

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004590.D
 Acq On : 22 Apr 2021 17:11
 Operator : SY/MD
 Sample : M2107-03RE
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:22:09 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)

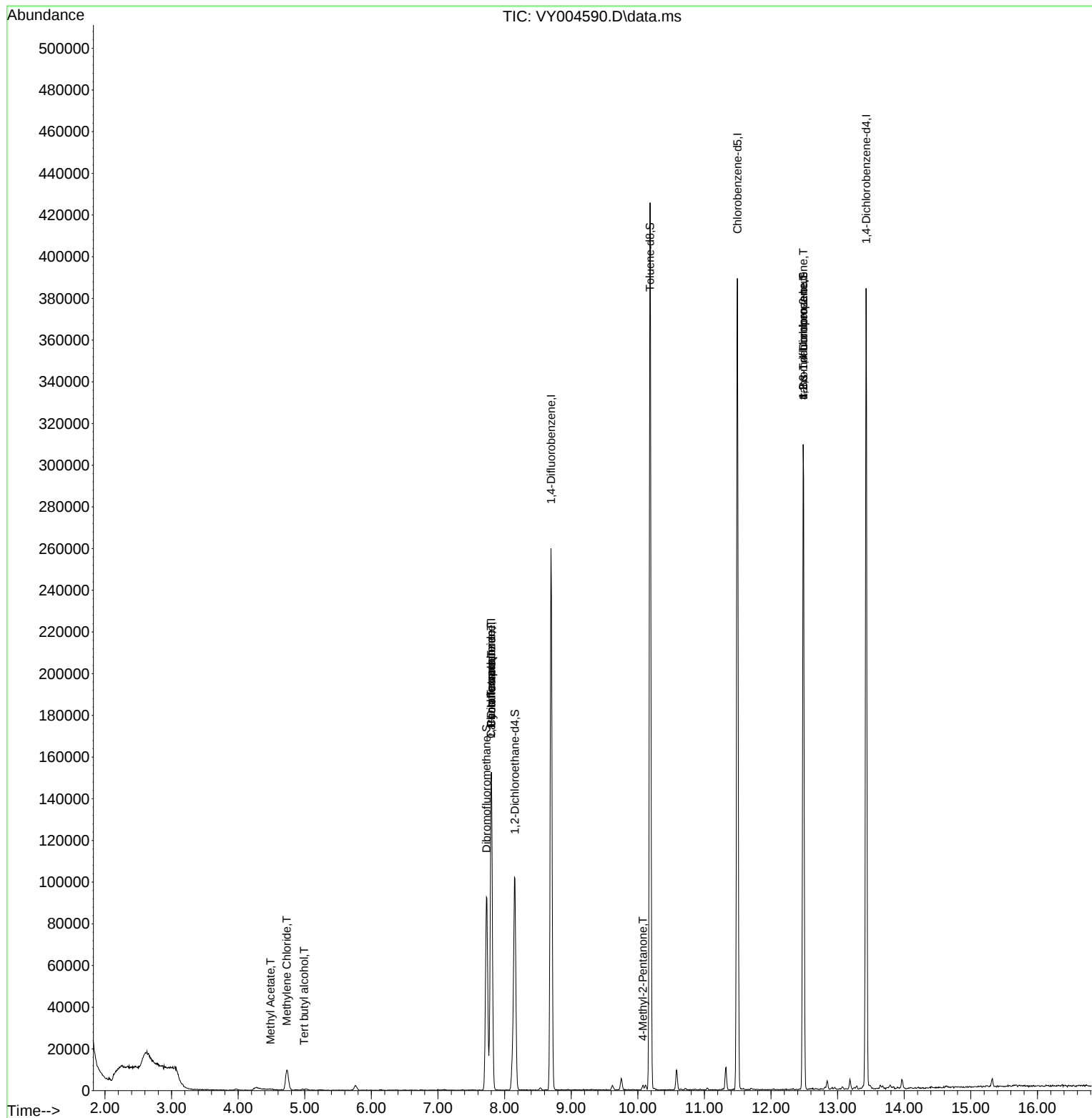
Internal Standards						
1) Pentafluorobenzene	7.801	168	115373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75934	59.24	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.48%			
35) Dibromofluoromethane	7.728	113	63796	55.38	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.76%			
50) Toluene-d8	10.185	98	257132	52.48	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.96%			
62) 4-Bromofluorobenzene	12.483	95	84862	51.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.08%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.991	59	955	7.56	ug/l #	73
16) Acetone	3.954	43	1221	Below Cal	#	71
18) Methyl Acetate	4.485	43	943	1.06	ug/l #	54
20) Methylene Chloride	4.729	84	7043	5.69	ug/l	95
31) Cyclohexane	7.801	56	3081	1.31	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	9623	4.67	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11988	6.72	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	1529	1.18	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	48719	50.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48719	89.88	ug/l #	12

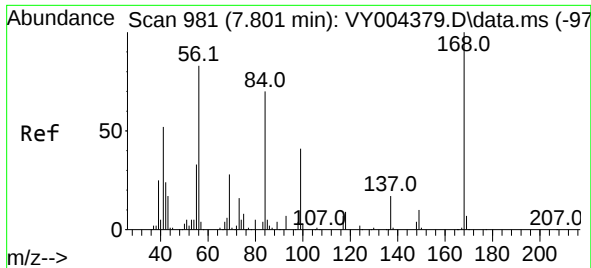
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

