

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005987.D
 Acq On : 10 Sep 2021 16:53
 Operator : SY/MD
 Sample : M3684-17
 Misc : 5.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:22:32 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)

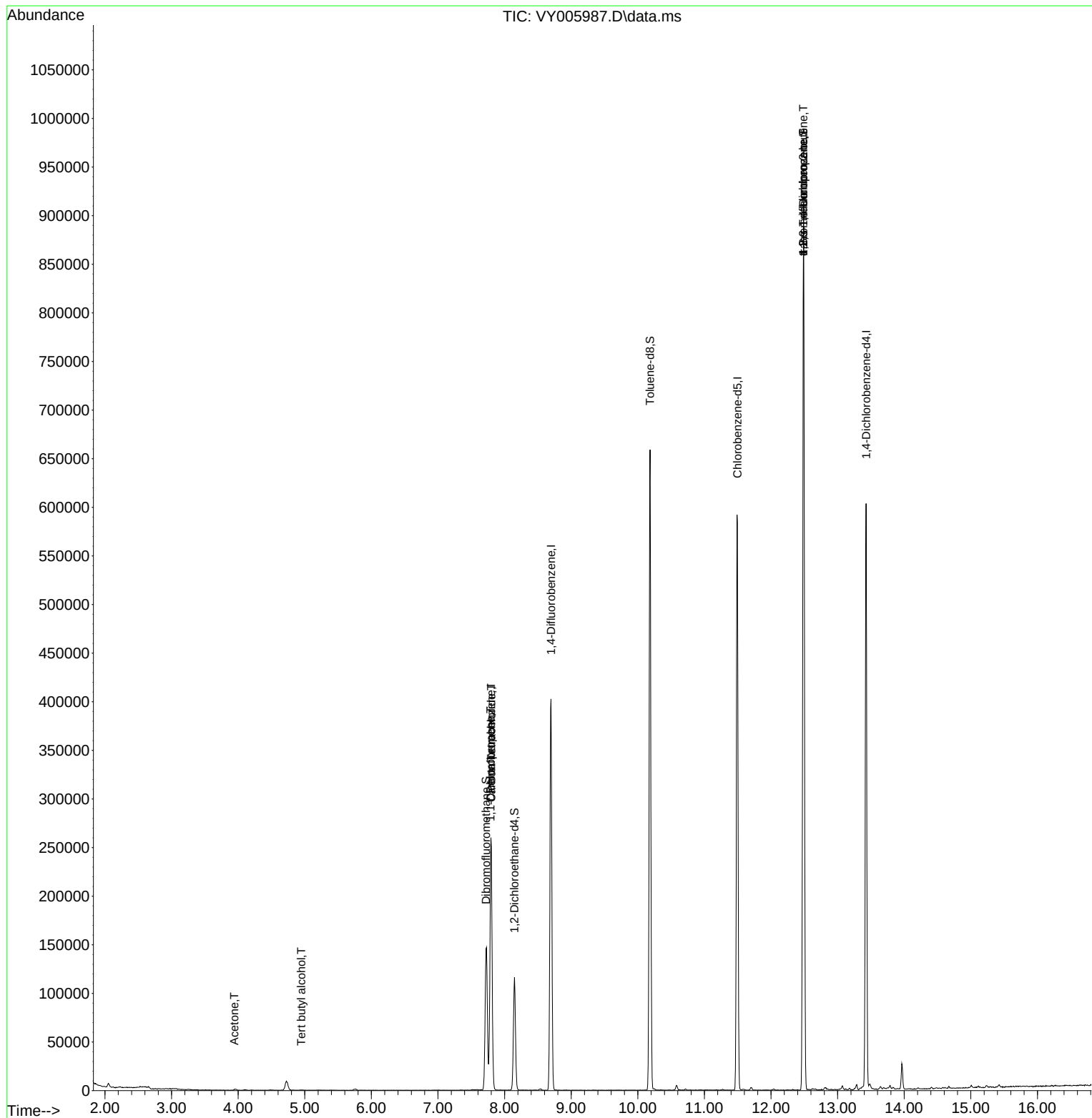
Internal Standards						
1) Pentafluorobenzene	7.795	168	221880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	359076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	345097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90478	40.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.940%
35) Dibromofluoromethane	7.722	113	103462	51.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.620%
50) Toluene-d8	10.185	98	440508	52.050	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.483	95	148261	52.172	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	552	1.255	ug/l #	80
16) Acetone	3.942	43	1893	3.320	ug/l	95
20) Methylene Chloride	4.722	84	7611	Below Cal		93
36) 1,1-Dichloropropene	7.789	75	13517	3.998	ug/l #	49
38) Carbon Tetrachloride	7.801	117	19073	5.205	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	76396	49.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76396	94.939	ug/l #	14

