

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090921\
 Data File : VY005977.D
 Acq On : 09 Sep 2021 15:46
 Operator : SY/MD
 Sample : M3693-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 10 04:45:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

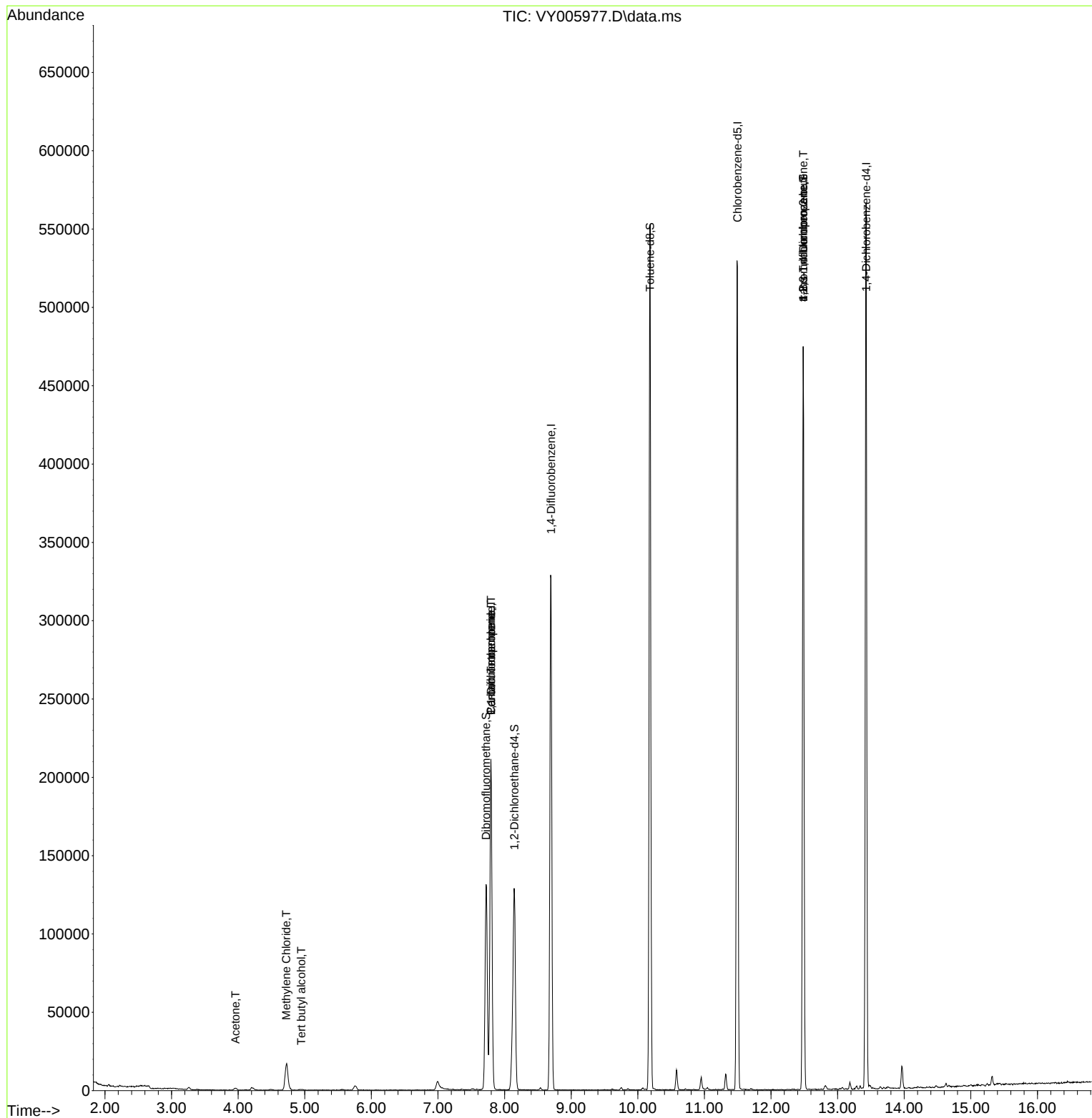
Internal Standards						
1) Pentafluorobenzene	7.795	168	177091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93803	52.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.120%			
35) Dibromofluoromethane	7.722	113	91155	55.137	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.280%			
50) Toluene-d8	10.185	98	366581	52.834	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.660%			
62) 4-Bromofluorobenzene	12.483	95	133807	57.433	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.860%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	788	2.245	ug/l #	80
16) Acetone	3.960	43	2383	5.237	ug/l	98
20) Methylene Chloride	4.722	84	13450	2.958	ug/l	93
36) 1,1-Dichloropropene	7.795	75	11235	4.053	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15827	5.268	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	66861	46.291	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66861	88.036	ug/l #	13

