

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005055.D
 Acq On : 09 Jun 2021 18:37
 Operator : SY/MD
 Sample : M2651-04
 Misc : 11.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:43:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

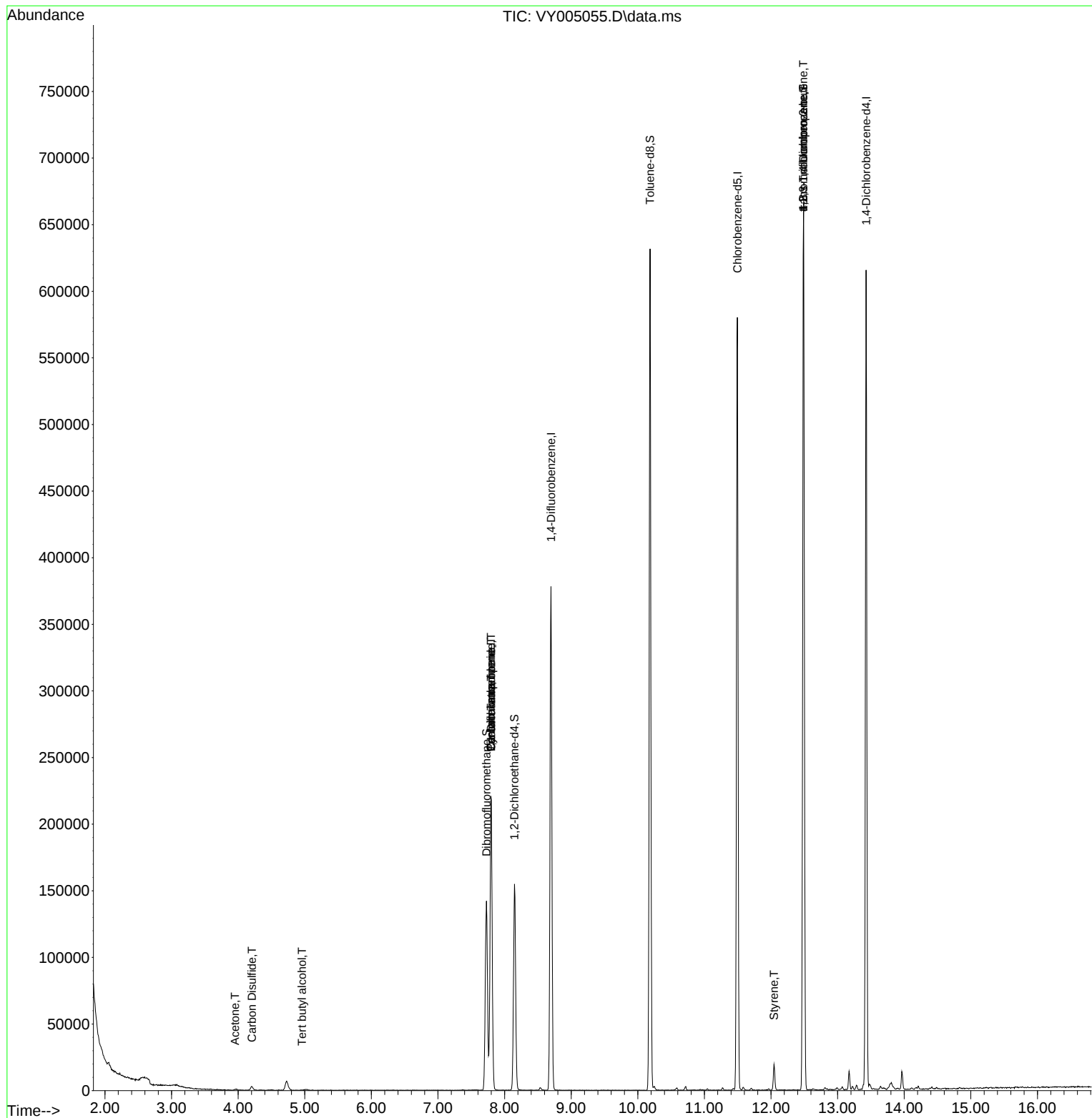
Internal Standards						
1) Pentafluorobenzene	7.795	168	164673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	314784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	116967	67.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.380%	
35) Dibromofluoromethane	7.728	113	100789	59.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.760%	
50) Toluene-d8	10.185	98	397231	56.820	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.640%	
62) 4-Bromofluorobenzene	12.483	95	140825	58.571	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	308	1.538	ug/l #	74
16) Acetone	3.954	43	445	1.062	ug/l #	81
17) Carbon Disulfide	4.204	76	5253	1.009	ug/l	96
20) Methylene Chloride	4.722	84	5241	Below Cal	#	85
31) Cyclohexane	7.795	56	3609	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13344	4.358	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17033	6.392	ug/l #	17
70) Styrene	12.044	104	8877	1.325	ug/l	92
76) 1,2,3-Trichloropropane	12.483	75	76191	46.799	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76191	86.006	ug/l #	16

