

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005950.D
 Acq On : 07 Sep 2021 17:34
 Operator : SY/MD
 Sample : M3657-02
 Misc : 6.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TFI-358

Quant Time: Sep 08 02:14:40 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	188211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	319745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	293498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150981	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105695	55.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.460%
35) Dibromofluoromethane	7.722	113	96364	53.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.320%
50) Toluene-d8	10.185	98	358850	47.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.483	95	130224	51.462	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.920%

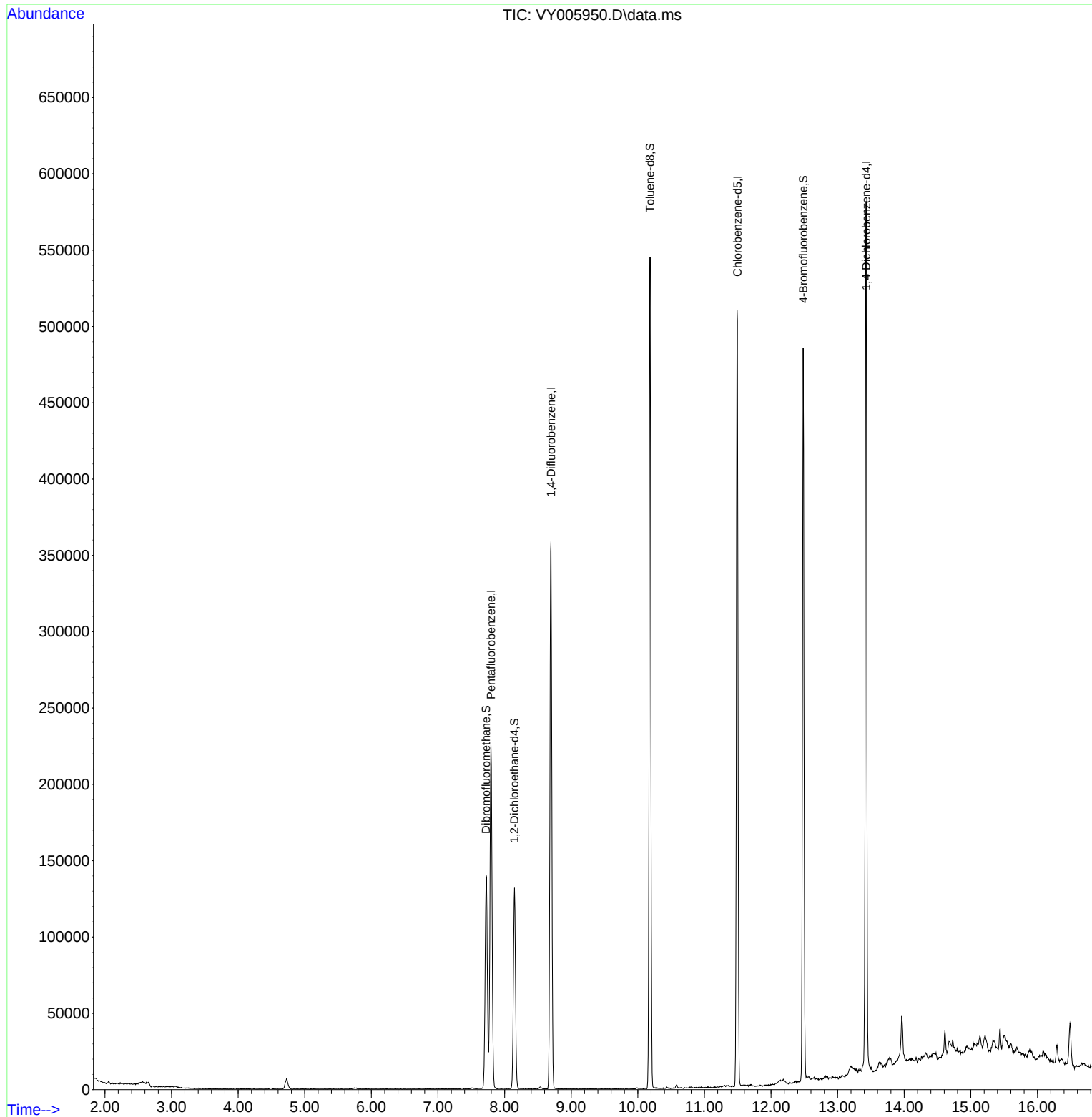
Target Compounds	Qvalue

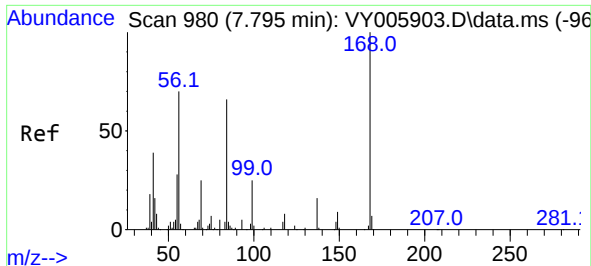
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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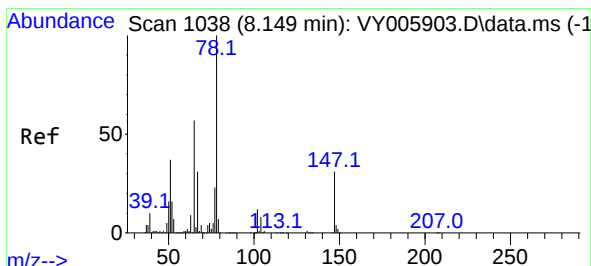
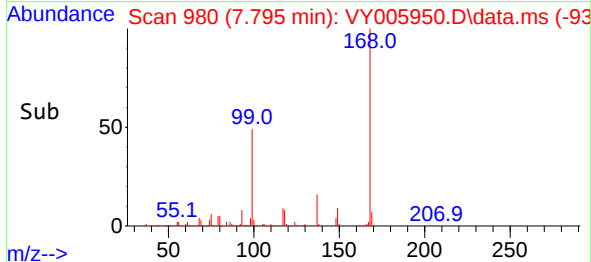
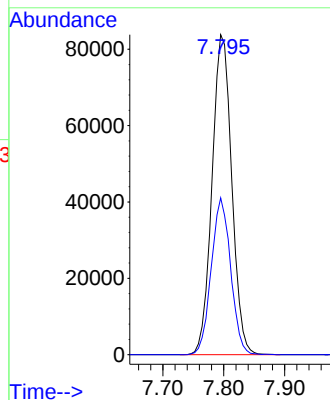
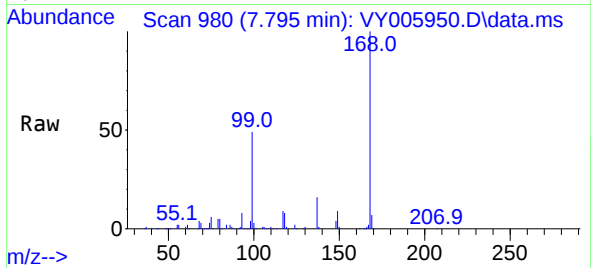




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

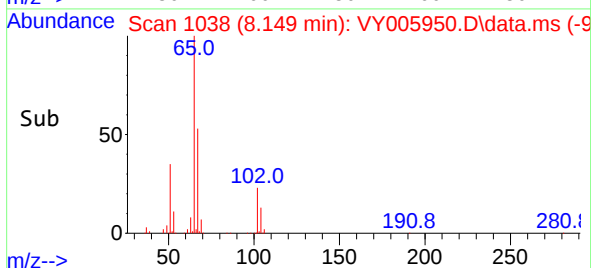
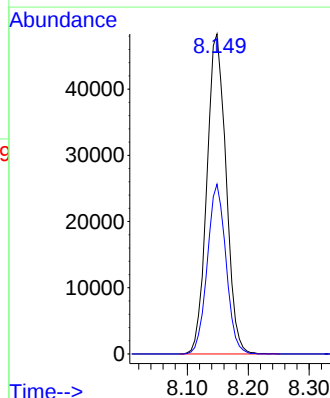
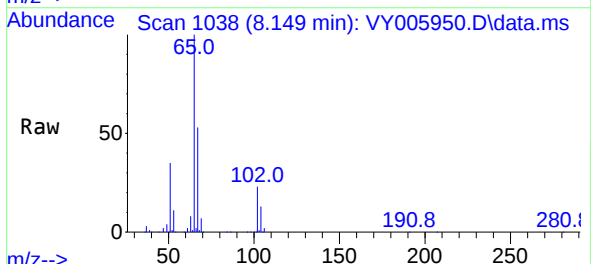
Instrument :
MSVOA_Y
ClientSampleId :
TFI-358

