

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005090.D
 Acq On : 10 Jun 2021 20:21
 Operator : SY/MD
 Sample : M2672-11
 Misc : 9.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:09:00 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)

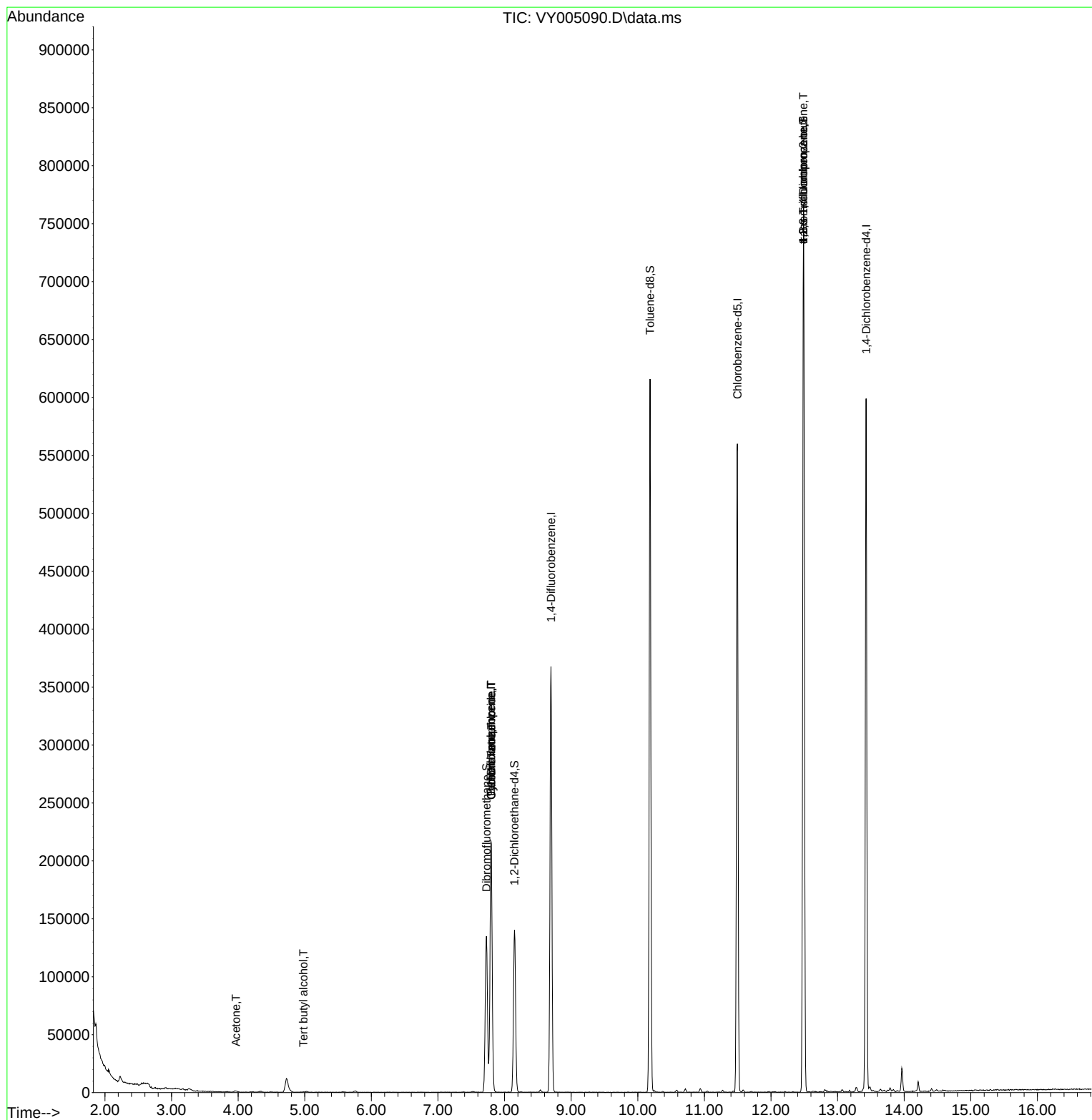
Internal Standards						
1) Pentafluorobenzene	7.795	168	167023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	313556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	311246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110437	62.545	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.080%			
35) Dibromofluoromethane	7.728	113	96255	57.058	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.120%			
50) Toluene-d8	10.185	98	389307	55.566	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.140%			
62) 4-Bromofluorobenzene	12.483	95	136786	56.768	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.540%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.979	59	869	4.279	ug/l #	74
16) Acetone	3.967	43	2181	5.131	ug/l	95
20) Methylene Chloride	4.735	84	8875	Below Cal	#	81
31) Cyclohexane	7.801	56	3381	1.088	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13234	4.313	ug/l #	49
38) Carbon Tetrachloride	7.801	117	16616	6.222	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	76427	47.439	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76427	87.183	ug/l #	16