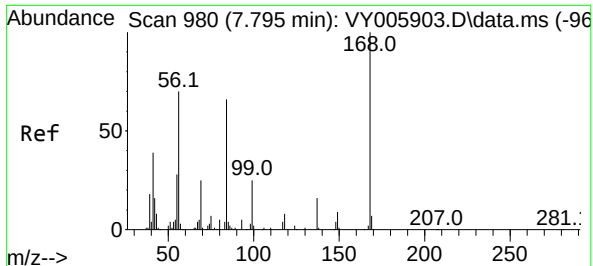
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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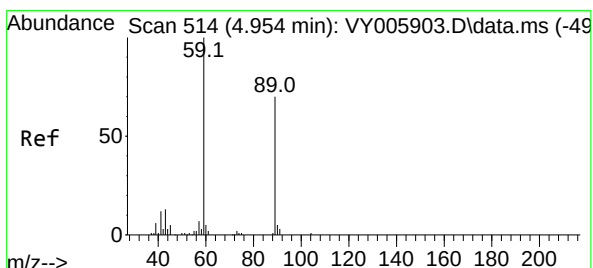
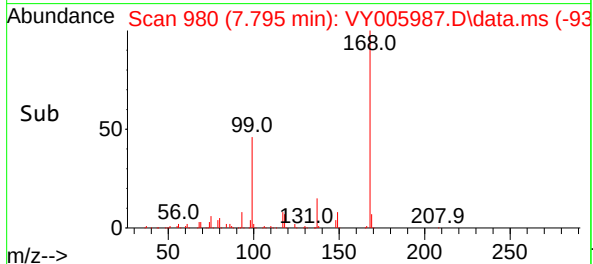
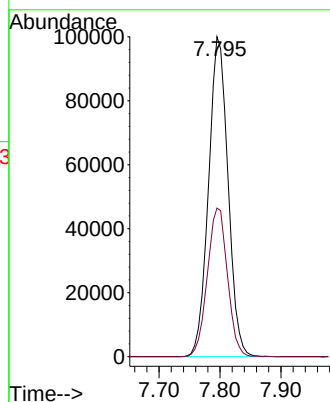
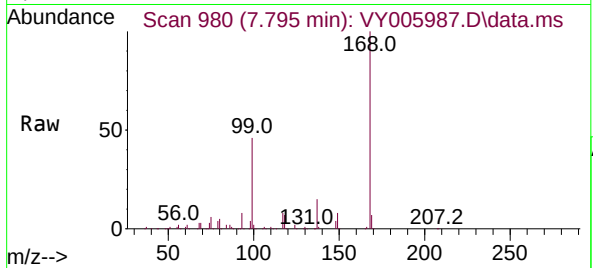




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

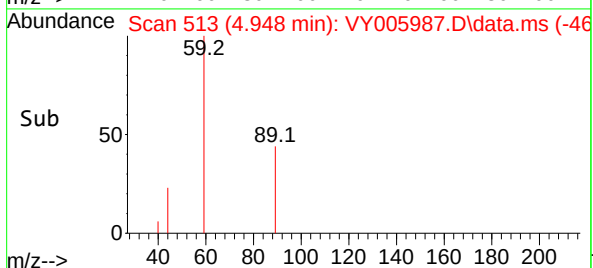
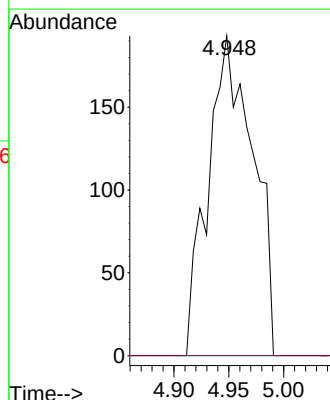
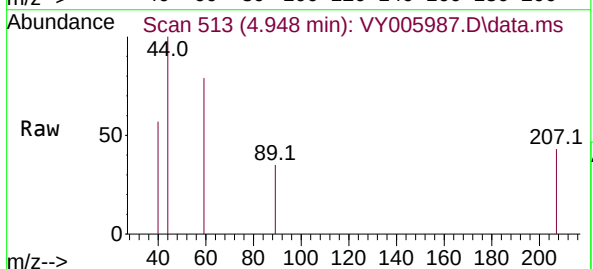
Instrument :
MSVOA_Y
ClientSampled :

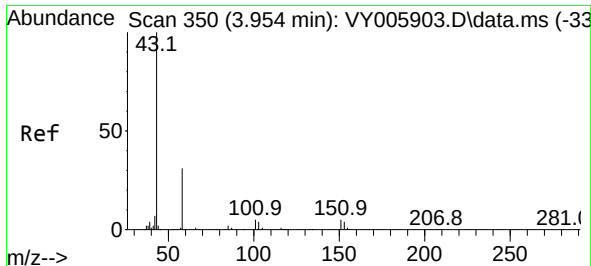
Tgt Ion:168 Resp: 221880
Ion Ratio Lower Upper
168 100
99 46.4 40.6 60.8