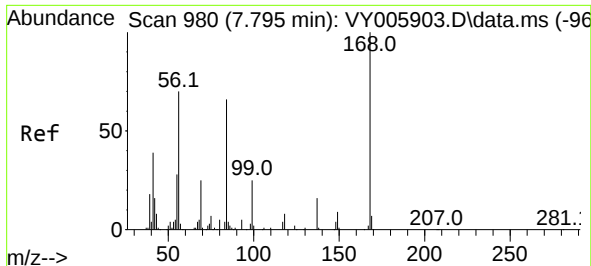
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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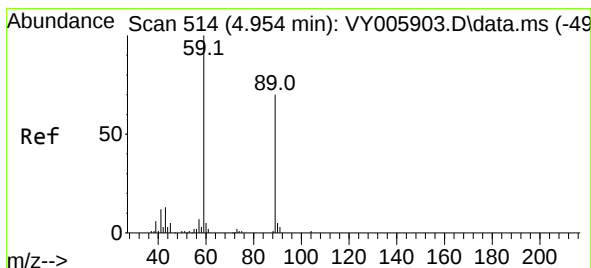
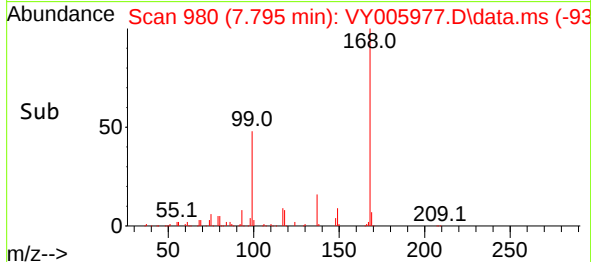
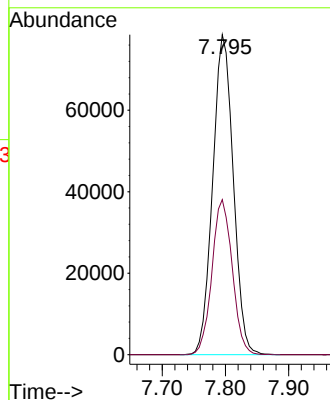
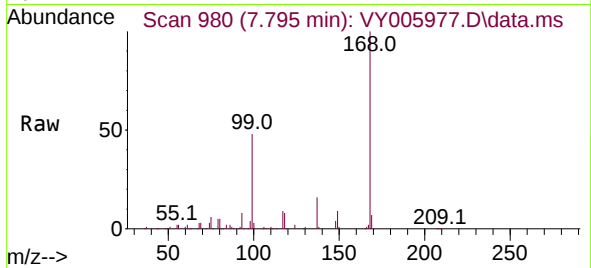




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005977.D
Acq: 09 Sep 2021 15:46

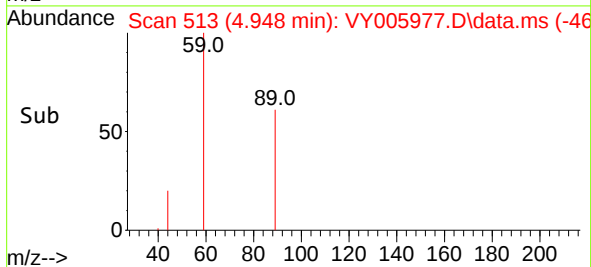
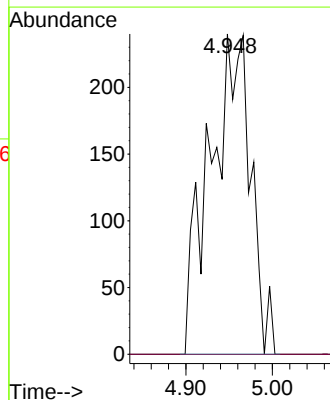
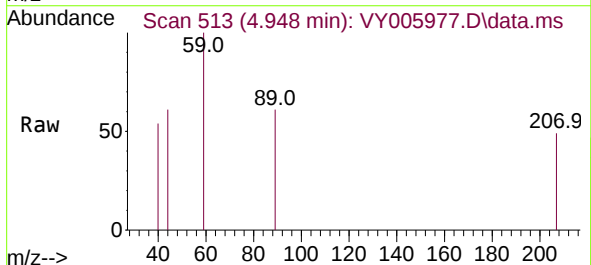
Instrument :
MSVOA_Y
ClientSampled :

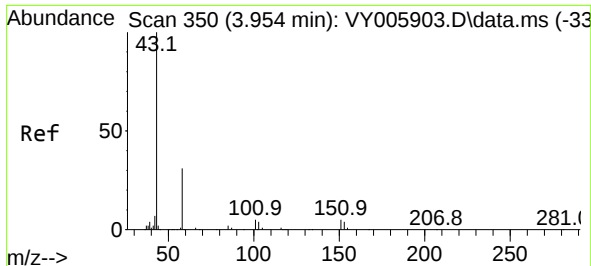
Tgt Ion:168 Resp: 177091
Ion Ratio Lower Upper
168 100
99 48.4 40.6 60.8



