

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005990.D
 Acq On : 10 Sep 2021 18:03
 Operator : SY/MD
 Sample : M3684-20
 Misc : 5.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:23:14 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)

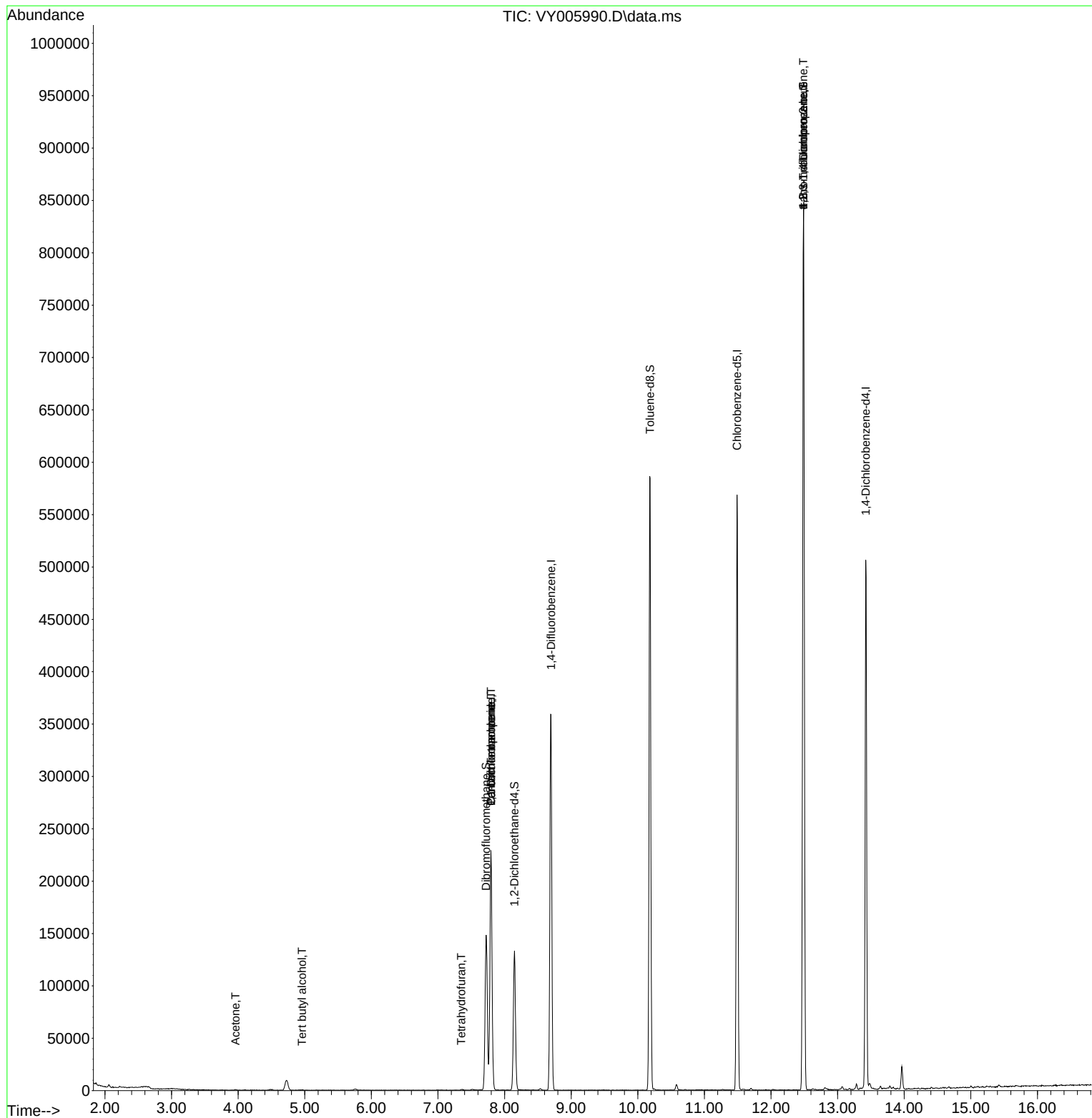
Internal Standards						
1) Pentafluorobenzene	7.795	168	192162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	322854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105101	54.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.540%	
35) Dibromofluoromethane	7.722	113	101880	56.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.380%	
50) Toluene-d8	10.185	98	404427	53.148	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.300%	
62) 4-Bromofluorobenzene	12.483	95	135724	53.119	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.240%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	515	1.352	ug/l #	80
16) Acetone	3.960	43	954	1.932	ug/l	98
20) Methylene Chloride	4.722	84	8025	Below Cal		87
29) Tetrahydrofuran	7.350	42	517	1.144	ug/l #	71
36) 1,1-Dichloropropene	7.795	75	11809	3.885	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16213	4.921	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	69806	51.883	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69806	98.669	ug/l #	14

