

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005110.D
 Acq On : 11 Jun 2021 06:22
 Operator : SY/MD
 Sample : M2678-04
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 07:09:34 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)

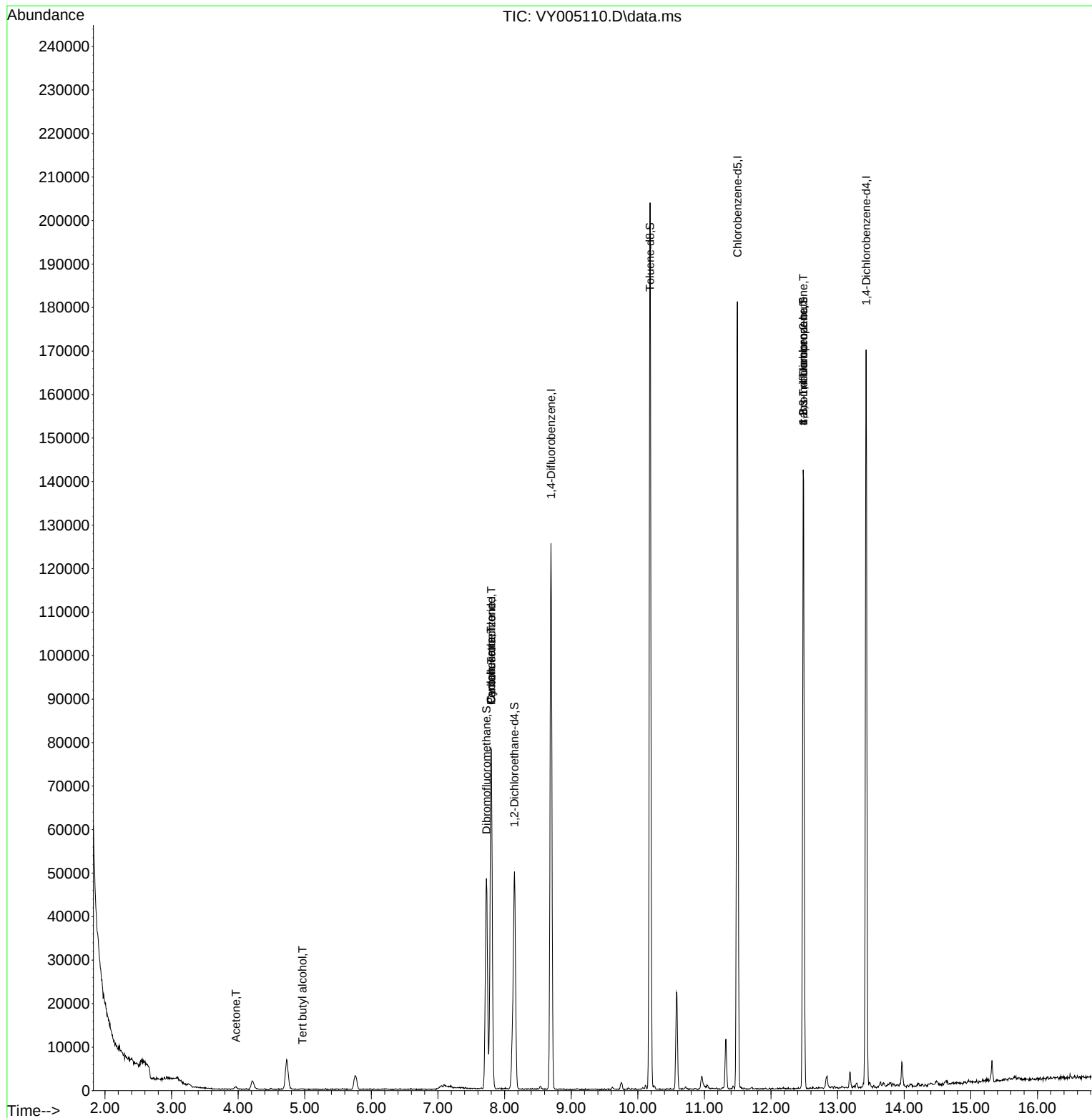
Internal Standards						
1) Pentafluorobenzene	7.801	168	61312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	106015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	99291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	35114	54.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.728	113	34104	59.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.580%	
50) Toluene-d8	10.185	98	130443	55.066	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.140%	
62) 4-Bromofluorobenzene	12.483	95	38875	47.718	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	302	4.051	ug/l #	74
16) Acetone	3.966	43	1135	7.274	ug/l #	89
31) Cyclohexane	7.795	56	1233	1.080	ug/l #	1
38) Carbon Tetrachloride	7.801	117	6405	7.093	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	20770	44.157	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20770	81.151	ug/l #	15

