

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004716.D
 Acq On : 04 May 2021 15:31
 Operator : SY/MD
 Sample : M2252-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:35:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

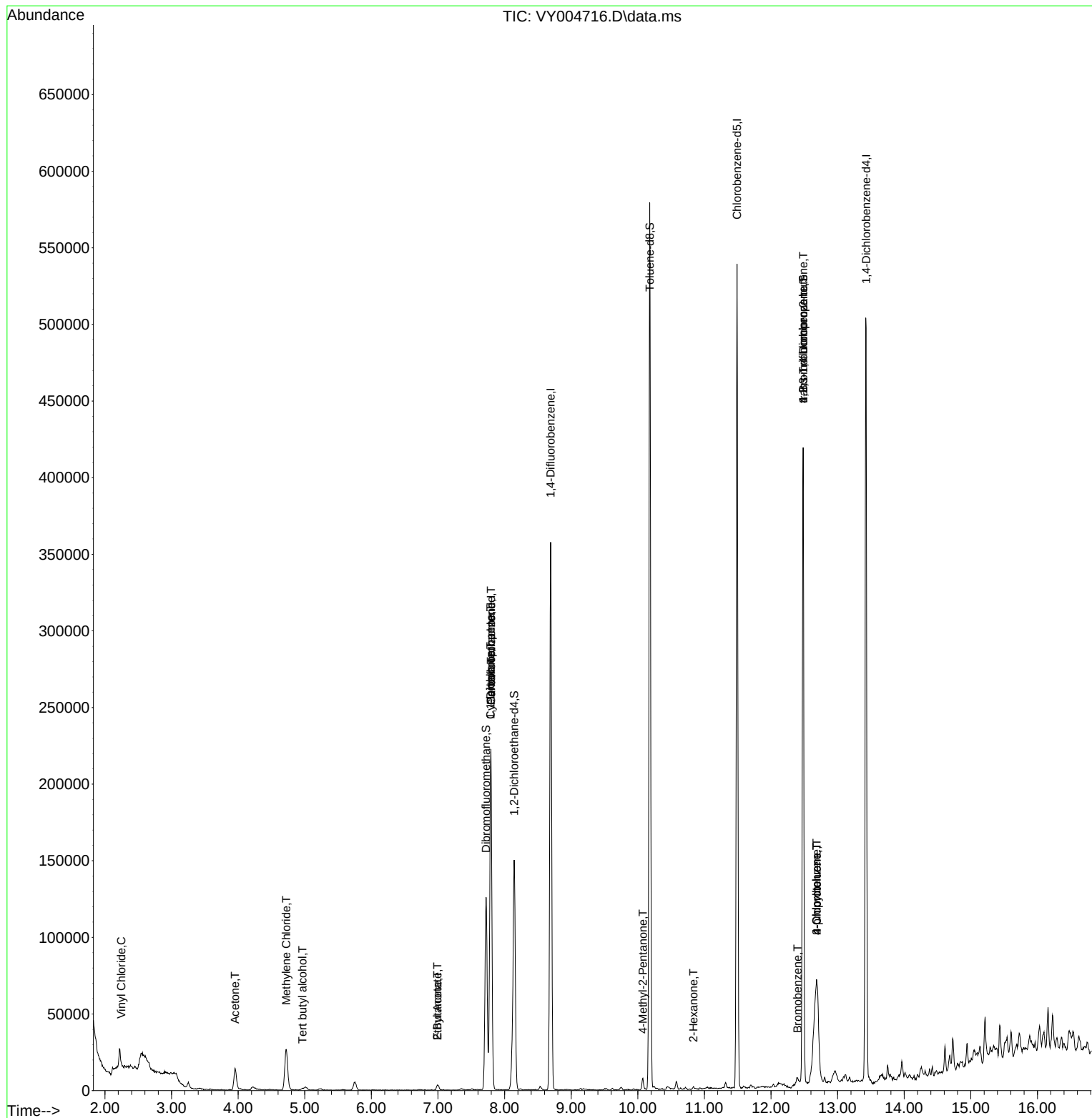
Internal Standards						
1) Pentafluorobenzene	7.795	168	165711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	265828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	110116	59.81	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.62%			
35) Dibromofluoromethane	7.722	113	85670	53.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.44%			
50) Toluene-d8	10.179	98	350029	51.12	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.24%			
62) 4-Bromofluorobenzene	12.483	95	120182	51.72	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.44%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.247	62	5927	2.53	ug/l #	53
11) Tert butyl alcohol	4.966	59	2094	11.54	ug/l #	77
16) Acetone	3.954	43	24732	47.73	ug/l	97
20) Methylene Chloride	4.722	84	18615	10.47	ug/l	96
25) 2-Butanone	6.990	43	5886	8.39	ug/l	97
31) Cyclohexane	7.789	56	4365	1.29	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	13115	4.55	ug/l #	51
37) Ethyl Acetate	6.990	43	5886	3.17	ug/l #	77
38) Carbon Tetrachloride	7.795	117	17621	7.07	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	5128	2.84	ug/l	99
59) 2-Hexanone	10.837	43	1436	1.19	ug/l	76
76) 1,2,3-Trichloropropane	12.483	75	66502	51.03	ug/l #	100
77) Bromobenzene	12.398	156	2609	1.24	ug/l #	1
78) n-propylbenzene	12.684	91	12484	1.13	ug/l #	54
79) 2-Chlorotoluene	12.684	91	12042	1.99	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.483	75	66502	91.29	ug/l #	12
82) 4-Chlorotoluene	12.684	91	11944	1.87	ug/l #	41

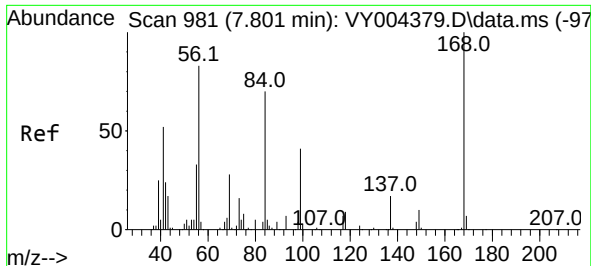
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 05 01:35:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

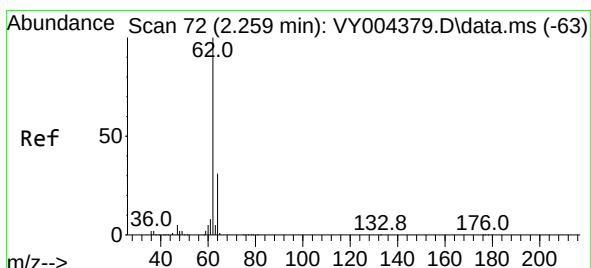
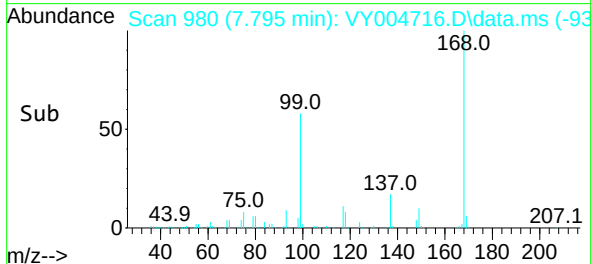
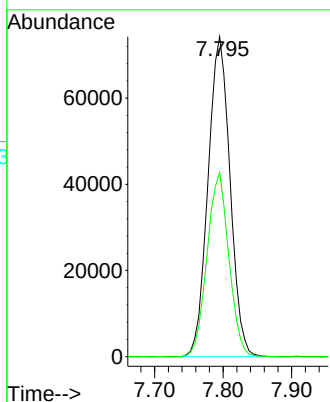
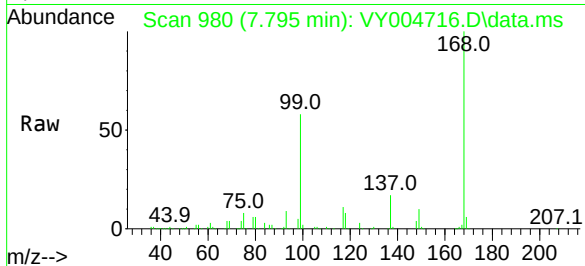