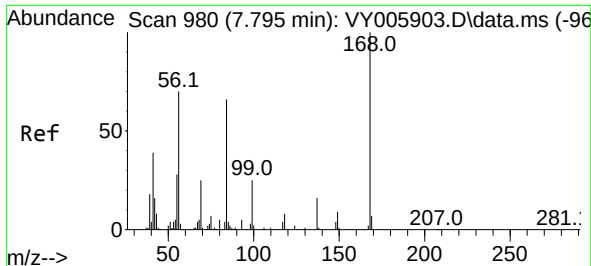
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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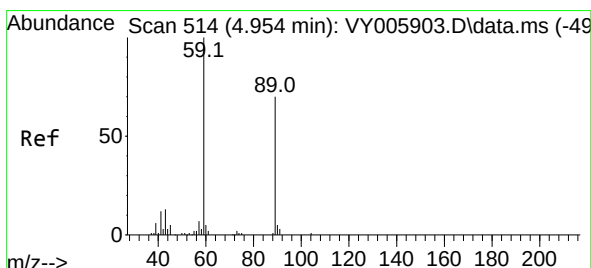
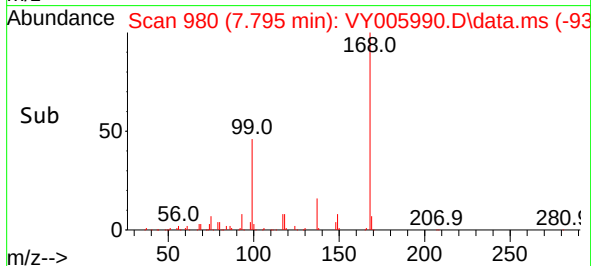
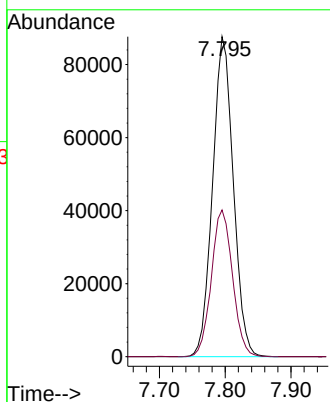
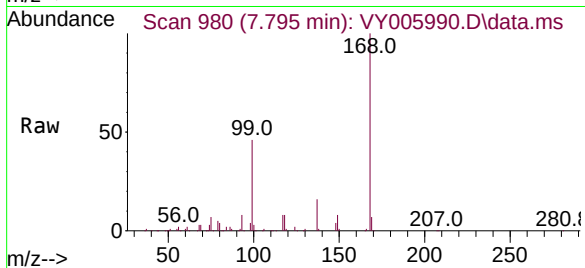




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

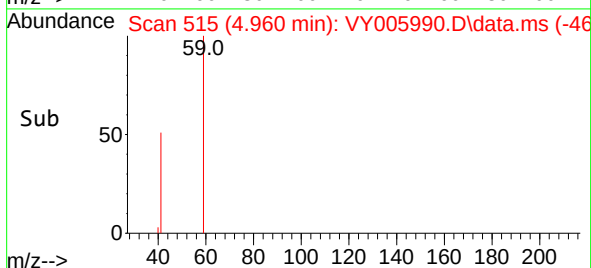
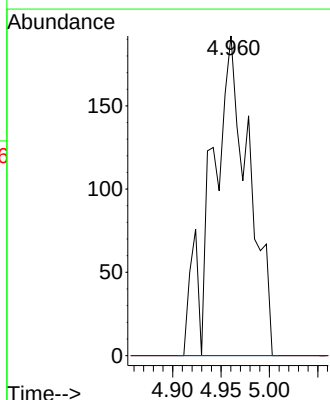
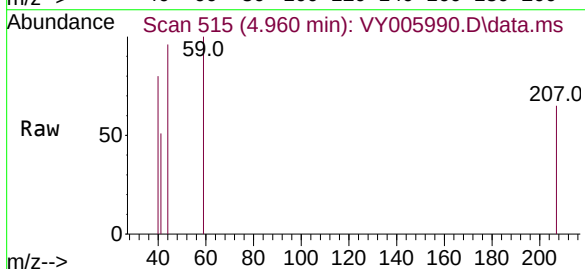
Instrument :
MSVOA_Y
ClientSampleId :

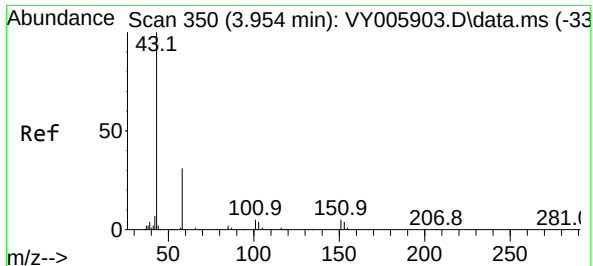
Tgt Ion:168 Resp: 192162
Ion Ratio Lower Upper
168 100
99 45.8 40.6 60.8