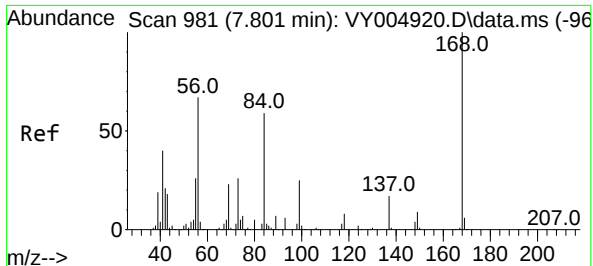
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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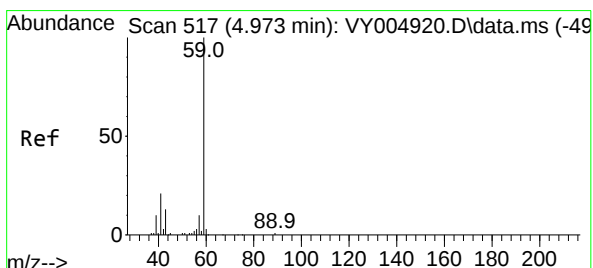
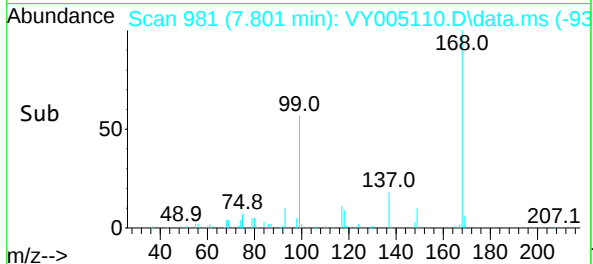
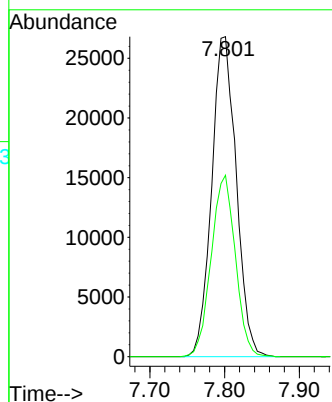
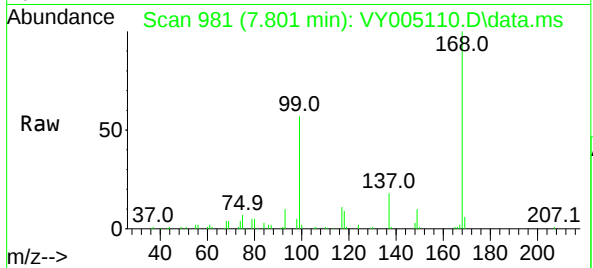




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

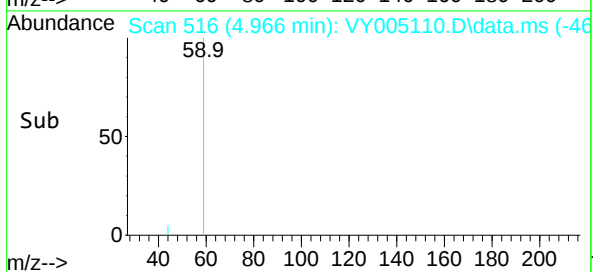
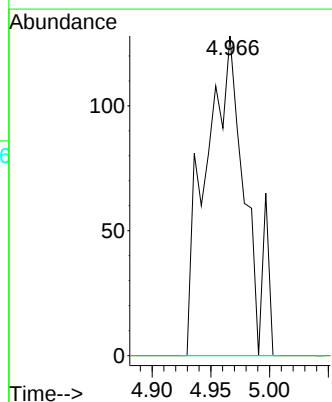
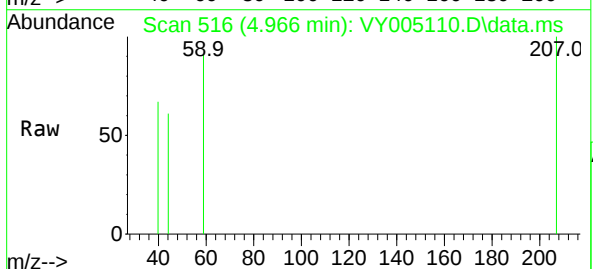
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:168 Resp: 61312
Ion Ratio Lower Upper
168 100
99 56.7 43.9 65.9