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

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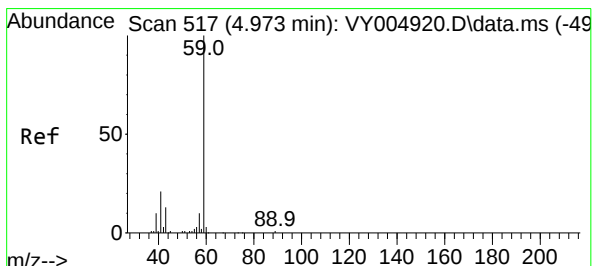
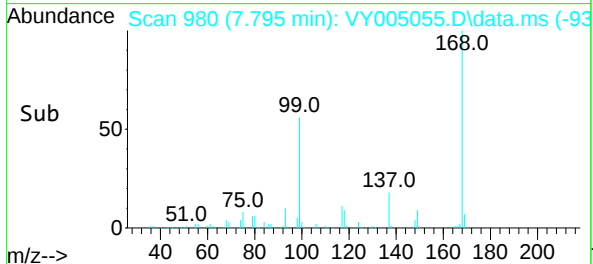
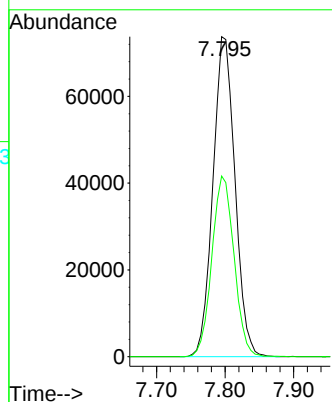
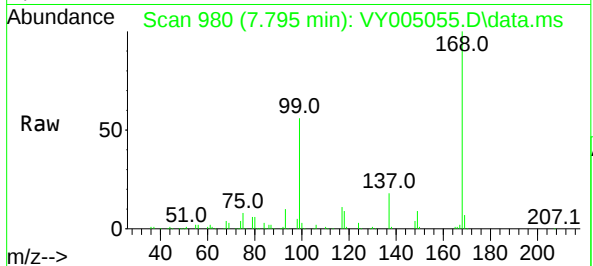




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

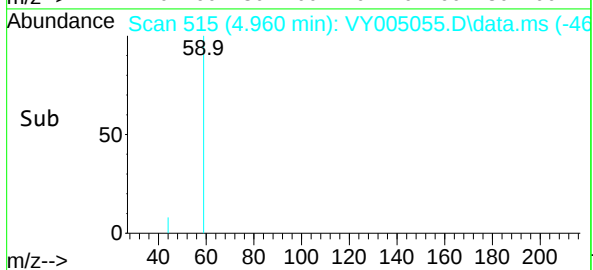
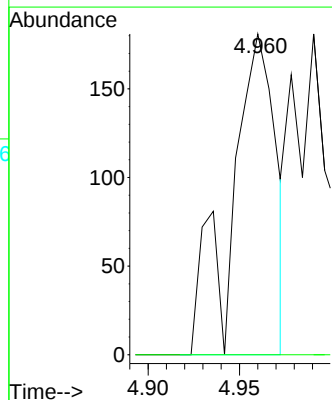
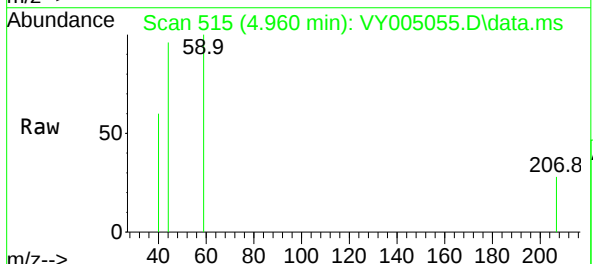
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 164673
Ion Ratio Lower Upper
168 100
99 56.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.538 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

Tgt Ion: 59 Resp: 308
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

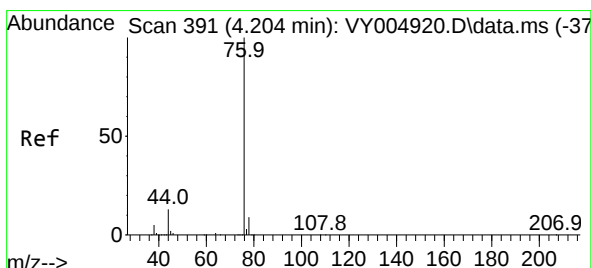
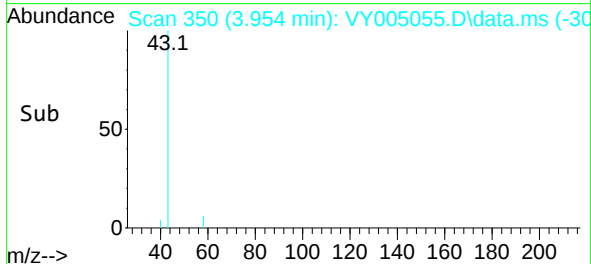
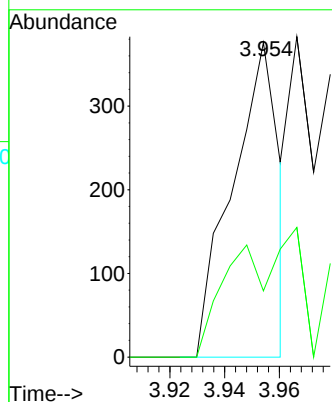
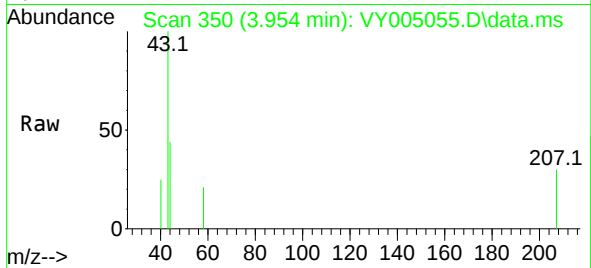