#11
Tert butyl alcohol
Concen: 1.255 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

Tgt Ion: 59 Resp: 552
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

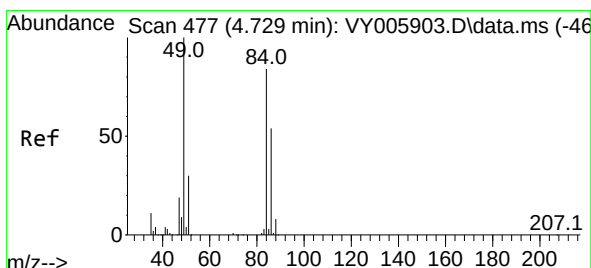
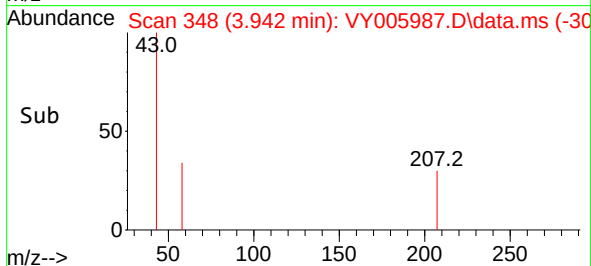
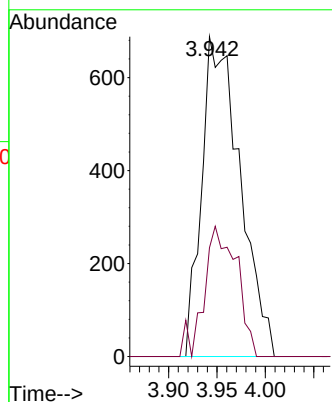
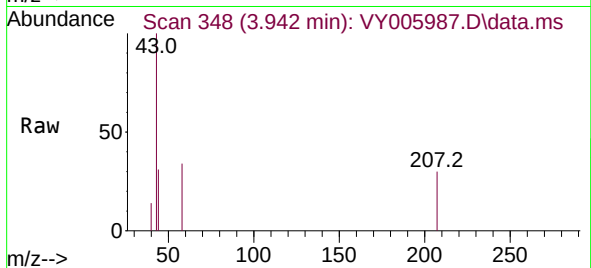




#16
Acetone
Concen: 3.320 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

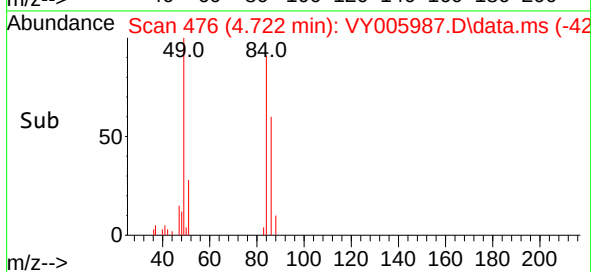
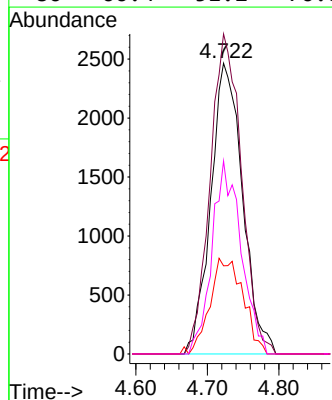
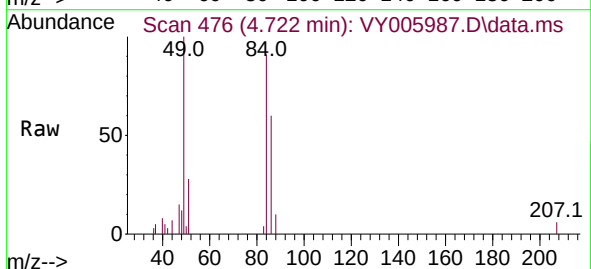
Instrument :
MSVOA_Y
ClientSampled :

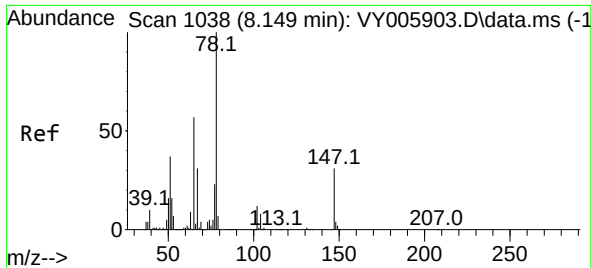
Tgt Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
58 34.0 25.1 37.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