#11
Tert butyl alcohol
Concen: 1.352 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

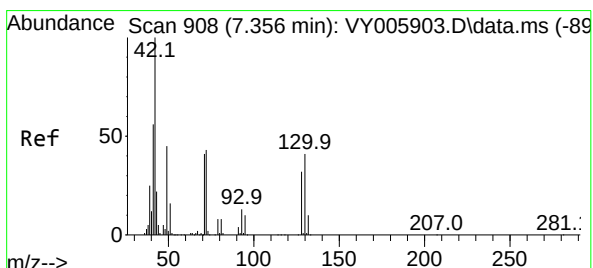
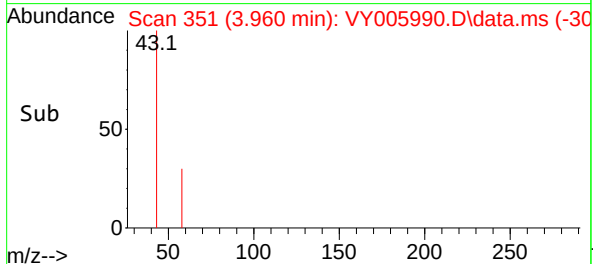
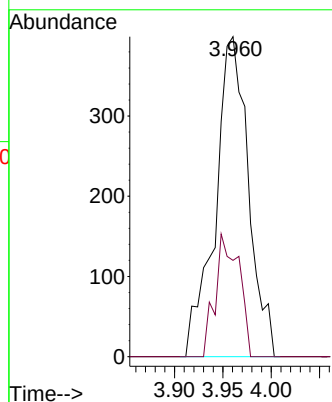
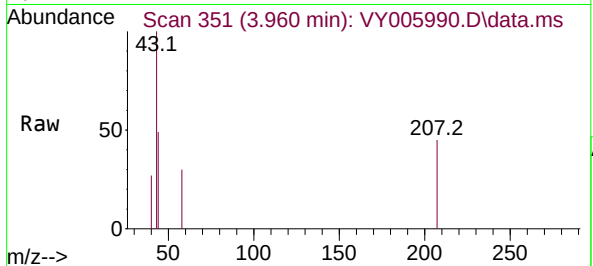




#16
Acetone
Concen: 1.932 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

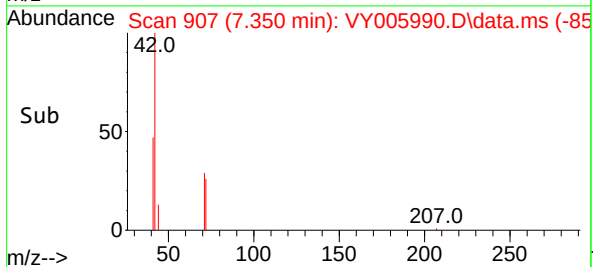
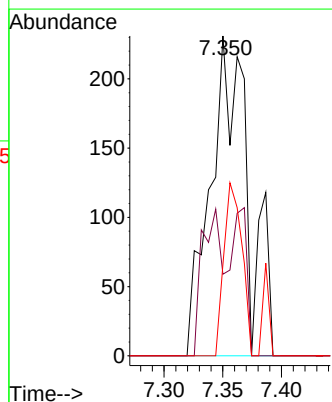
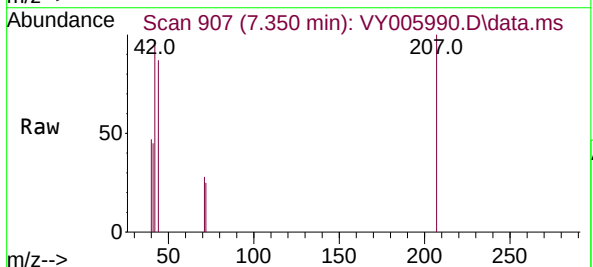
Instrument :
MSVOA_Y
ClientSampleId :

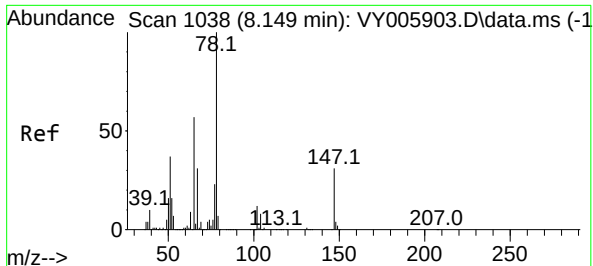
Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 30.1 25.1 37.7