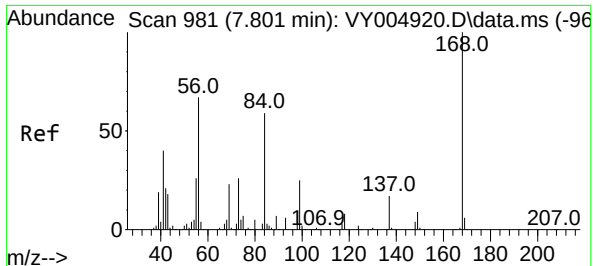
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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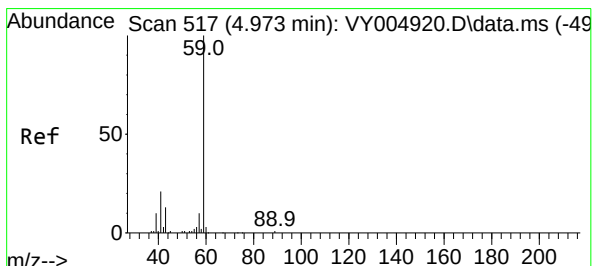
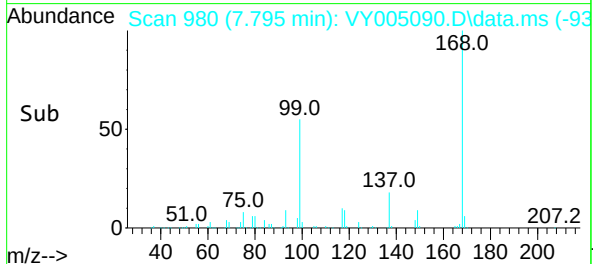
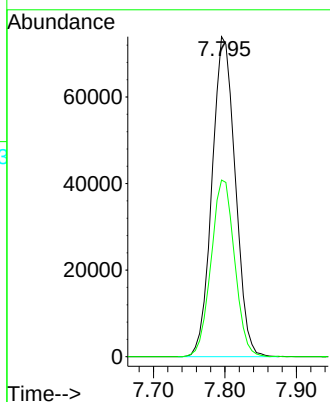
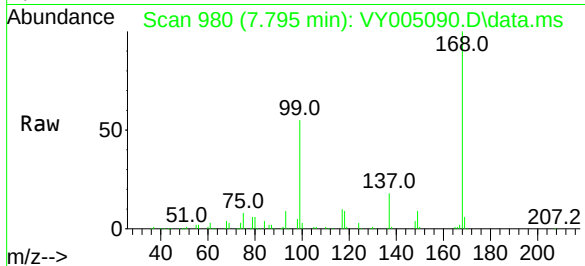




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

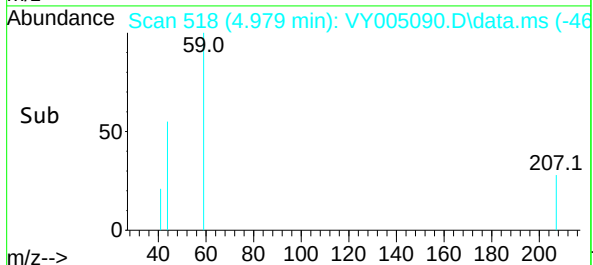
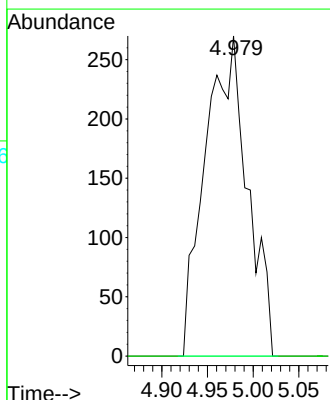
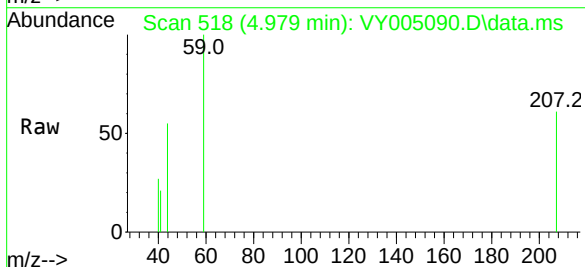
Instrument :
MSVOA_Y
ClientSampleId :

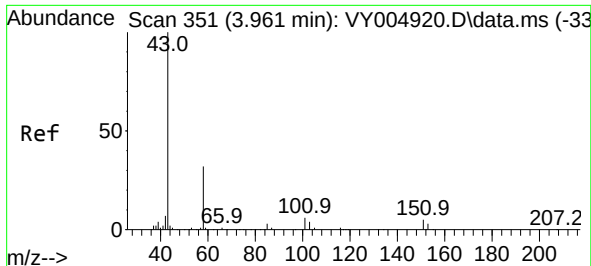
Tgt Ion:168 Resp: 167023
Ion Ratio Lower Upper
168 100
99 55.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 4.279 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