#11
Tert butyl alcohol
Concen: 2.245 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY005977.D
Acq: 09 Sep 2021 15:46

Tgt Ion: 59 Resp: 788
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

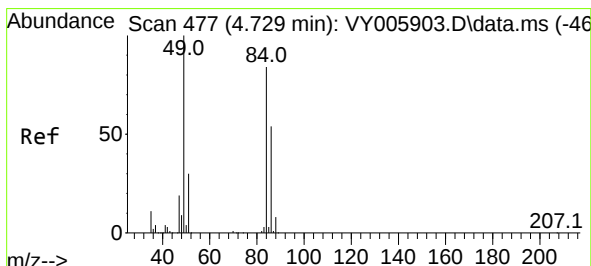
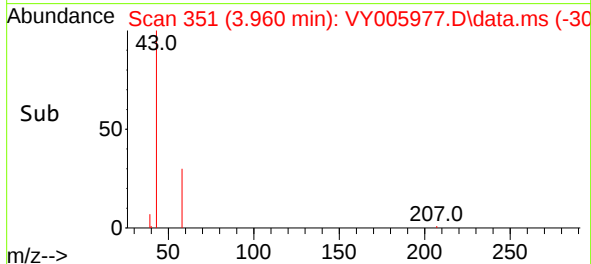
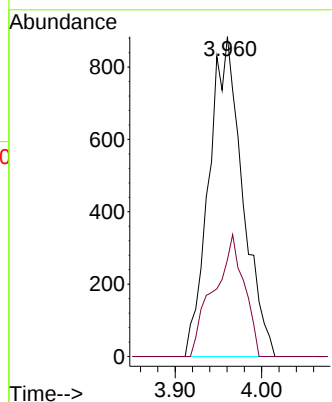
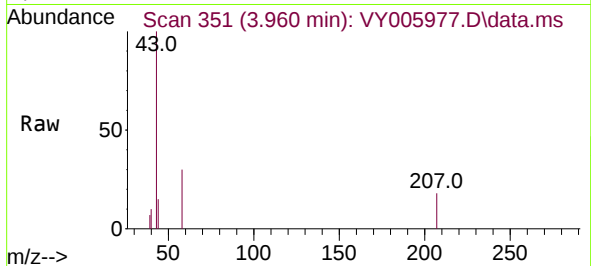




#16
Acetone
Concen: 5.237 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005977.D
Acq: 09 Sep 2021 15:46

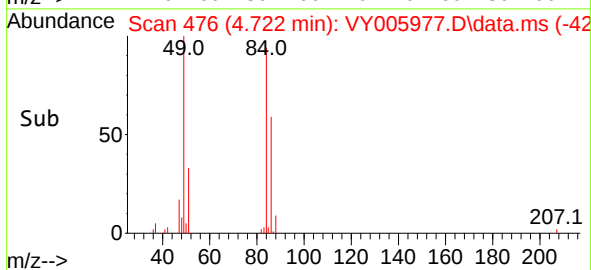
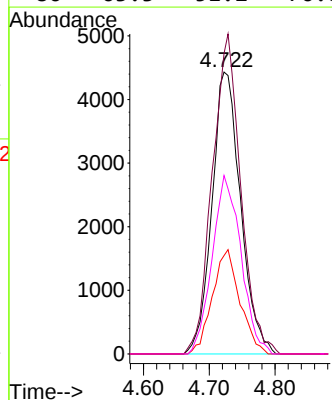
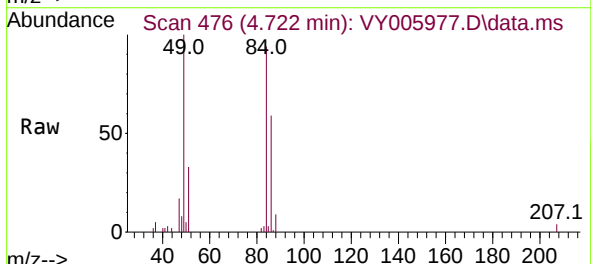
Instrument :
MSVOA_Y
ClientSampled :

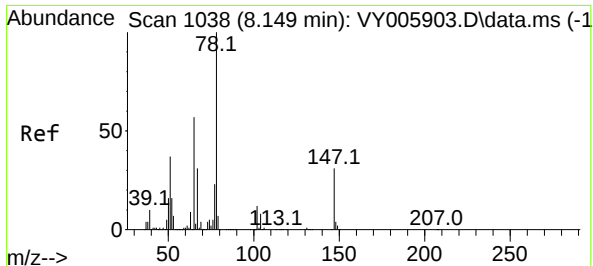
Tgt Ion: 43 Resp: 2383
Ion Ratio Lower Upper
43 100
58 30.2 25.1 37.7



