

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065532.D
 Acq On : 15 Jan 2021 19:16
 Operator : JC/MD
 Sample : M1141-23
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-354

Quant Time: Jan 15 23:44:41 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

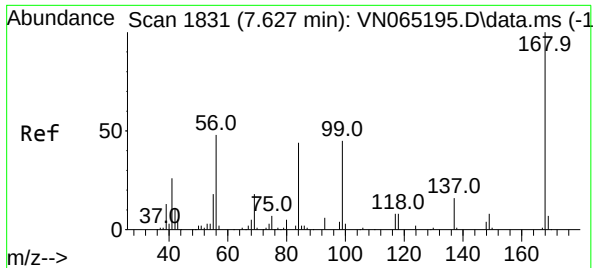
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.630	168	190916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	319994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	354693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	156610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	103056	47.82	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.64%		
35) Dibromofluoromethane	7.553	113	96695	50.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.18%		
50) Toluene-d8	10.061	98	401487	55.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.98%		
62) 4-Bromofluorobenzene	12.376	95	157821	54.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.26%		
Target Compounds						Qvalue
13) Acrolein	3.579	56	132	2.96	ug/l #	14
16) Acetone	3.795	43	10939	1.39	ug/l	89
18) Methyl Acetate	4.287	43	689	0.36	ug/l #	50
20) Methylene Chloride	4.508	84	11291	5.37	ug/l	97
25) 2-Butanone	6.811	43	1879	1.55	ug/l	98
31) Cyclohexane	7.634	56	2839	0.89	ug/l #	1
36) 1,1-Dichloropropene	7.627	75	11609	3.99	ug/l #	49
37) Ethyl Acetate	6.811	43	1879	0.65	ug/l #	66
38) Carbon Tetrachloride	7.627	117	15692	5.14	ug/l #	17
43) Isopropyl Acetate	8.135	43	14698	2.96	ug/l	99
45) 1,2-Dichloropropane	9.235	63	988	0.44	ug/l #	43
48) Methyl methacrylate	9.148	41	4005	1.66	ug/l #	12
51) 4-Methyl-2-Pentanone	9.955	43	3547	1.27	ug/l	92
54) cis-1,3-Dichloropropene	9.878	75	29375	7.61	ug/l #	60
56) Ethyl methacrylate	10.611	69	940	0.28	ug/l #	1
57) 1,3-Dichloropropane	10.736	76	17202	4.83	ug/l #	42
59) 2-Hexanone	10.736	43	216203	105.24	ug/l #	50
74) N-amyl acetate	12.003	43	1206	0.25	ug/l #	42
76) 1,2,3-Trichloropropane	12.376	75	73219	22.92	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.376	75	73219	57.79	ug/l #	15
95) Naphthalene	15.103	128	1334	3.53	ug/l #	69

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

Quant Time: Jan 15 23:44:41 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

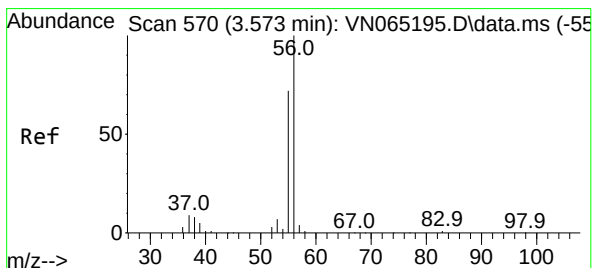
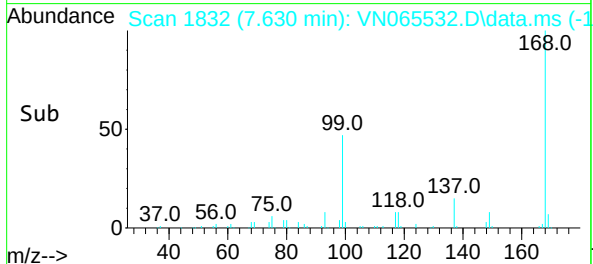
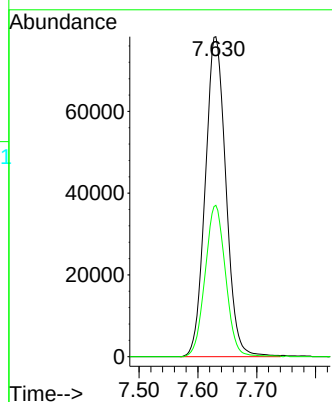
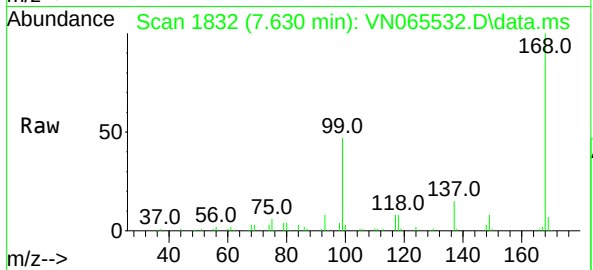




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

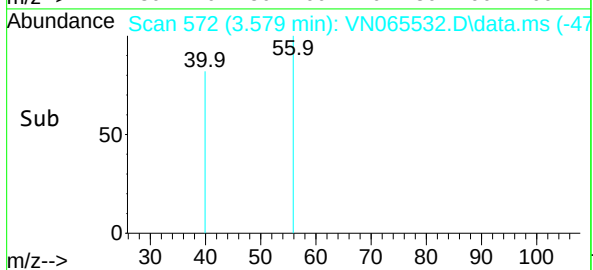
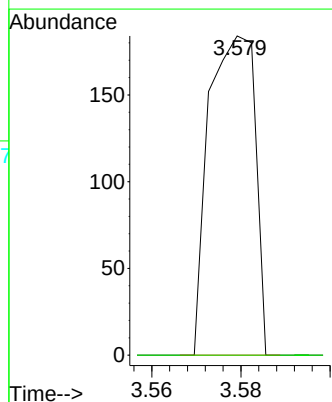
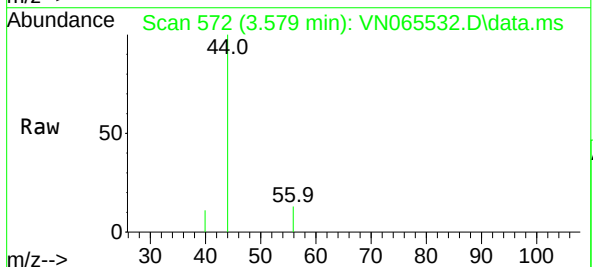
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354

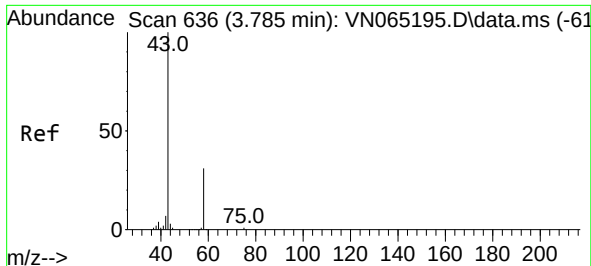
Tgt Ion:168 Resp: 190916
Ion Ratio Lower Upper
168 100
99 47.3 43.0 64.4



#13
Acrolein
Concen: 2.96 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.006 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Tgt Ion: 56 Resp: 132
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#

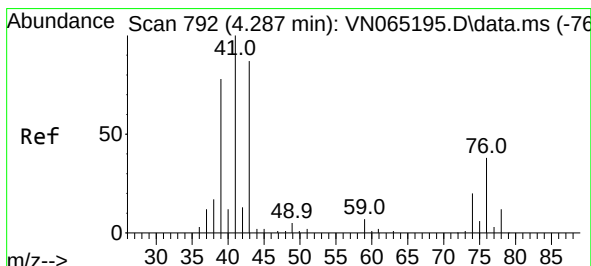
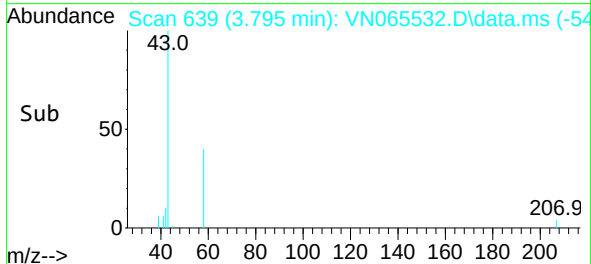
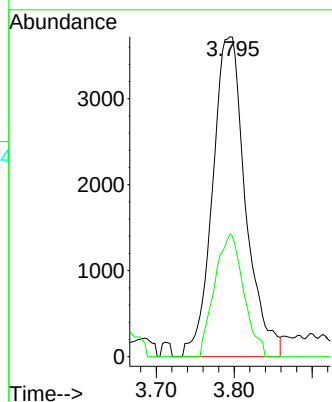
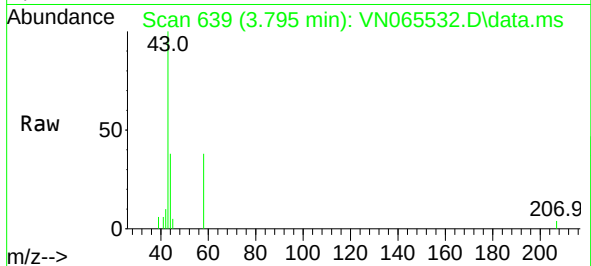