#16
Acetone
Concen: 1.062 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

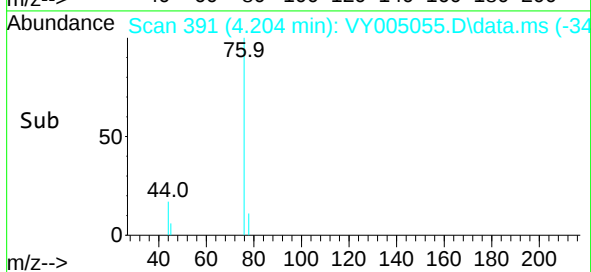
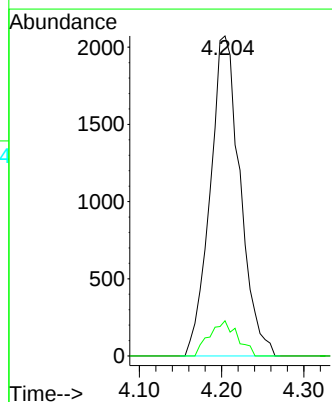
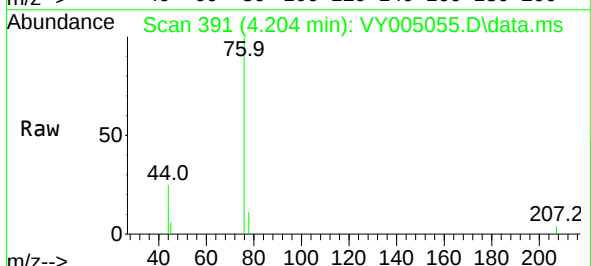
Instrument :
MSVOA_Y
ClientSampled :

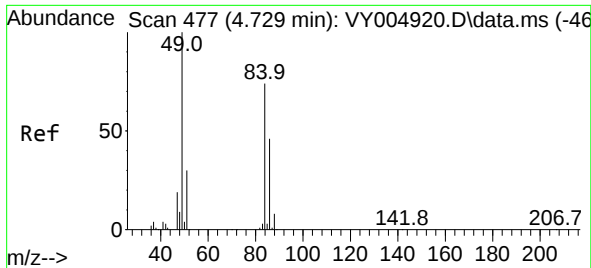
Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
43 100
58 21.0 25.3 37.9#



#17
Carbon Disulfide
Concen: 1.009 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

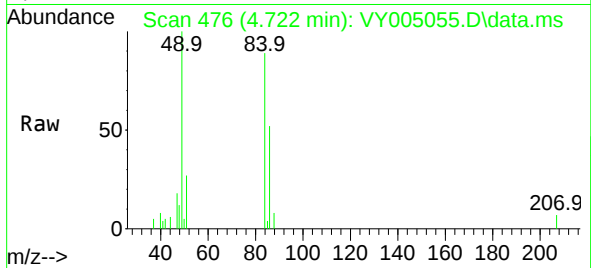
Tgt Ion: 76 Resp: 5253
Ion Ratio Lower Upper
76 100
78 11.0 7.6 11.4





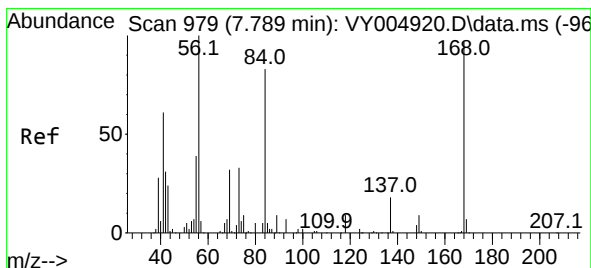
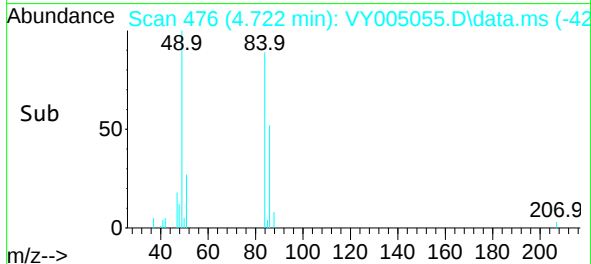
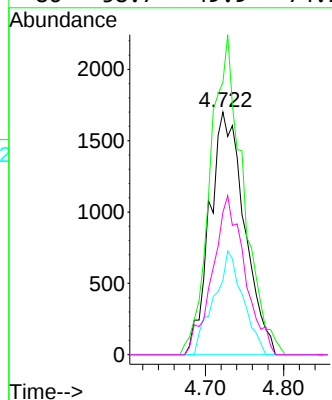
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

Instrument :
MSVOA_Y
ClientSampleId :

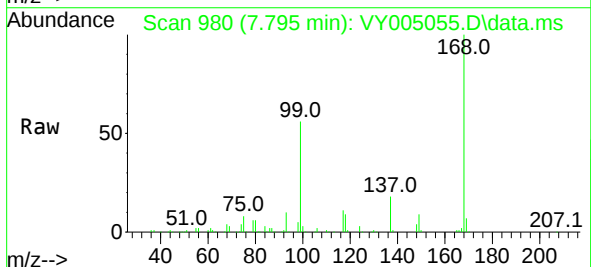


Tgt Ion: 84 Resp: 5241

Ion	Ratio	Lower	Upper
84	100		
49	112.3	108.0	162.0
51	30.7	32.6	48.8#
86	58.7	49.9	74.9