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

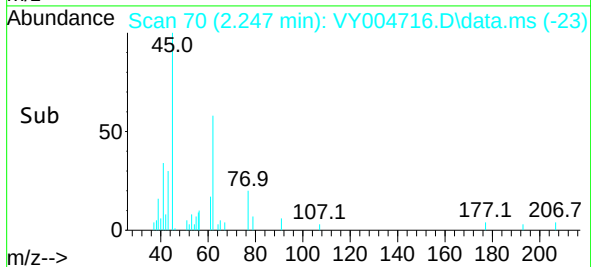
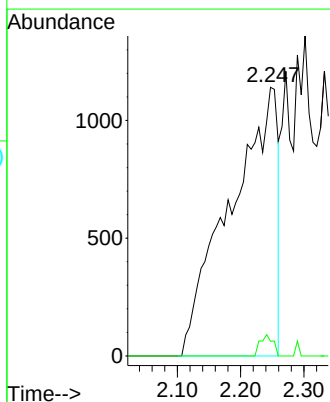
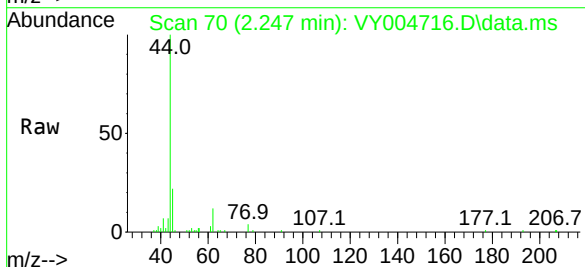
Instrument :
MSVOA_Y
ClientSampleId :

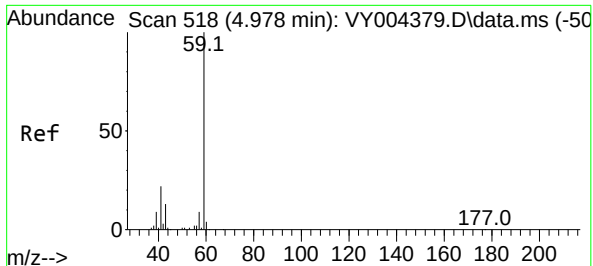
Tgt Ion:168 Resp: 165711
Ion Ratio Lower Upper
168 100
99 57.7 45.5 68.3



#4
Vinyl Chloride
Concen: 2.53 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion: 62 Resp: 5927
Ion Ratio Lower Upper
62 100
64 5.4 25.1 37.7#



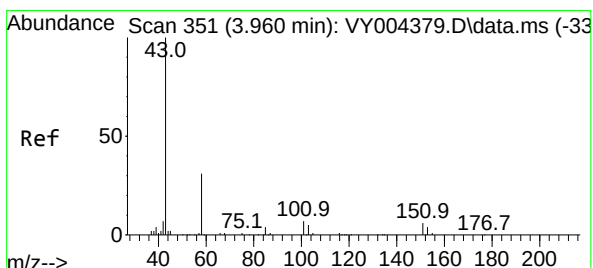
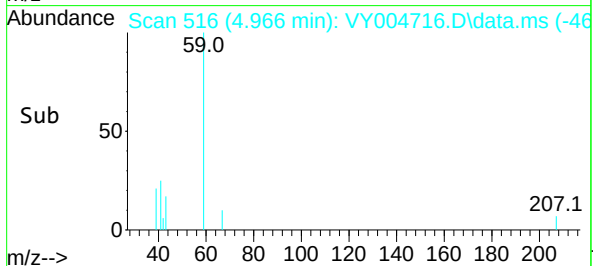
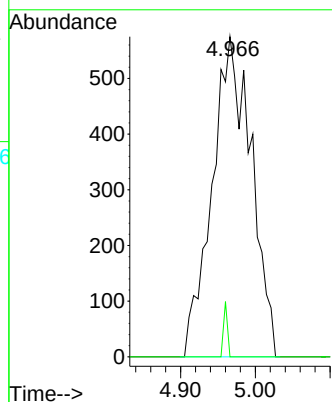
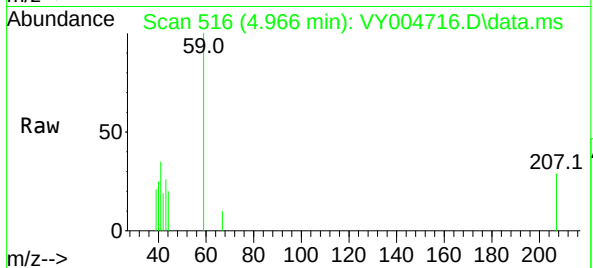


#11

Tert butyl alcohol
Concen: 11.54 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Instrument :
MSVOA_Y
ClientSampled :

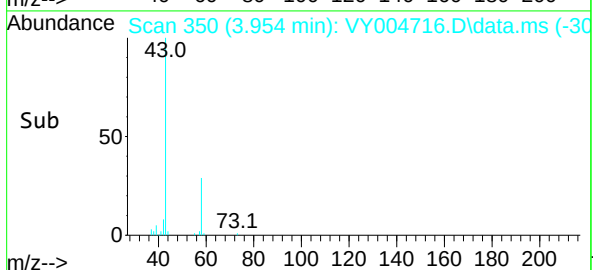
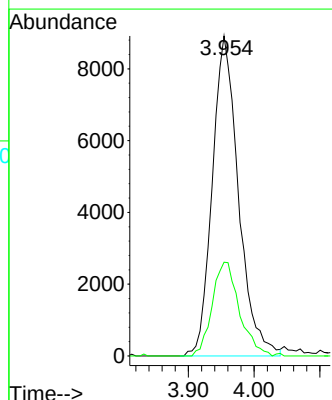
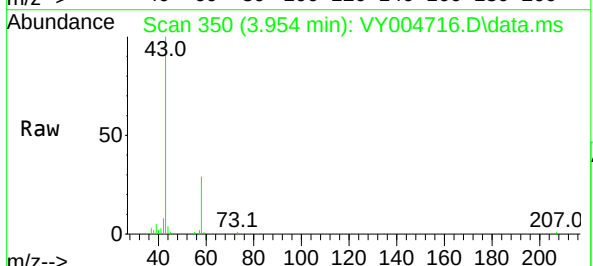
Tgt Ion: 59 Resp: 2094
Ion Ratio Lower Upper
59 100
57 1.7 8.1 12.1#

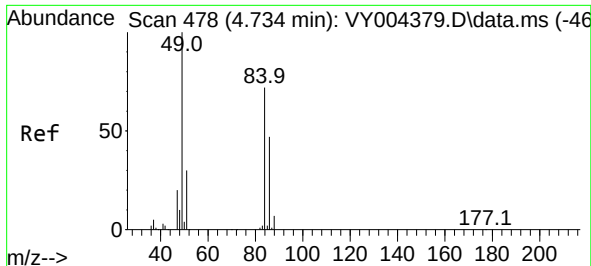


#16

Acetone
Concen: 47.73 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

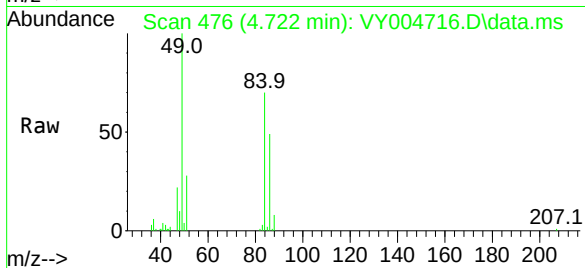
Tgt Ion: 43 Resp: 24732
Ion Ratio Lower Upper
43 100
58 29.3 24.6 37.0