#29
Tetrahydrofuran
Concen: 1.144 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

Tgt Ion: 42 Resp: 517
Ion Ratio Lower Upper
42 100
72 24.0 36.1 54.1#
71 25.9 33.8 50.8#

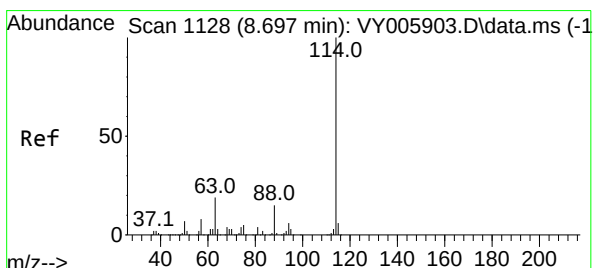
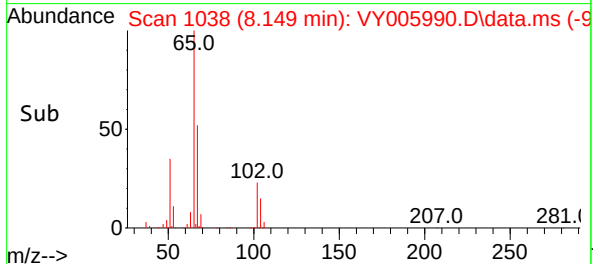
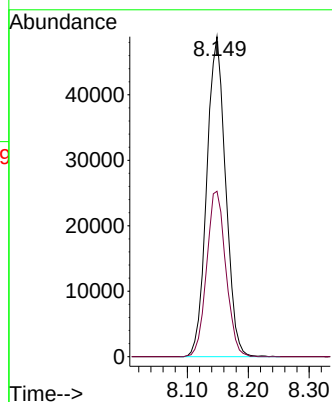
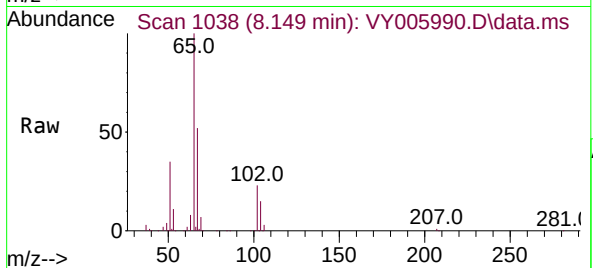




#33
1,2-Dichloroethane-d4
Concen: 54.275 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

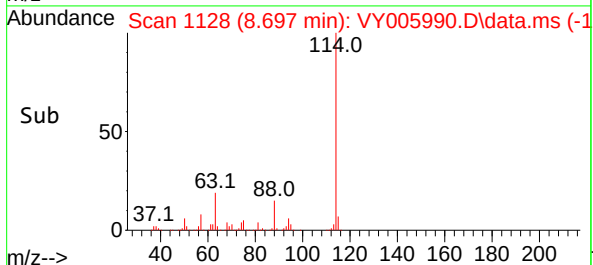
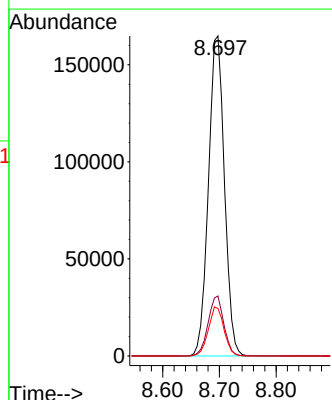
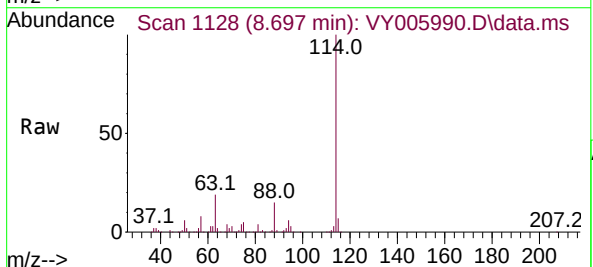
Instrument :
MSVOA_Y
ClientSampleId :

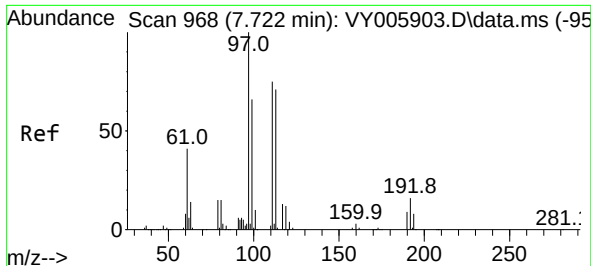
Tgt Ion: 65 Resp: 105101
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

