

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 :
 A006015

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%

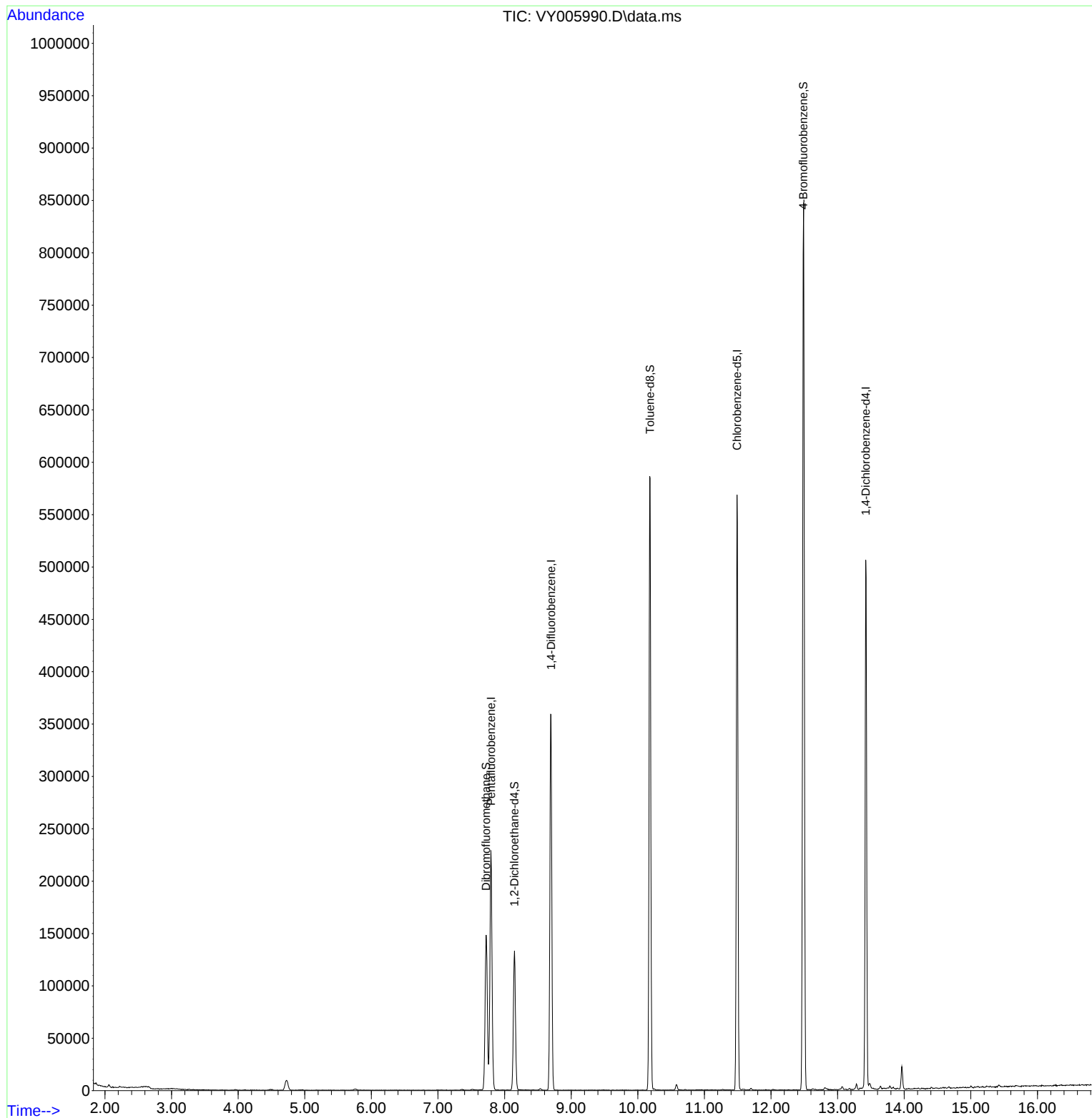
Target Compounds	Qvalue

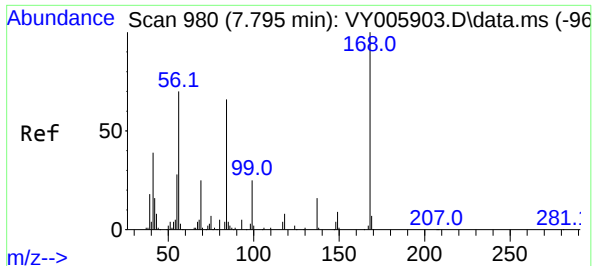
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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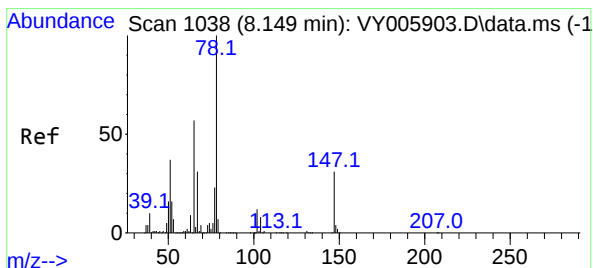