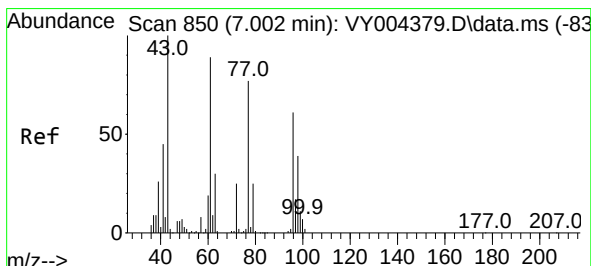
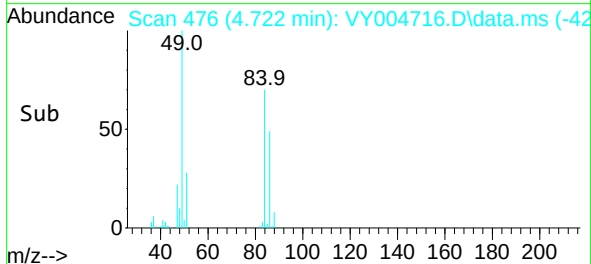
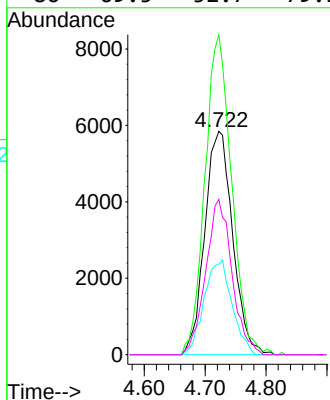


#20
Methylene Chloride
Concen: 10.47 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Instrument :
MSVOA_Y
ClientSampleId :

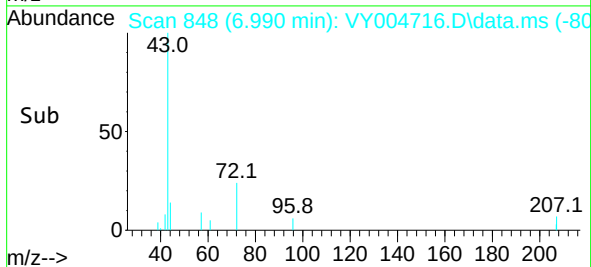
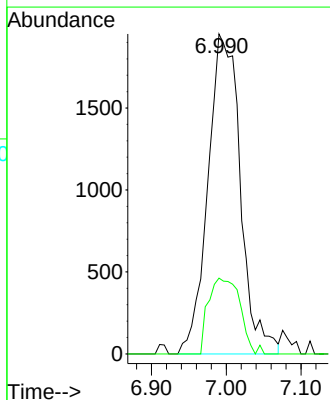
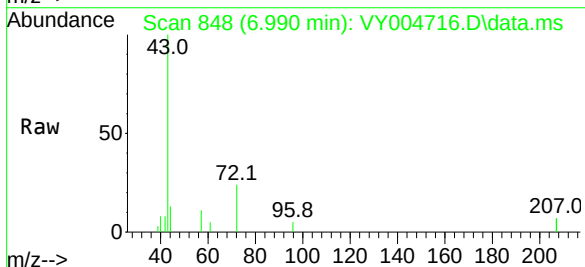


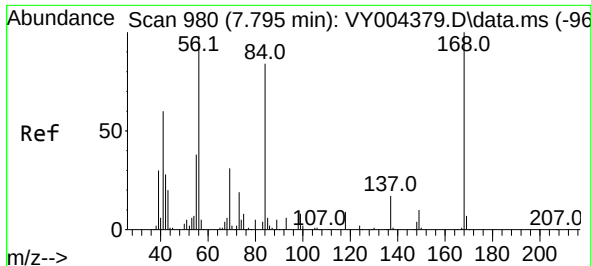
Tgt Ion:	84	Resp:	18615
Ion	Ratio	Lower	Upper
84	100		
49	143.3	111.2	166.8
51	40.6	33.4	50.2
86	69.5	52.7	79.1



#25
2-Butanone
Concen: 8.39 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

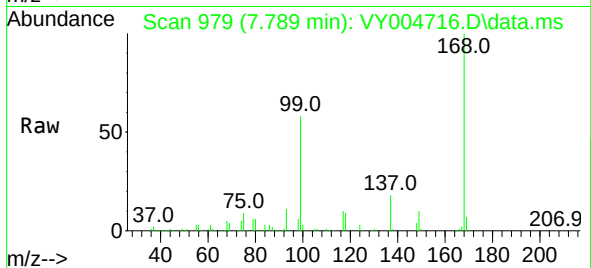
Tgt Ion:	43	Resp:	5886
Ion	Ratio	Lower	Upper
43	100		
72	23.7	20.2	30.2



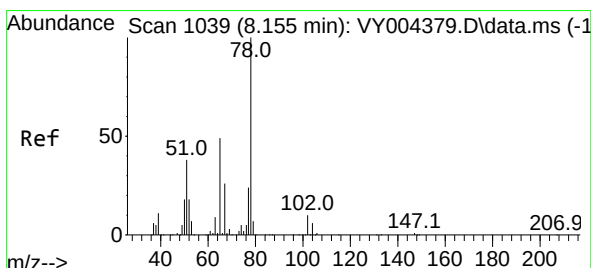
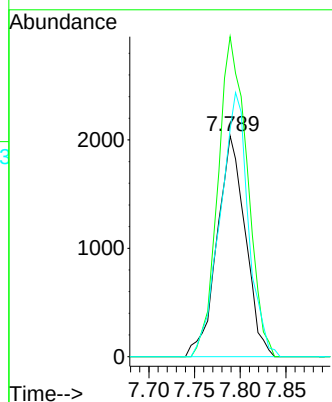
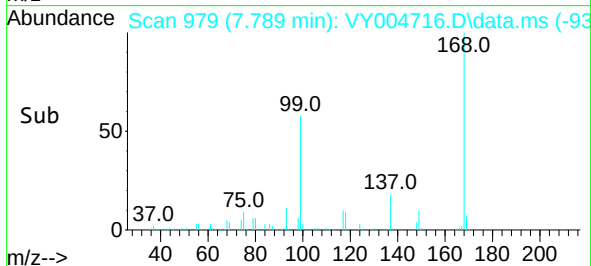


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

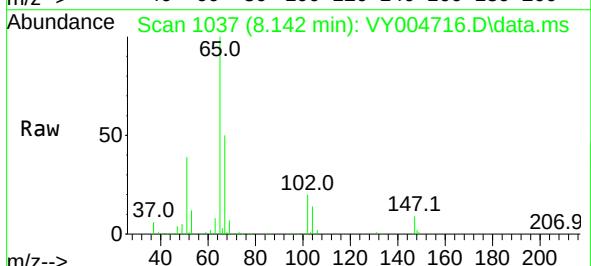
Instrument :
MSVOA_Y
ClientSampled :