#16
Acetone
Concen: 1.39 ug/l
RT: 3.795 min Scan# 639
Delta R.T. 0.010 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

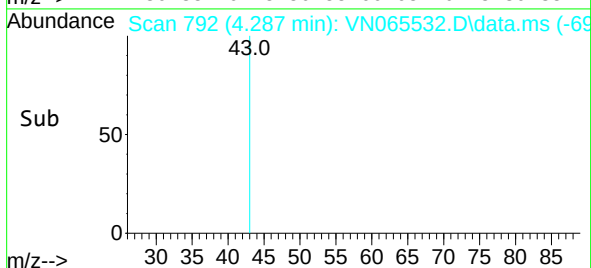
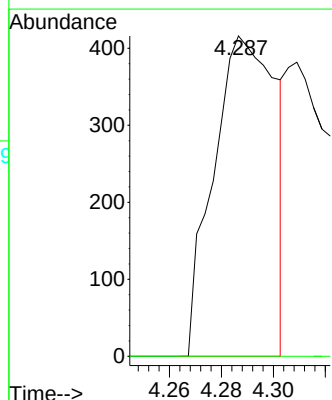
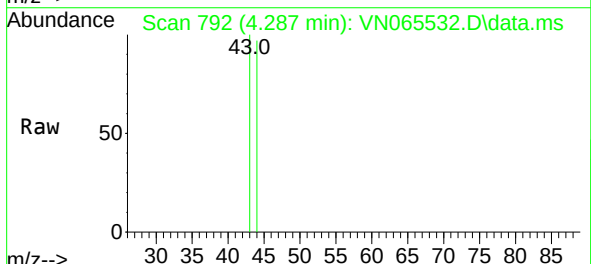
Instrument :
MSVOA_N
ClientSampled :
ETGI-354

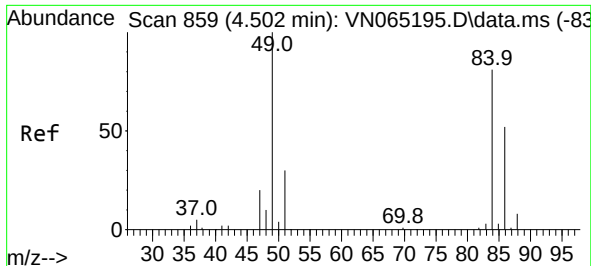
Tgt Ion: 43 Resp: 10939
Ion Ratio Lower Upper
43 100
58 38.3 25.7 38.5



#18
Methyl Acetate
Concen: 0.36 ug/l
RT: 4.287 min Scan# 792
Delta R.T. -0.000 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

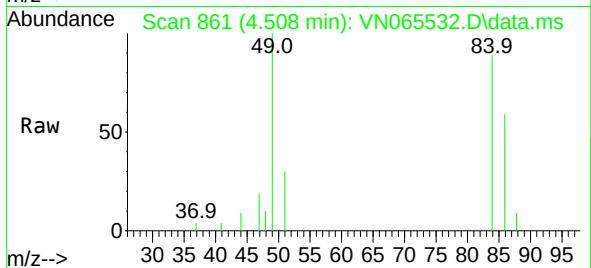
Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



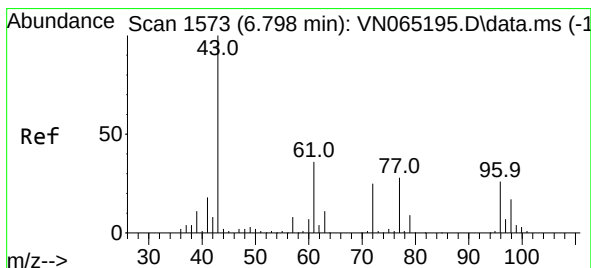
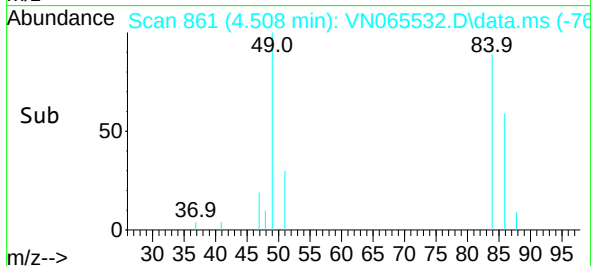
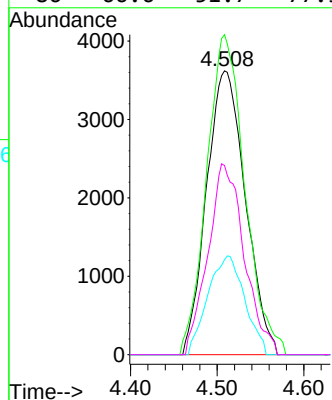


#20
Methylene Chloride
Concen: 5.37 ug/l
RT: 4.508 min Scan# 861
Delta R.T. 0.006 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Instrument :
MSVOA_N
ClientSampleId :
ETGI-354

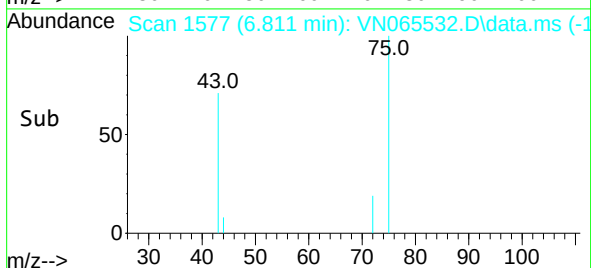
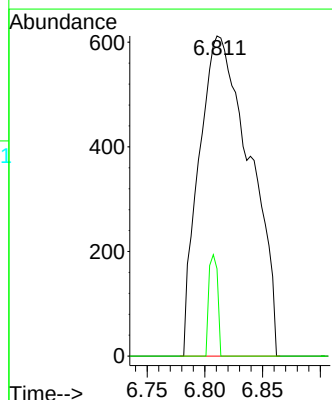
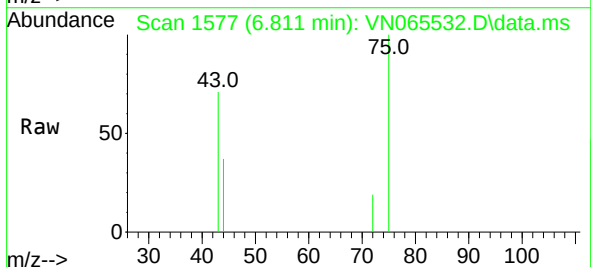


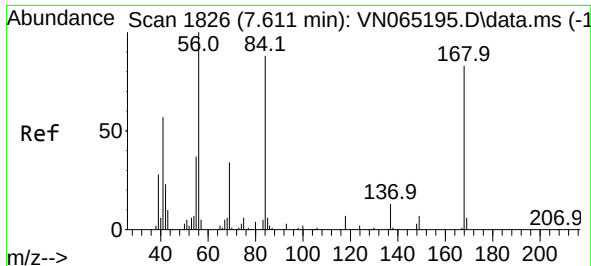
Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.8	93.4	140.0
51	33.4	28.2	42.4
86	66.6	51.7	77.5



#25
2-Butanone
Concen: 1.55 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. 0.013 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

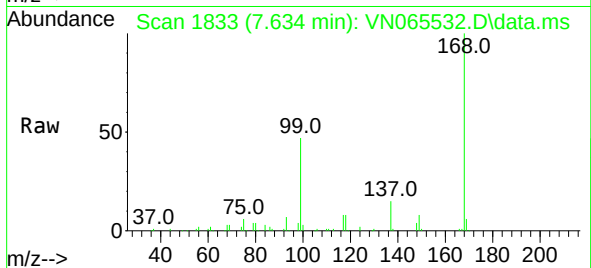
Tgt Ion	Ratio	Lower	Upper
43	100		
72	27.3	21.0	31.6