Tgt Ion: 114 Resp: 322854
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.4
88 14.9 0.0 30.0

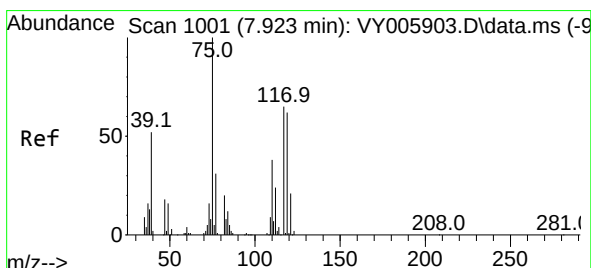
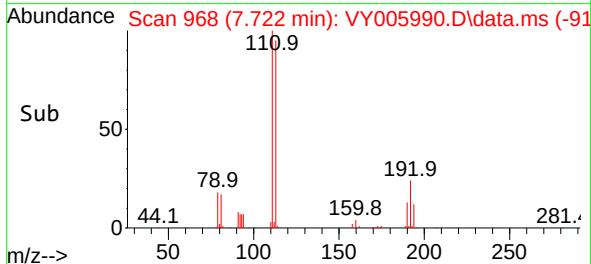
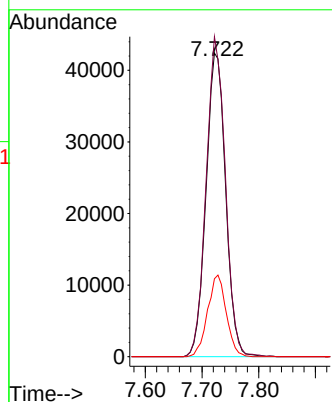
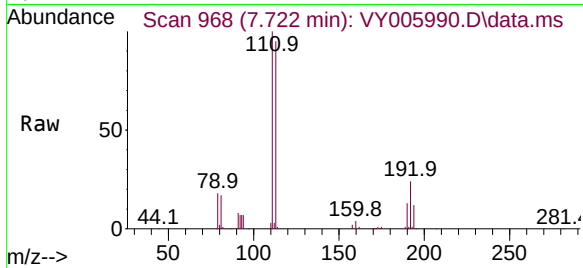




#35
Dibromofluoromethane
Concen: 56.190 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

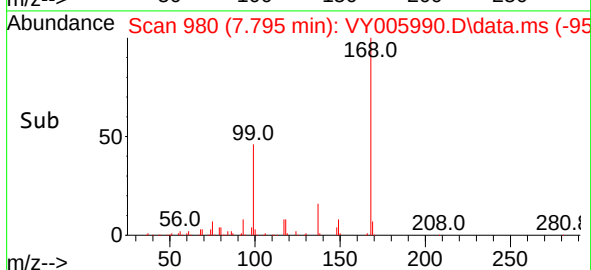
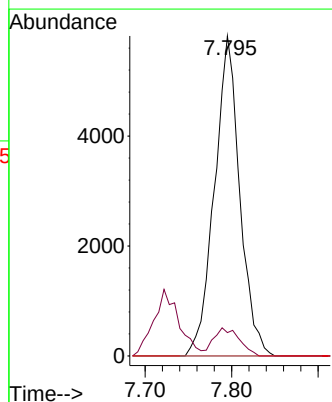
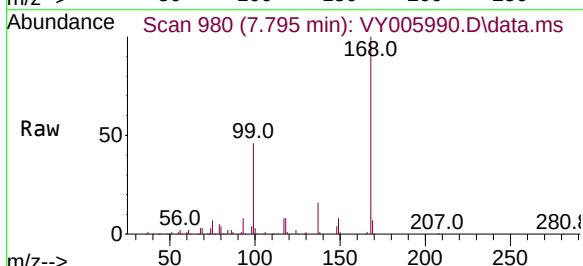
Instrument :
MSVOA_Y
ClientSampleId :

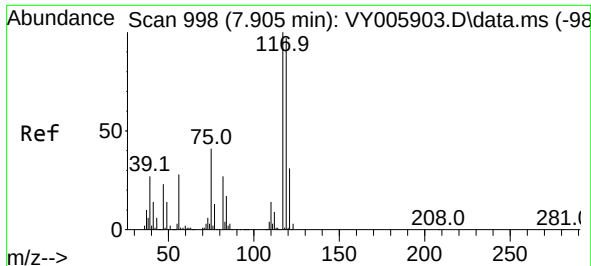
Tgt Ion:113 Resp: 101880
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 25.6 19.4 29.0



#36
1,1-Dichloropropene
Concen: 3.885 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

Tgt Ion: 75 Resp: 11809
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.3#
77 0.0 24.9 37.3#