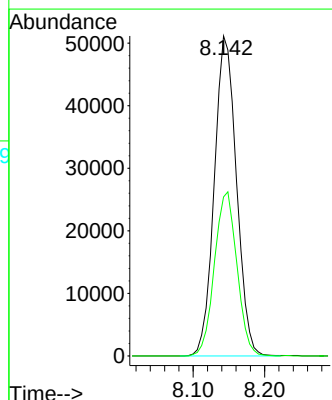
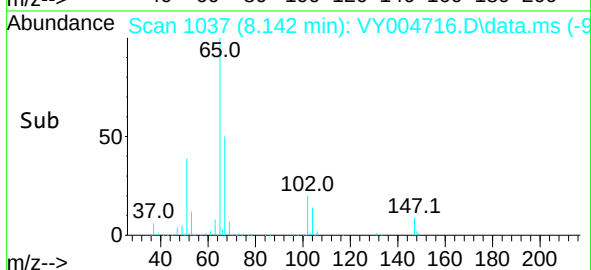
Tgt Ion: 56 Resp: 4365
Ion Ratio Lower Upper
56 100
69 144.9 25.8 38.6#
84 102.9 68.2 102.4#

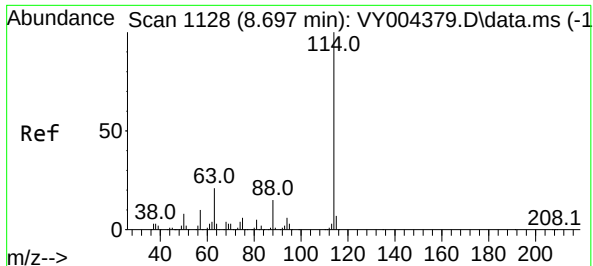


#33
1,2-Dichloroethane-d4
Concen: 59.81 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31



Tgt Ion: 65 Resp: 110116
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4

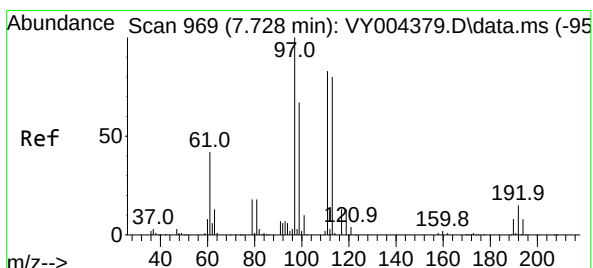
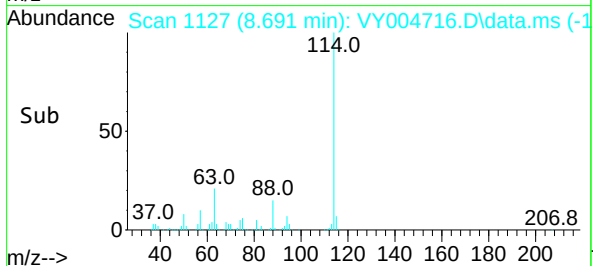
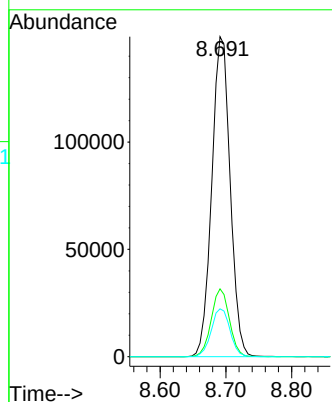
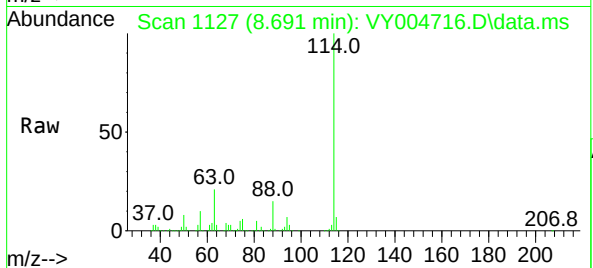




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

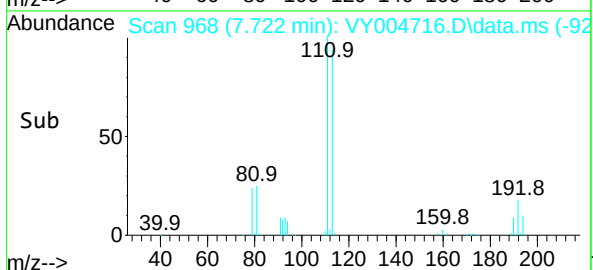
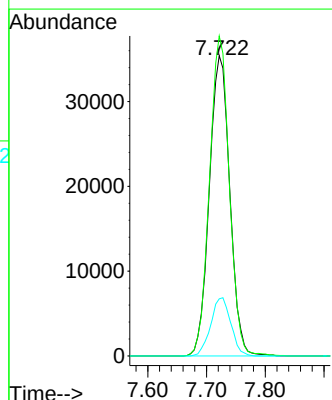
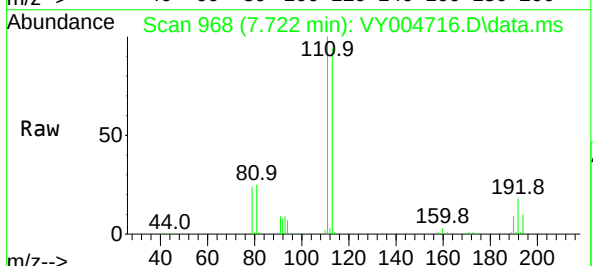
Instrument :
MSVOA_Y
ClientSampleId :

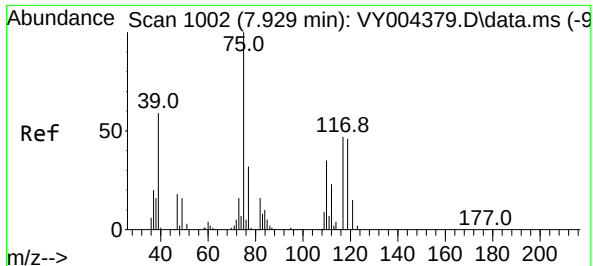
Tgt Ion:114 Resp: 290071
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.22 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion:113 Resp: 85670
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.1 16.1 24.1

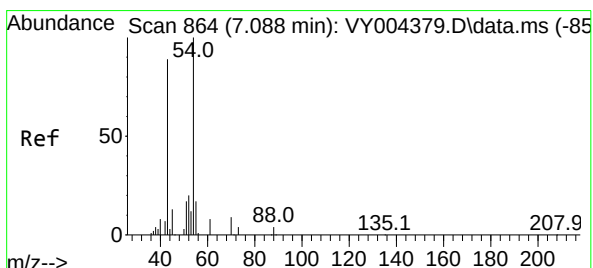
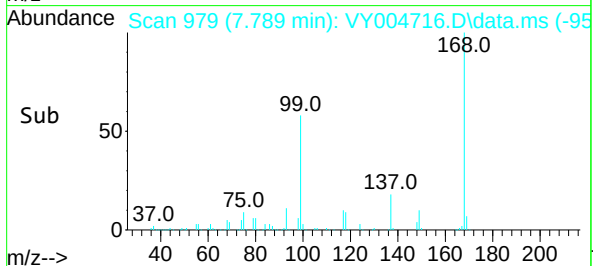
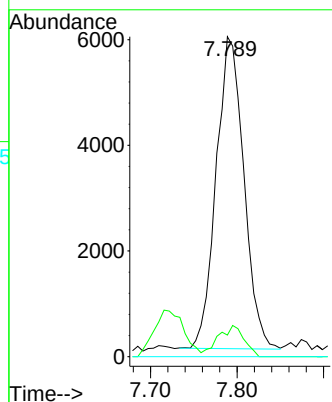
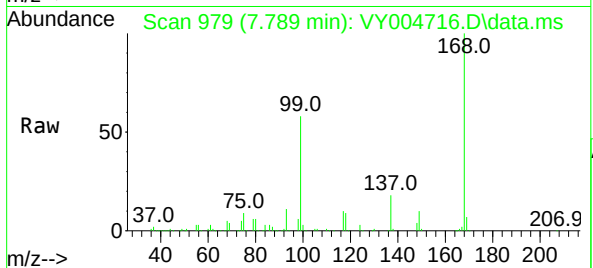