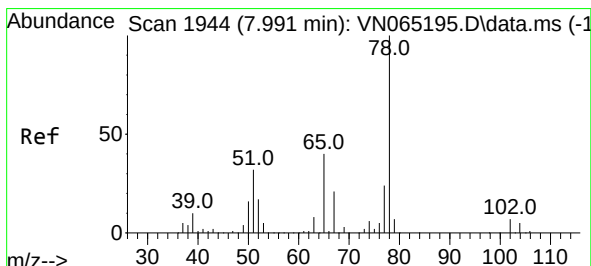
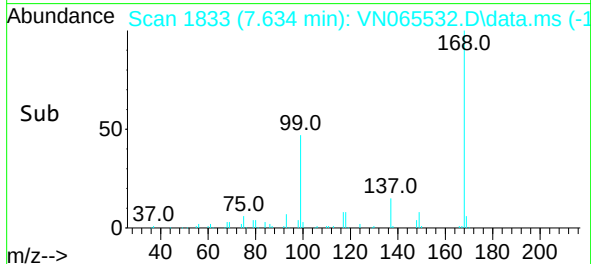
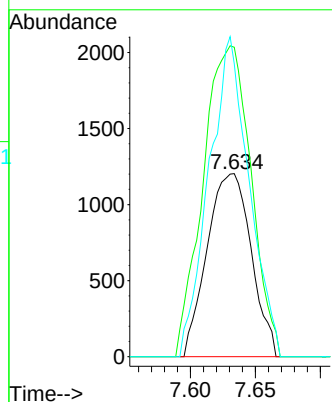


#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.634 min Scan# 1833
Delta R.T. 0.023 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Instrument :
MSVOA_N
ClientSampled :
ETGI-354

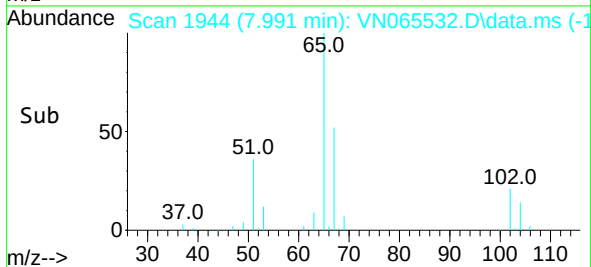
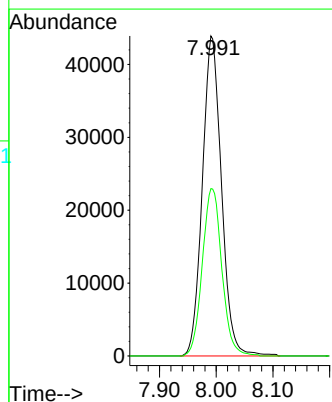
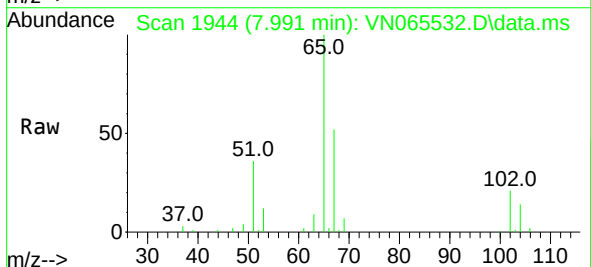


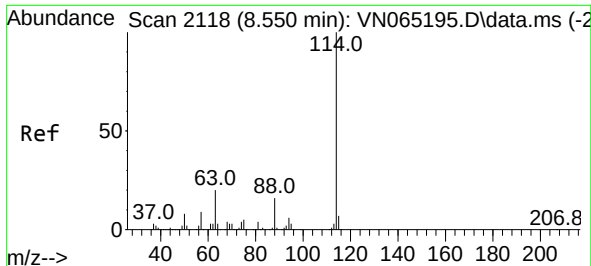
Tgt Ion: 56 Resp: 2839
Ion Ratio Lower Upper
56 100
69 169.0 27.5 41.3#
84 159.9 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 47.82 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Tgt Ion: 65 Resp: 103056
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.2

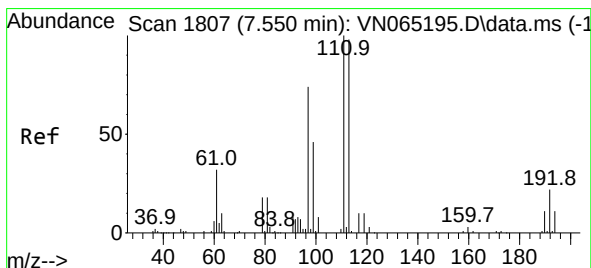
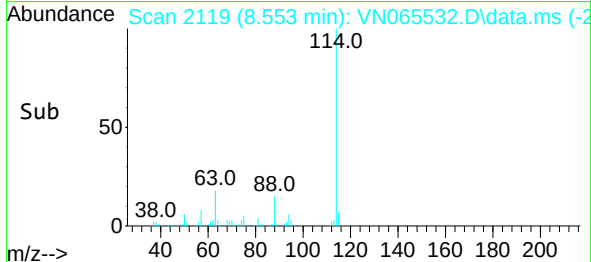
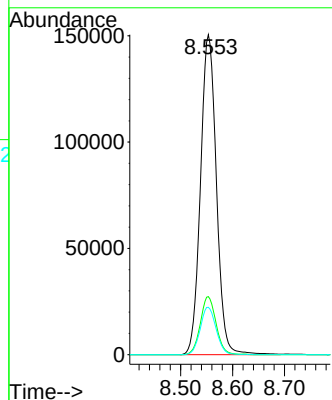
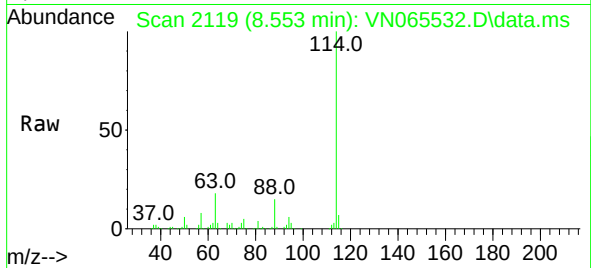




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

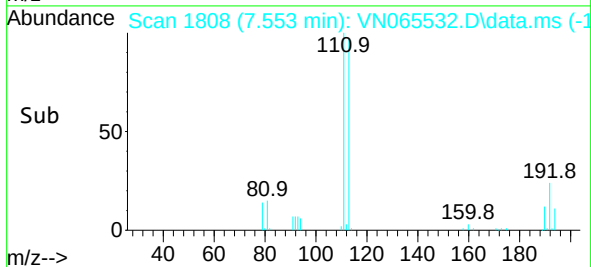
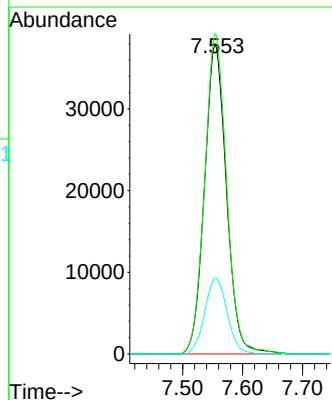
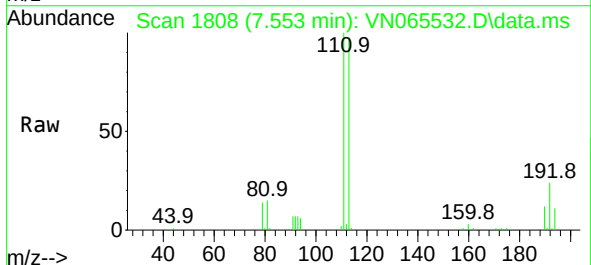
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354

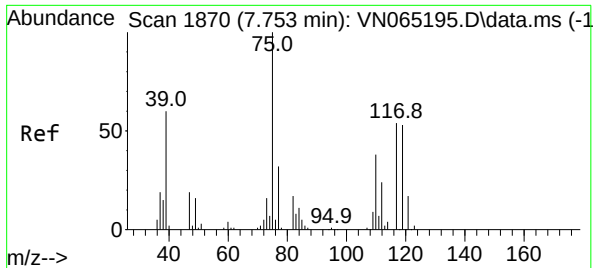
Tgt Ion:	114	Resp:	319994
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	38.6
88	14.8	0.0	32.6