Tgt Ion: 59 Resp: 869
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

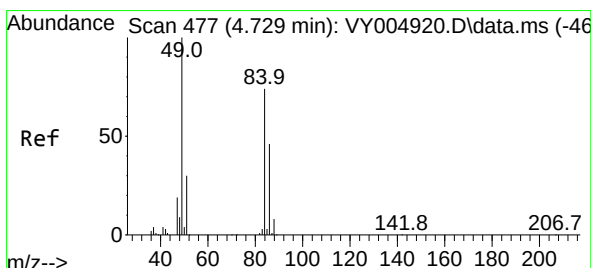
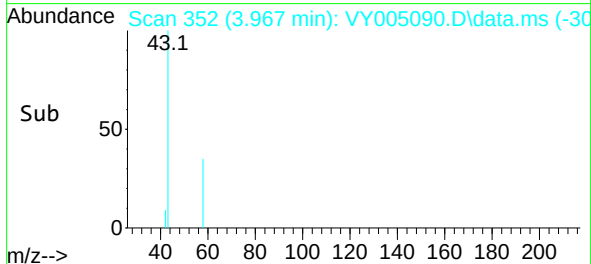
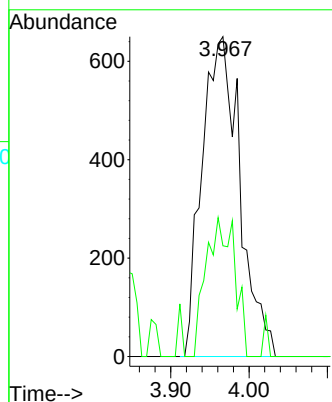
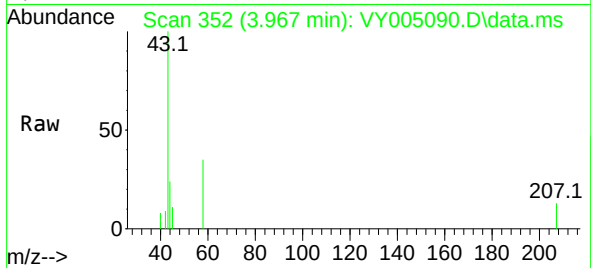




#16
Acetone
Concen: 5.131 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

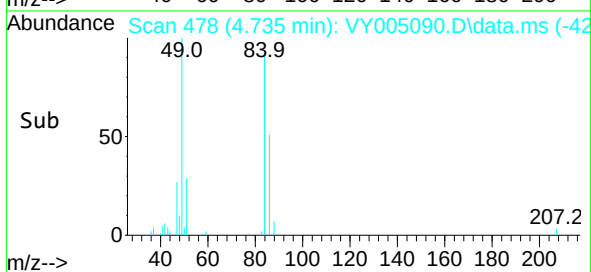
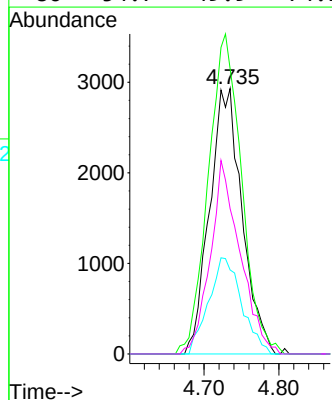
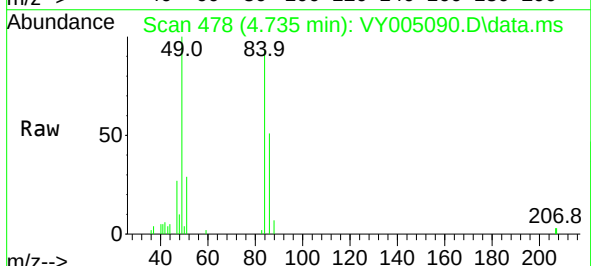
Instrument :
MSVOA_Y
ClientSampled :

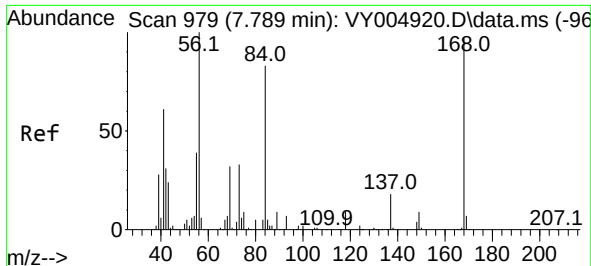
Tgt Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
58 34.6 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

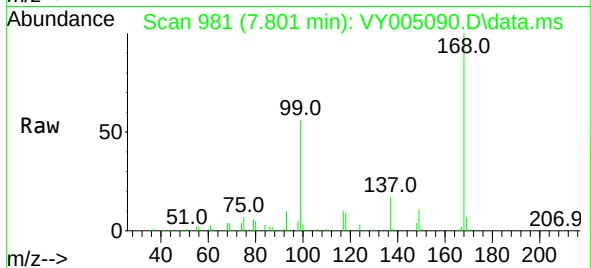
Tgt Ion: 84 Resp: 8875
Ion Ratio Lower Upper
84 100
49 105.7 108.0 162.0#
51 31.7 32.6 48.8#
86 54.7 49.9 74.9