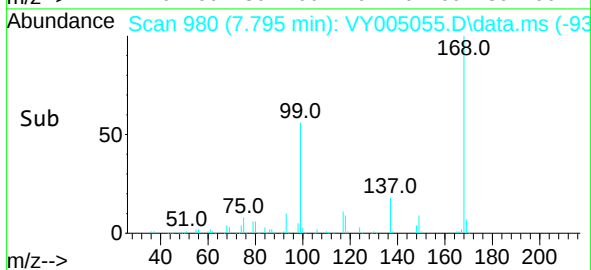
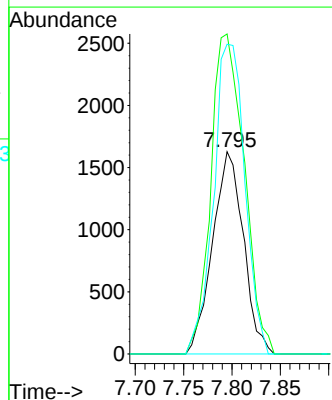


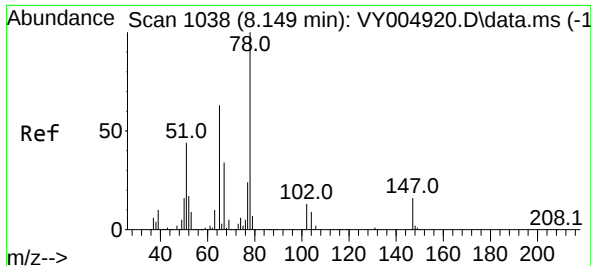
#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37



Tgt Ion: 56 Resp: 3609

Ion	Ratio	Lower	Upper
56	100		
69	158.3	25.3	37.9#
84	153.2	66.2	99.4#

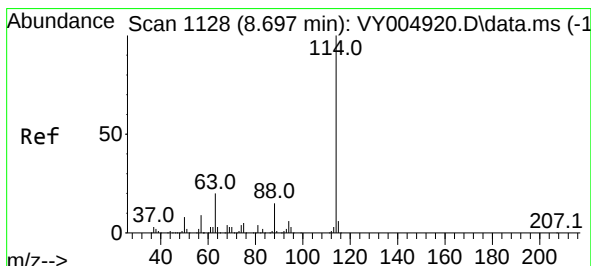
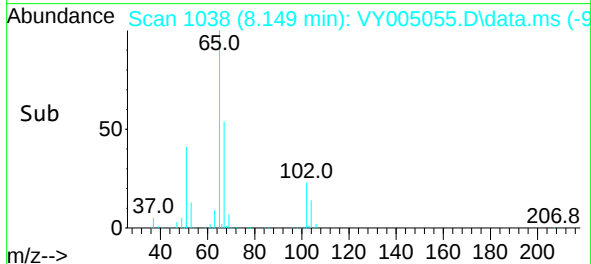
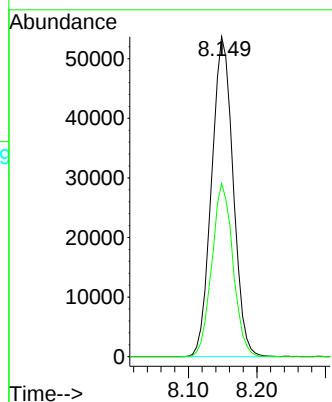
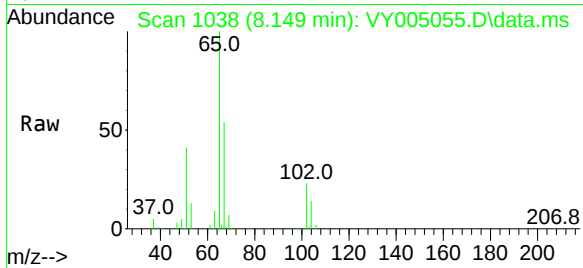




#33
 1,2-Dichloroethane-d4
 Concen: 67.188 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005055.D
 Acq: 09 Jun 2021 18:37

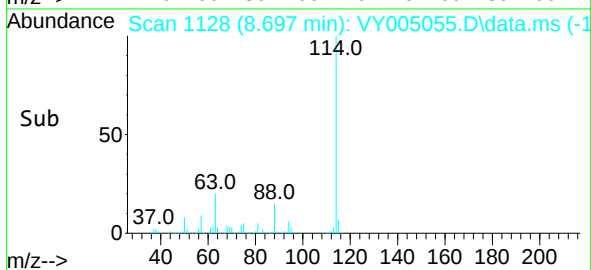
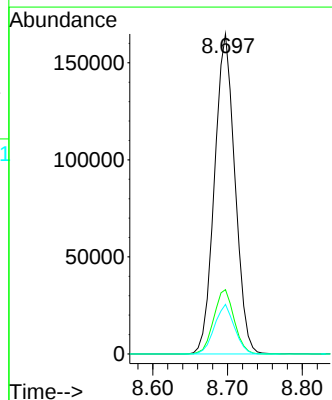
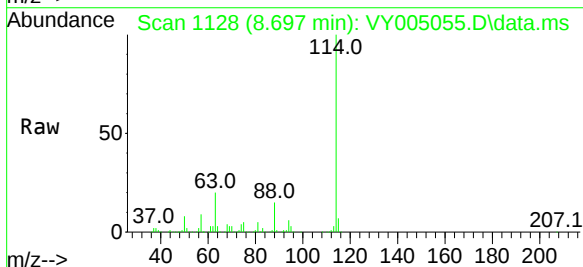
Instrument :
 MSVOA_Y
 ClientSampled :