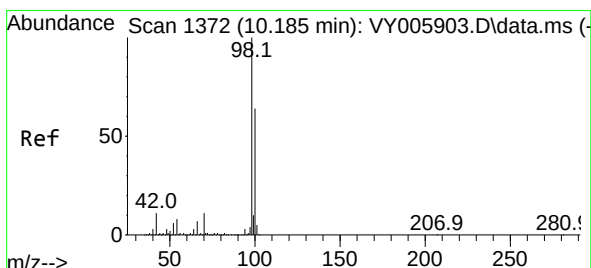
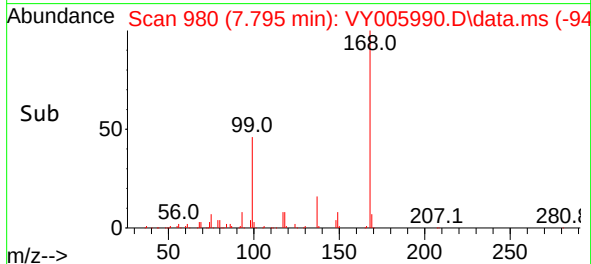
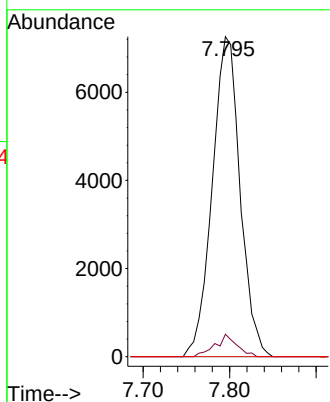
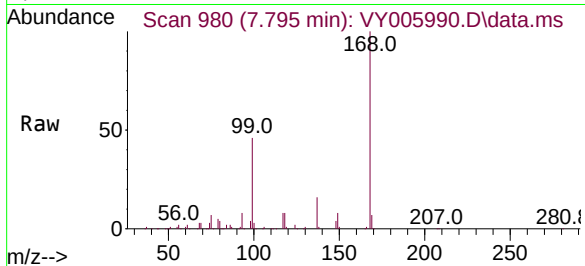




#38
Carbon Tetrachloride
Concen: 4.921 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

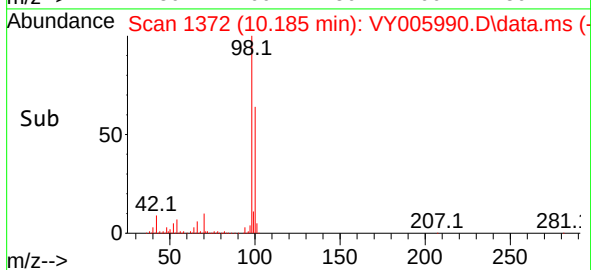
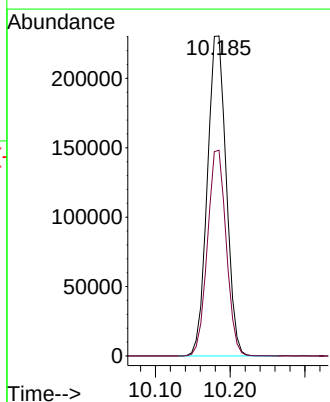
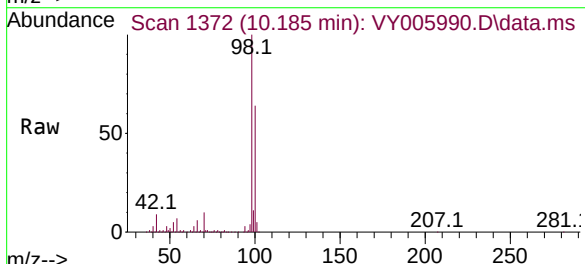
Instrument :
MSVOA_Y
ClientSampleId :

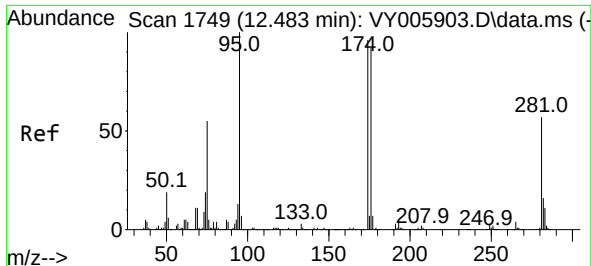
Tgt Ion:117 Resp: 16213
Ion Ratio Lower Upper
117 100
119 7.0 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 53.148 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