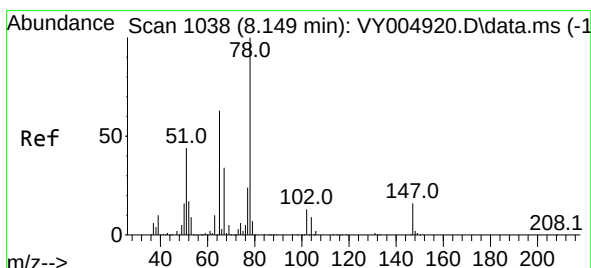
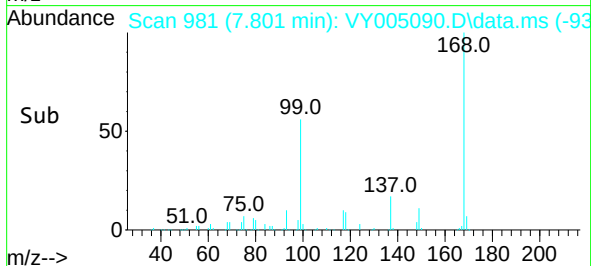
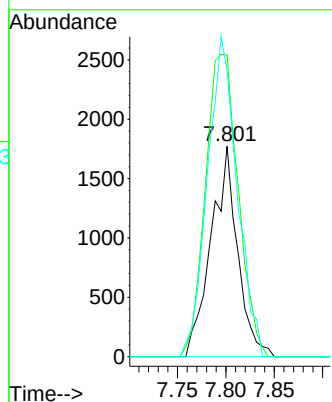


#31
Cyclohexane
Concen: 1.088 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

Instrument :
MSVOA_Y
ClientSampled :

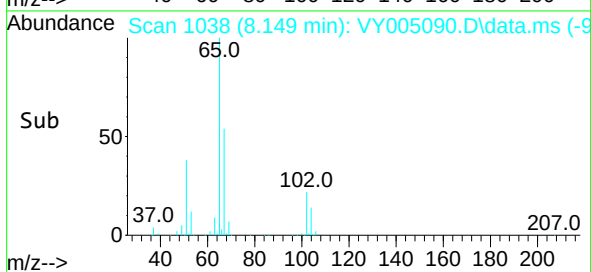
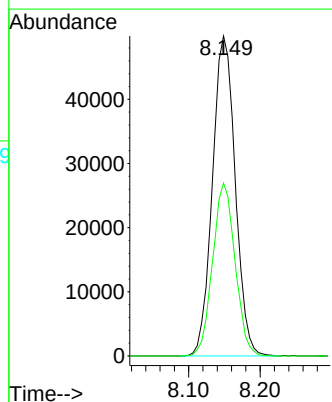
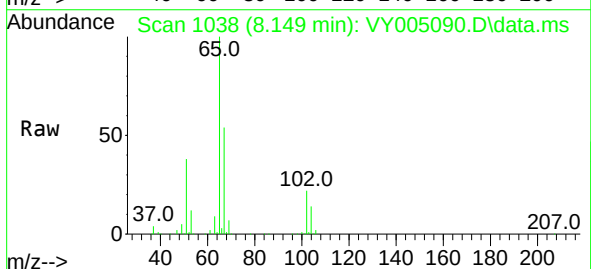


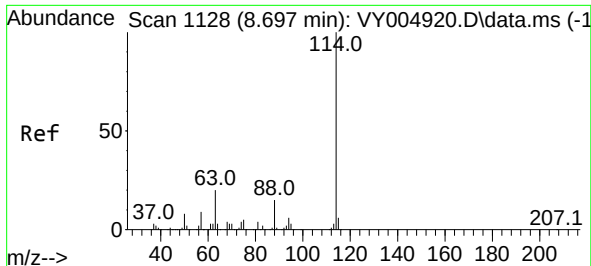
Tgt Ion: 56 Resp: 3381
Ion Ratio Lower Upper
56 100
69 143.5 25.3 37.9#
84 136.1 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 62.545 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