#11
Tert butyl alcohol
Concen: 4.051 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

Tgt Ion: 59 Resp: 302
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

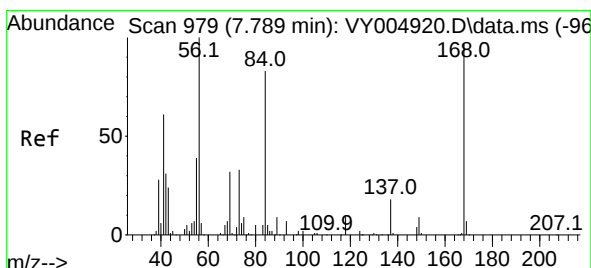
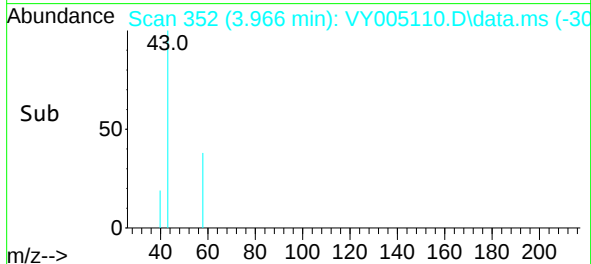
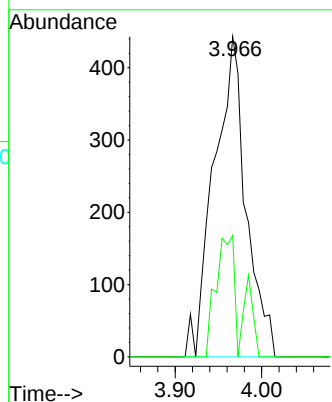
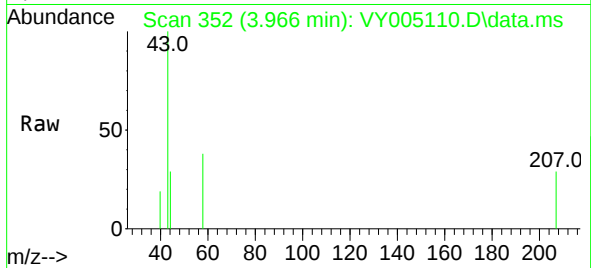




#16
Acetone
Concen: 7.274 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

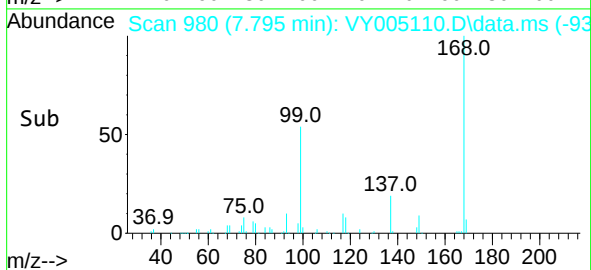
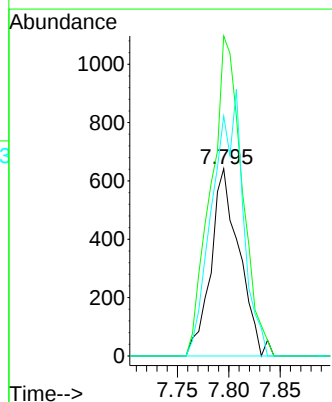
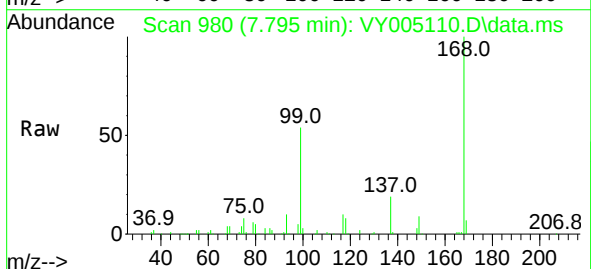
Instrument :
MSVOA_Y
ClientSampled :