Tgt Ion: 84 Resp: 7611
Ion Ratio Lower Upper
84 100
49 110.1 95.7 143.5
51 30.3 29.0 43.6
86 66.4 51.2 76.8

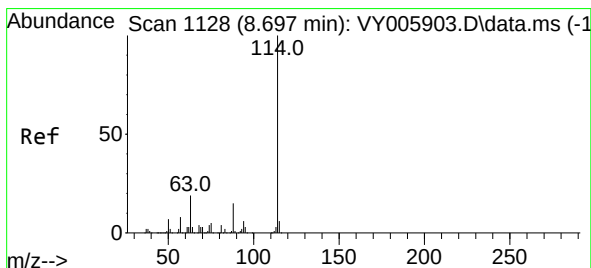
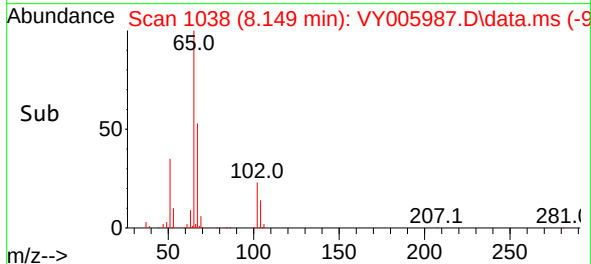
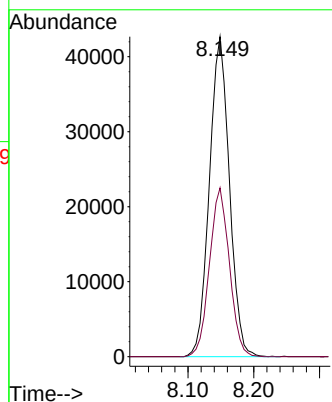
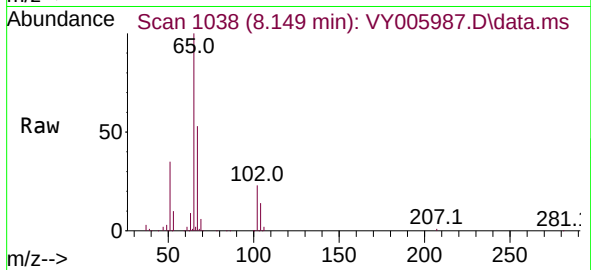




#33
1,2-Dichloroethane-d4
Concen: 40.465 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

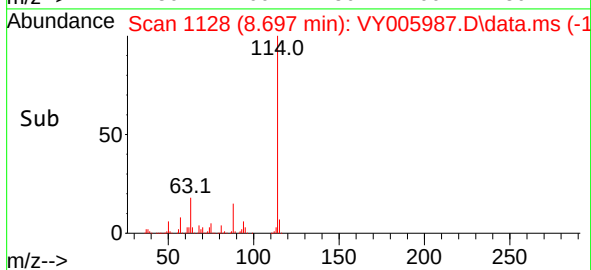
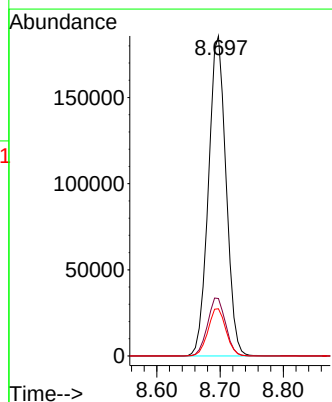
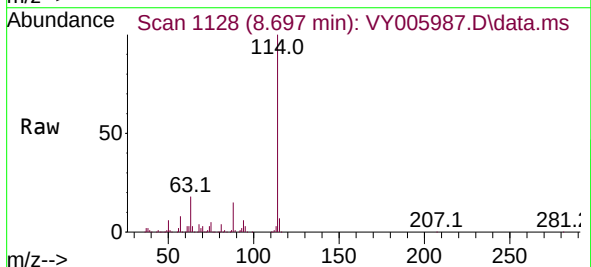
Instrument :
MSVOA_Y
ClientSampled :

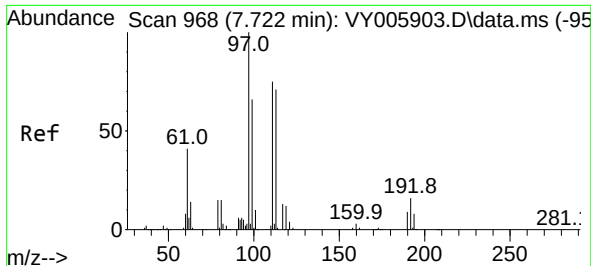
Tgt Ion: 65 Resp: 90478
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

Tgt Ion:114 Resp: 359076
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.4
88 14.8 0.0 30.0