Tgt Ion: 65 Resp: 110437
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.6



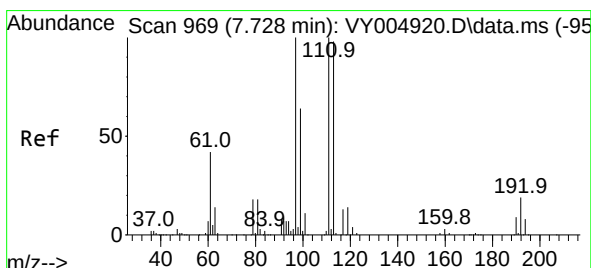
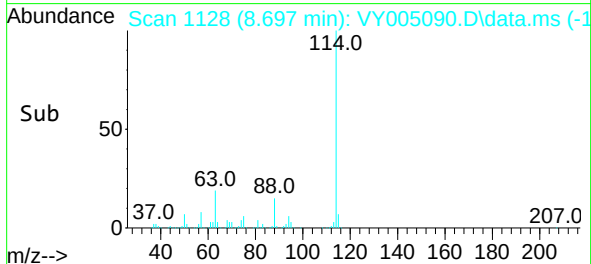
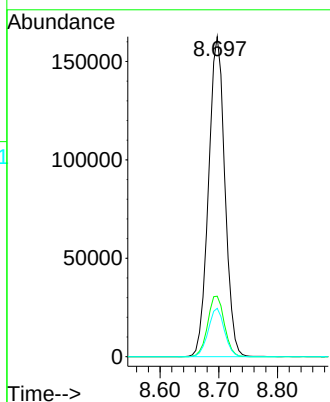
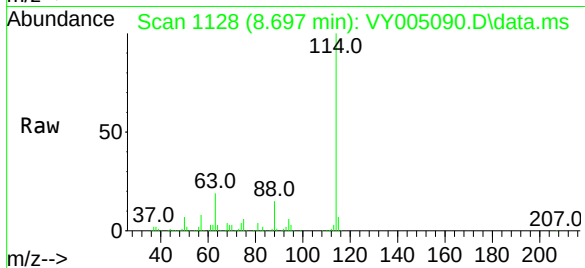


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

Instrument :
MSVOA_Y
ClientSampled :

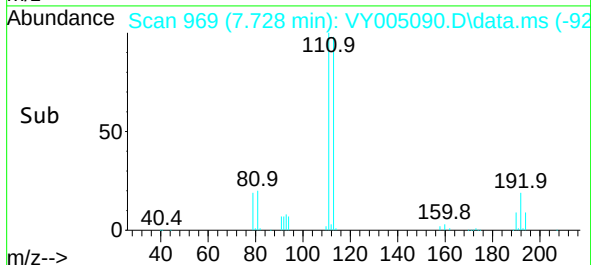
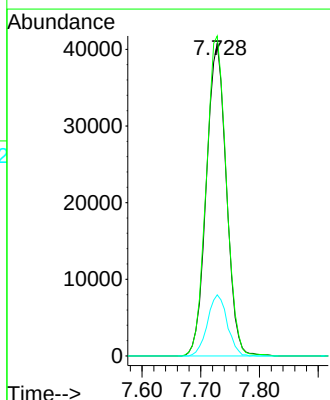
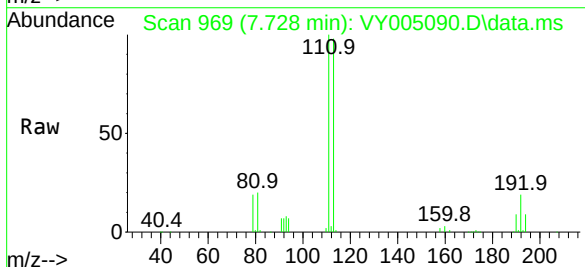
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	41.0
88	15.1	0.0	30.6

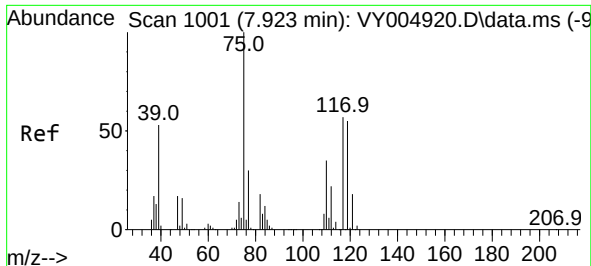


#35

Dibromofluoromethane
Concen: 57.058 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	19.4	15.3	22.9

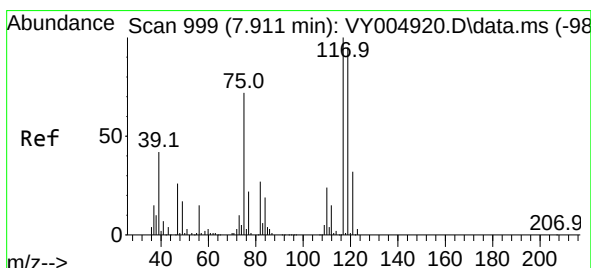
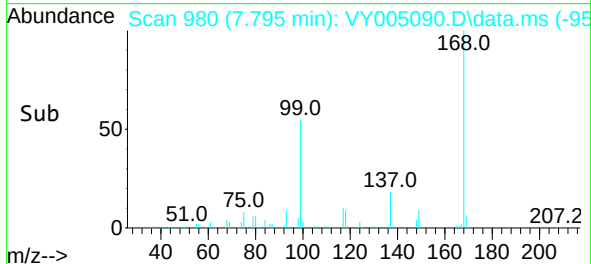
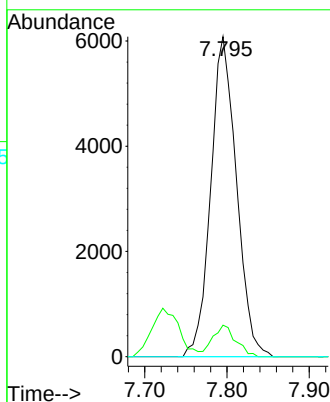
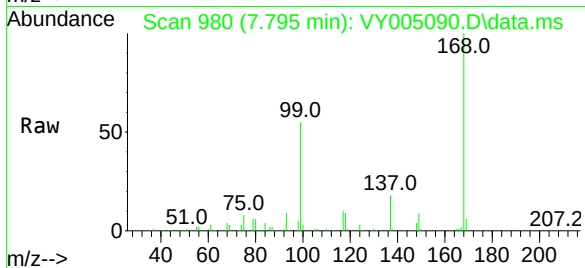