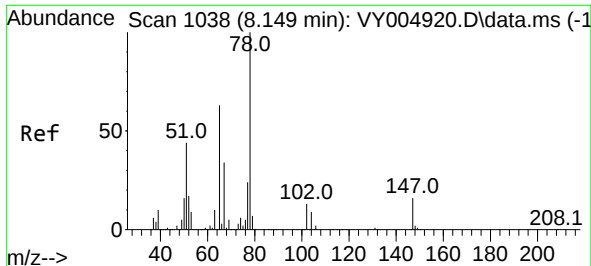
Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 37.9 25.3 37.9#



#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

Tgt Ion: 56 Resp: 1233
Ion Ratio Lower Upper
56 100
69 170.9 25.3 37.9#
84 128.0 66.2 99.4#

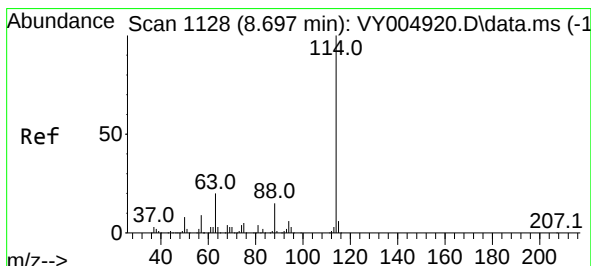
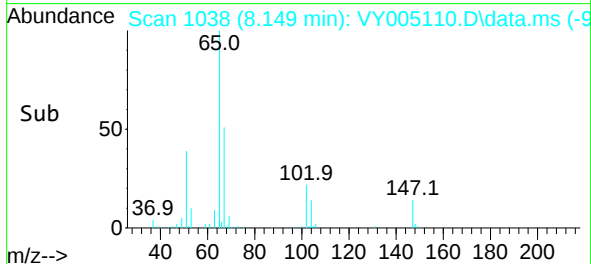
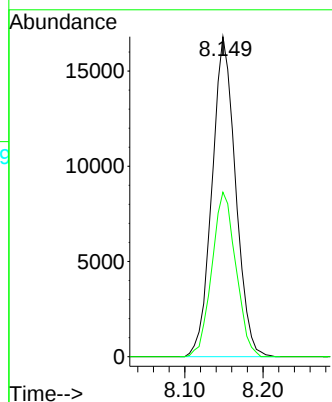
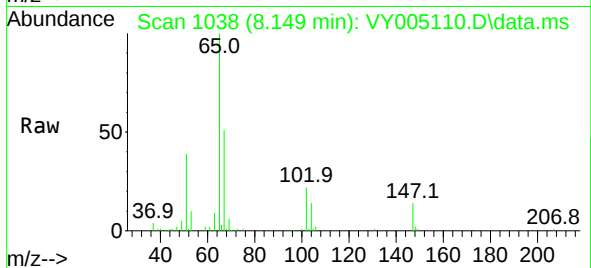




#33
1,2-Dichloroethane-d4
Concen: 54.174 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

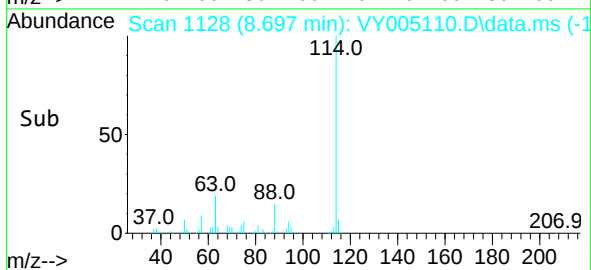
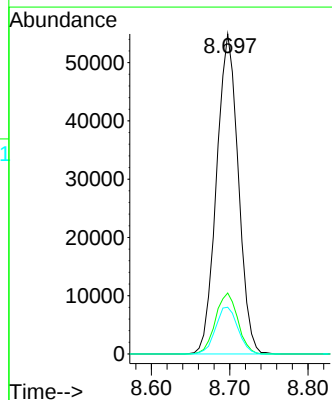
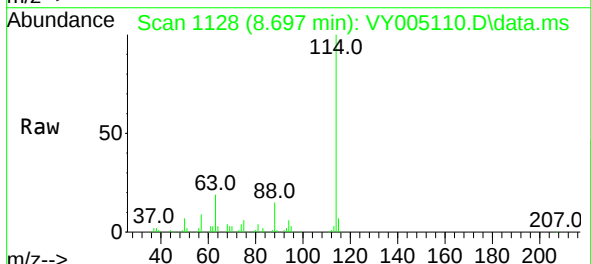
Instrument :
MSVOA_Y
ClientSampleId :