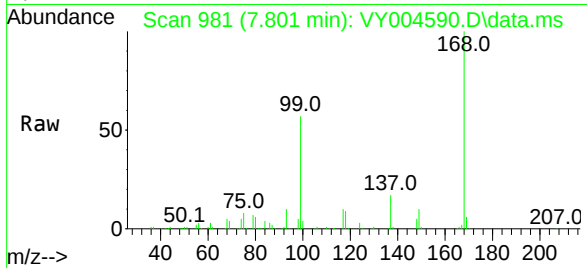
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



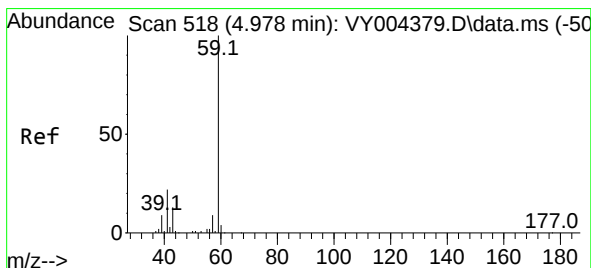
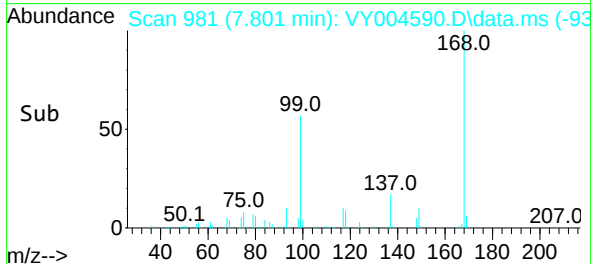
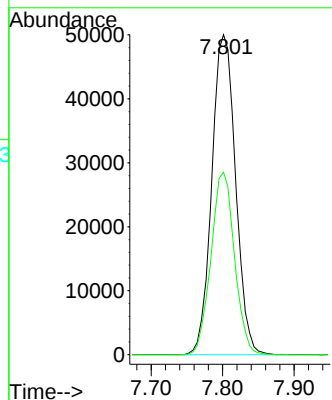


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

Instrument :
MSVOA_Y
ClientSampled :

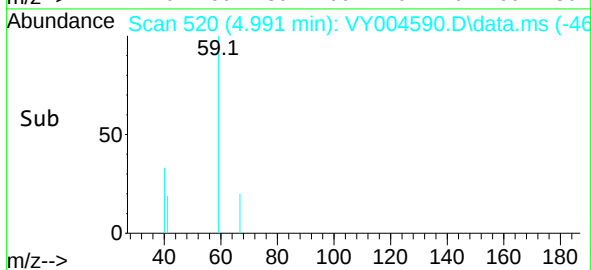
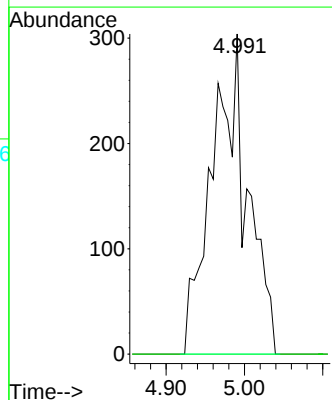
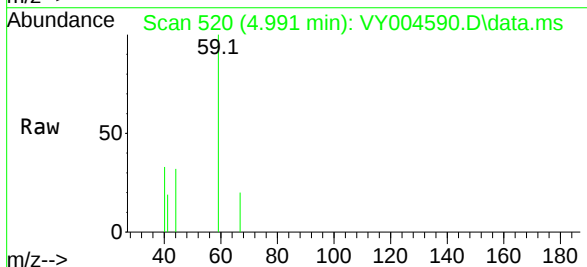


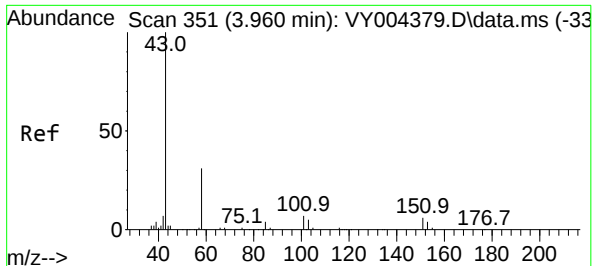
Tgt Ion:168 Resp: 115373
Ion Ratio Lower Upper
168 100
99 57.0 45.5 68.3



#11
Tert butyl alcohol
Concen: 7.56 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.012 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