#36
1,1-Dichloropropene
Concen: 4.313 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

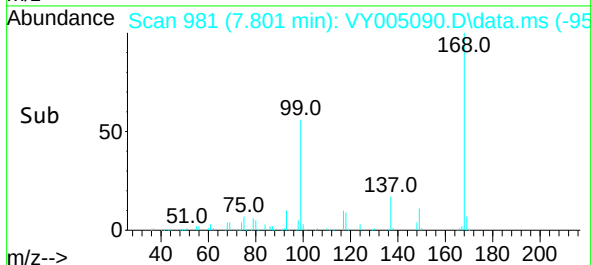
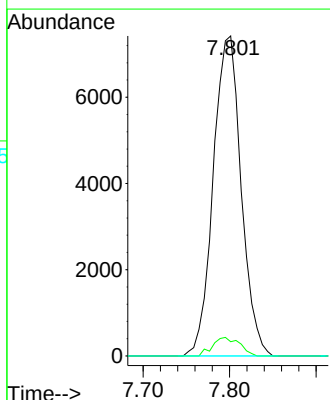
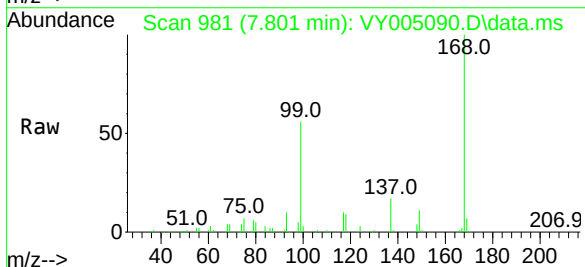
Instrument :
MSVOA_Y
ClientSampleId :

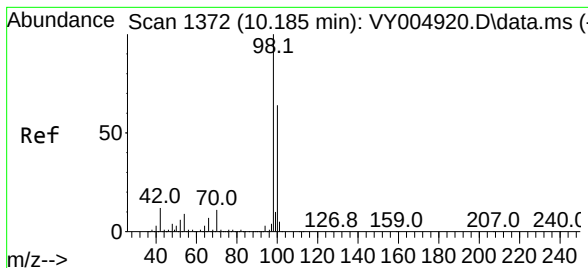
Tgt Ion: 75	Resp: 13234
Ion Ratio	Lower Upper
75 100	
110 9.0	17.5 52.5#
77 0.0	25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.222 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

Tgt Ion: 117	Resp: 16616
Ion Ratio	Lower Upper
117 100	
119 4.5	76.1 114.1#
121 0.0	25.5 38.3#

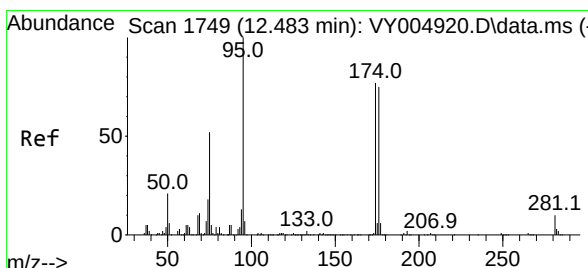
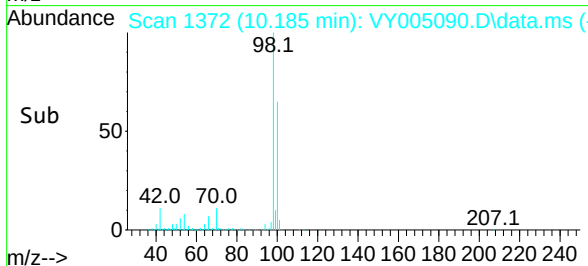
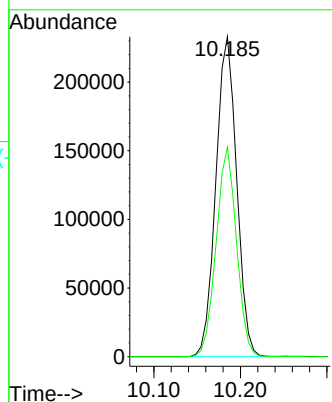
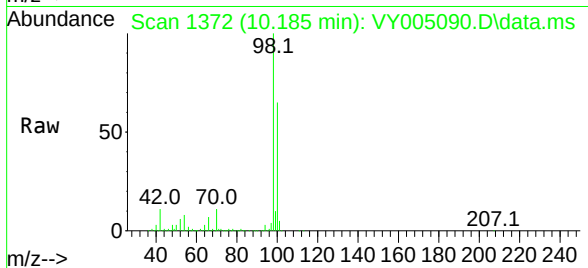




