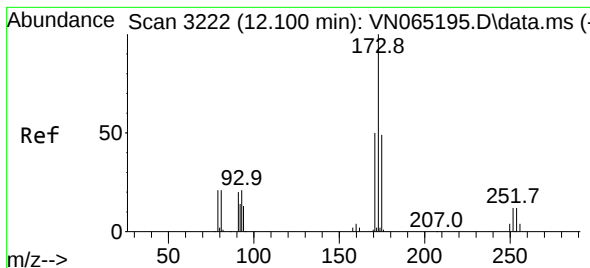
Tgt Ion: 95 Resp: 209250
Ion Ratio Lower Upper
95 100
174 93.5 0.0 160.4
176 90.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Tgt Ion: 117 Resp: 464466
Ion Ratio Lower Upper
117 100
82 53.1 44.2 66.2
119 32.4 25.8 38.6

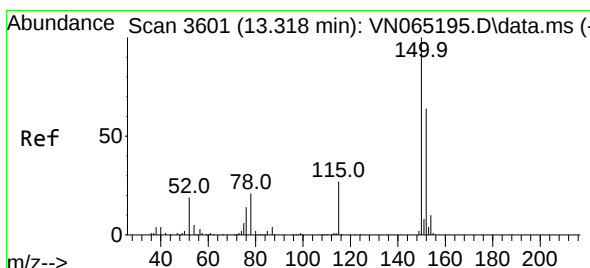
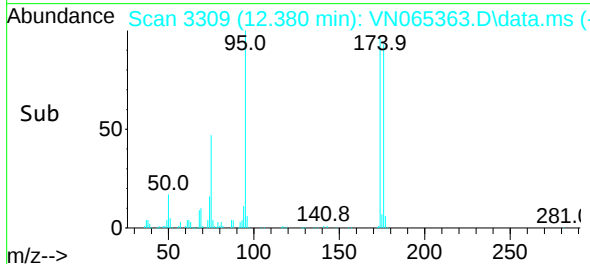
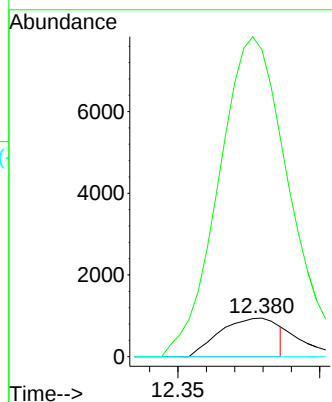
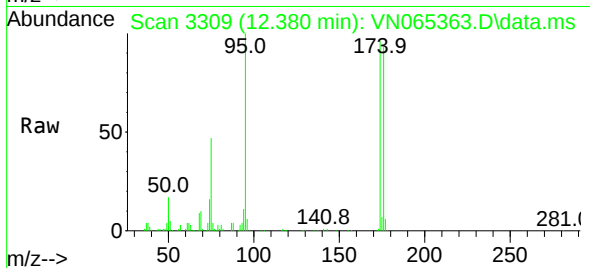




#71
Bromoform
Concen: 0.42 ug/l
RT: 12.380 min Scan# 3309
Delta R.T. 0.280 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

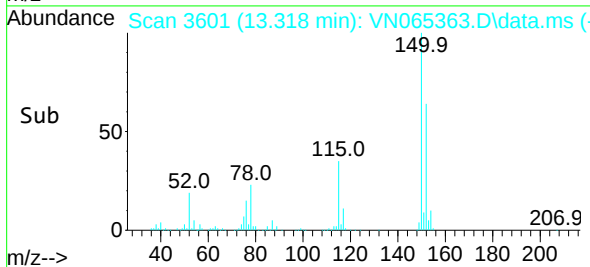
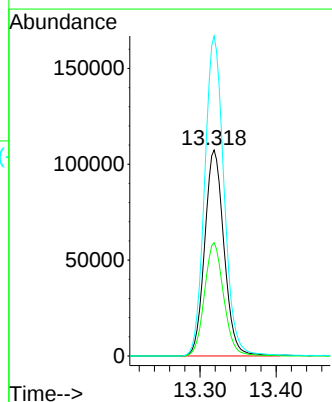
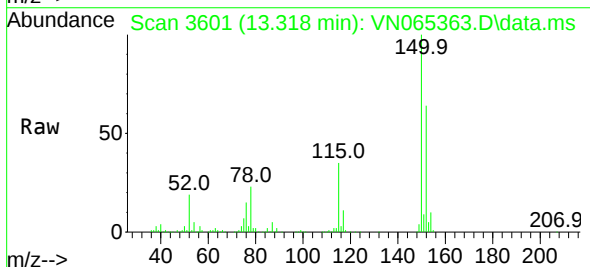
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