Tgt Ion: 59 Resp: 955
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

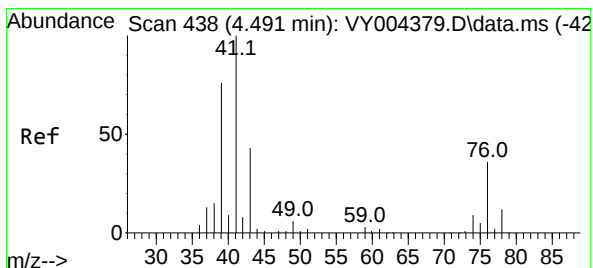
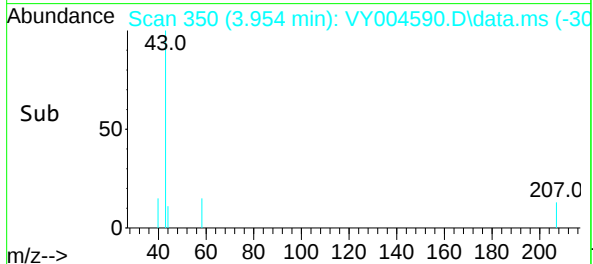
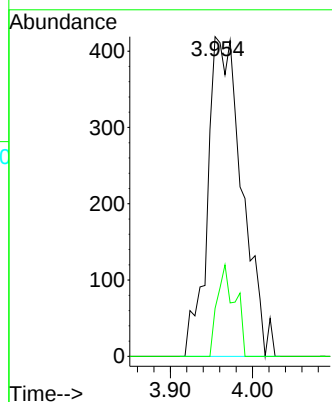
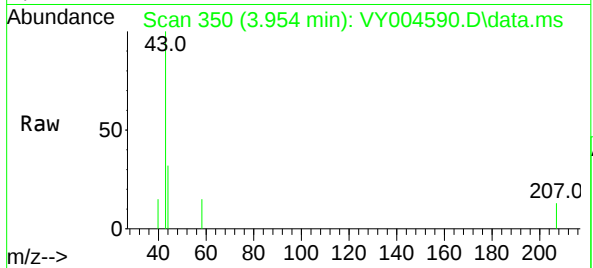




#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

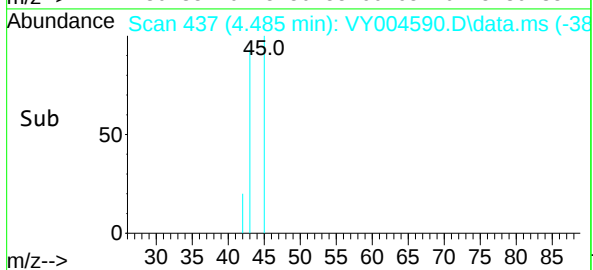
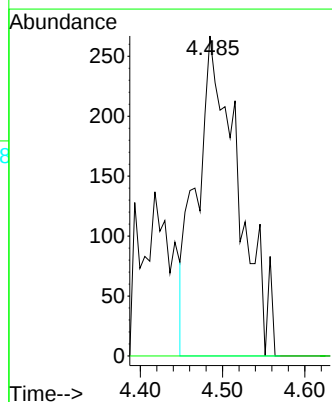
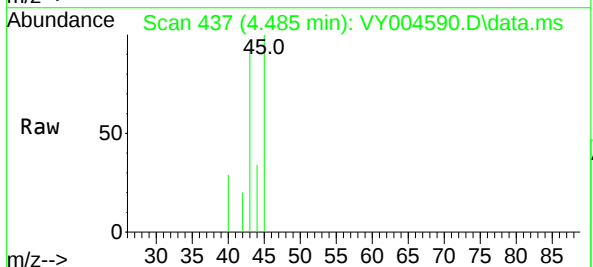
Instrument :
MSVOA_Y
ClientSampled :

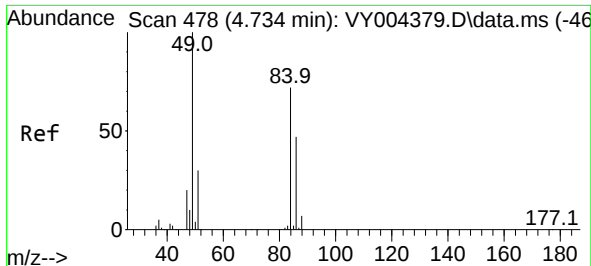
Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
58 15.0 24.6 37.0#



#18
Methyl Acetate
Concen: 1.06 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

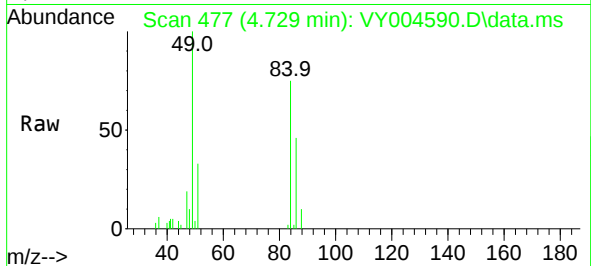
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#





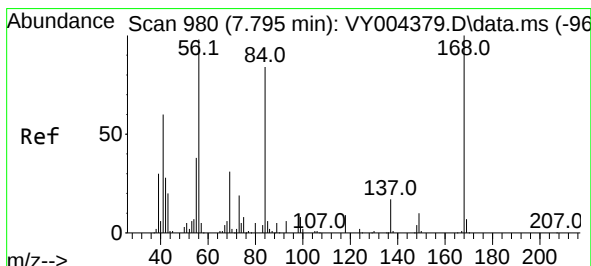
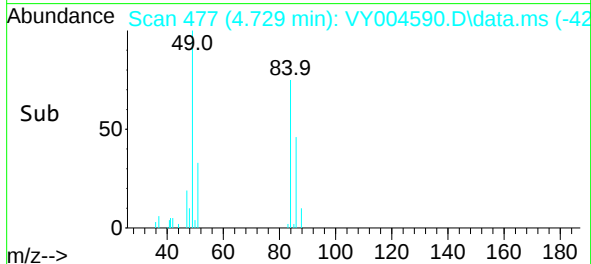
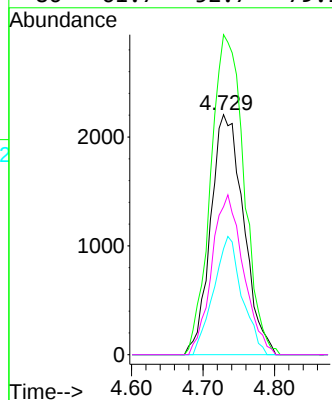
#20
Methylene Chloride
Concen: 5.69 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