Tgt Ion: 98 Resp: 404427
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

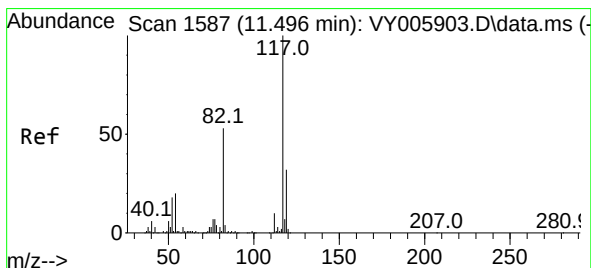
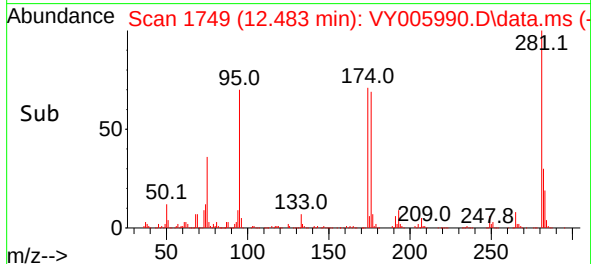
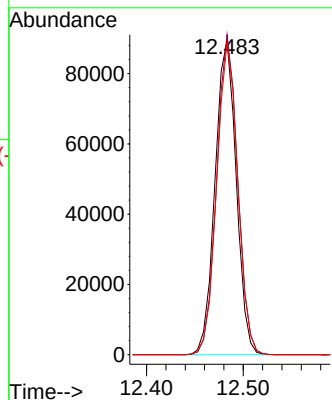
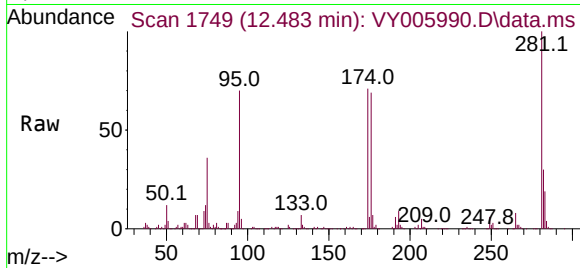




#62
4-Bromofluorobenzene
Concen: 53.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

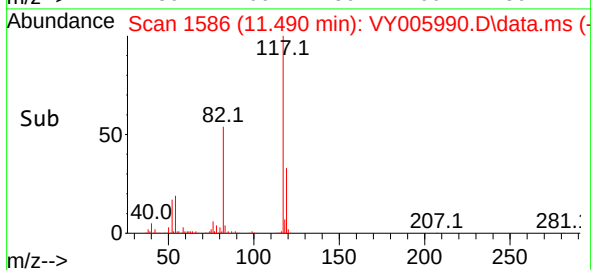
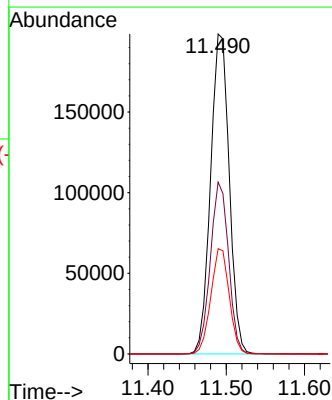
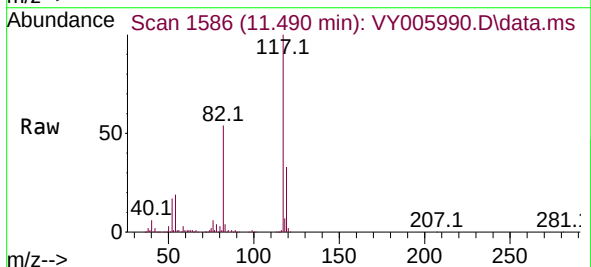
Instrument :
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ClientSampleId :

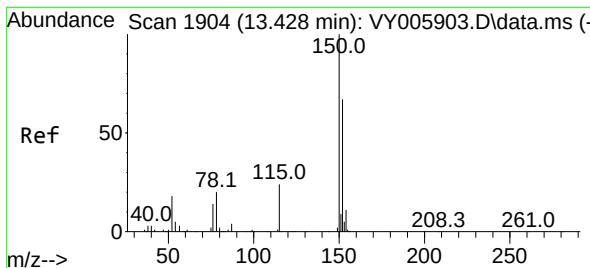
Tgt Ion: 95 Resp: 135724
Ion Ratio Lower Upper
95 100
174 100.8 0.0 192.4
176 98.7 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

Tgt Ion: 117 Resp: 328532
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 32.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY005990.D