#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

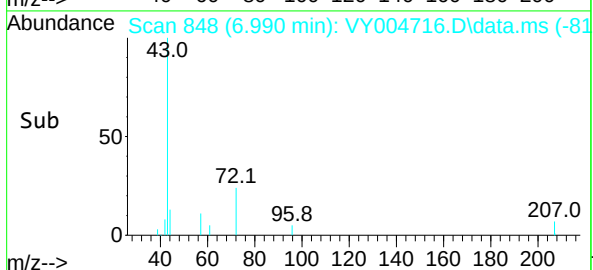
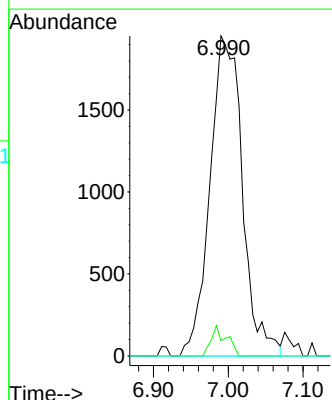
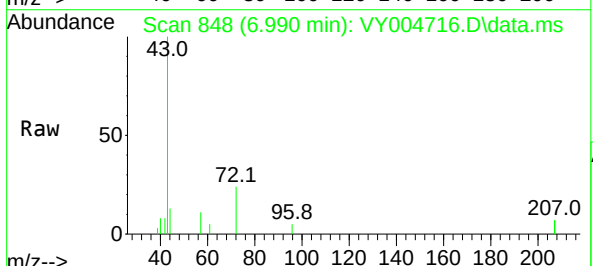
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ClientSampleId :

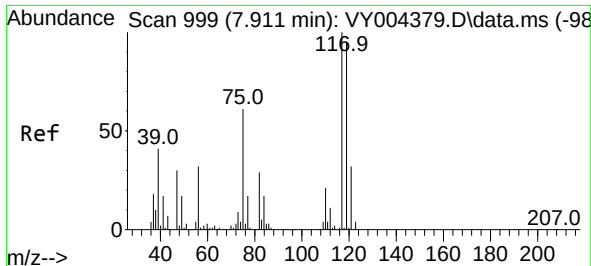
Tgt Ion: 75 Resp: 13115
Ion Ratio Lower Upper
75 100
110 9.4 17.3 51.7#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 3.17 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.097 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

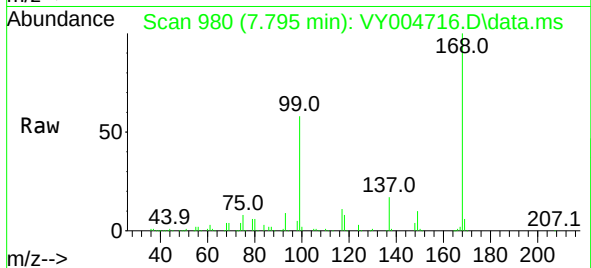
Tgt Ion: 43 Resp: 5886
Ion Ratio Lower Upper
43 100
61 4.4 10.4 15.6#
70 0.0 7.5 11.3#



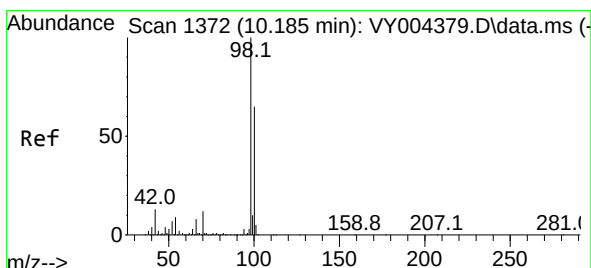
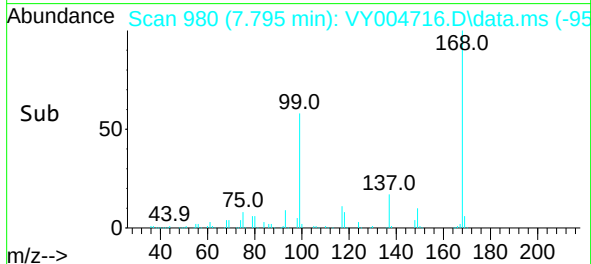
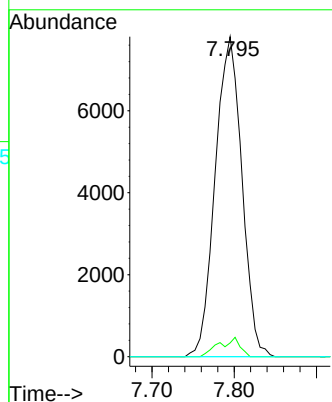


#38
Carbon Tetrachloride
Concen: 7.07 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Instrument :
MSVOA_Y
ClientSampleId :

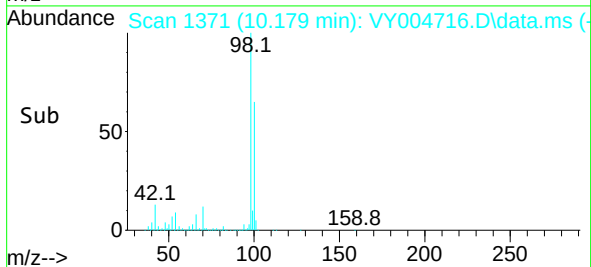
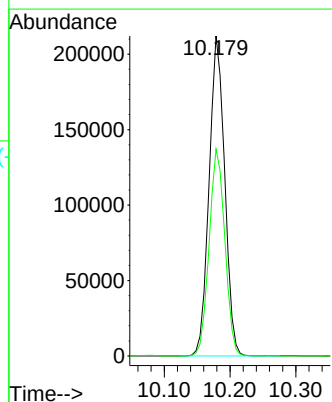
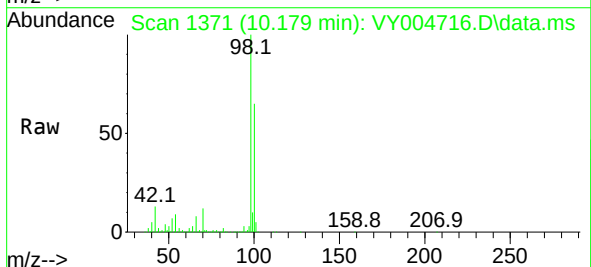


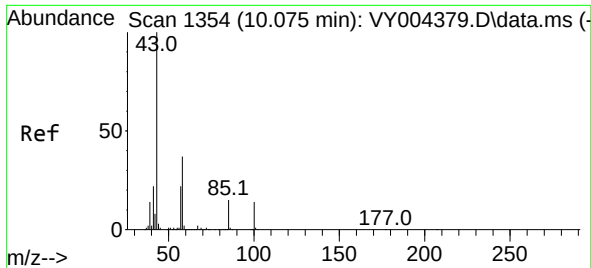
Tgt Ion:117 Resp: 17621
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.12 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion: 98 Resp: 350029
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