Instrument :
MSVOA_Y
ClientSampleId :

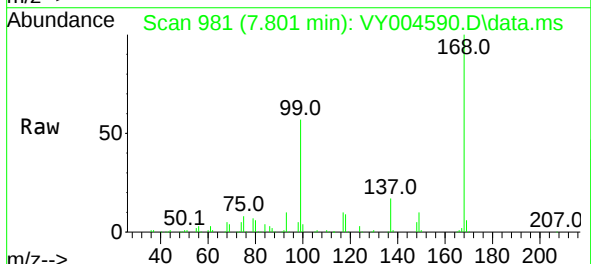


Tgt Ion: 84 Resp: 7043

Ion	Ratio	Lower	Upper
84	100		
49	133.3	111.2	166.8
51	44.2	33.4	50.2
86	61.7	52.7	79.1

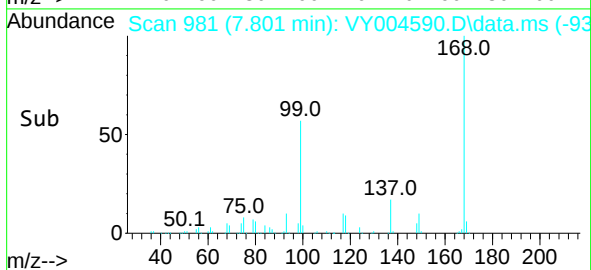
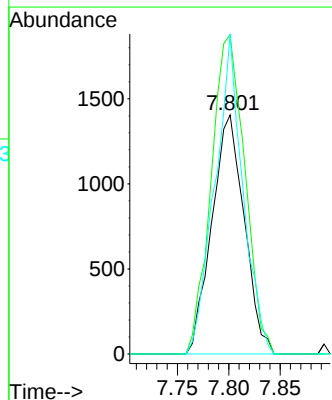


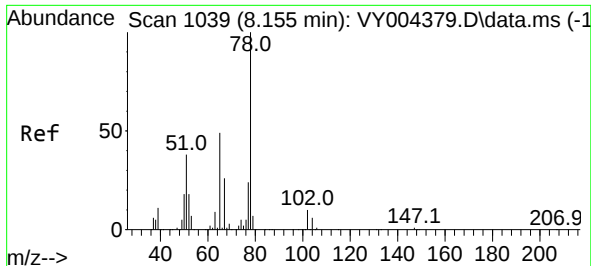
#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11



Tgt Ion: 56 Resp: 3081

Ion	Ratio	Lower	Upper
56	100		
69	133.6	25.8	38.6#
84	133.9	68.2	102.4#

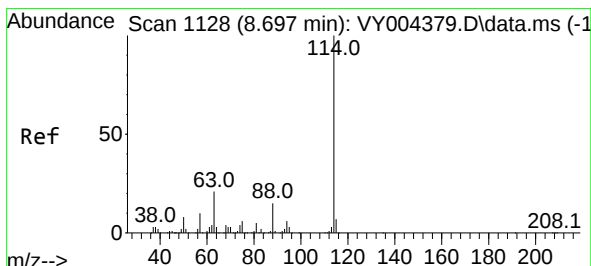
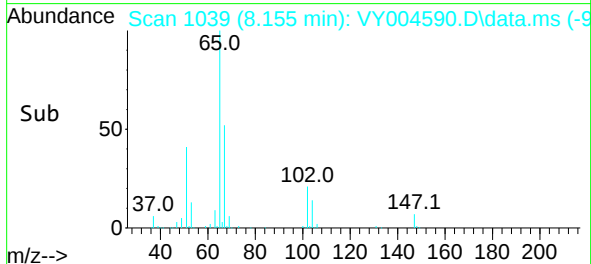
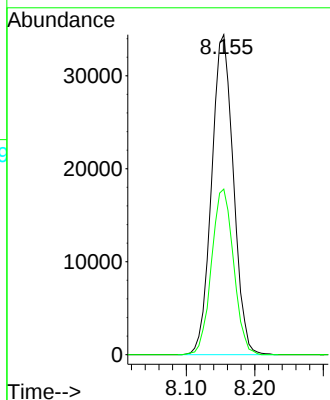
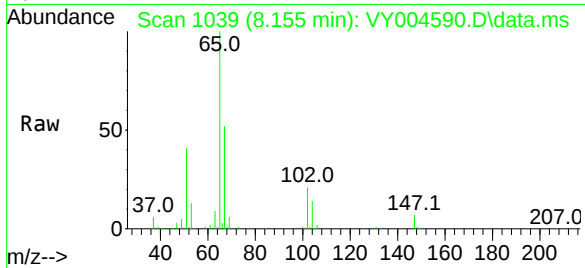




#33
1,2-Dichloroethane-d4
Concen: 59.24 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