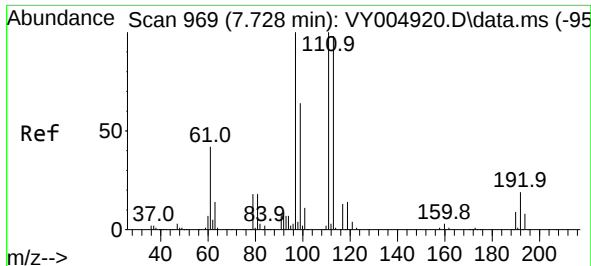
Tgt Ion: 65 Resp: 35114
Ion Ratio Lower Upper
65 100
67 52.3 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

Tgt Ion: 114 Resp: 106015
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.0
88 14.6 0.0 30.6

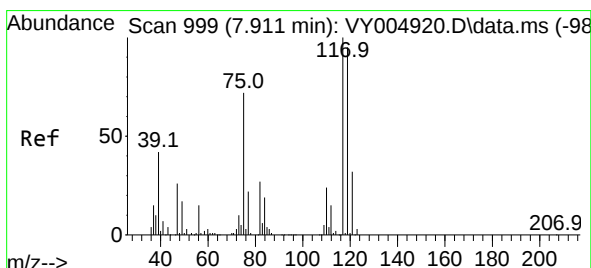
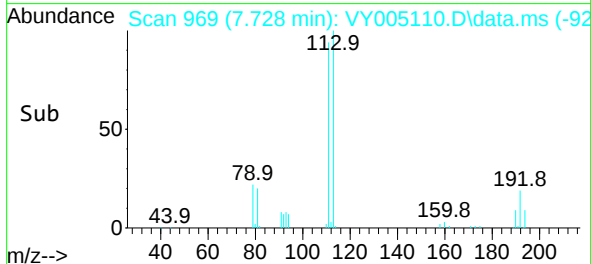
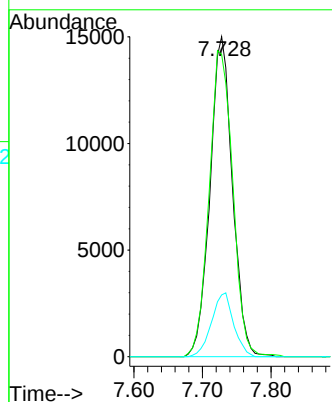
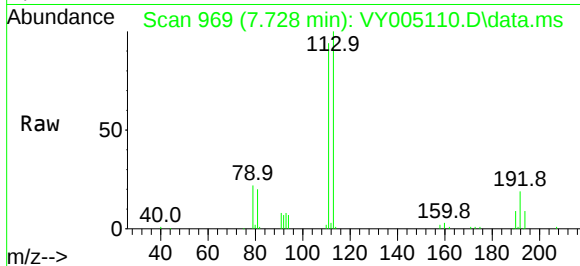




#35
Dibromofluoromethane
Concen: 59.792 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

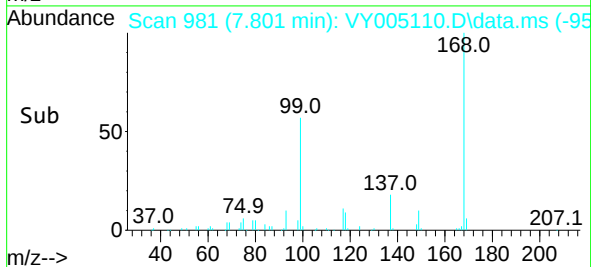
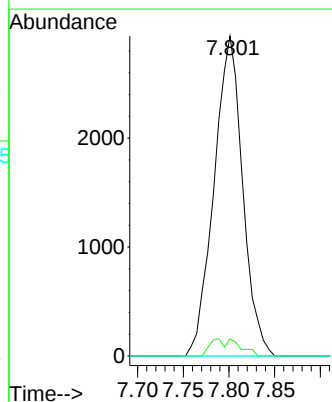
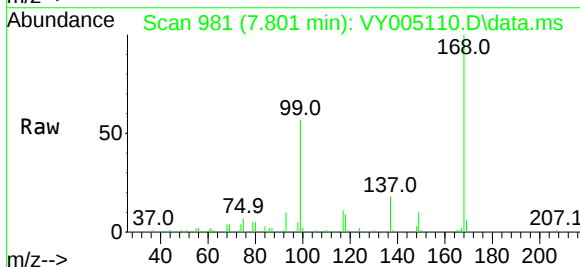
Instrument :
MSVOA_Y
ClientSampleId :