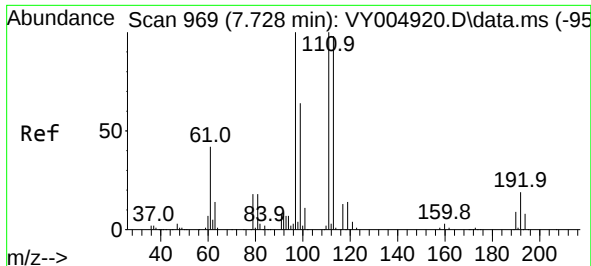
Tgt Ion: 65 Resp: 116967
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005055.D
 Acq: 09 Jun 2021 18:37

Tgt Ion: 114 Resp: 312877
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.0
 88 15.5 0.0 30.6

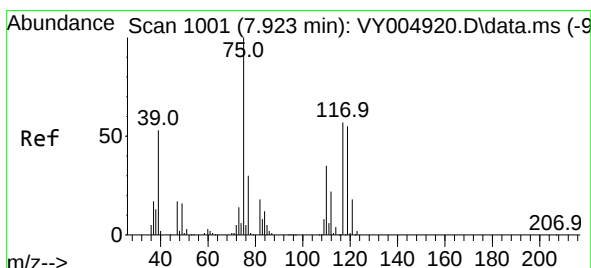
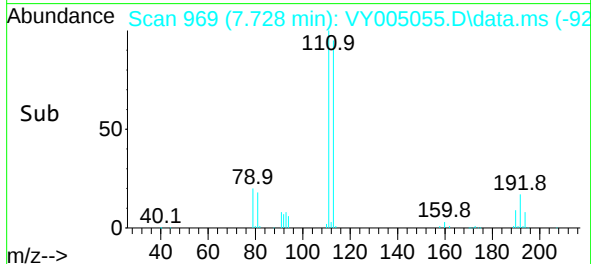
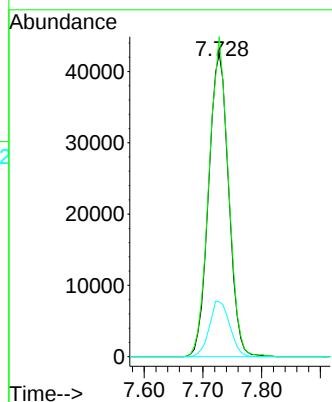
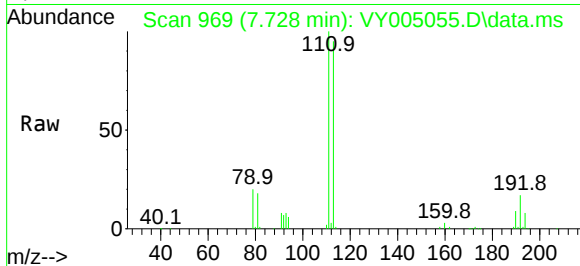




#35
Dibromofluoromethane
Concen: 59.875 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

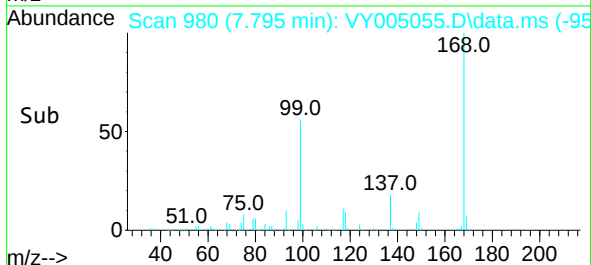
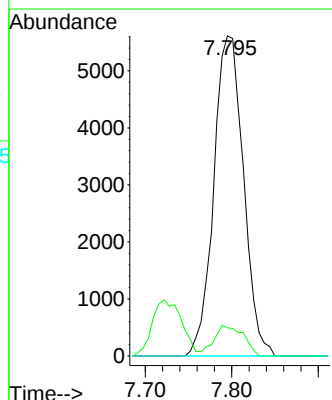
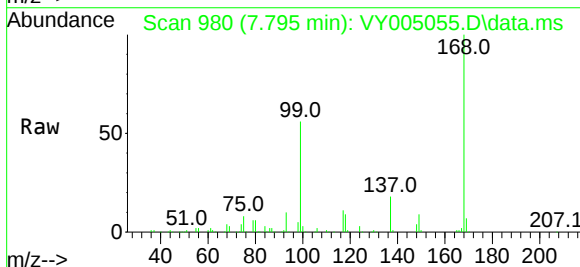
Instrument :
MSVOA_Y
ClientSampleId :

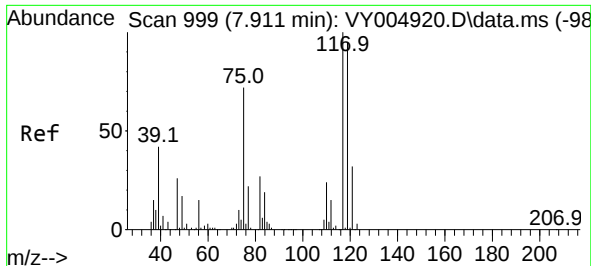
Tgt Ion:	113	Resp:	100789
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	18.7	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.358 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