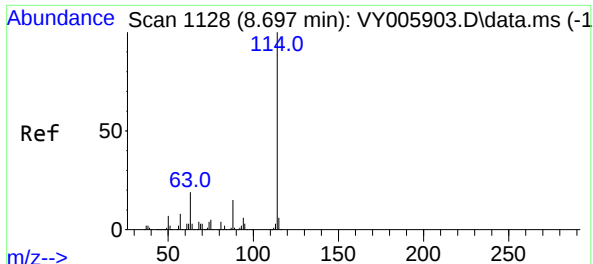
Tgt Ion:168 Resp: 188211
Ion Ratio Lower Upper
168 100
99 49.0 40.6 60.8



#33
1,2-Dichloroethane-d4
Concen: 55.727 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

Tgt Ion: 65 Resp: 105695
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4



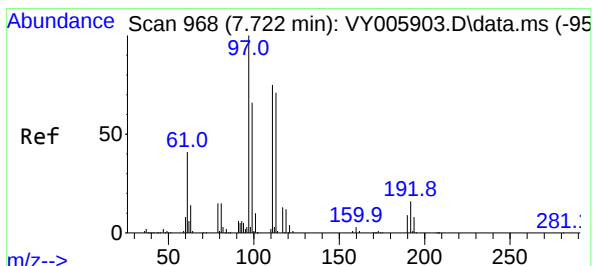
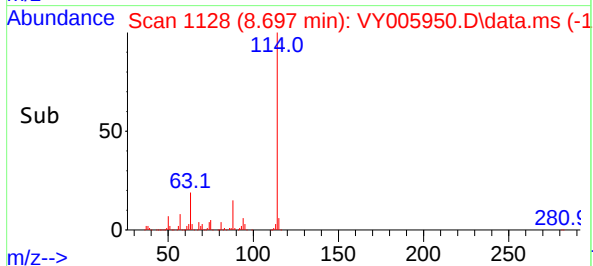
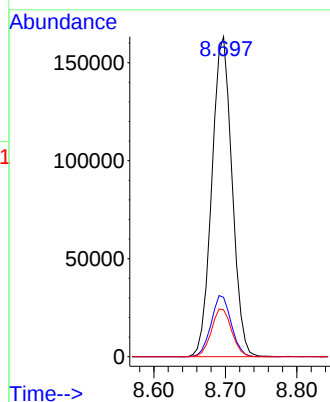
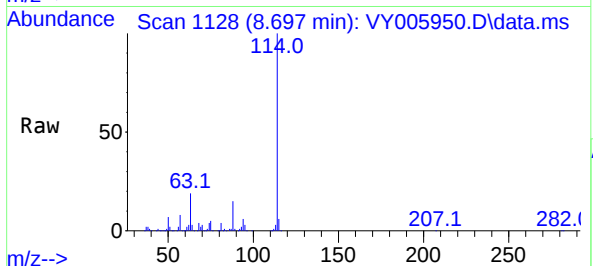


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

Instrument :
MSVOA_Y
ClientSampleId :
TFI-358

Tgt Ion:114 Resp: 319745

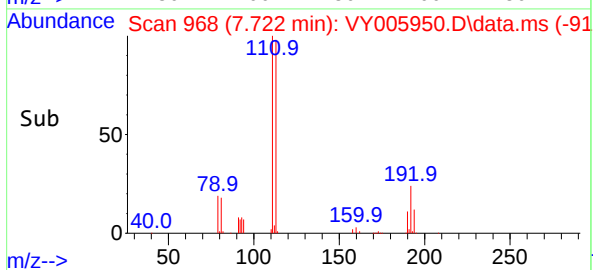
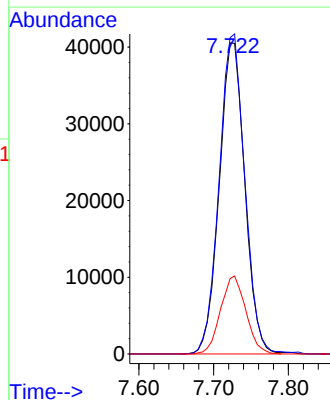
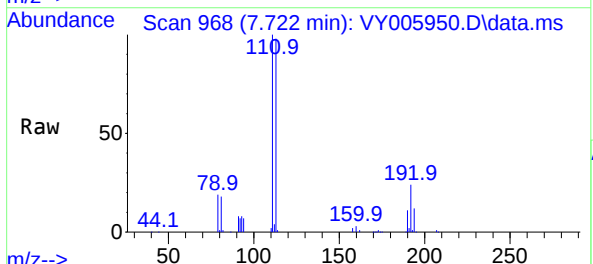
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.4
88	14.6	0.0	30.0