#35
Dibromofluoromethane
Concen: 50.09 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

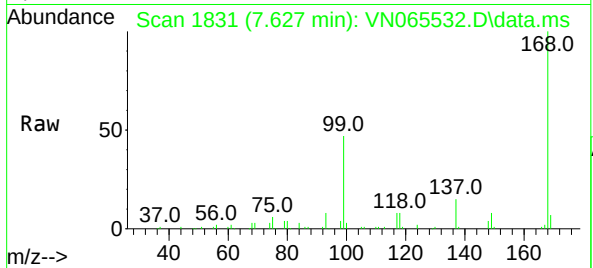
Tgt Ion:	113	Resp:	96695
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.6	122.4
192	24.9	16.2	24.2#



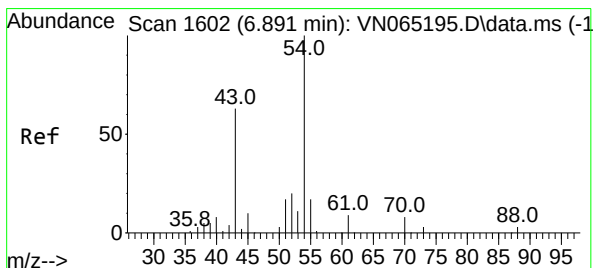
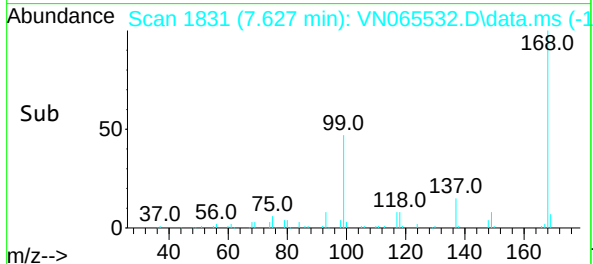
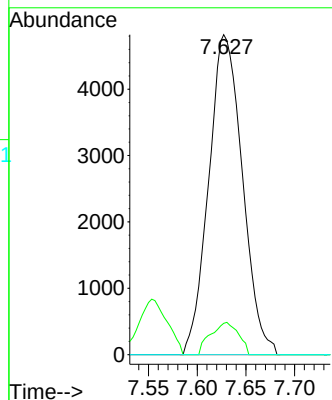


#36
1,1-Dichloropropene
Concen: 3.99 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Instrument :
MSVOA_N
ClientSampleId :
ETGI-354

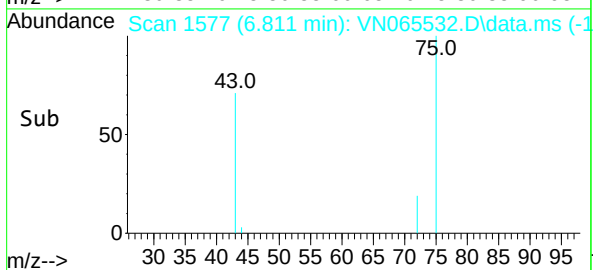
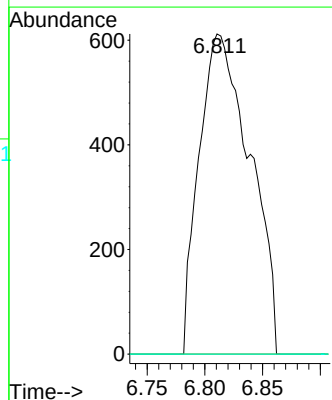
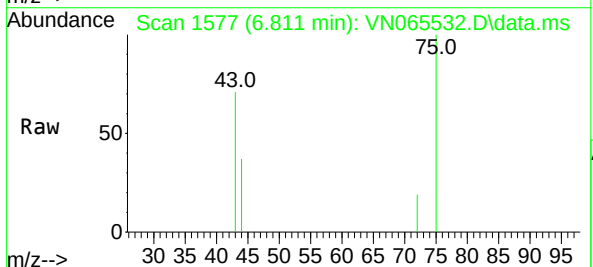


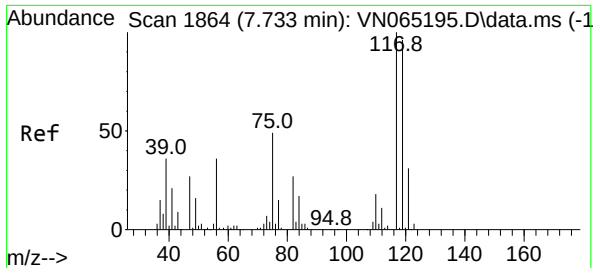
Tgt Ion: 75 Resp: 11609
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.65 ug/l
RT: 6.811 min Scan# 1577
Delta R.T. -0.080 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

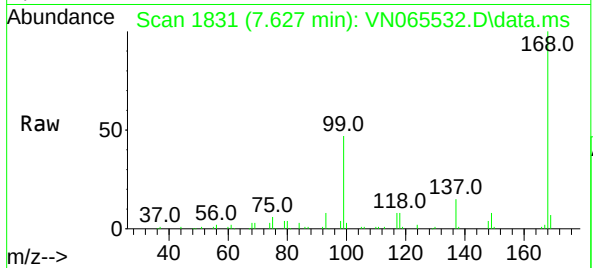
Tgt Ion: 43 Resp: 1879
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



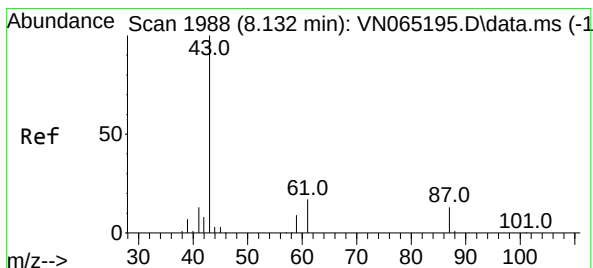
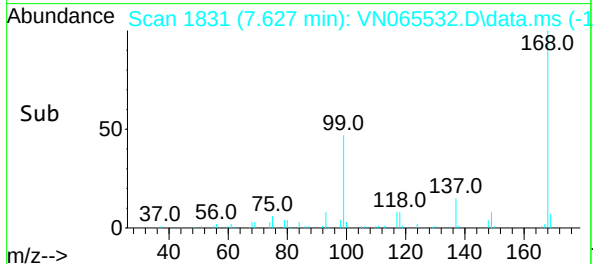
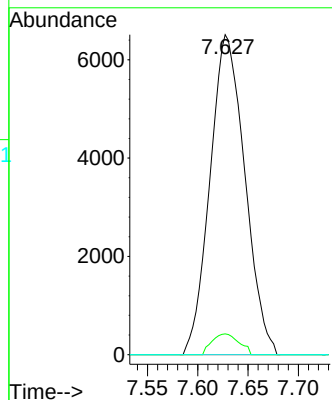


#38
Carbon Tetrachloride
Concen: 5.14 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Instrument :
MSVOA_N
ClientSampleId :
ETGI-354

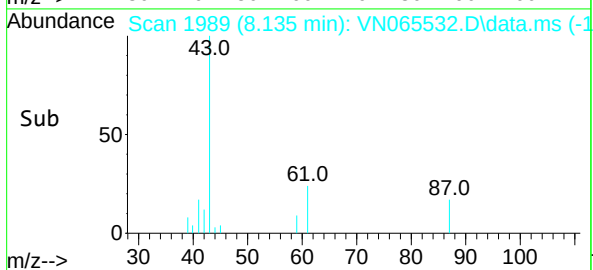
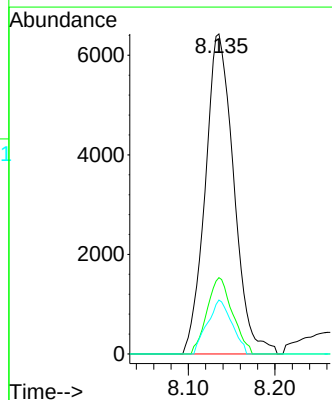
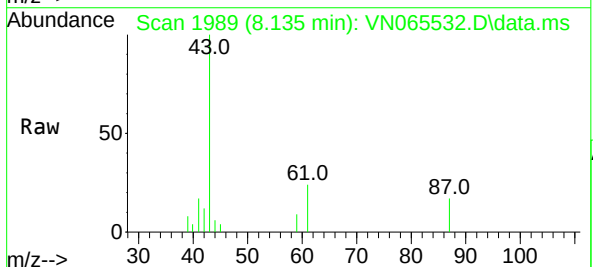