#50
Toluene-d8
Concen: 55.566 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

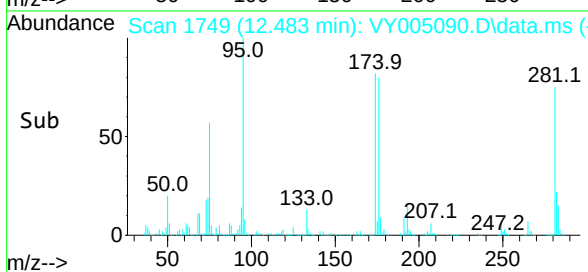
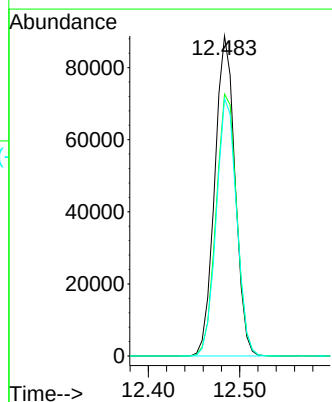
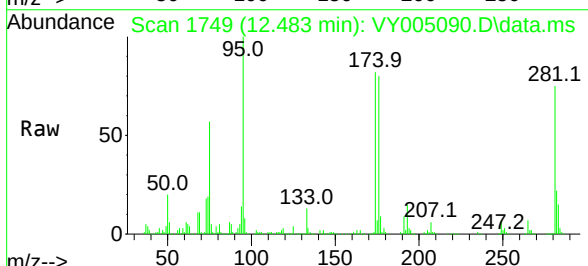
Instrument :
MSVOA_Y
ClientSampled :

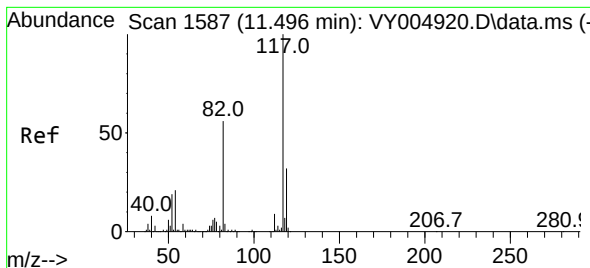
Tgt Ion: 98 Resp: 389307
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.768 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

Tgt Ion: 95 Resp: 136786
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.8
176 80.8 0.0 155.6

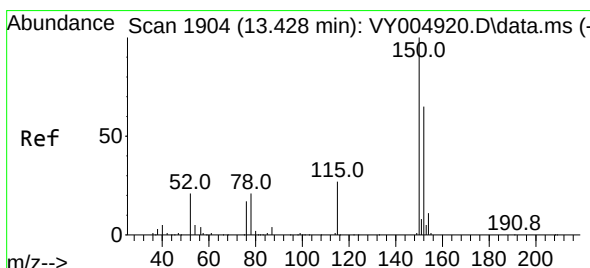
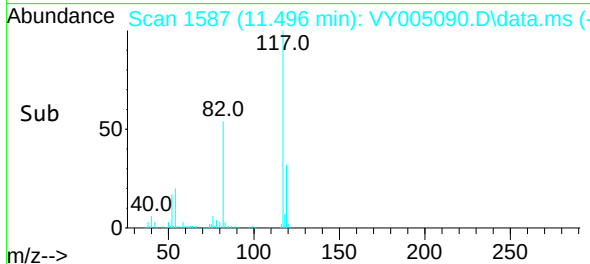
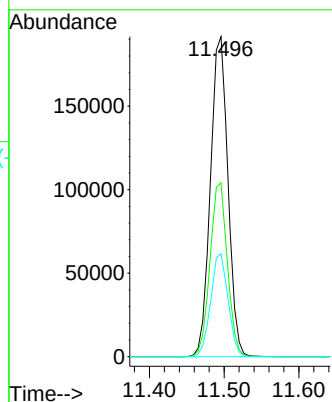
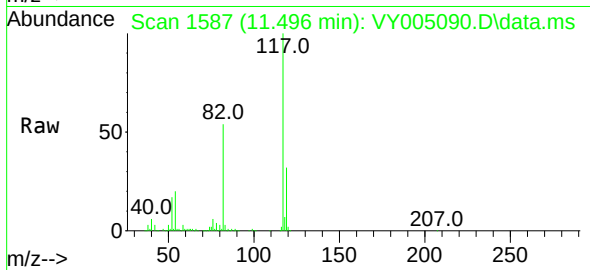