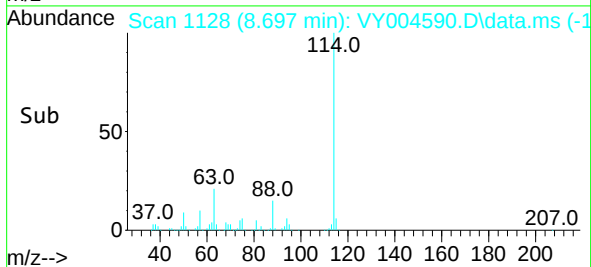
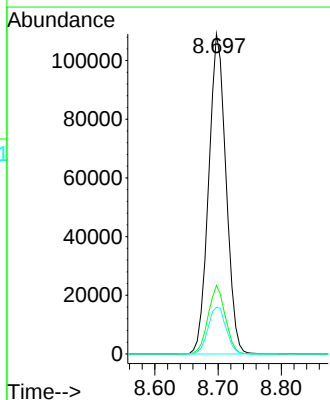
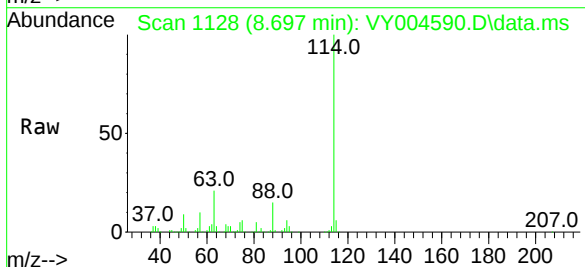
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 65 Resp: 75934
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

Tgt Ion: 114 Resp: 207568
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 14.6 0.0 30.8

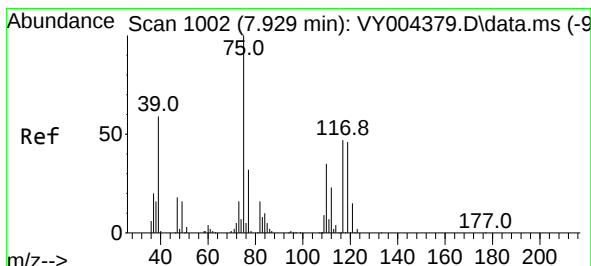
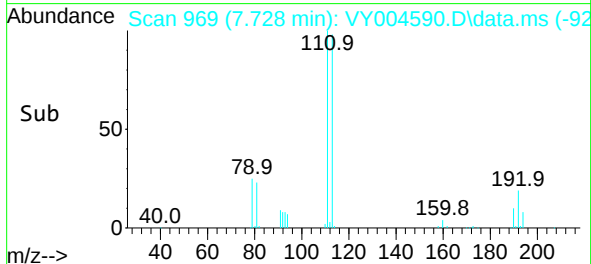
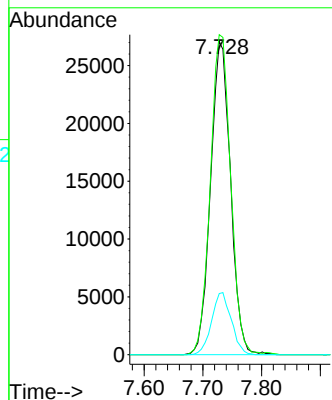
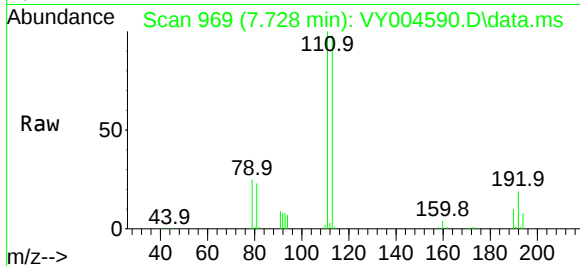




#35
Dibromofluoromethane
Concen: 55.38 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

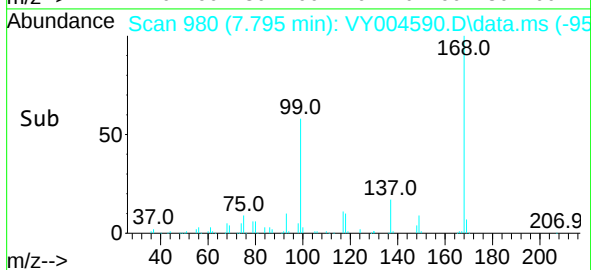
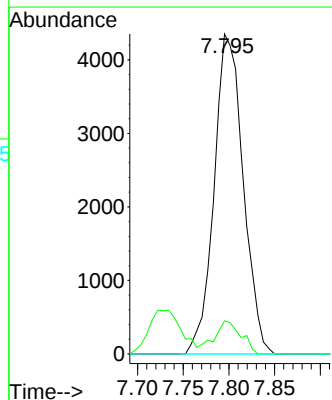
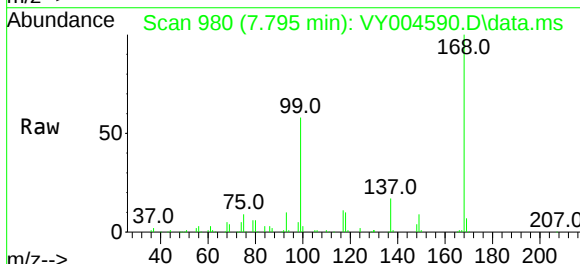
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	113	Resp:	63796
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	123.8
192	19.5	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