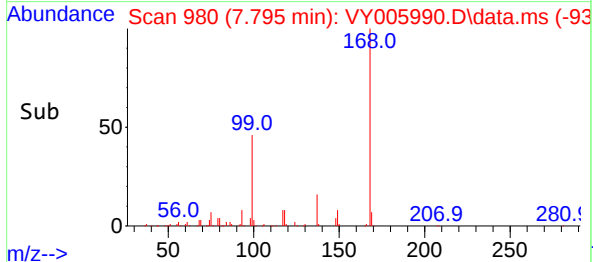
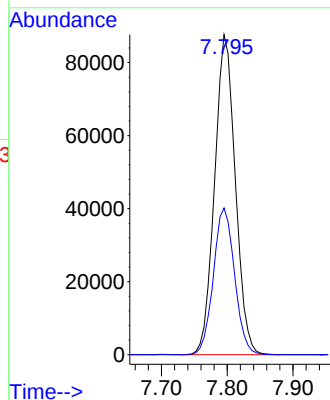
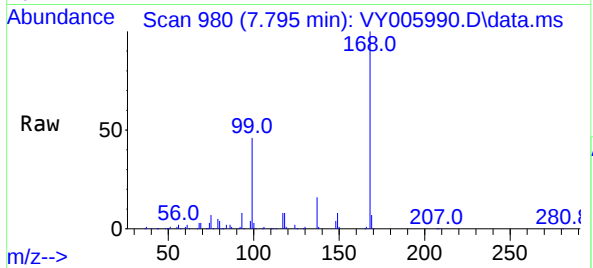




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

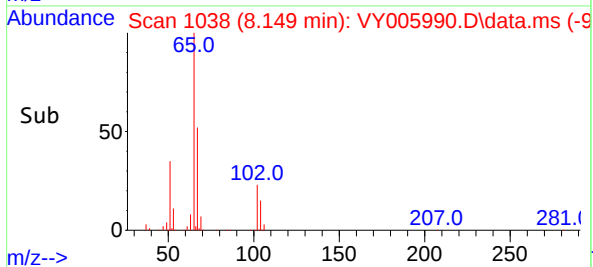
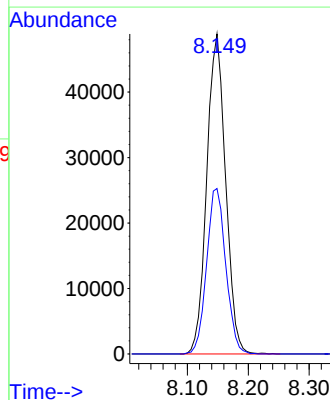
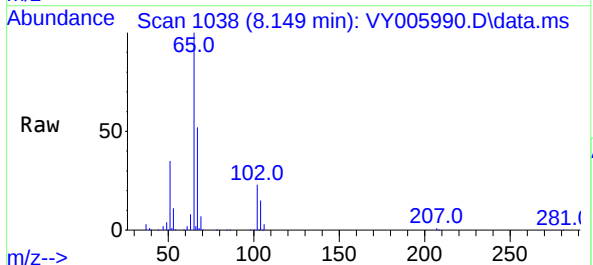
Instrument :
MSVOA_Y
ClientSampleId :
A006015