#20
Methylene Chloride
Concen: 2.958 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005977.D
Acq: 09 Sep 2021 15:46

Tgt Ion: 84 Resp: 13450
Ion Ratio Lower Upper
84 100
49 106.6 95.7 143.5
51 34.9 29.0 43.6
86 63.3 51.2 76.8

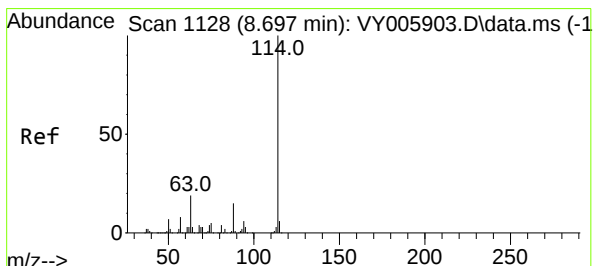
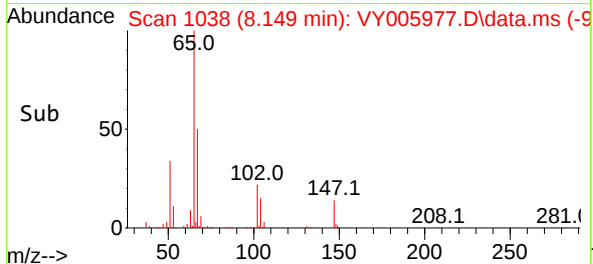
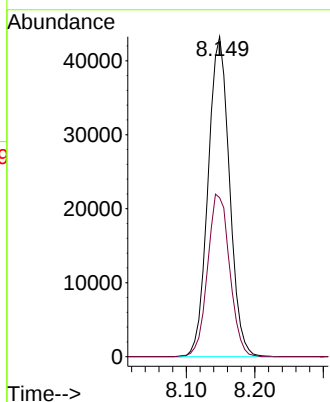
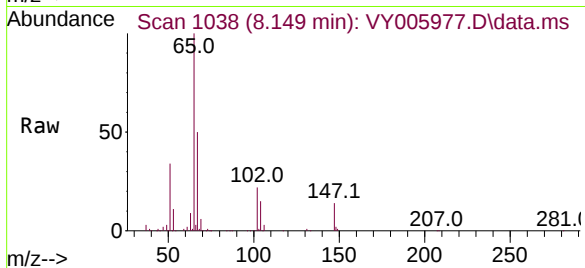




#33
 1,2-Dichloroethane-d4
 Concen: 52.563 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005977.D
 Acq: 09 Sep 2021 15:46

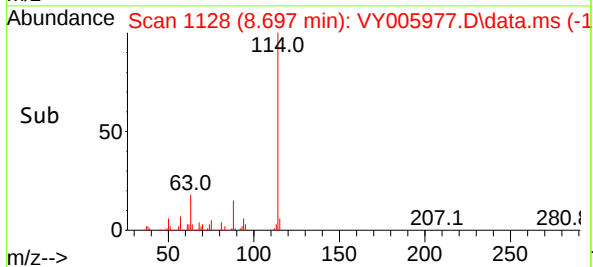
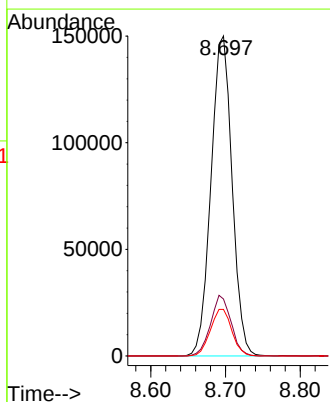
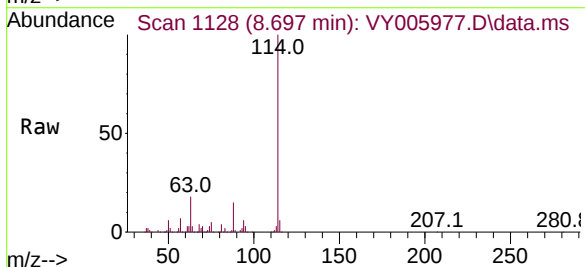
Instrument :
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 ClientSampled :

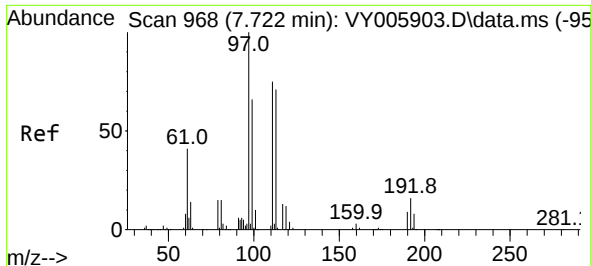
Tgt Ion: 65 Resp: 93803
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005977.D
 Acq: 09 Sep 2021 15:46

Tgt Ion: 114 Resp: 294382
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.4
 88 14.6 0.0 30.0