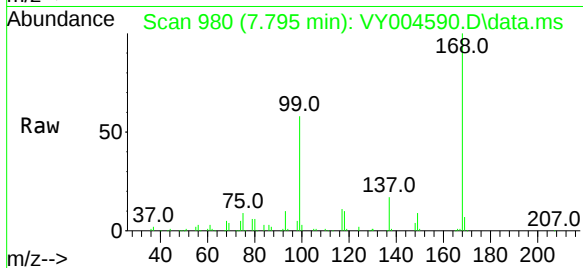
Tgt Ion:	75	Resp:	9623
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	51.7#
77	0.0	24.3	36.5#



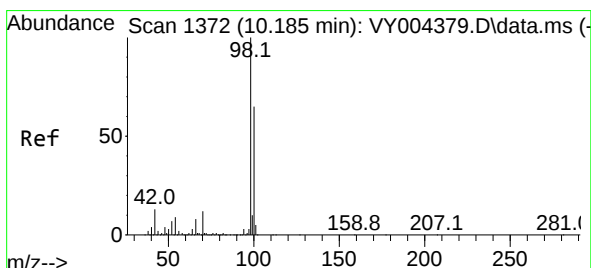
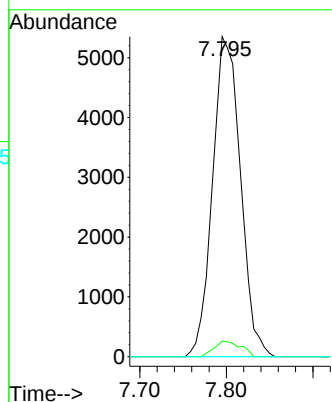
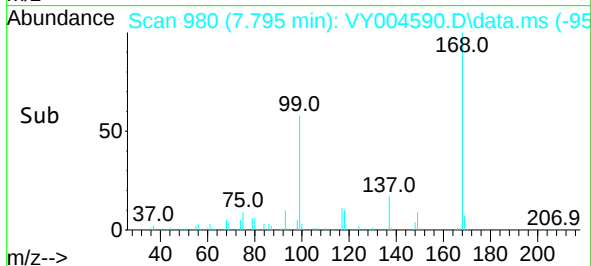


#38
Carbon Tetrachloride
Concen: 6.72 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

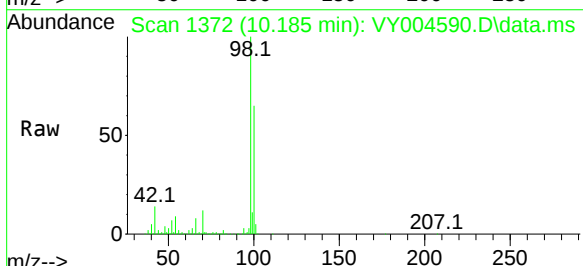
Instrument :
MSVOA_Y
ClientSampled :



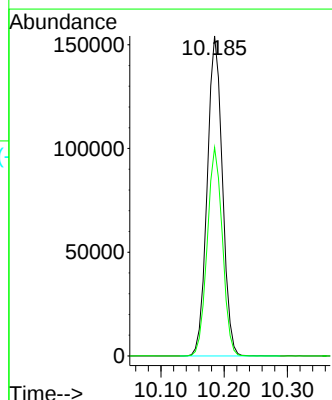
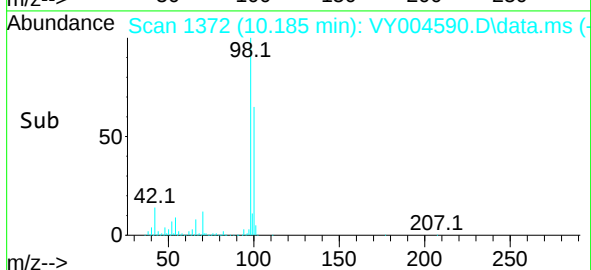
Tgt Ion: 117 Resp: 11988
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 25.3 37.9#

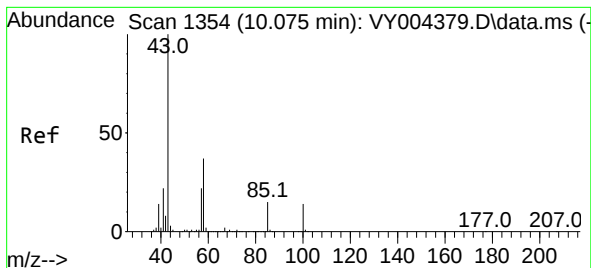


#50
Toluene-d8
Concen: 52.48 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11