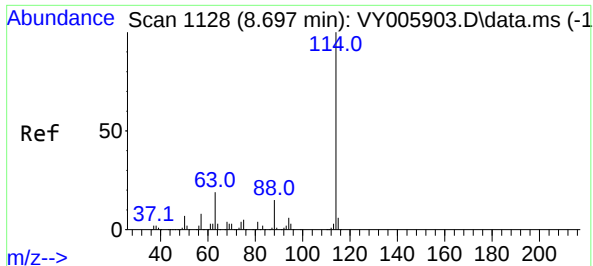
Tgt Ion:168 Resp: 192162
Ion Ratio Lower Upper
168 100
99 45.8 40.6 60.8



#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

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



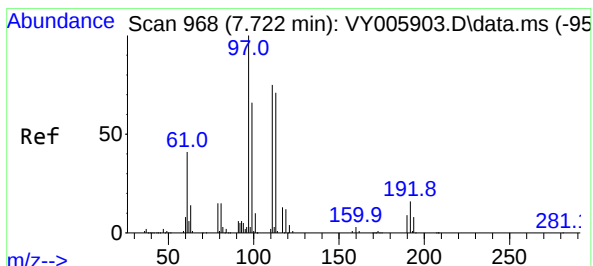
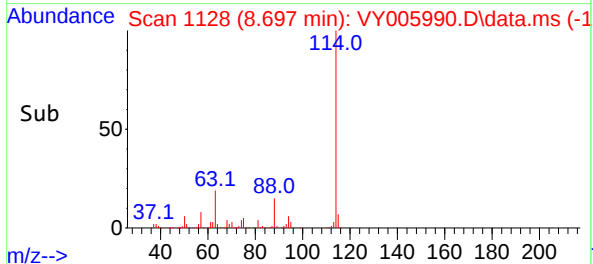
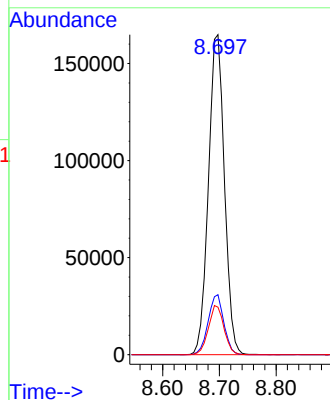
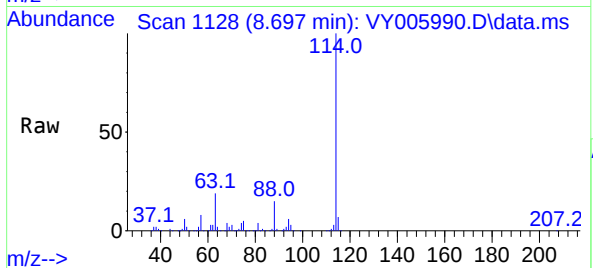


#34

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

Instrument :
MSVOA_Y
ClientSampleId :
A006015

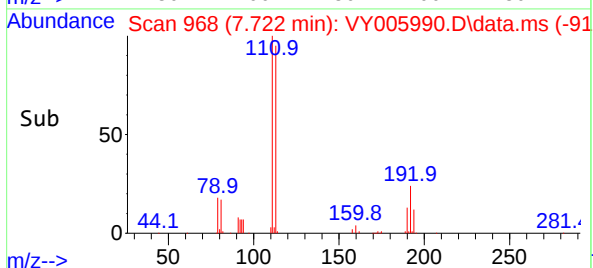
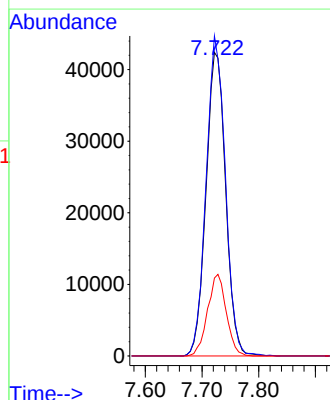
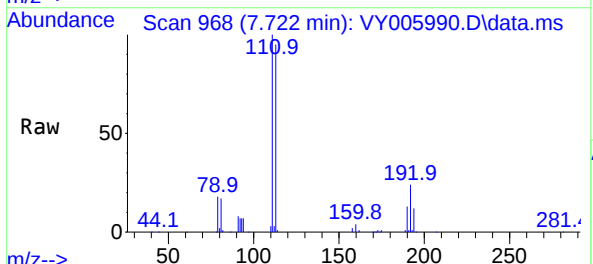
Tgt Ion:114 Resp: 322854
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.4
88 14.9 0.0 30.0