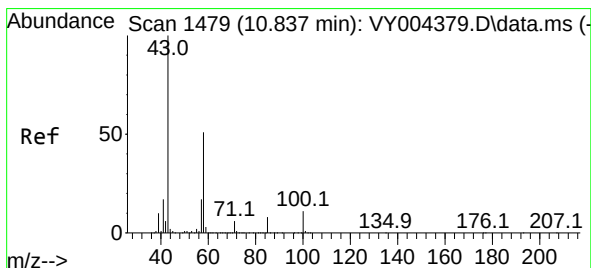
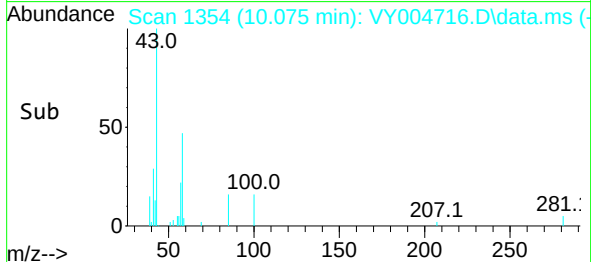
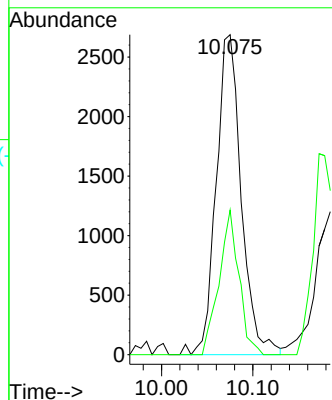
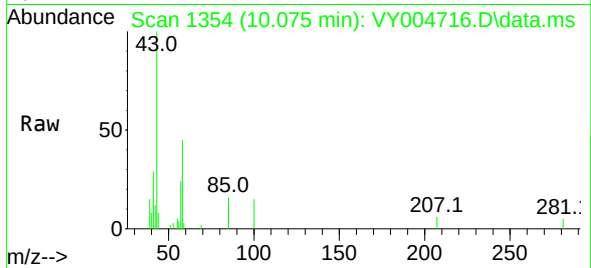




#51
4-Methyl-2-Pentanone
Concen: 2.84 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

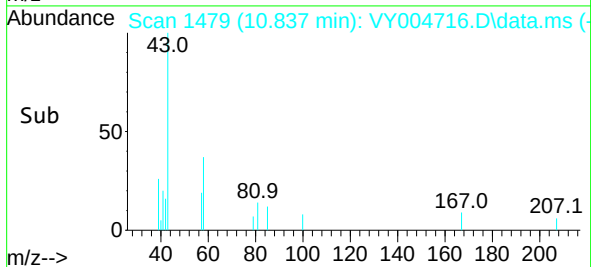
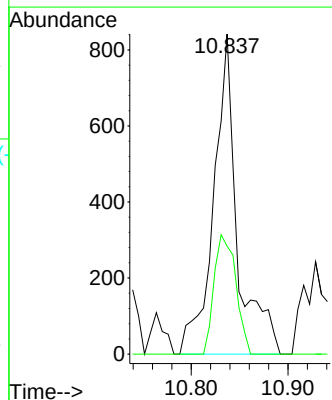
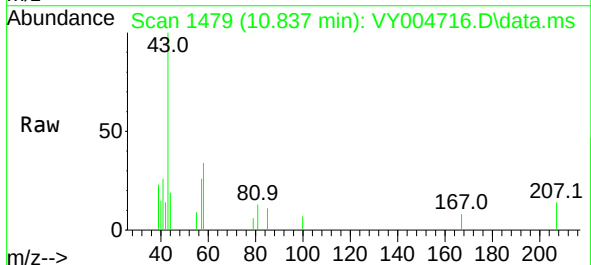
Instrument :
MSVOA_Y
ClientSampled :

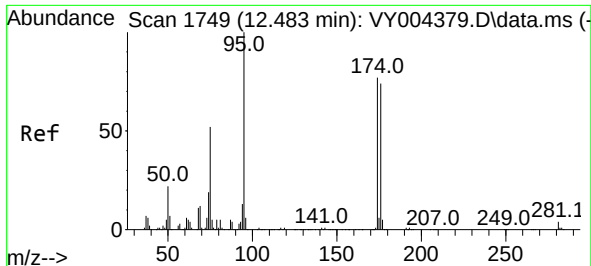
Tgt Ion: 43 Resp: 5128
Ion Ratio Lower Upper
43 100
58 35.9 29.2 43.8



#59
2-Hexanone
Concen: 1.19 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
58 34.1 25.4 76.4

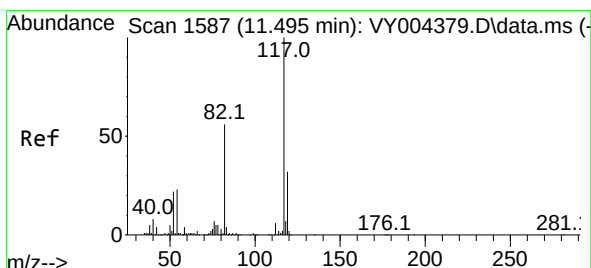
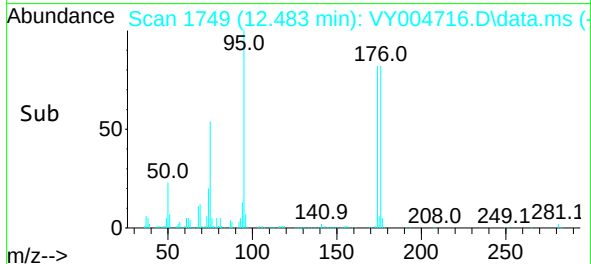
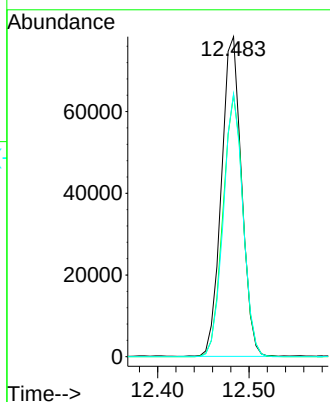
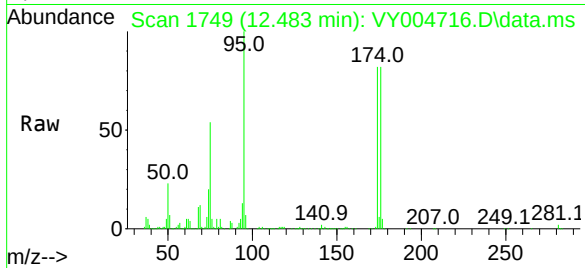




#62
4-Bromofluorobenzene
Concen: 51.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

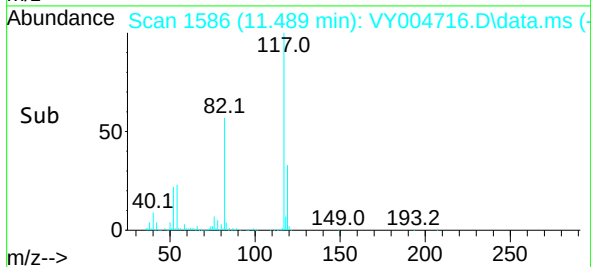
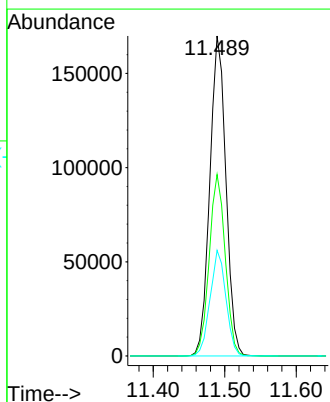
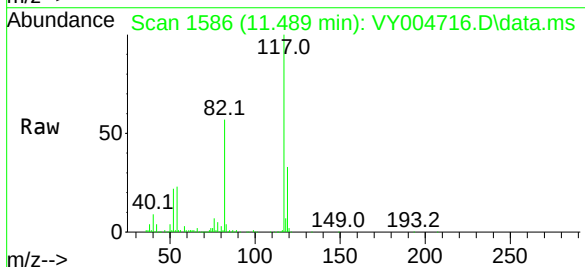
Instrument :
MSVOA_Y
ClientSampleId :