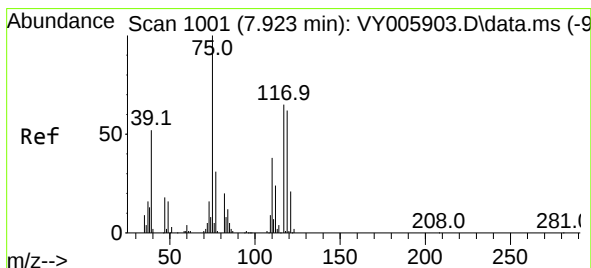
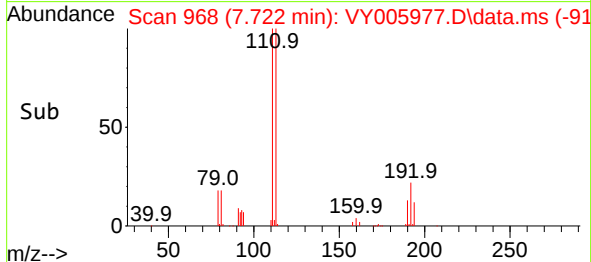
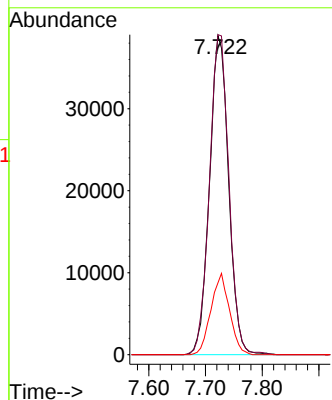
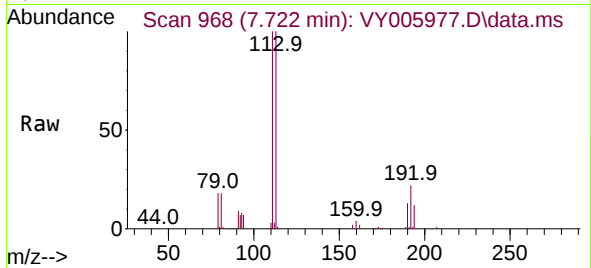




#35
Dibromofluoromethane
Concen: 55.137 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005977.D
Acq: 09 Sep 2021 15:46

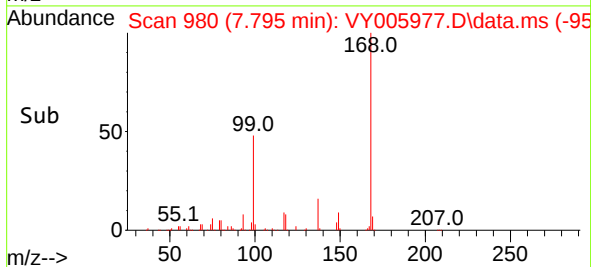
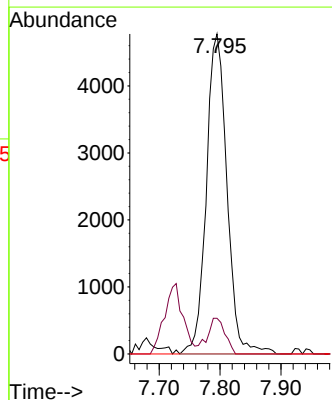
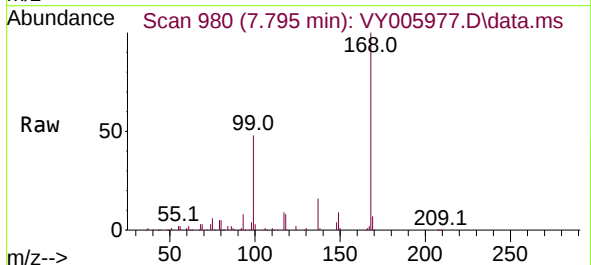
Instrument :
MSVOA_Y
ClientSampleId :

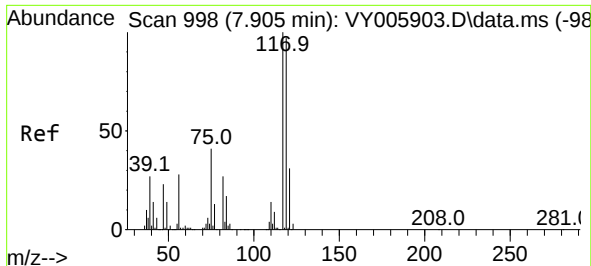
Tgt Ion:113 Resp: 91155
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 24.7 19.4 29.0



#36
1,1-Dichloropropene
Concen: 4.053 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005977.D
Acq: 09 Sep 2021 15:46

Tgt Ion: 75 Resp: 11235
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.3#
77 0.0 24.9 37.3#