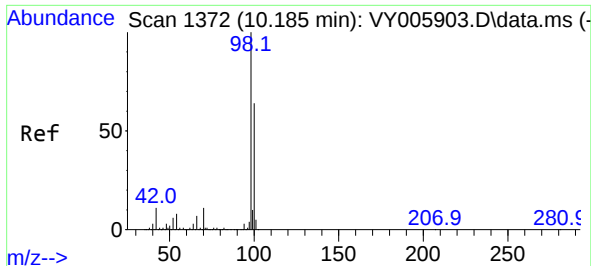


#35
Dibromofluoromethane
Concen: 53.664 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

Tgt Ion:113 Resp: 96364

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	24.8	19.4	29.0

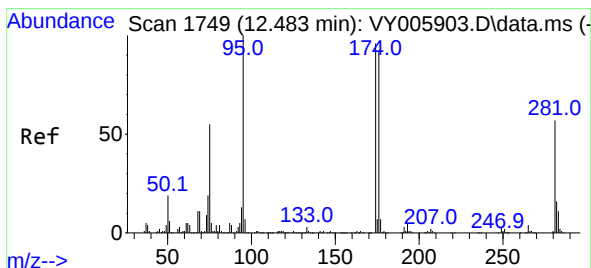
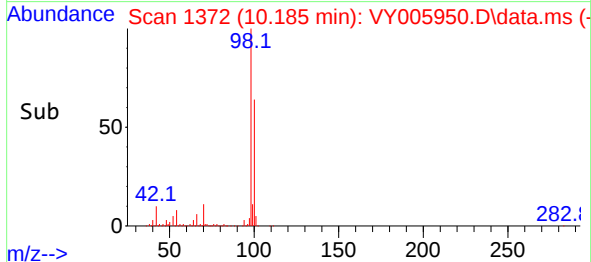
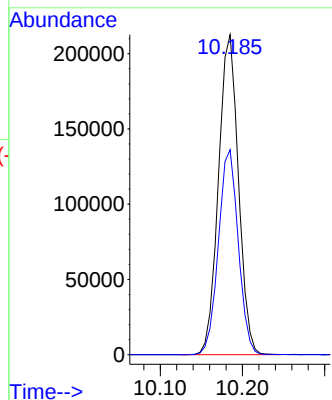
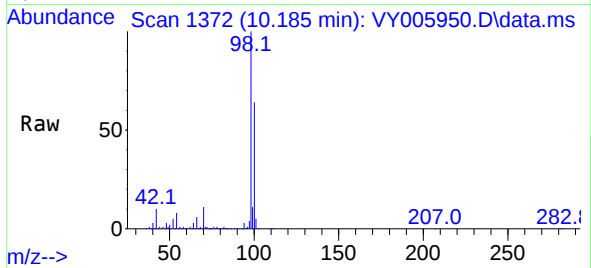




#50
Toluene-d8
Concen: 47.617 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