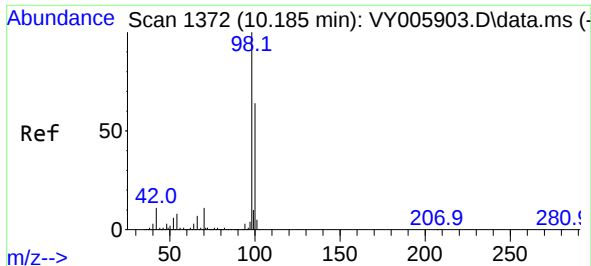


#35

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

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

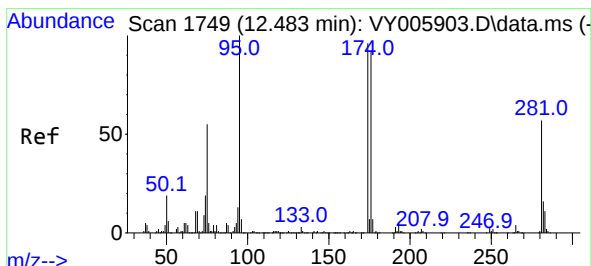
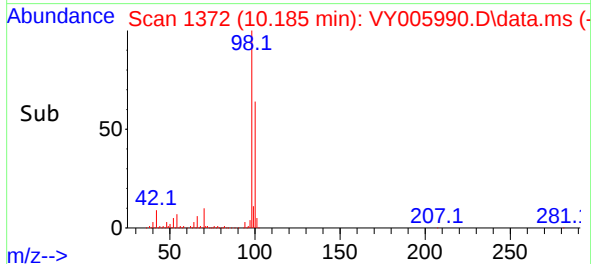
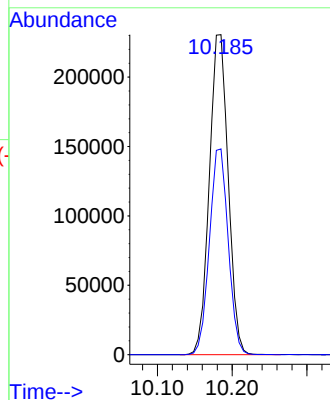
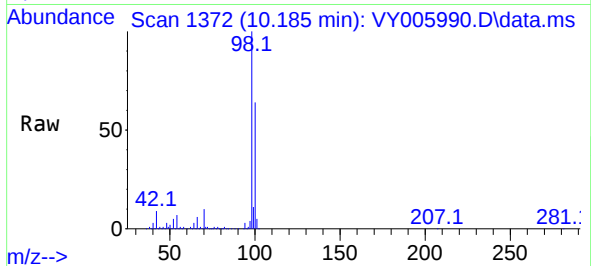




#50
Toluene-d8
Concen: 53.148 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