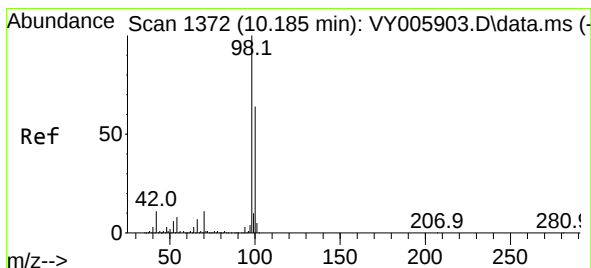
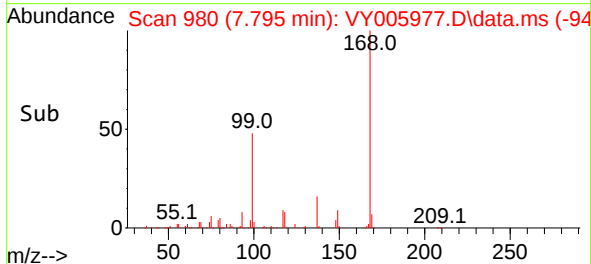
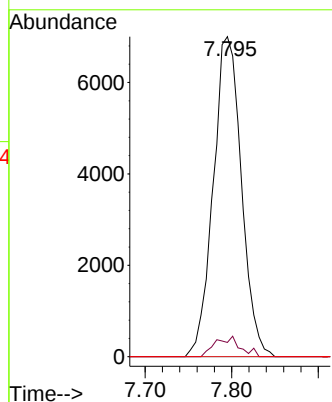
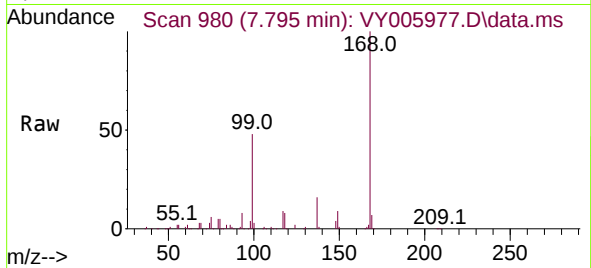




#38
Carbon Tetrachloride
Concen: 5.268 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005977.D
Acq: 09 Sep 2021 15:46

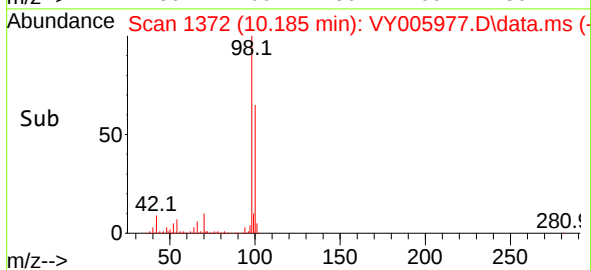
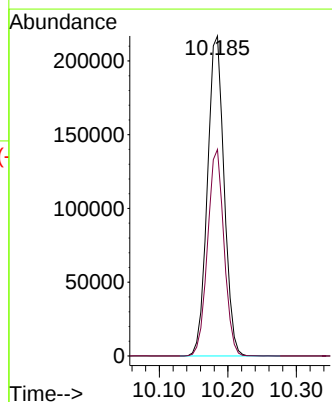
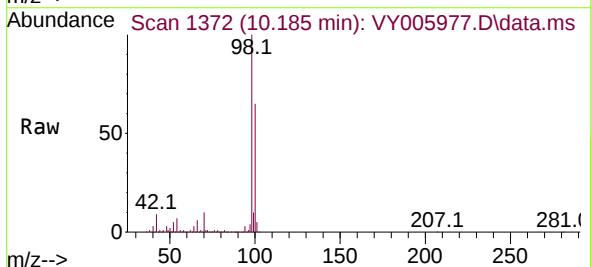
Instrument :
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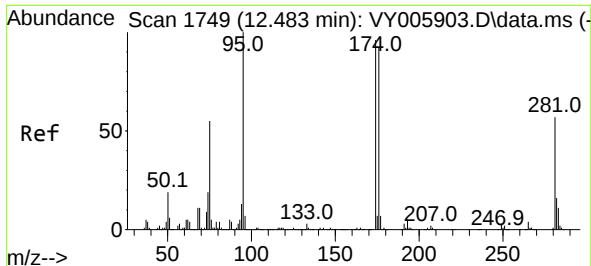
Tgt Ion:117 Resp: 15827
Ion Ratio Lower Upper
117 100
119 4.5 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.834 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005977.D
Acq: 09 Sep 2021 15:46