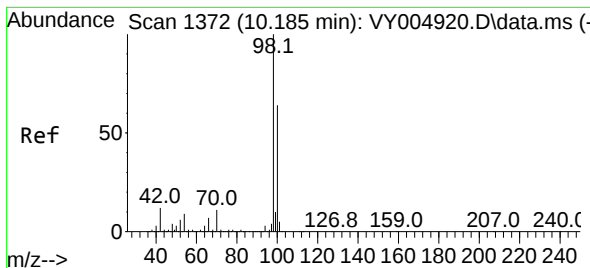
Tgt Ion:	113	Resp:	34104
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.8
192	19.6	15.3	22.9



#38
Carbon Tetrachloride
Concen: 7.093 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

Tgt Ion:	117	Resp:	6405
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.1	114.1#
121	0.0	25.5	38.3#

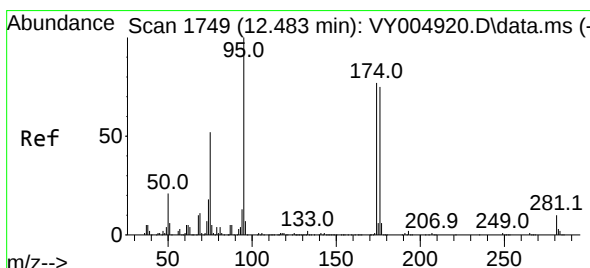
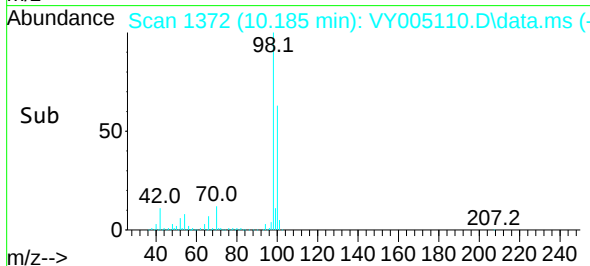
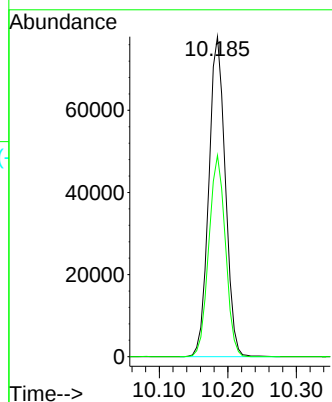
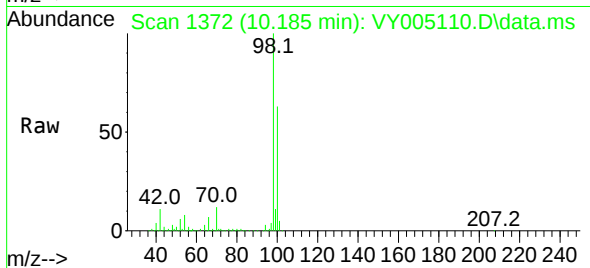




#50
Toluene-d8
Concen: 55.066 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