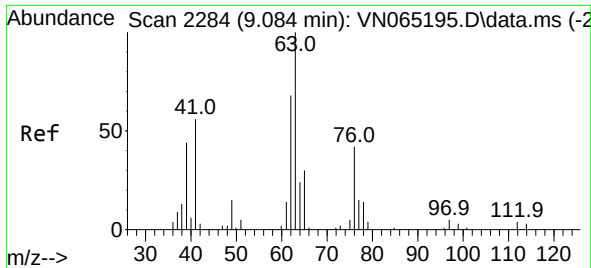
Tgt Ion:117 Resp: 15692
Ion Ratio Lower Upper
117 100
119 6.5 76.7 115.1#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 2.96 ug/l
RT: 8.135 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Tgt Ion: 43 Resp: 14698
Ion Ratio Lower Upper
43 100
61 21.3 17.2 25.8
87 14.5 11.4 17.0

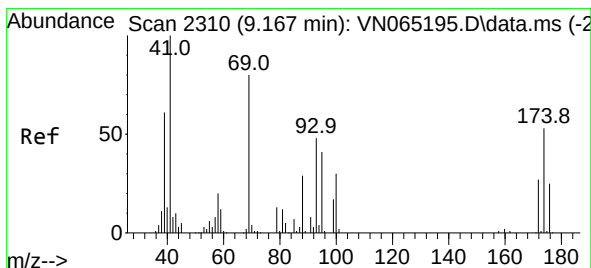
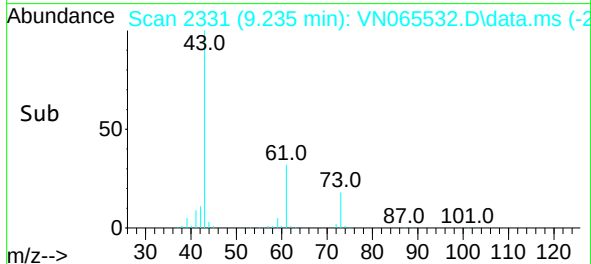
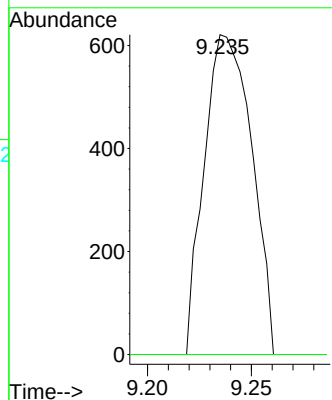
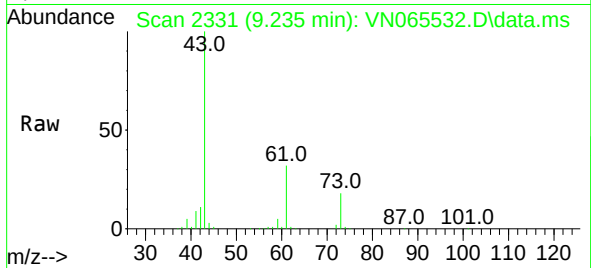




#45
1,2-Dichloropropane
Concen: 0.44 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

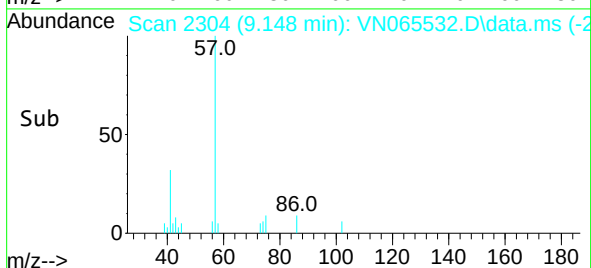
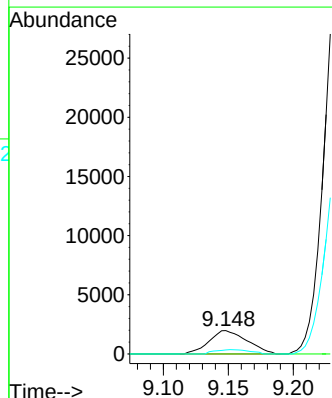
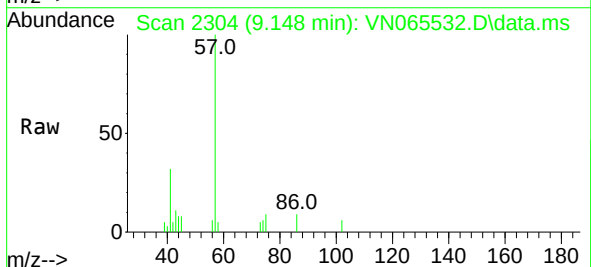
Instrument :
MSVOA_N
ClientSampled :
ETGI-354

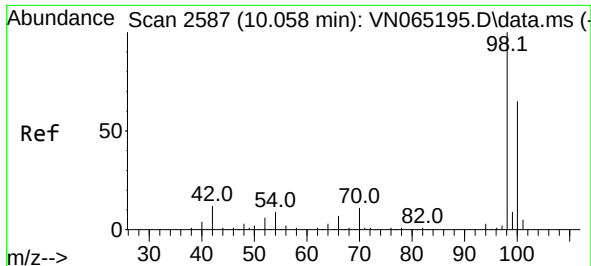
Tgt Ion: 63 Resp: 988
Ion Ratio Lower Upper
63 100
65 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 1.66 ug/l
RT: 9.148 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Tgt Ion: 41 Resp: 4005
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

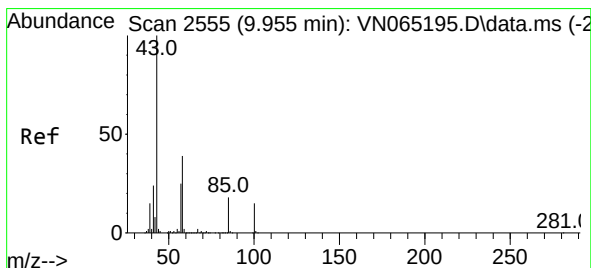
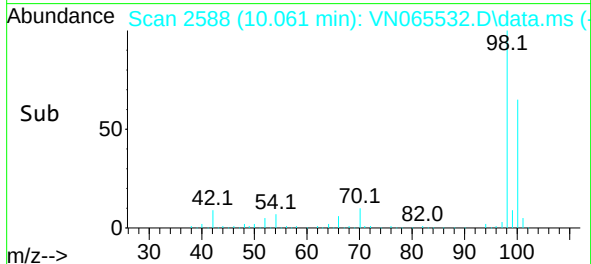
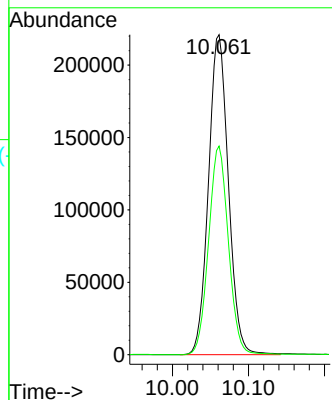
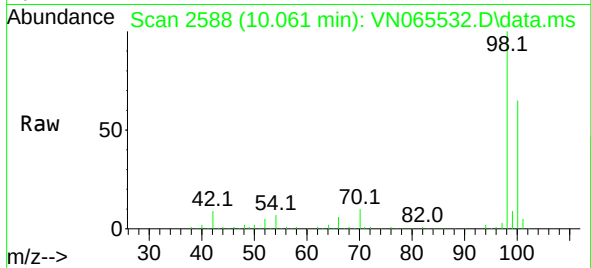




#50
Toluene-d8
Concen: 55.49 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