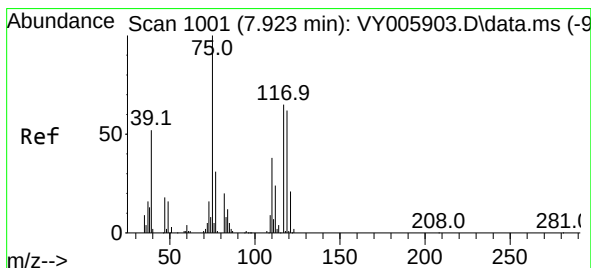
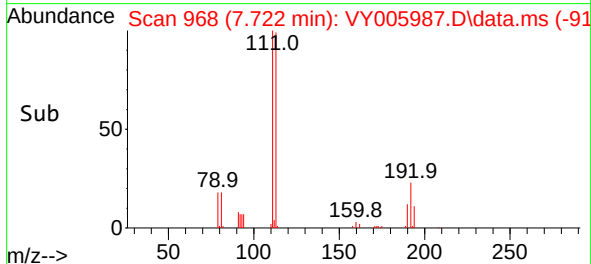
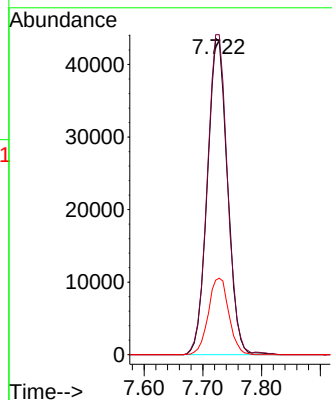
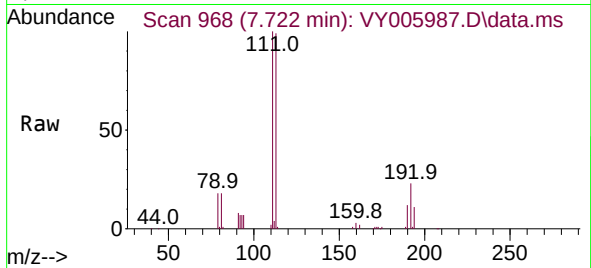




#35
Dibromofluoromethane
Concen: 51.306 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

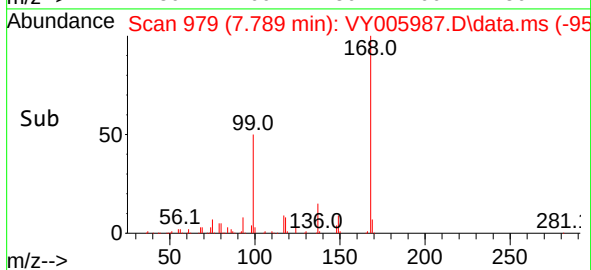
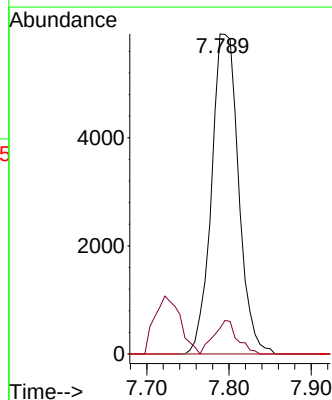
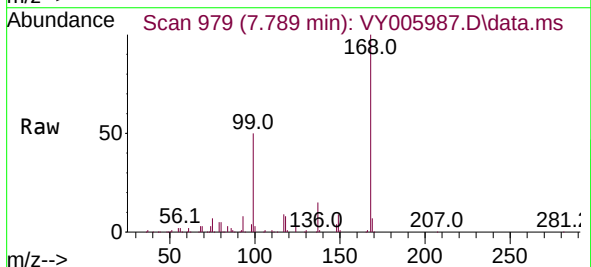
Instrument :
MSVOA_Y
ClientSampleId :

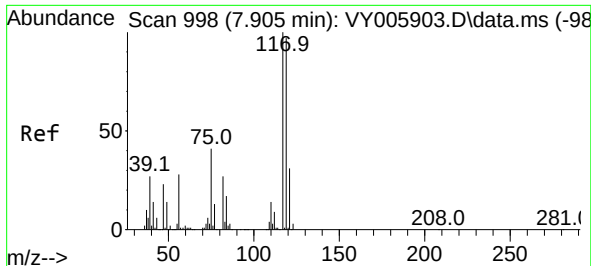
Tgt Ion:113 Resp: 103462
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 24.7 19.4 29.0



#36
1,1-Dichloropropene
Concen: 3.998 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

Tgt Ion: 75 Resp: 13517
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.3#
77 0.0 24.9 37.3#