Tgt Ion: 98 Resp: 257132
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

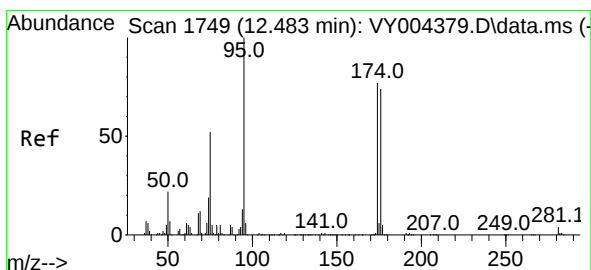
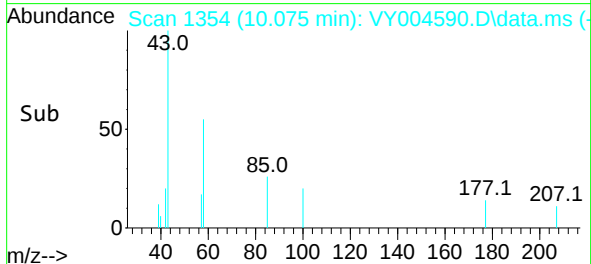
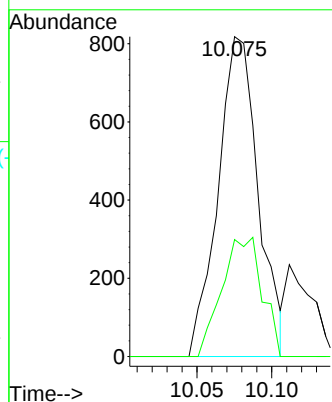
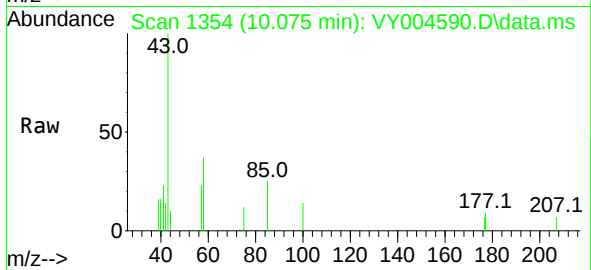




#51
4-Methyl-2-Pentanone
Concen: 1.18 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

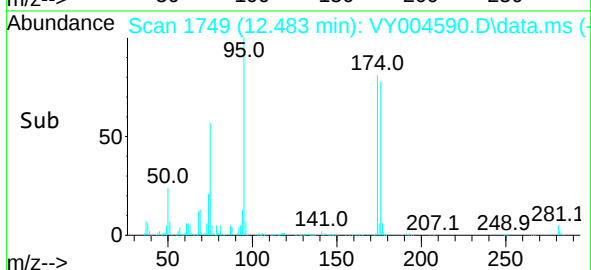
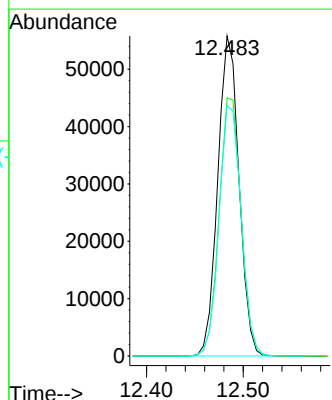
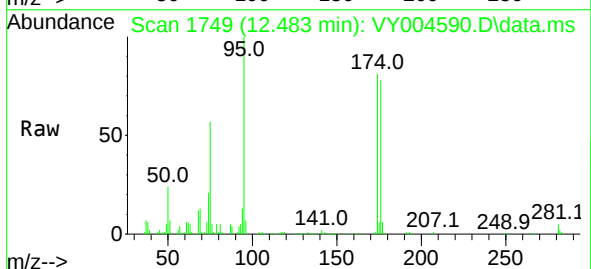
Instrument :
MSVOA_Y
ClientSampleId :

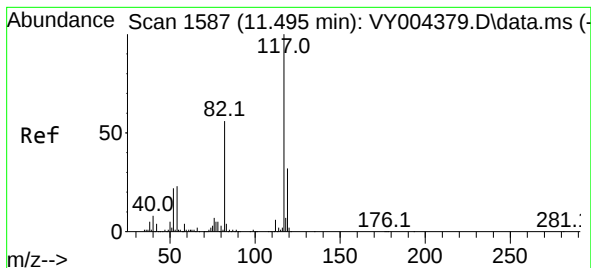
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 51.04 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

Tgt Ion: 95 Resp: 84862
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.4
176 81.3 0.0 156.0

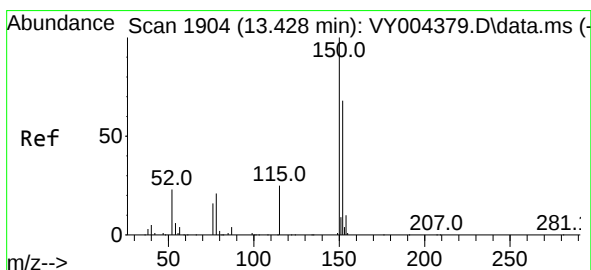
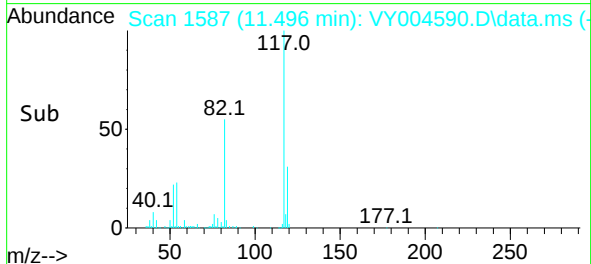
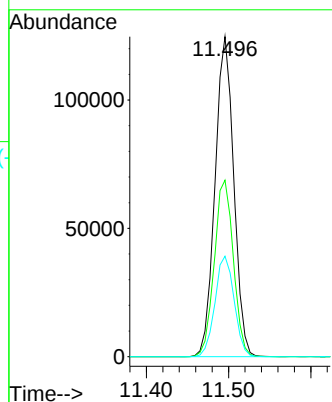
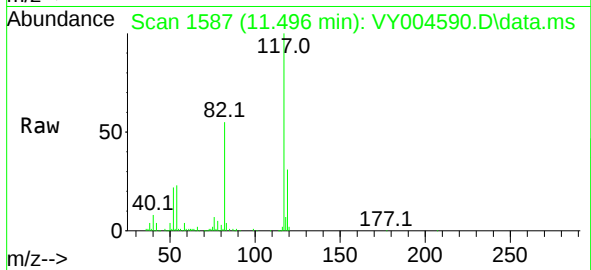