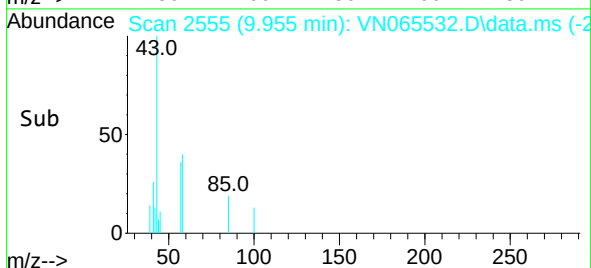
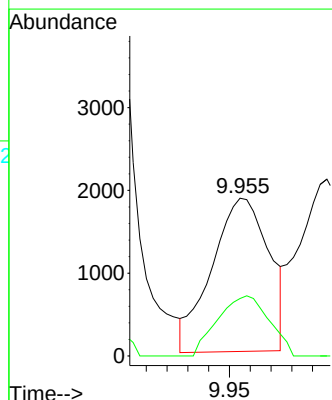
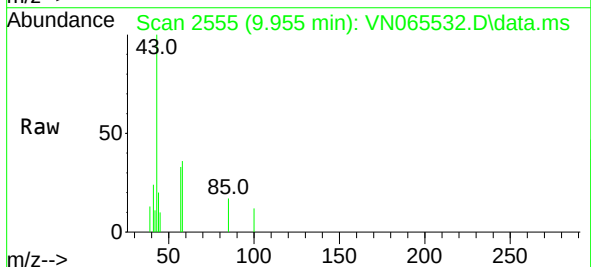
Instrument :
MSVOA_N
ClientSampled :
ETGI-354

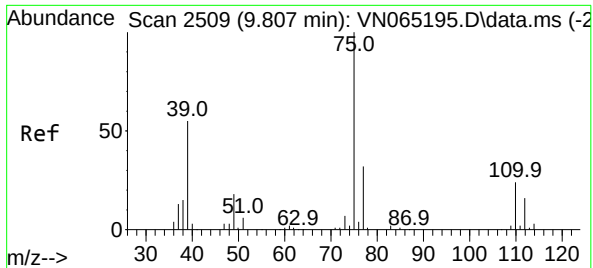
Tgt Ion: 98 Resp: 401487
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.27 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Tgt Ion: 43 Resp: 3547
Ion Ratio Lower Upper
43 100
58 35.3 32.4 48.6

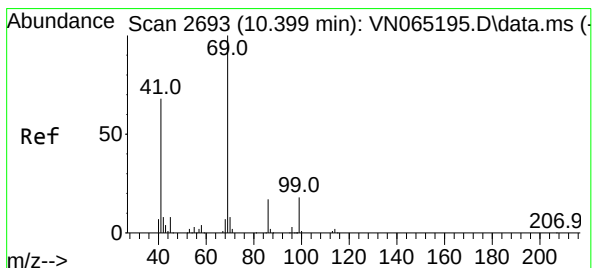
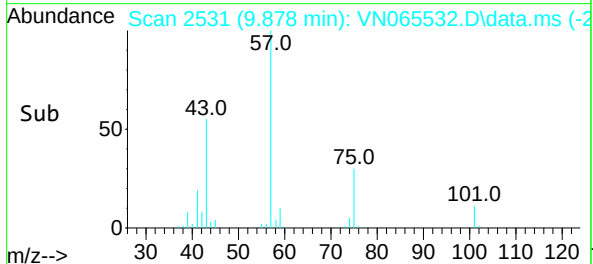
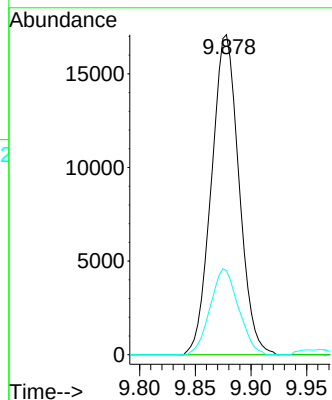
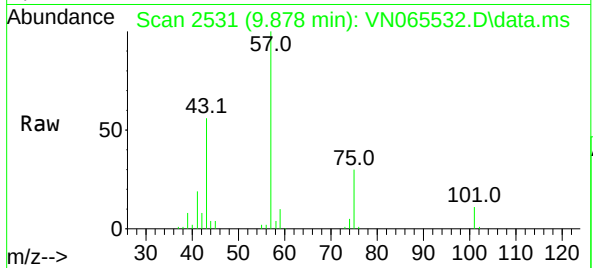




#54
 cis-1,3-Dichloropropene
 Concen: 7.61 ug/l
 RT: 9.878 min Scan# 2531
 Delta R.T. 0.071 min
 Lab File: VN065532.D
 Acq: 15 Jan 2021 19:16

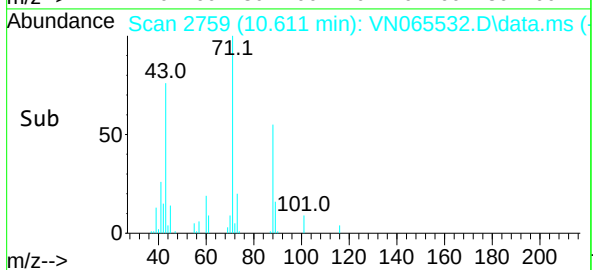
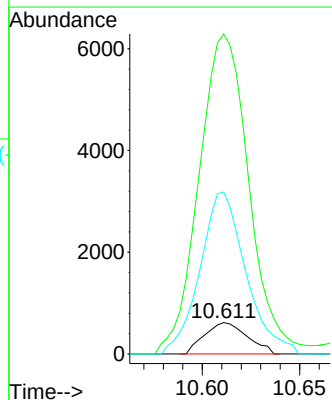
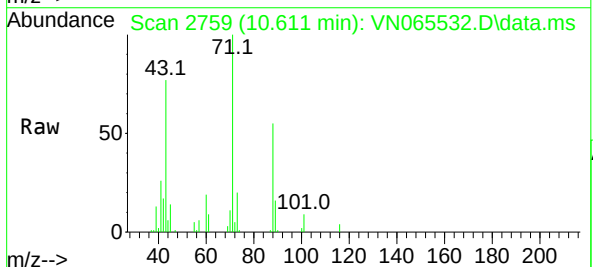
Instrument :
 MSVOA_N
 ClientSampled :
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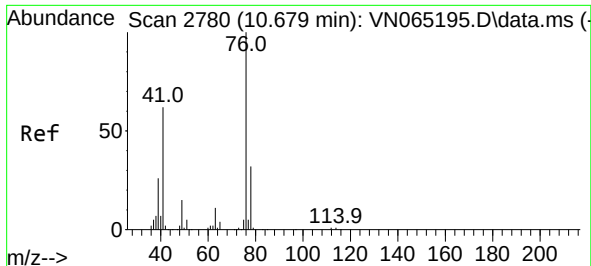
Tgt Ion: 75 Resp: 29375
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 26.3 35.6 53.4#



#56
 Ethyl methacrylate
 Concen: 0.28 ug/l
 RT: 10.611 min Scan# 2759
 Delta R.T. 0.212 min
 Lab File: VN065532.D
 Acq: 15 Jan 2021 19:16

Tgt Ion: 69 Resp: 940
 Ion Ratio Lower Upper
 69 100
 41 1193.6 49.4 74.0#
 39 553.8 25.9 38.9#

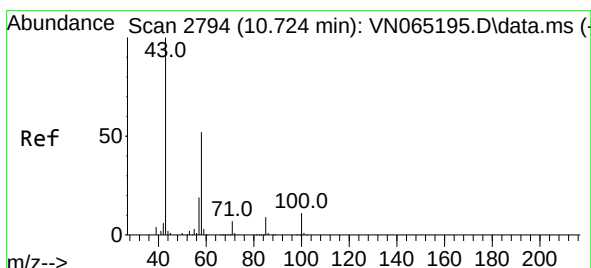
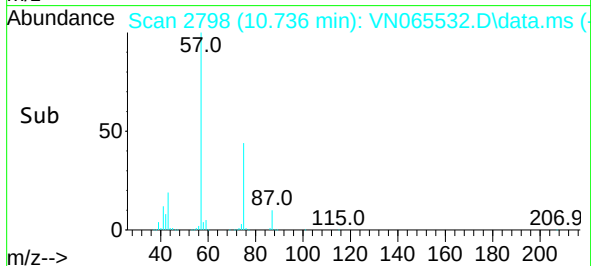
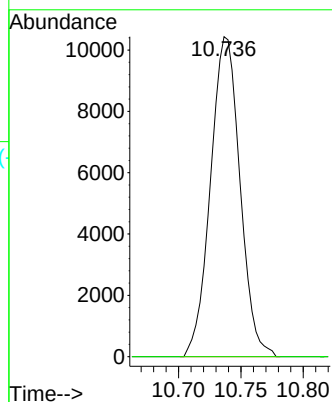
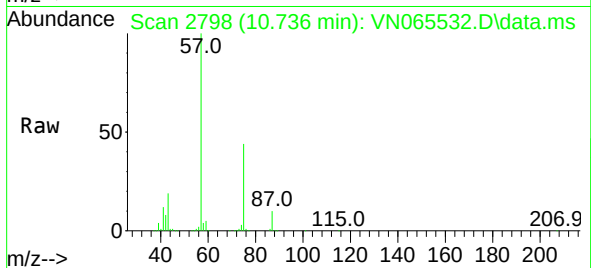