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

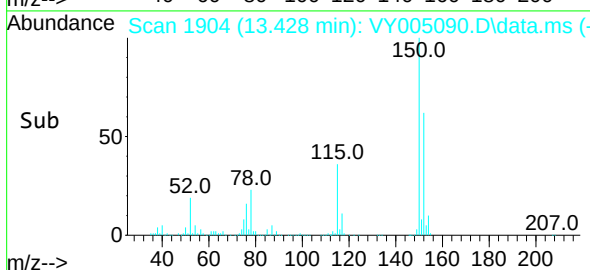
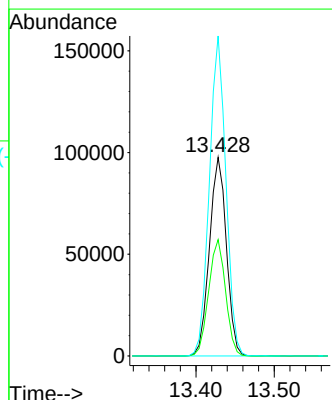
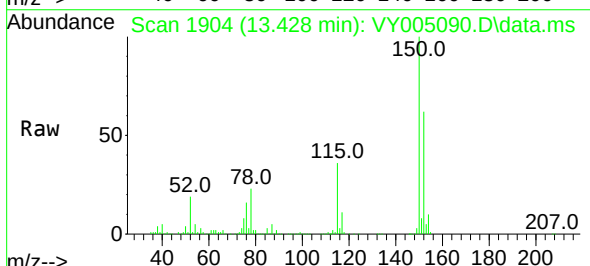
Instrument :
MSVOA_Y
ClientSampleId :

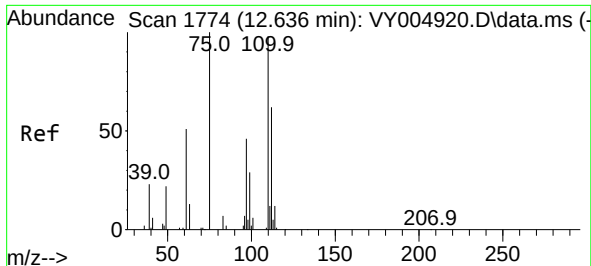
Tgt Ion:117 Resp: 311246
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

Tgt Ion:152 Resp: 146967
Ion Ratio Lower Upper
152 100
115 58.2 29.9 89.7
150 156.5 0.0 347.8

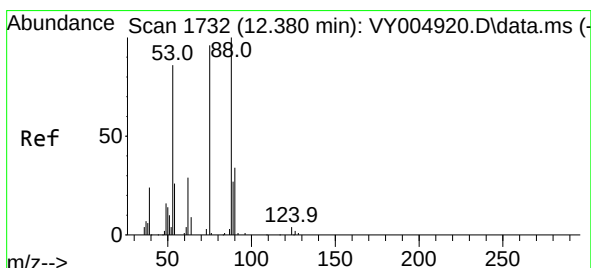
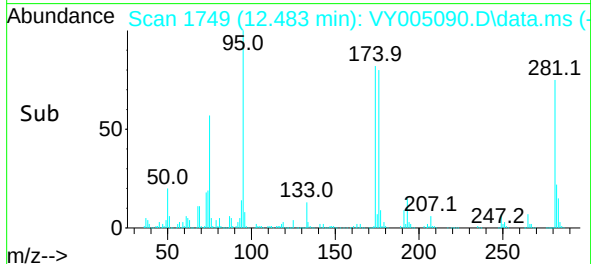
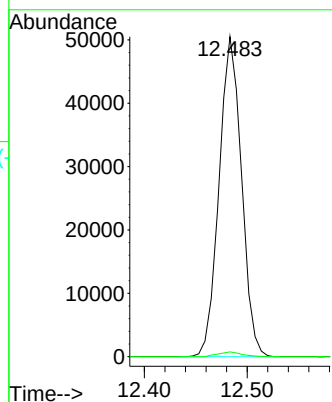
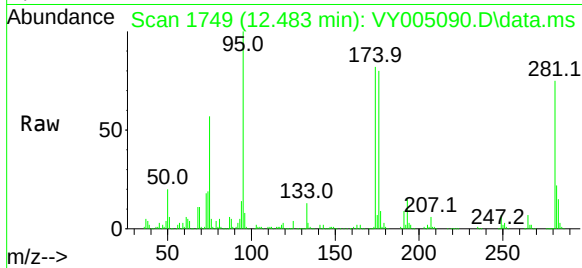




#76
1,2,3-Trichloropropane
Concen: 47.439 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 76427
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005090.D
Acq: 10 Jun 2021 20:21

Tgt Ion: 75 Resp: 76427
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 1.5 35.0 52.6#