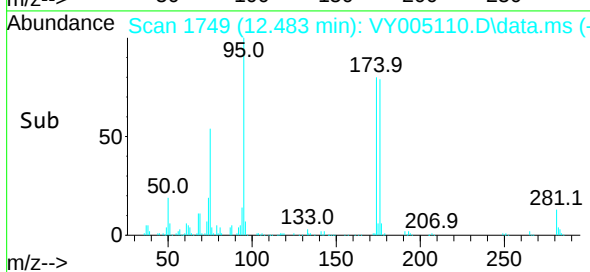
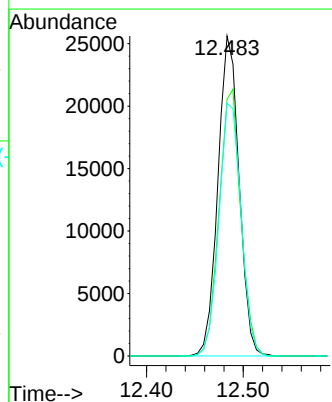
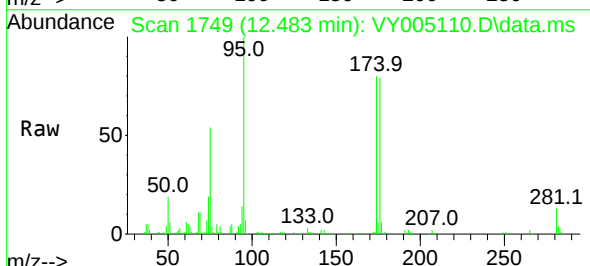
Instrument :
MSVOA_Y
ClientSampleId :

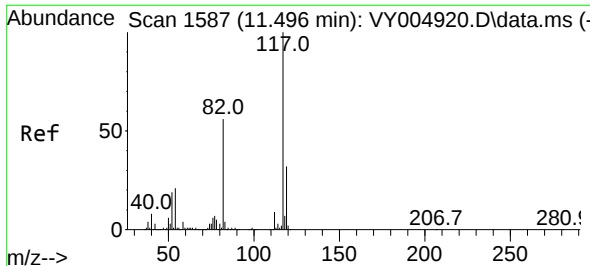
Tgt Ion: 98 Resp: 130443
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.718 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

Tgt Ion: 95 Resp: 38875
Ion Ratio Lower Upper
95 100
174 85.3 0.0 160.8
176 82.4 0.0 155.6

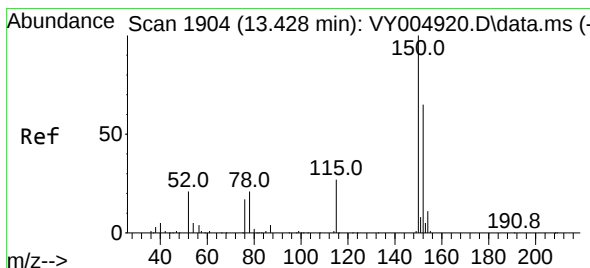
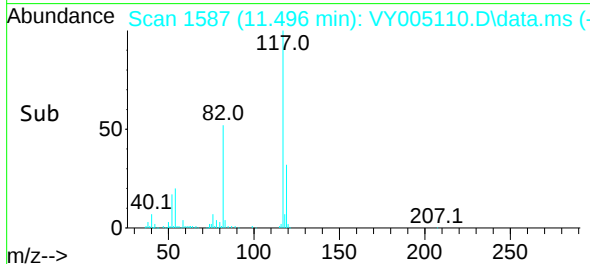
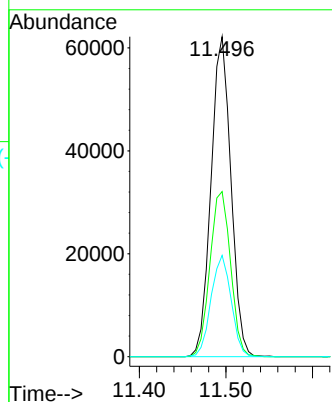
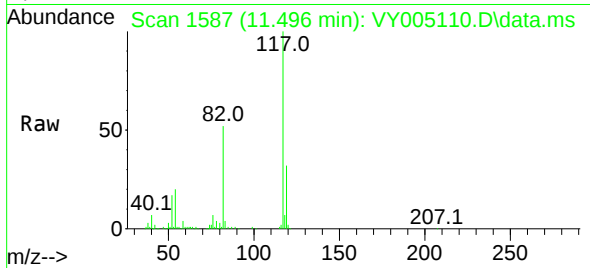