#57
1,3-Dichloropropane
Concen: 4.83 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.057 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

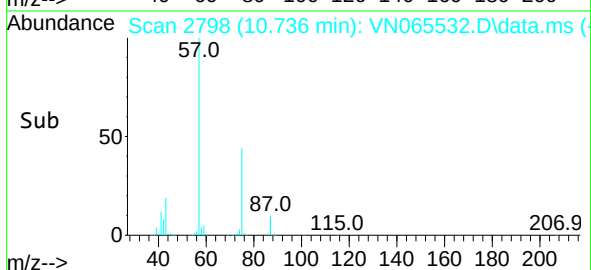
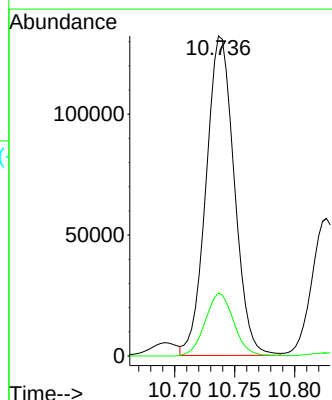
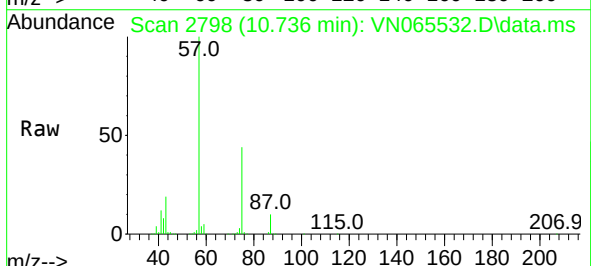
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354

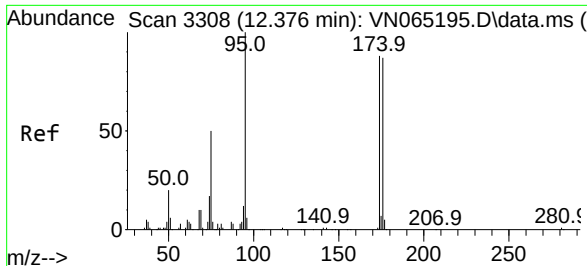
Tgt Ion: 76 Resp: 17202
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 105.24 ug/l
RT: 10.736 min Scan# 2798
Delta R.T. 0.012 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Tgt Ion: 43 Resp: 216203
Ion Ratio Lower Upper
43 100
58 19.9 28.3 84.9#

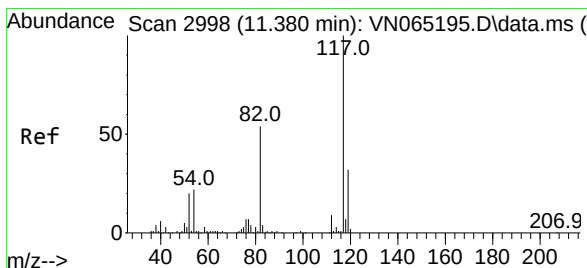
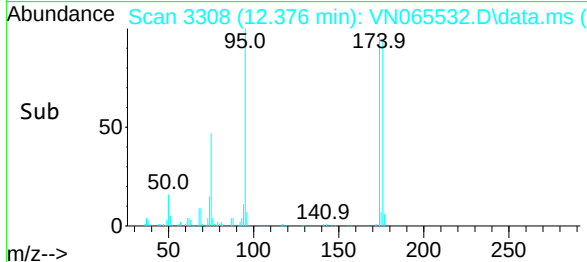
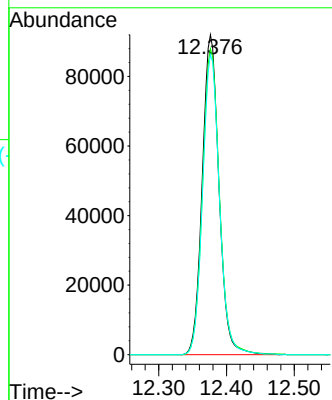
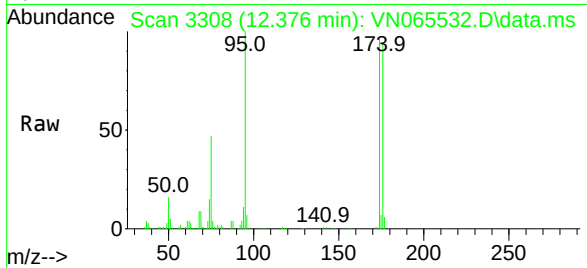




#62
4-Bromofluorobenzene
Concen: 54.63 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

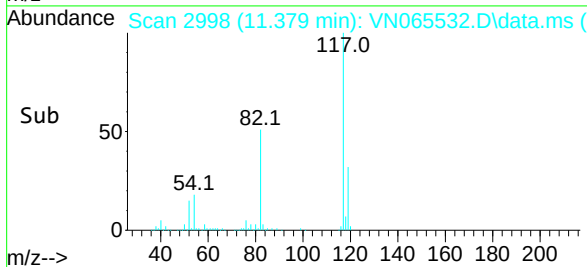
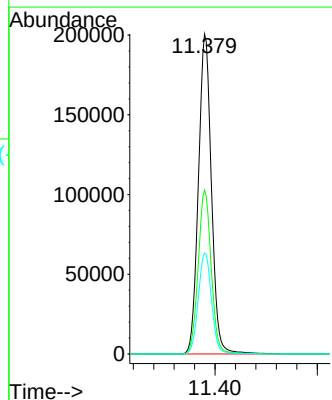
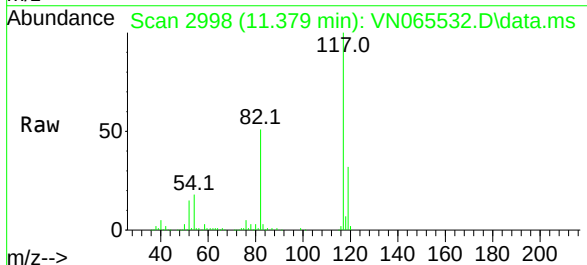
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354

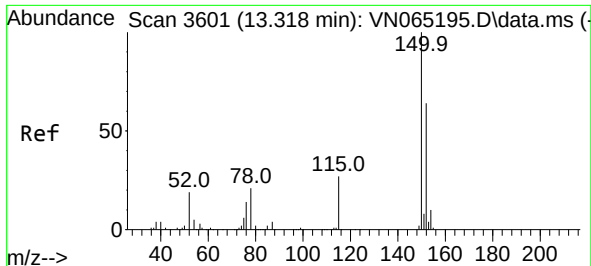
Tgt Ion: 95 Resp: 157821
Ion Ratio Lower Upper
95 100
174 97.0 0.0 160.4
176 94.2 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Tgt Ion: 117 Resp: 354693
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 31.6 25.8 38.6

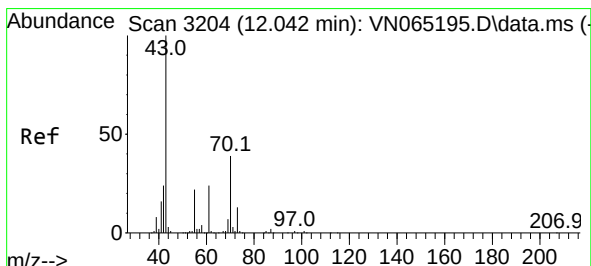
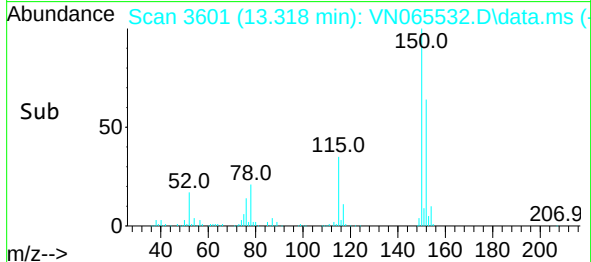
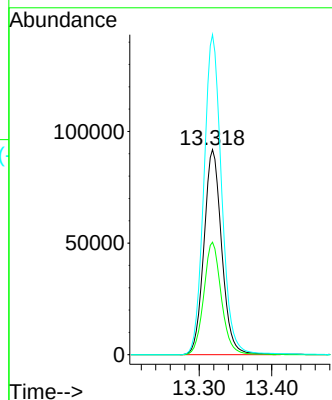
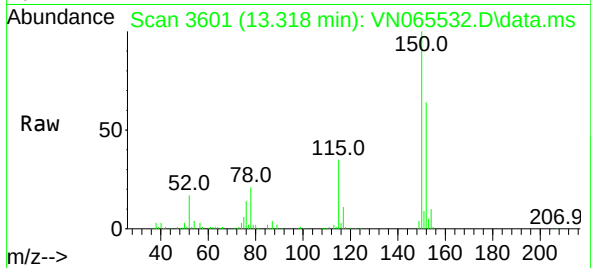