Acq: 10 Sep 2021 18:03

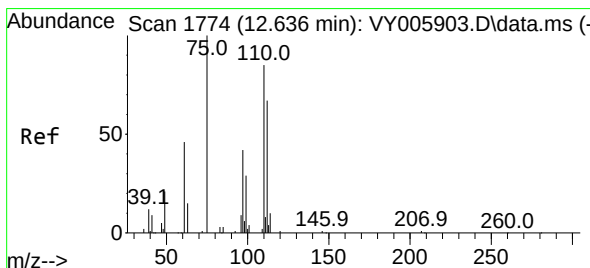
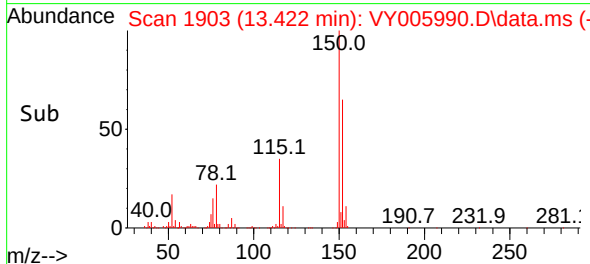
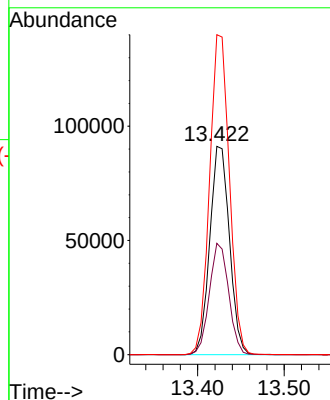
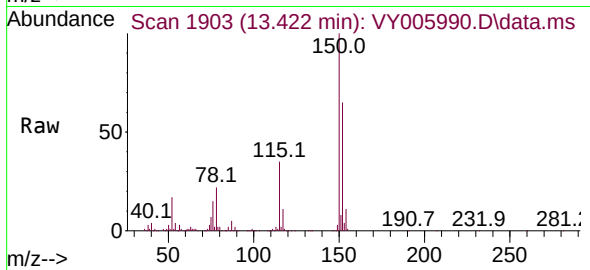
Tgt Ion:152 Resp: 143751

Ion Ratio Lower Upper

152 100

115 52.6 26.8 80.4

150 154.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 51.883 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY005990.D

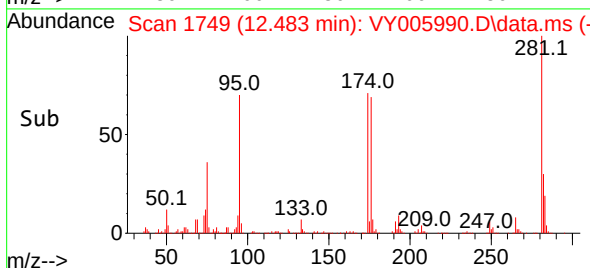
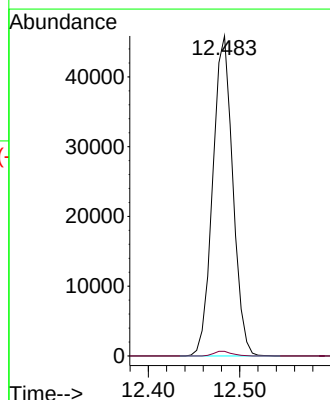
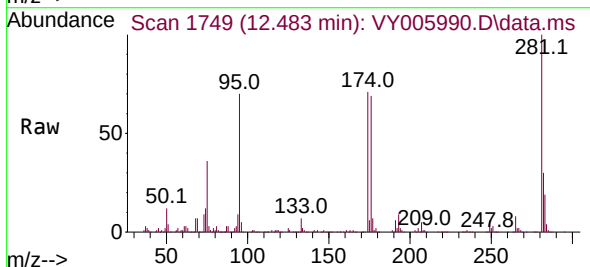
Acq: 10 Sep 2021 18:03

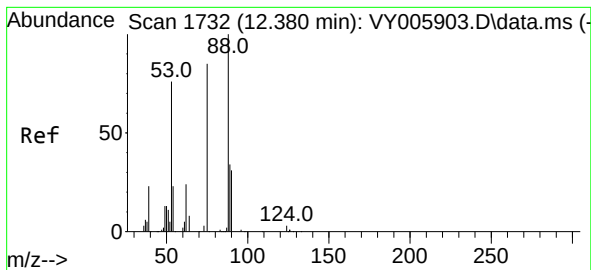
Tgt Ion: 75 Resp: 69806

Ion Ratio Lower Upper

75 100

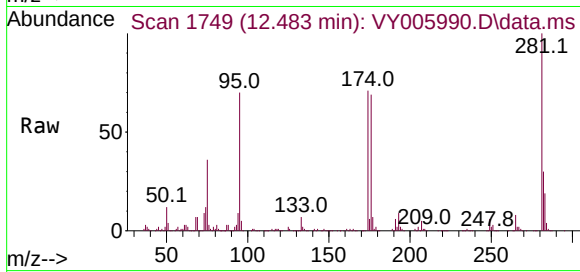
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.669 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005990.D
 Acq: 10 Sep 2021 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 69806
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.8 107.8#
 89 1.2 35.8 53.6#