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

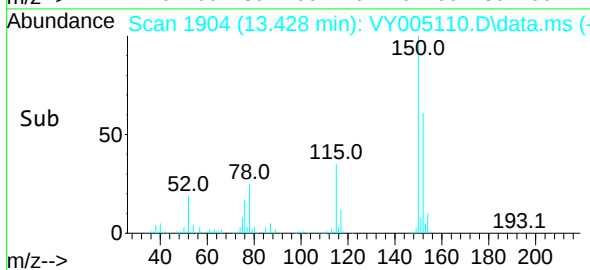
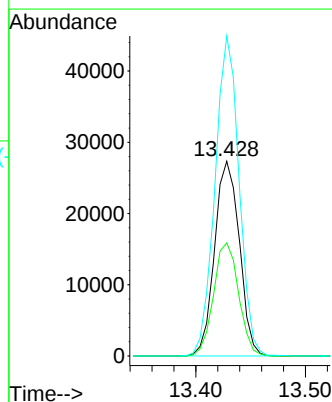
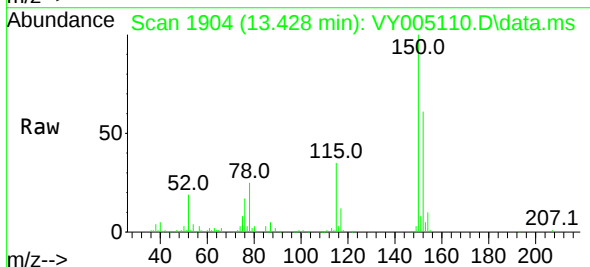
Instrument :
MSVOA_Y
ClientSampleId :

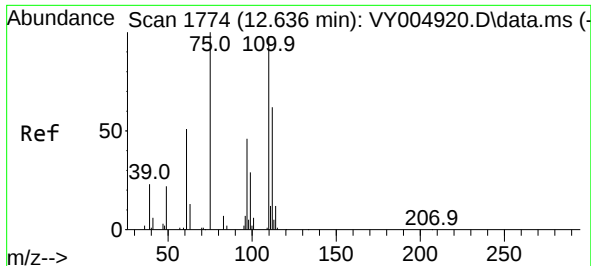
Tgt Ion:117 Resp: 99291
Ion Ratio Lower Upper
117 100
82 51.6 44.8 67.2
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

Tgt Ion:152 Resp: 42909
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.7
150 159.9 0.0 347.8

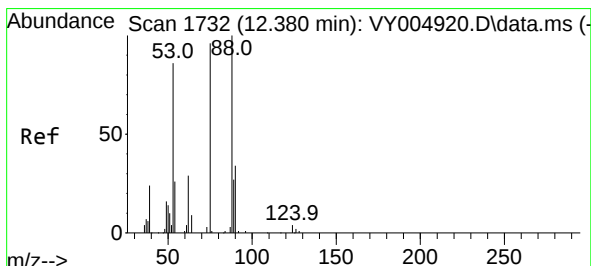
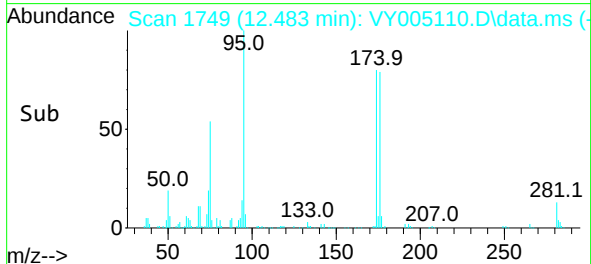
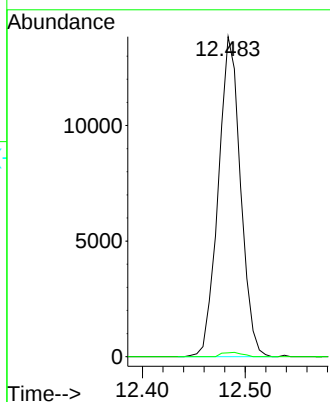
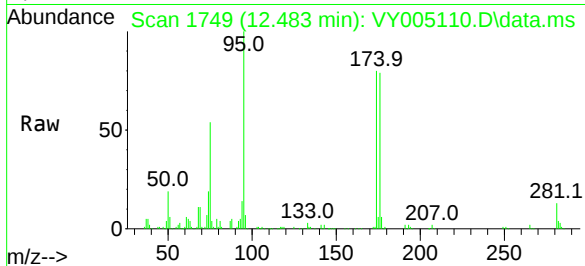




#76
1,2,3-Trichloropropane
Concen: 44.157 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20770
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.151 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005110.D
Acq: 11 Jun 2021 06:22

Tgt Ion: 75 Resp: 20770
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.5 35.0 52.6#