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

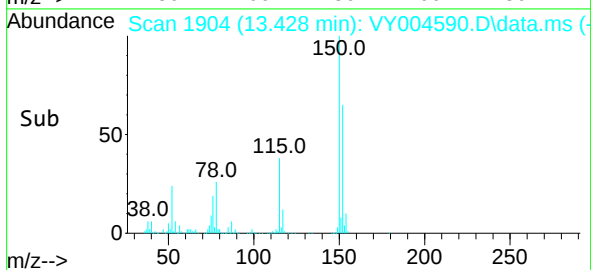
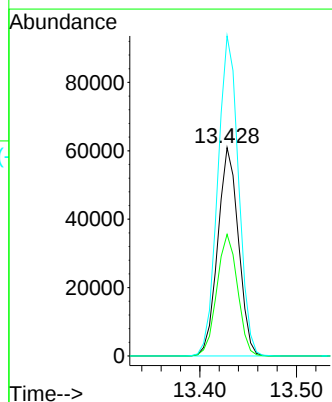
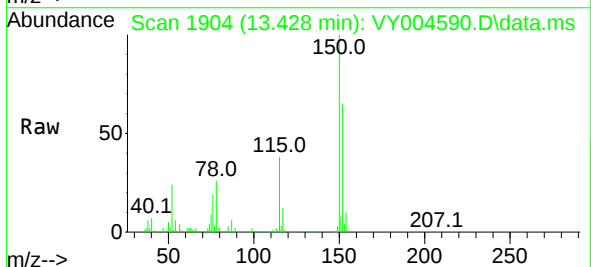
Instrument :
MSVOA_Y
ClientSampleId :

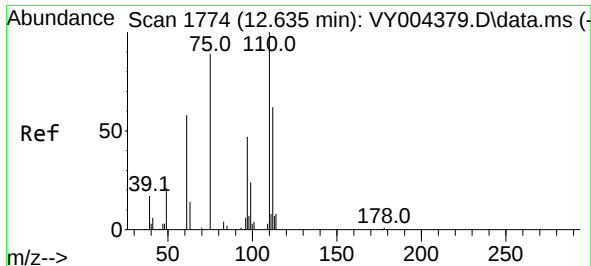
Tgt Ion:117 Resp: 197443
Ion Ratio Lower Upper
117 100
82 55.1 44.9 67.3
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

Tgt Ion:152 Resp: 90348
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 154.7 0.0 348.4

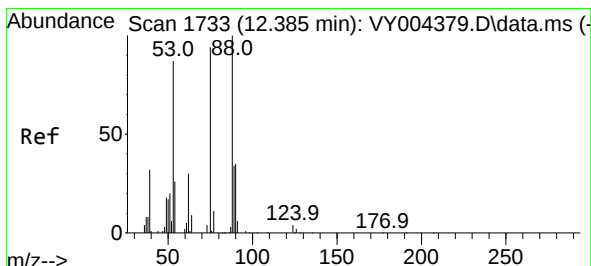
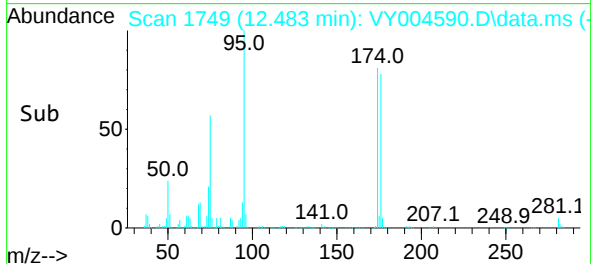
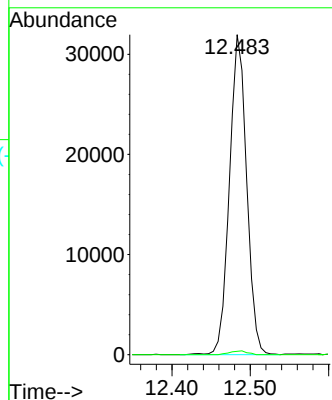
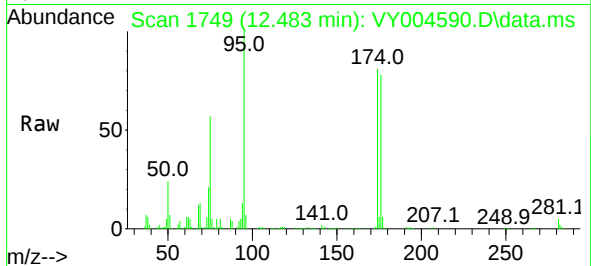




#76
1,2,3-Trichloropropane
Concen: 50.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 48719
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004590.D
Acq: 22 Apr 2021 17:11

Tgt Ion: 75 Resp: 48719
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#