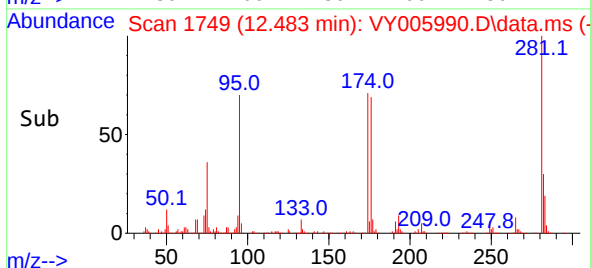
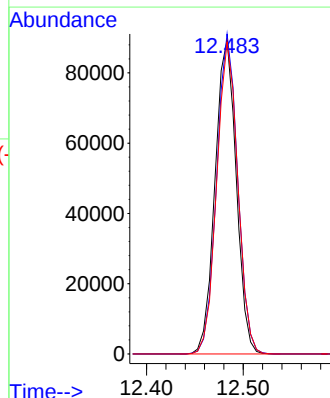
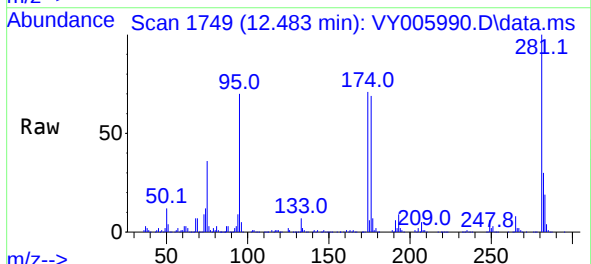
Instrument :
MSVOA_Y
ClientSampleId :
A006015

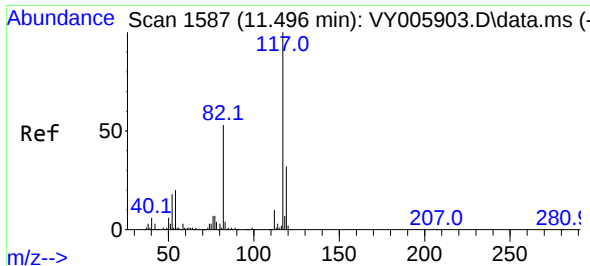
Tgt Ion: 98 Resp: 404427
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#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

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

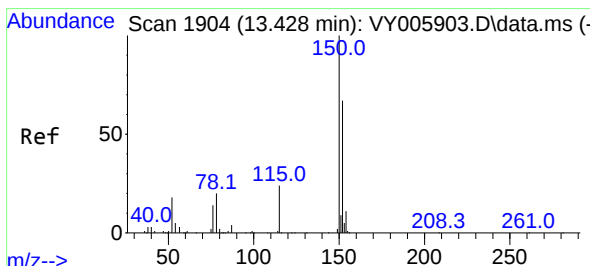
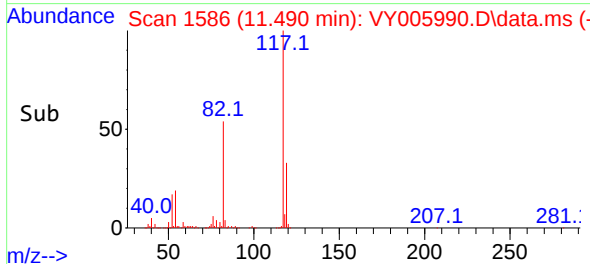
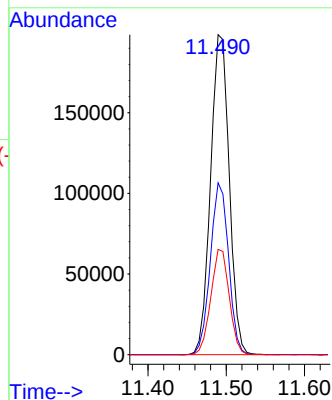
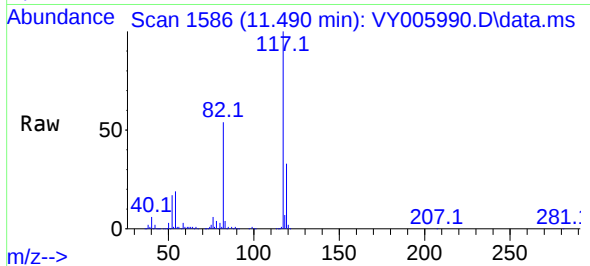




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005990.D
Acq: 10 Sep 2021 18:03

Instrument :
MSVOA_Y
ClientSampleId :
A006015

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