Tgt Ion: 98 Resp: 366581
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

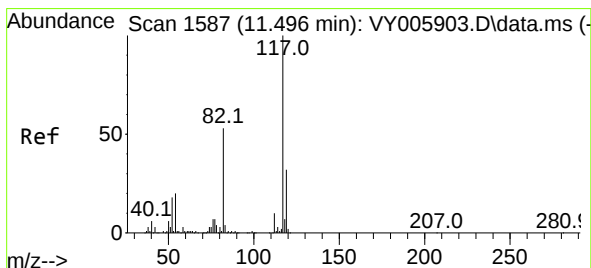
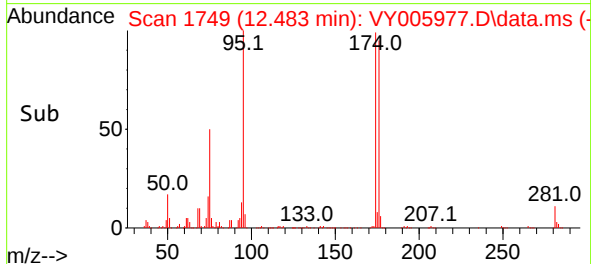
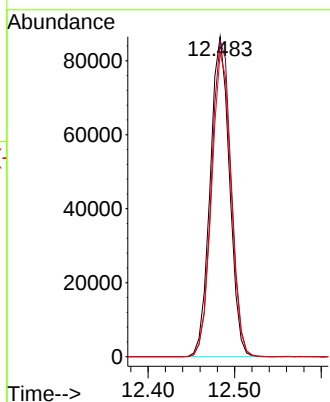
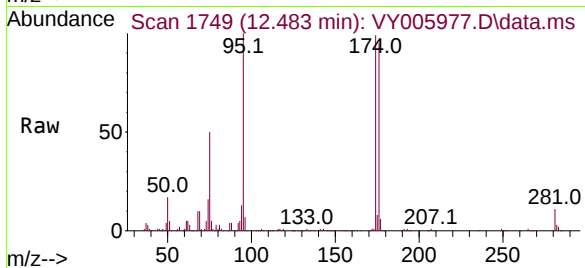




#62
4-Bromofluorobenzene
Concen: 57.433 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005977.D
Acq: 09 Sep 2021 15:46

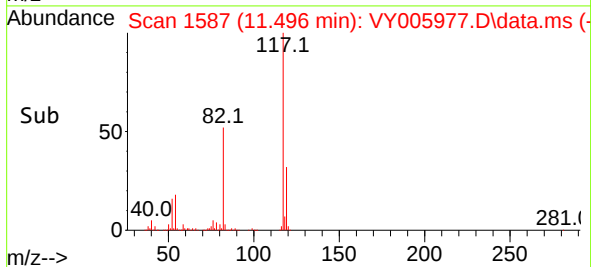
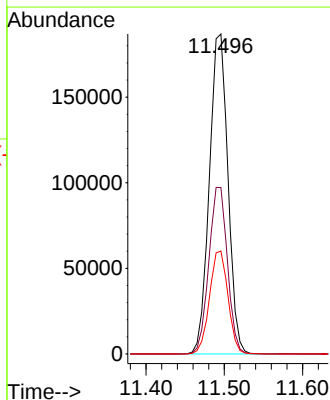
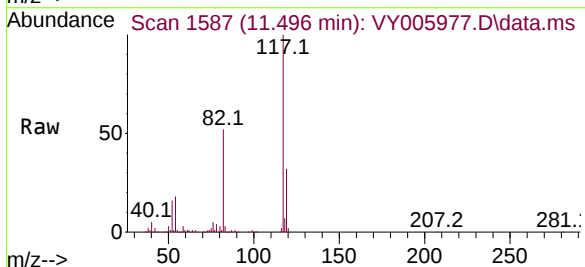
Instrument :
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ClientSampleId :

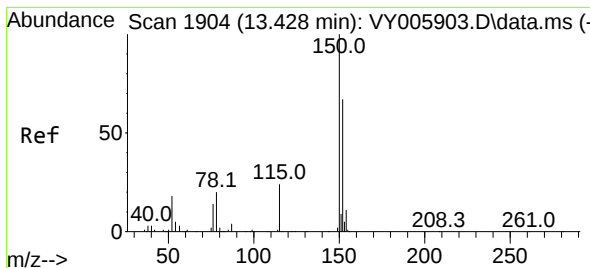
Tgt Ion: 95 Resp: 133807
Ion Ratio Lower Upper
95 100
174 101.0 0.0 192.4
176 95.2 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005977.D
Acq: 09 Sep 2021 15:46

Tgt Ion: 117 Resp: 307653
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.1 25.4 38.0