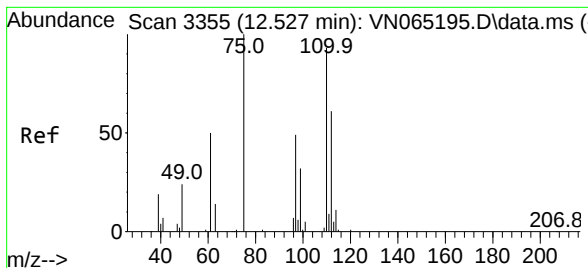
Tgt Ion:173 Resp: 1344
Ion Ratio Lower Upper
173 100
175 817.8 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Tgt Ion:152 Resp: 189618
Ion Ratio Lower Upper
152 100
115 54.8 29.7 89.1
150 156.0 0.0 350.6

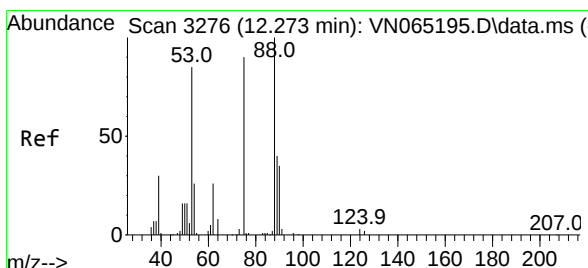
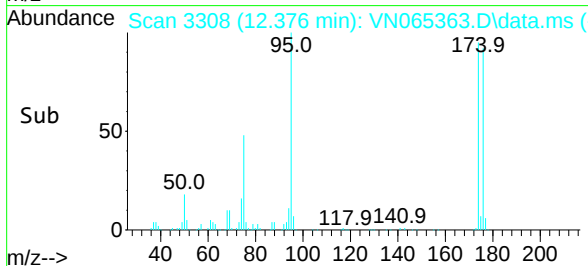
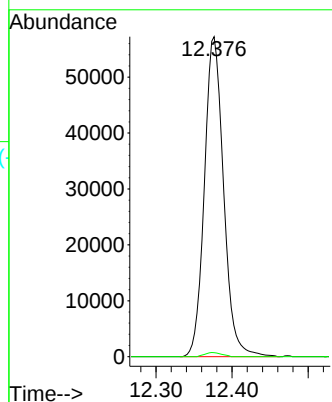
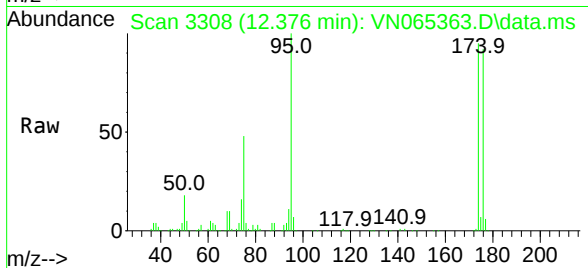




#76
1,2,3-Trichloropropane
Concen: 25.98 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

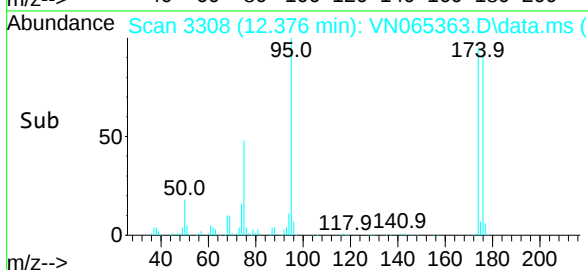
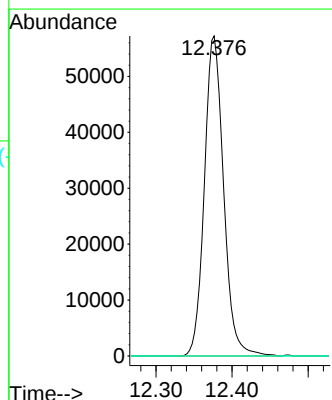
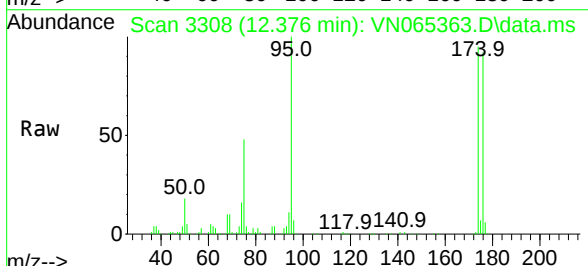
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-6(444+26)

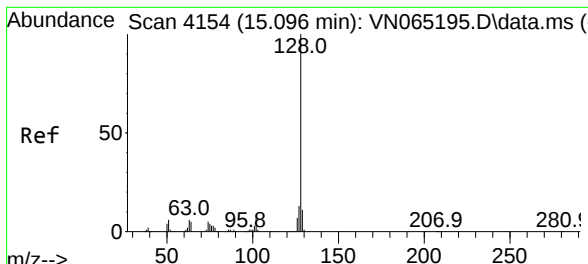
Tgt Ion: 75 Resp: 100504
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.51 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065363.D
Acq: 31 Dec 2020 22:32

Tgt Ion: 75 Resp: 100504
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
 Naphthalene
 Concen: 3.38 ug/l
 RT: 15.109 min Scan# 4158
 Delta R.T. 0.013 min
 Lab File: VN065363.D
 Acq: 31 Dec 2020 22:32

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-6(444+26)

Tgt Ion:	128	Resp:	136
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