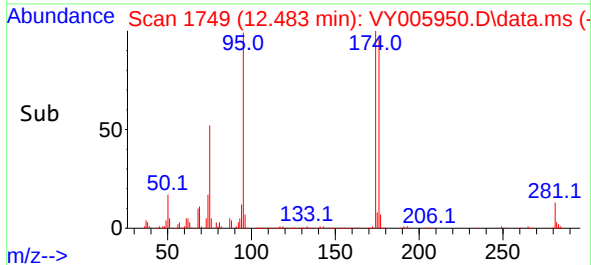
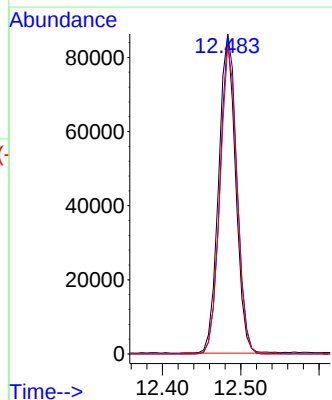
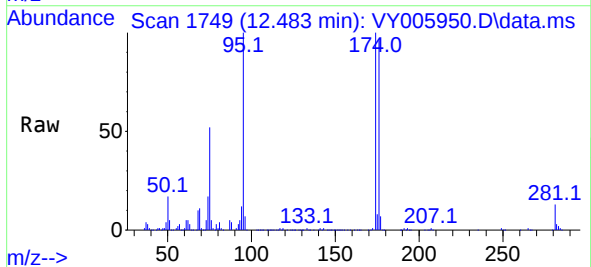
Instrument :
MSVOA_Y
ClientSampleId :
TFI-358

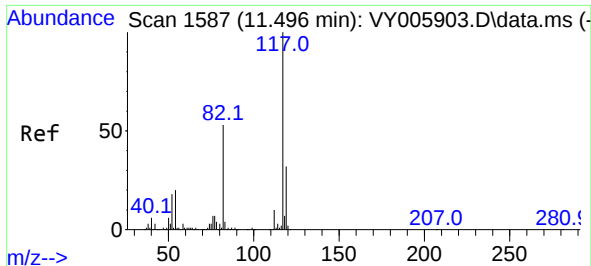
Tgt Ion: 98 Resp: 358850
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.462 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

Tgt Ion: 95 Resp: 130224
Ion Ratio Lower Upper
95 100
174 99.4 0.0 192.4
176 95.9 0.0 186.8

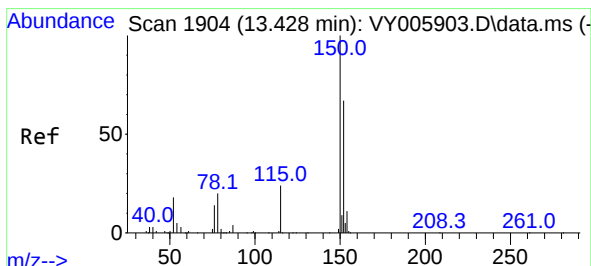
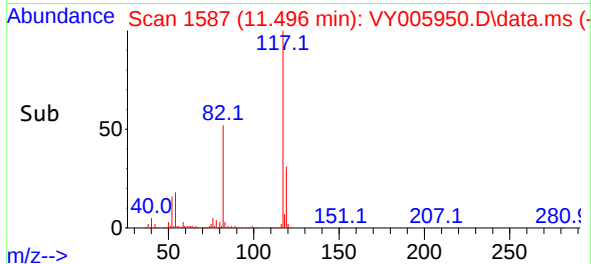
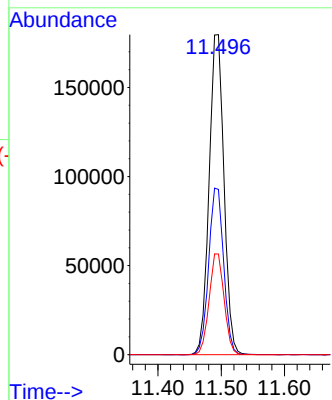
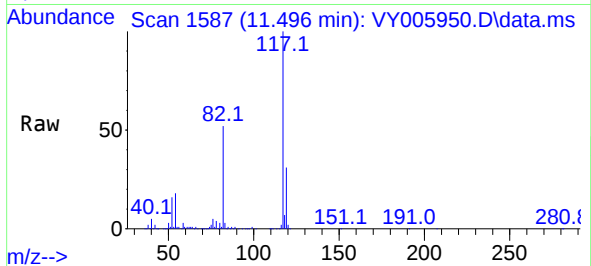




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005950.D
Acq: 07 Sep 2021 17:34

Instrument :
MSVOA_Y
ClientSampleId :
TFI-358

Tgt Ion:	117	Resp:	293498
Ion Ratio	Lower	Upper	
117	100		
82	51.7	42.4	63.6
119	31.4	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: VY005950.D
Acq: 07 Sep 2021 17:34

Tgt Ion:	152	Resp:	150981
Ion Ratio	Lower	Upper	
152	100		
115	53.8	26.8	80.4
150	157.6	0.0	345.6