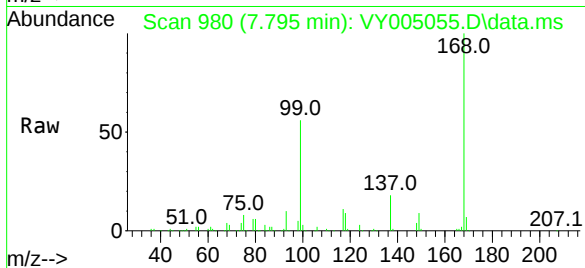
Tgt Ion:	75	Resp:	13344
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.5	52.5#
77	0.0	25.1	37.7#



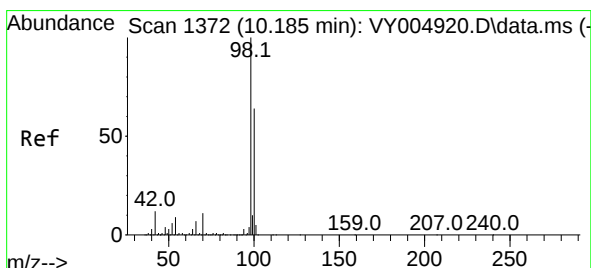
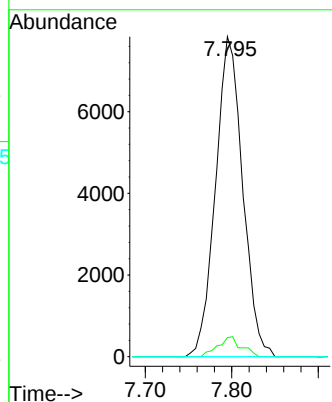
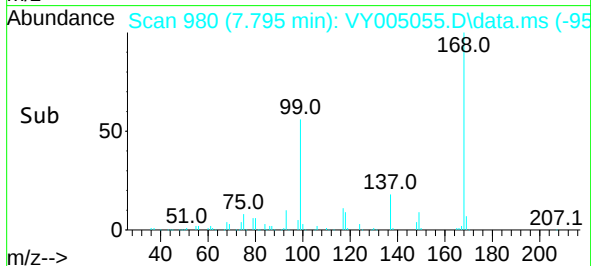


#38
Carbon Tetrachloride
Concen: 6.392 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

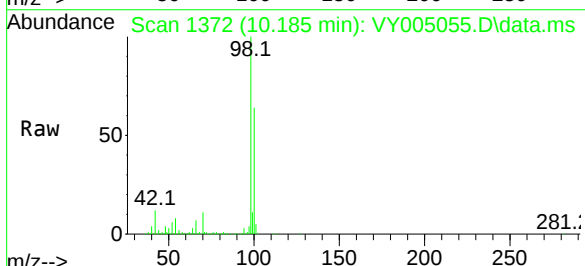
Instrument :
MSVOA_Y
ClientSampleId :



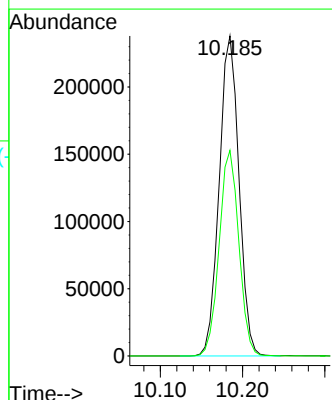
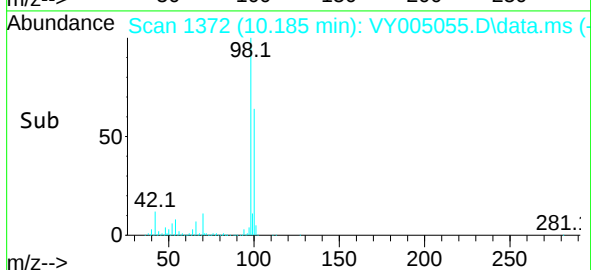
Tgt Ion:117 Resp: 17033
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 25.5 38.3#

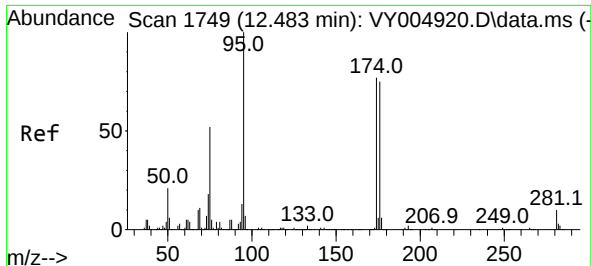


#50
Toluene-d8
Concen: 56.820 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37