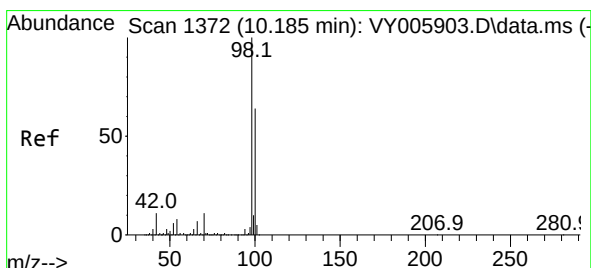
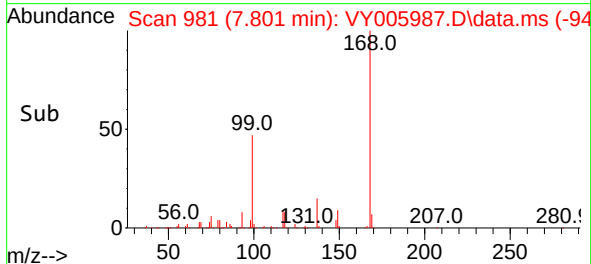
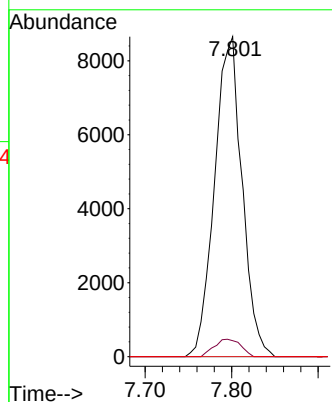
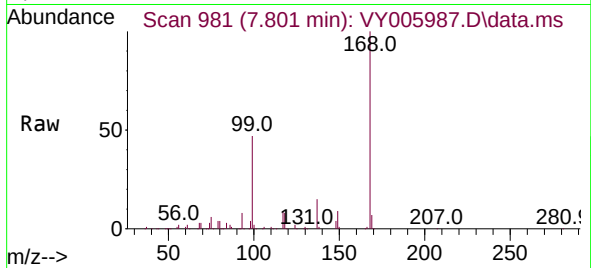




#38
Carbon Tetrachloride
Concen: 5.205 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

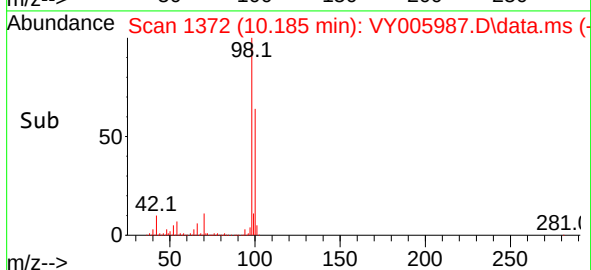
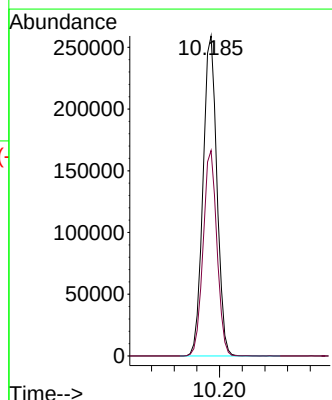
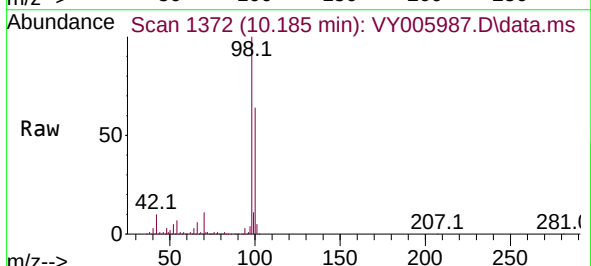
Instrument :
MSVOA_Y
ClientSampleId :

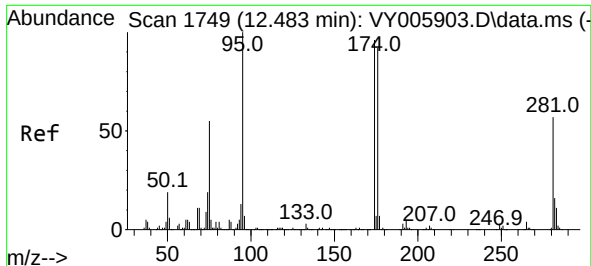
Tgt Ion:117 Resp: 19073
Ion Ratio Lower Upper
117 100
119 5.0 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.050 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