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

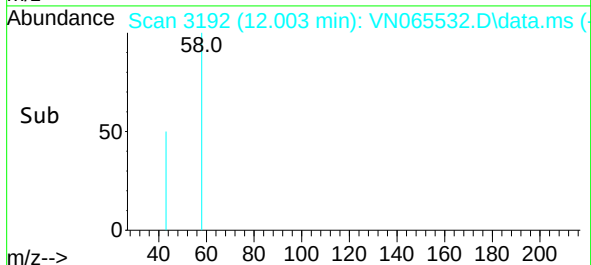
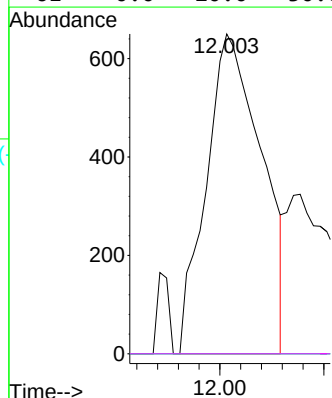
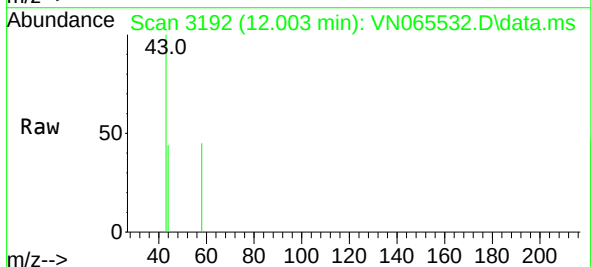
Instrument :
MSVOA_N
ClientSampled :
ETGI-354

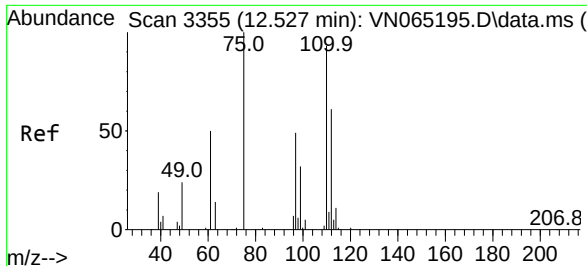
Tgt Ion:152 Resp: 156610
Ion Ratio Lower Upper
152 100
115 54.2 29.7 89.1
150 155.9 0.0 350.6



#74
N-ethyl acetate
Concen: 0.25 ug/l
RT: 12.003 min Scan# 3192
Delta R.T. -0.039 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Tgt Ion: 43 Resp: 1206
Ion Ratio Lower Upper
43 100
70 0.0 34.5 51.7#
55 0.0 20.4 30.6#
61 0.0 20.0 30.0#

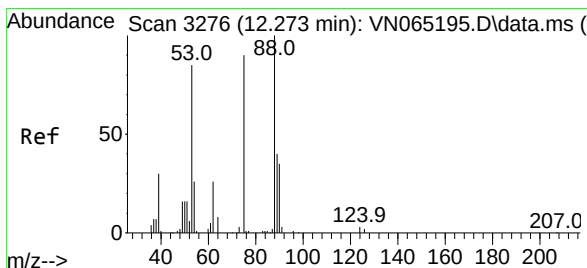
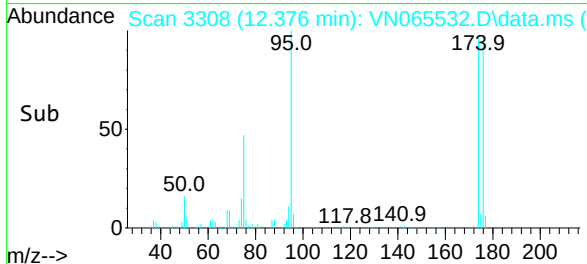
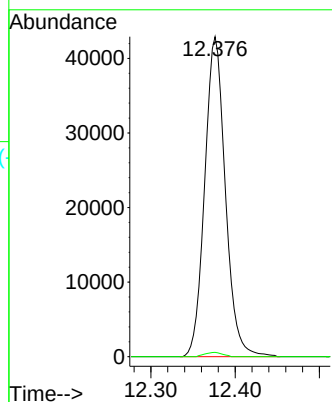
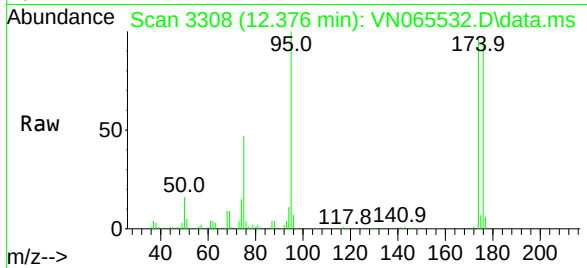




#76
1,2,3-Trichloropropane
Concen: 22.92 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. -0.151 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

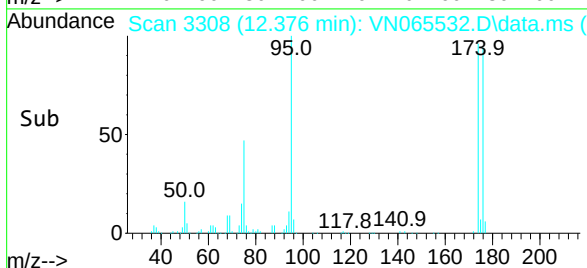
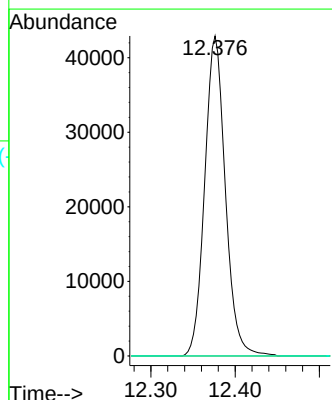
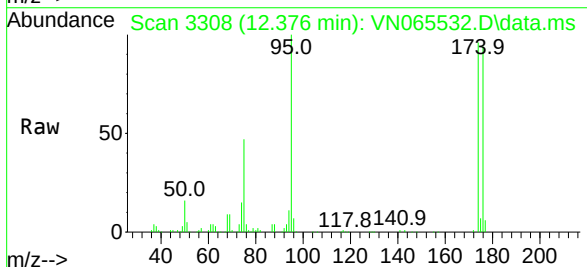
Instrument :
MSVOA_N
ClientSampled :
ETGI-354

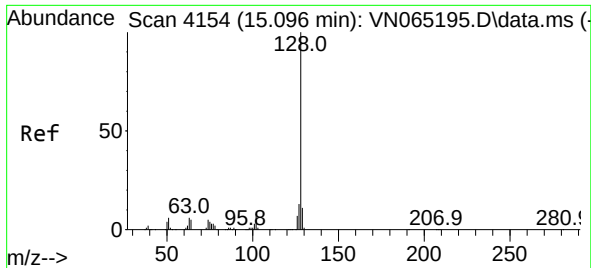
Tgt Ion: 75 Resp: 73219
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.79 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.103 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Tgt Ion: 75 Resp: 73219
Ion Ratio Lower Upper
75 100
53 0.0 67.0 100.4#
89 0.0 39.6 59.4#





#95
Naphthalene
Concen: 3.53 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065532.D
Acq: 15 Jan 2021 19:16

Instrument :
MSVOA_N
ClientSampleId :
ETGI-354

Tgt Ion:128 Resp: 1334
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.7 13.1#