Tgt Ion: 98 Resp: 397231
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

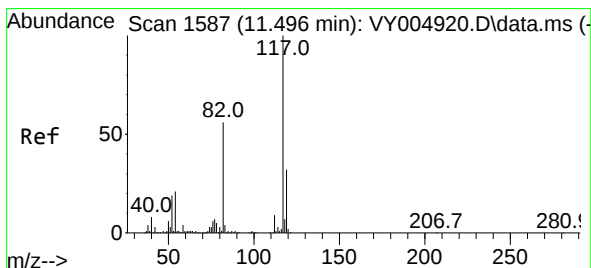
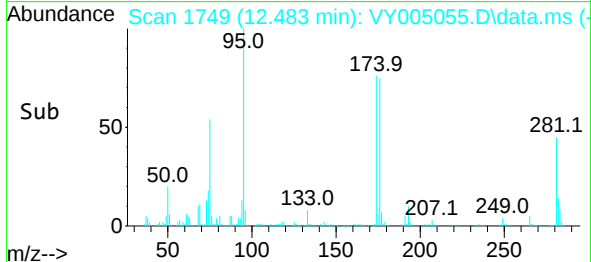
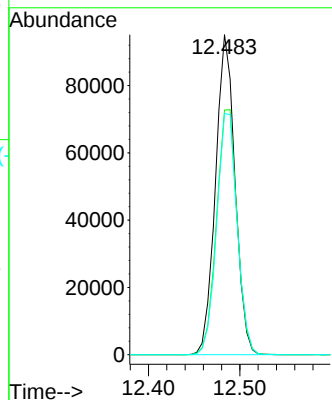
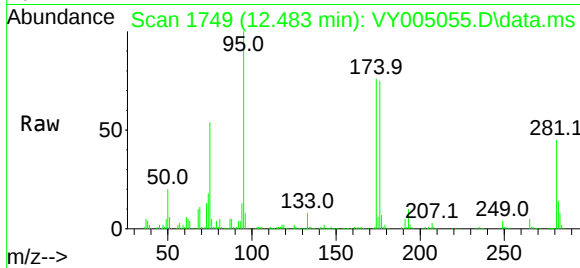




#62
4-Bromofluorobenzene
Concen: 58.571 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

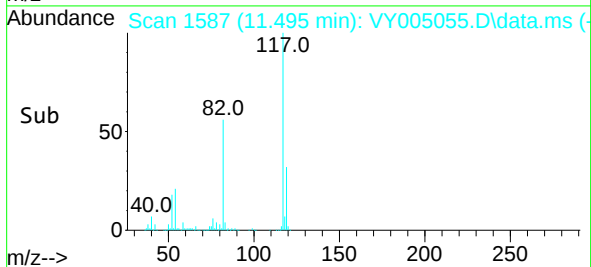
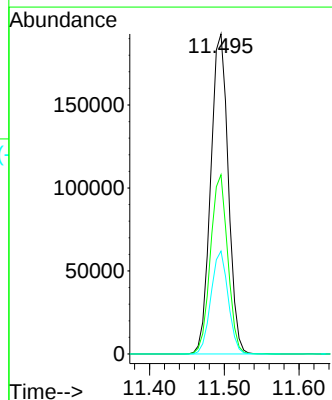
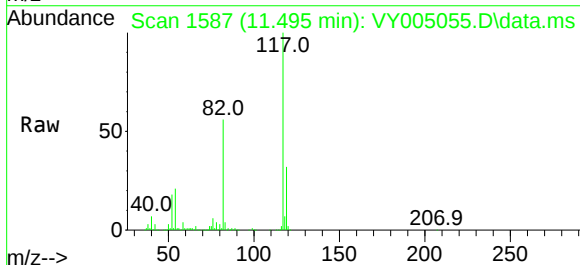
Instrument :
MSVOA_Y
ClientSampleId :

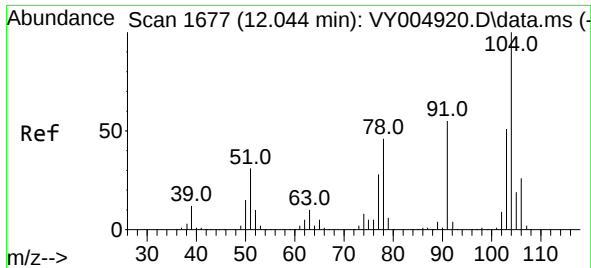
Tgt Ion: 95 Resp: 140825
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.8
176 79.2 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

Tgt Ion: 117 Resp: 314784
Ion Ratio Lower Upper
117 100
82 56.0 44.8 67.2
119 32.2 25.2 37.8

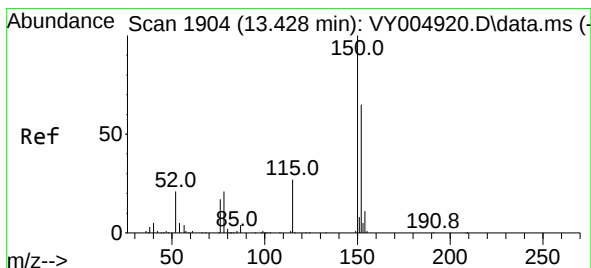
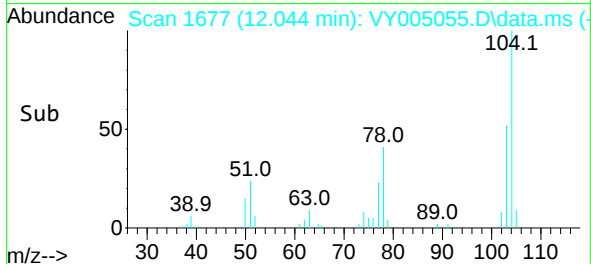
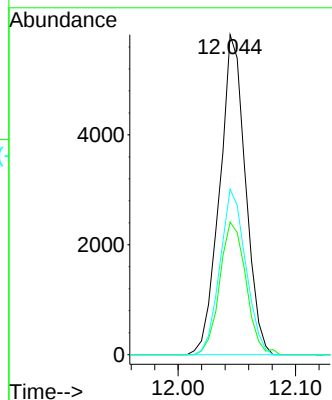
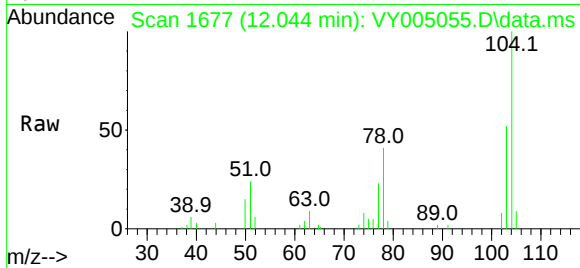