Tgt Ion: 98 Resp: 440508
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

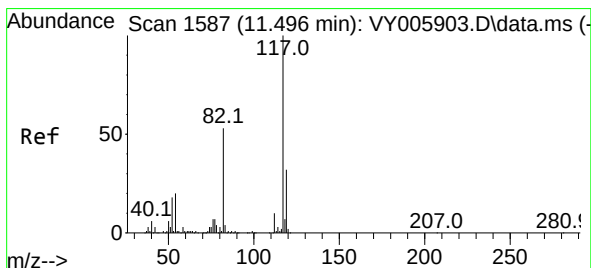
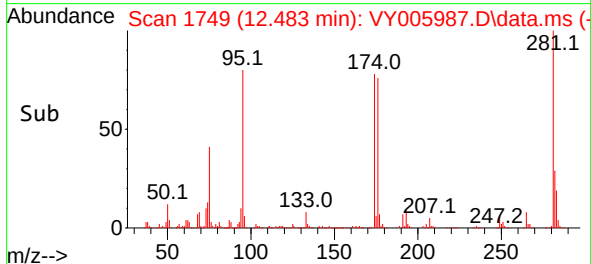
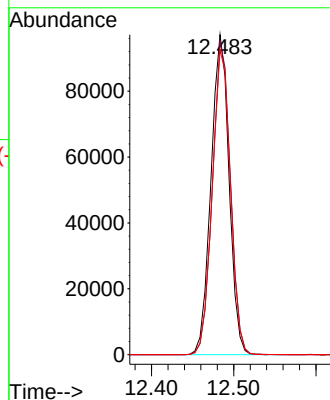
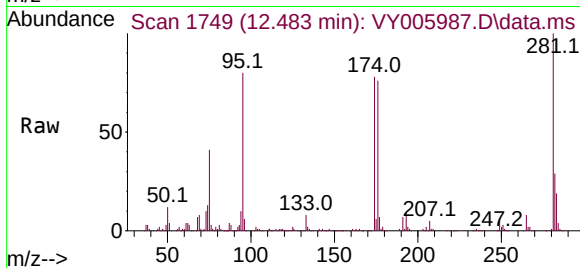




#62
4-Bromofluorobenzene
Concen: 52.172 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

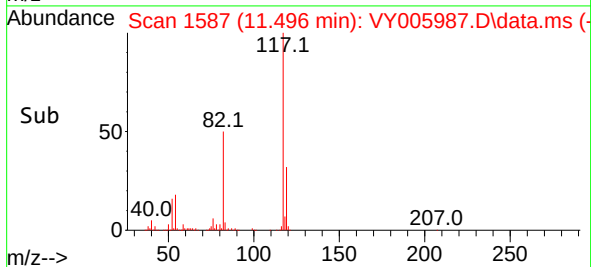
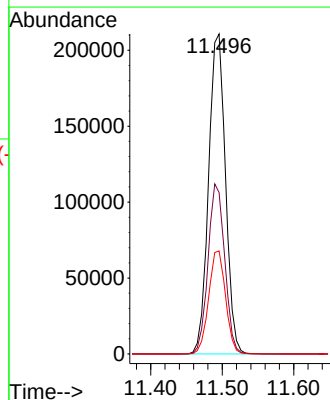
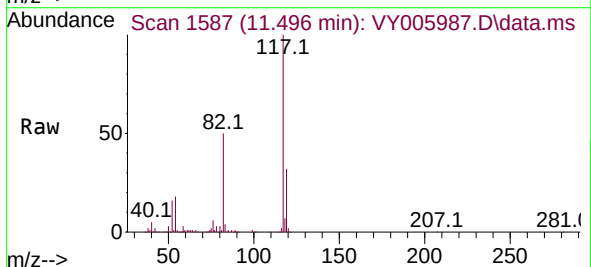
Instrument :
MSVOA_Y
ClientSampleId :

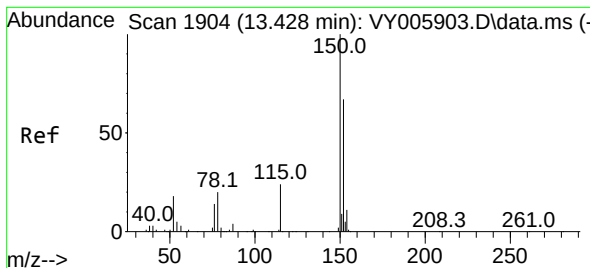
Tgt Ion: 95 Resp: 148261
Ion Ratio Lower Upper
95 100
174 97.3 0.0 192.4
176 95.8 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

Tgt Ion: 117 Resp: 345097
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.2 25.4 38.0