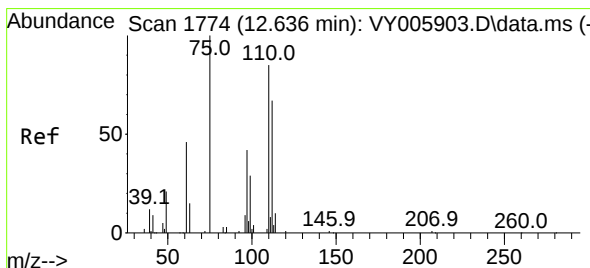
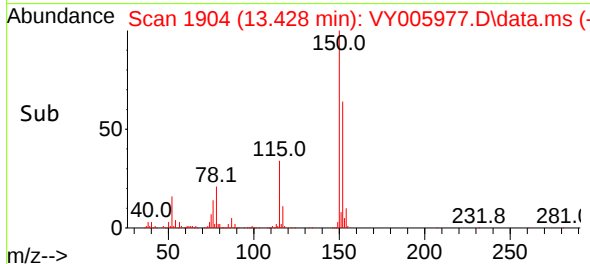
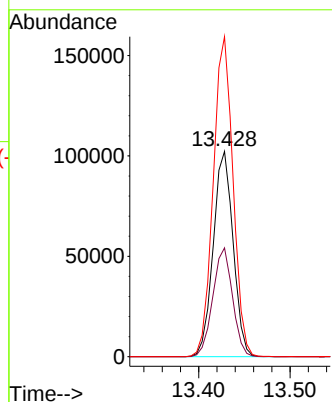
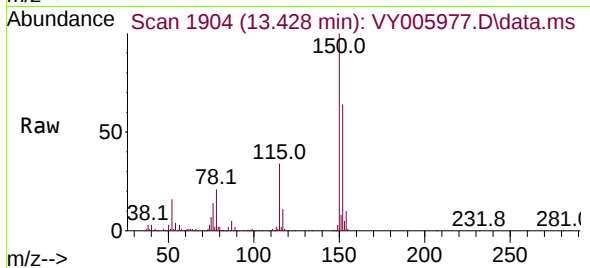




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005977.D
 Acq: 09 Sep 2021 15:46

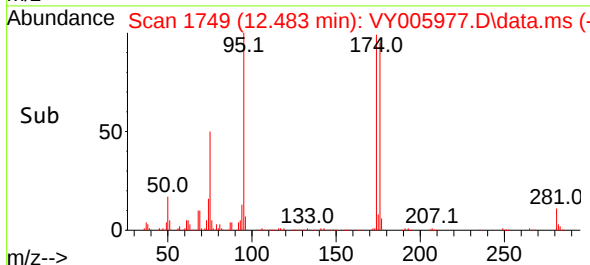
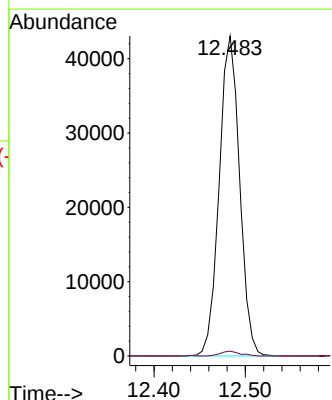
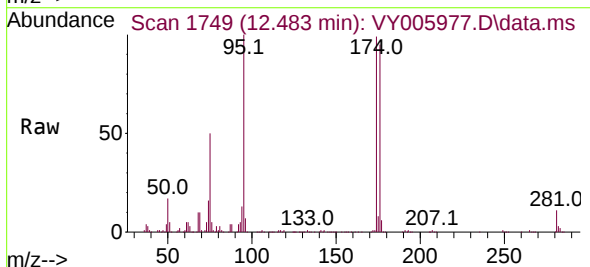
Instrument :
 MSVOA_Y
 ClientSampleId :

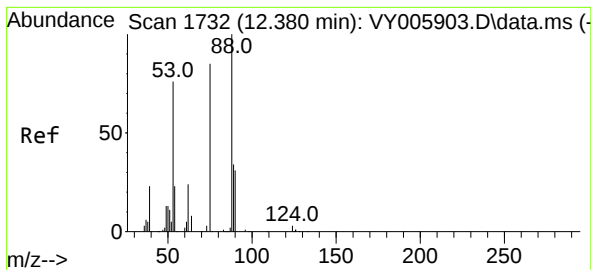
Tgt Ion:152 Resp: 154317
 Ion Ratio Lower Upper
 152 100
 115 52.5 26.8 80.4
 150 155.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 46.291 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005977.D
 Acq: 09 Sep 2021 15:46

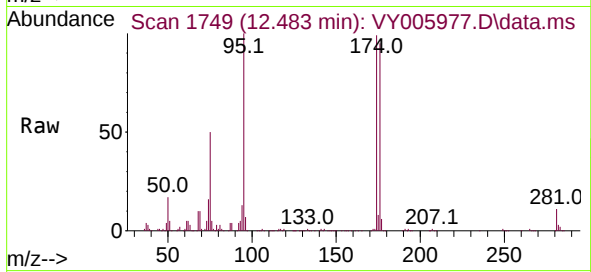
Tgt Ion: 75 Resp: 66861
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.036 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005977.D
 Acq: 09 Sep 2021 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 66861
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.8 107.8#
 89 0.0 35.8 53.6#