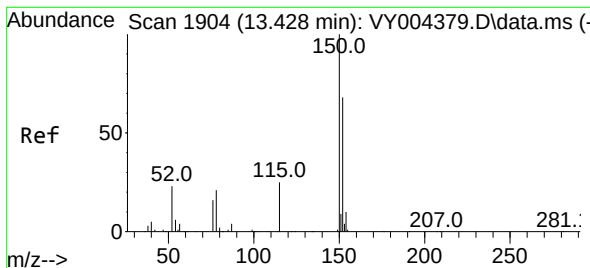
Tgt Ion: 95 Resp: 120182
Ion Ratio Lower Upper
95 100
174 81.4 0.0 162.4
176 80.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion: 117 Resp: 265828
Ion Ratio Lower Upper
117 100
82 56.7 44.9 67.3
119 33.0 25.4 38.0

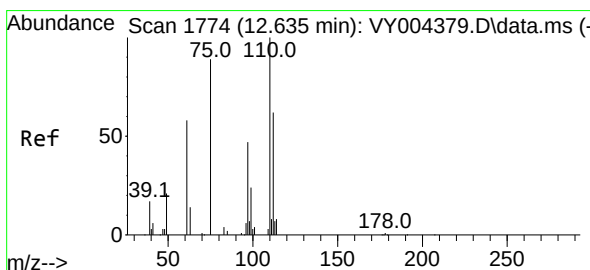
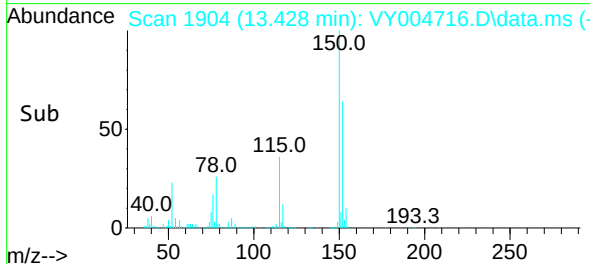
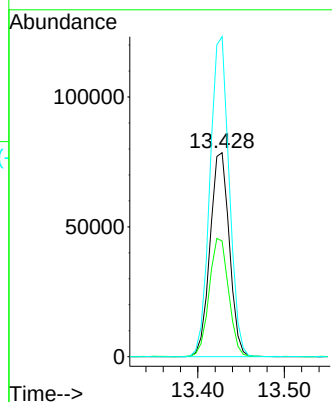
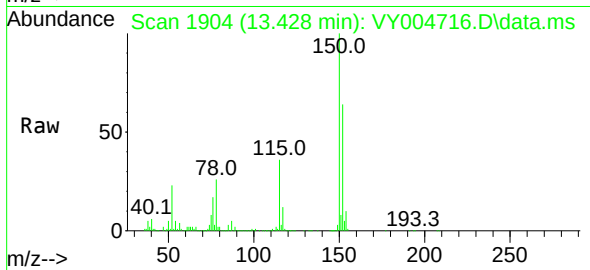




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004716.D
 Acq: 04 May 2021 15:31

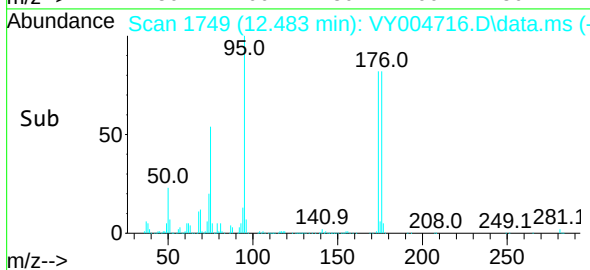
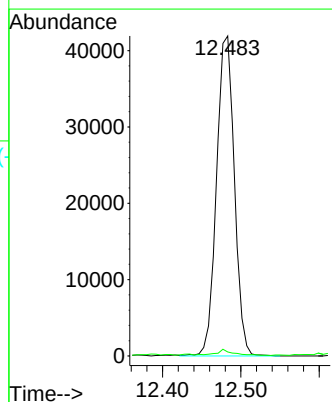
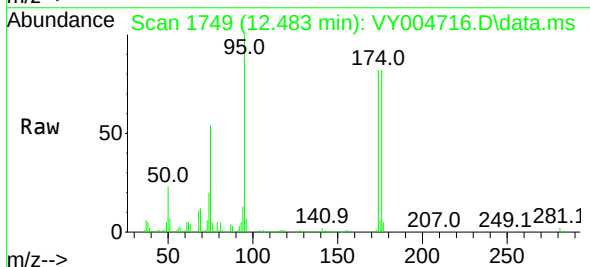
Instrument :
 MSVOA_Y
 ClientSampled :

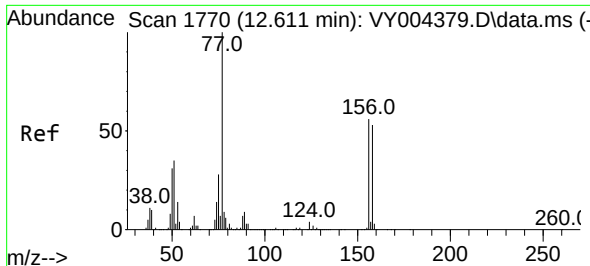
Tgt Ion:152 Resp: 121416
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.6 88.8
 150 156.3 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 51.03 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004716.D
 Acq: 04 May 2021 15:31

Tgt Ion: 75 Resp: 66502
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

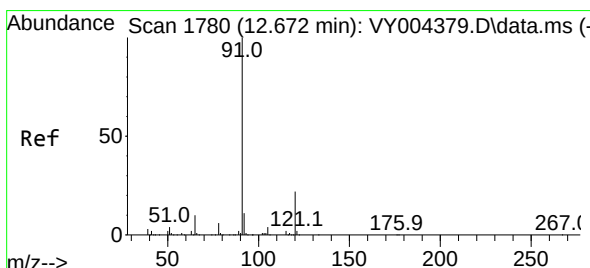
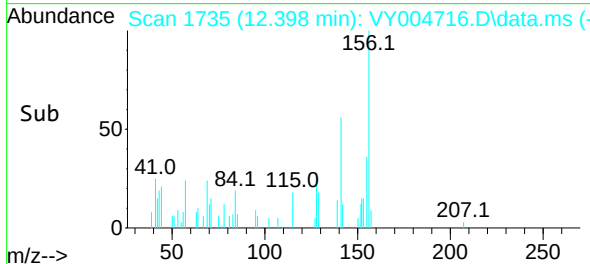
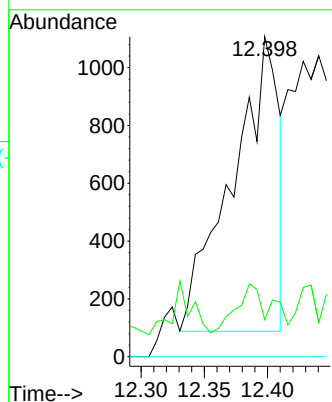
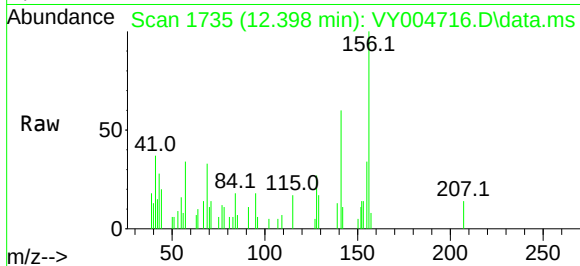




#77
Bromobenzene
Concen: 1.24 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. -0.213 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