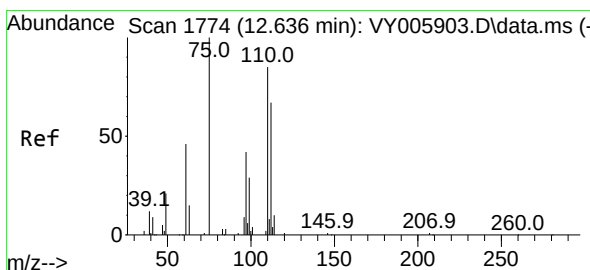
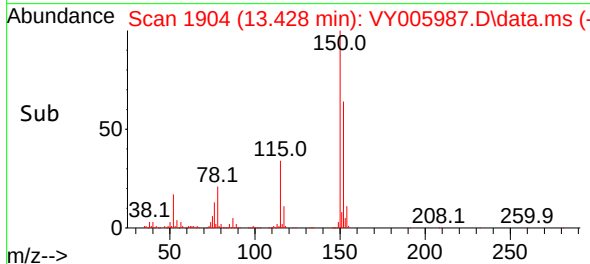
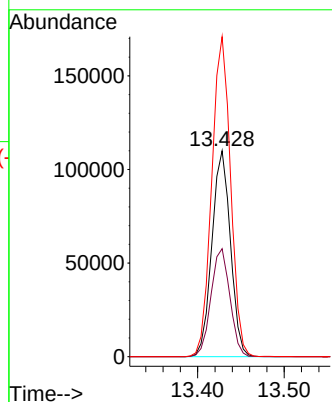
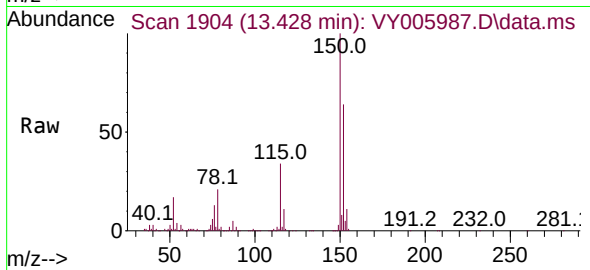




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

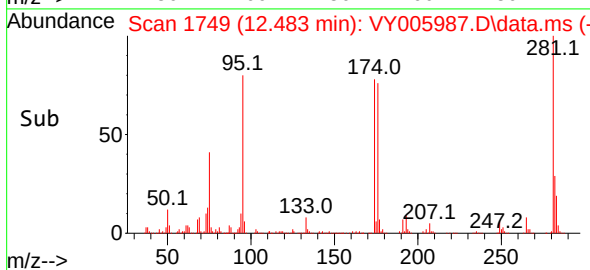
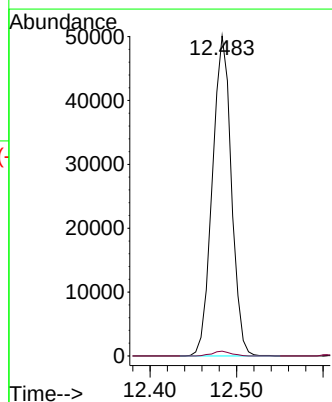
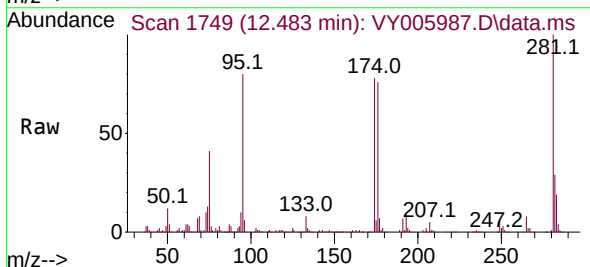
Instrument :
MSVOA_Y
ClientSampled :

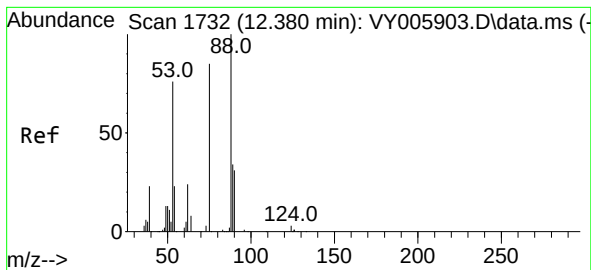
Tgt Ion:152 Resp: 163503
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 157.7 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 49.921 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005987.D
Acq: 10 Sep 2021 16:53

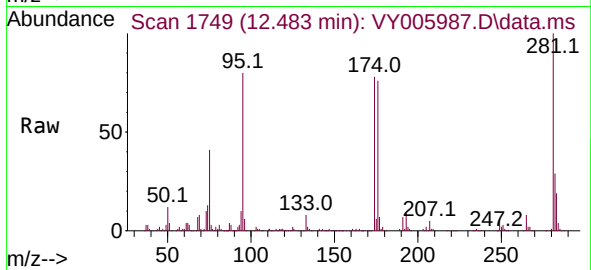
Tgt Ion: 75 Resp: 76396
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.939 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005987.D
 Acq: 10 Sep 2021 16:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.8	107.8#
89	1.3	35.8	53.6#