#70
Styrene
Concen: 1.325 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

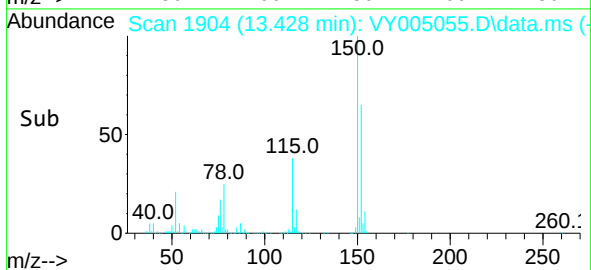
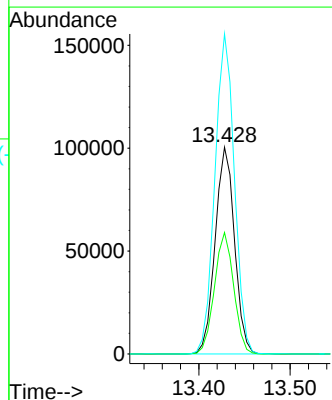
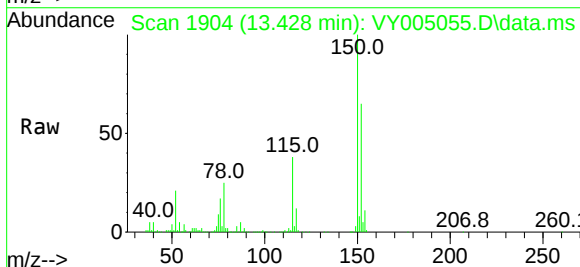
Instrument :
MSVOA_Y
ClientSampled :

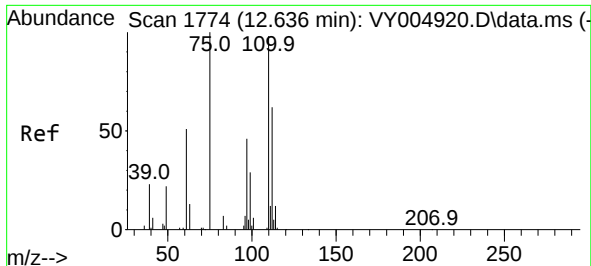
Tgt Ion:104 Resp: 8877
Ion Ratio Lower Upper
104 100
78 42.0 40.2 60.2
103 51.6 44.0 66.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

Tgt Ion:152 Resp: 148518
Ion Ratio Lower Upper
152 100
115 58.3 29.9 89.7
150 156.1 0.0 347.8

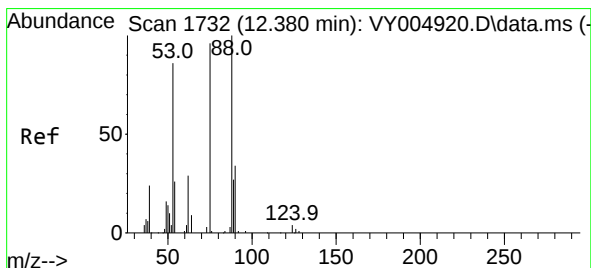
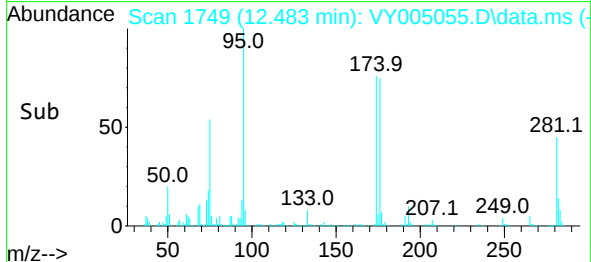
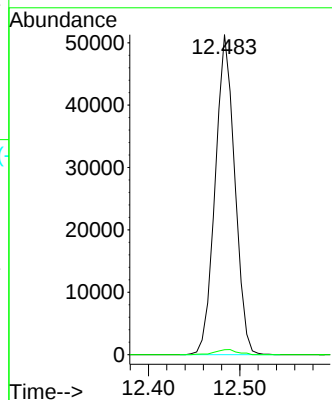
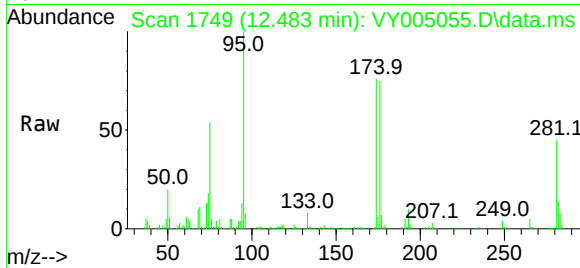




#76
1,2,3-Trichloropropane
Concen: 46.799 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76191
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005055.D
Acq: 09 Jun 2021 18:37

Tgt Ion: 75 Resp: 76191
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 1.4 35.0 52.6#