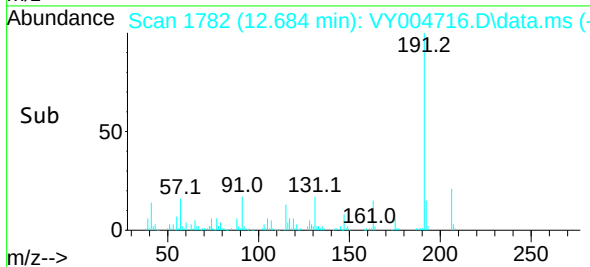
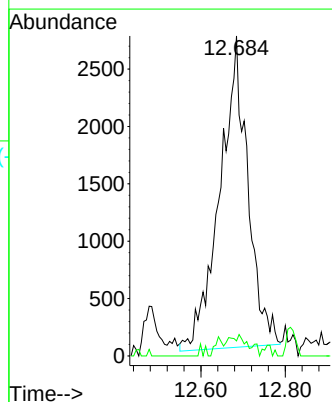
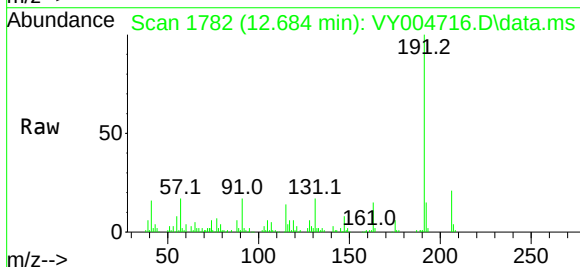
Instrument :
MSVOA_Y
ClientSampleId :

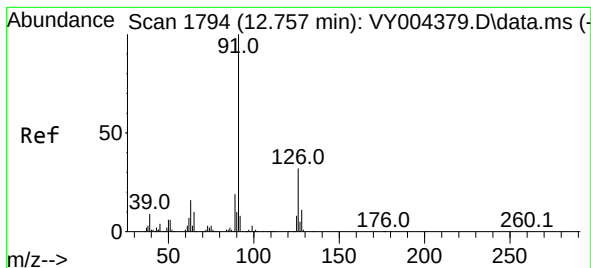
Tgt Ion: 156 Resp: 2609
Ion Ratio Lower Upper
156 100
77 8.5 98.6 295.7#
158 0.0 48.4 145.2#



#78
n-propylbenzene
Concen: 1.13 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.012 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

Tgt Ion: 91 Resp: 12484
Ion Ratio Lower Upper
91 100
120 0.8 11.5 34.4#

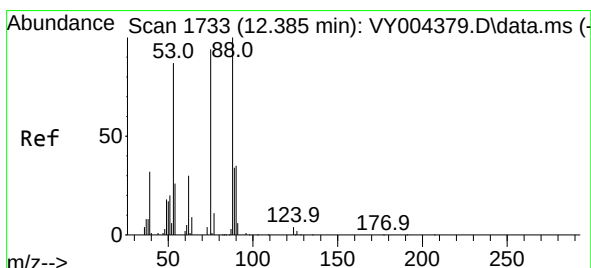
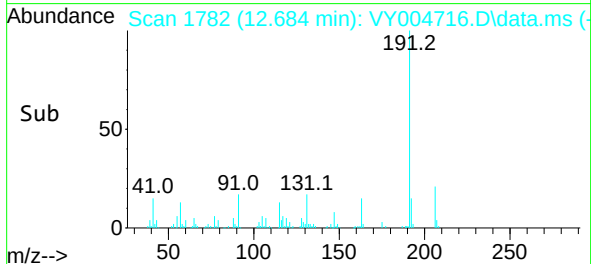
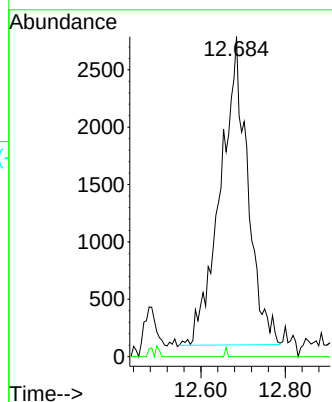
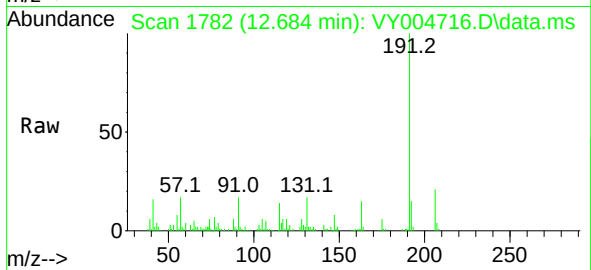




#79
2-Chlorotoluene
Concen: 1.99 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. -0.073 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

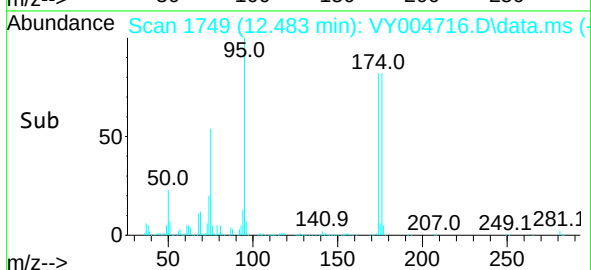
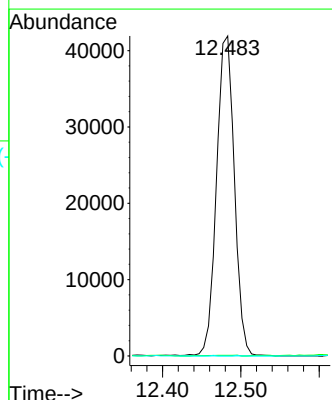
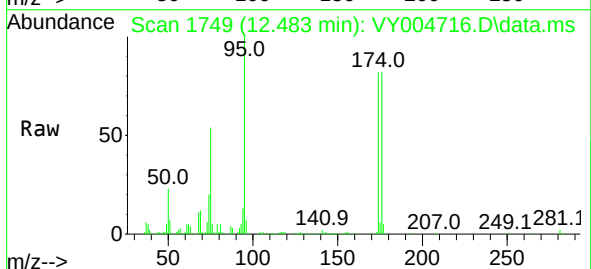
Instrument :
MSVOA_Y
ClientSampled :

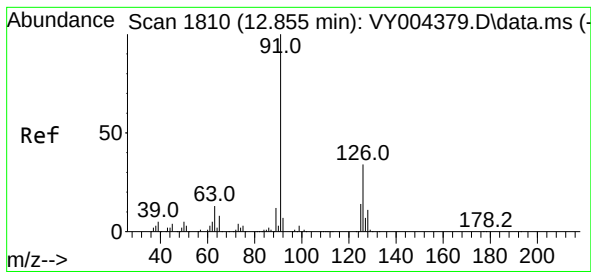
Tgt Ion: 91 Resp: 12042
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004716.D
Acq: 04 May 2021 15:31

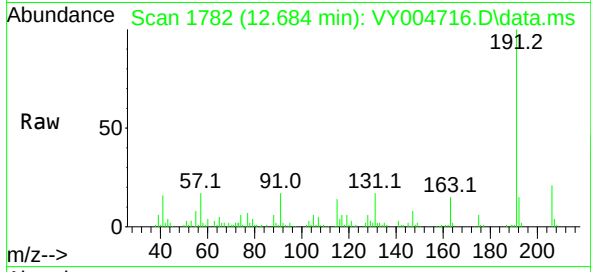
Tgt Ion: 75 Resp: 66502
Ion Ratio Lower Upper
75 100
53 0.3 75.0 112.6#
89 0.0 36.1 54.1#





#82
 4-Chlorotoluene
 Concen: 1.87 ug/l
 RT: 12.684 min Scan# 1782
 Delta R.T. -0.171 min
 Lab File: VY004716.D
 Acq: 04 May 2021 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 91 Resp: 11944
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.9 50.7#

