

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090821\
 Data File : VY005960.D
 Acq On : 08 Sep 2021 12:37
 Operator : SY/MD
 Sample : M3658-03
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-251607

Quant Time: Sep 09 04:53:02 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	143906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	231489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	232623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116099	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72032	49.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.340%
35) Dibromofluoromethane	7.728	113	69264	53.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.560%
50) Toluene-d8	10.185	98	287400	52.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.483	95	100793	55.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.040%

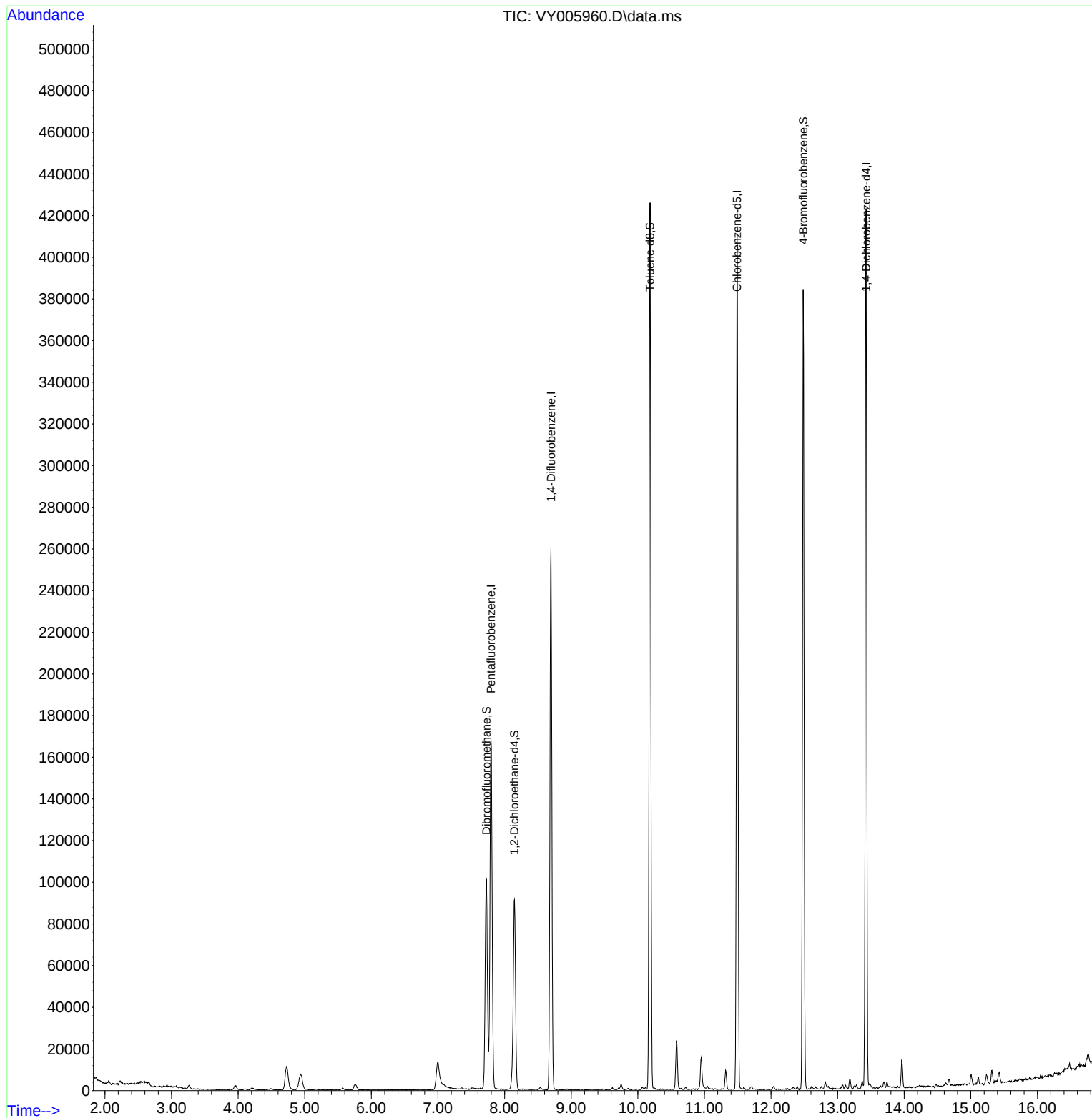
Target Compounds	Qvalue

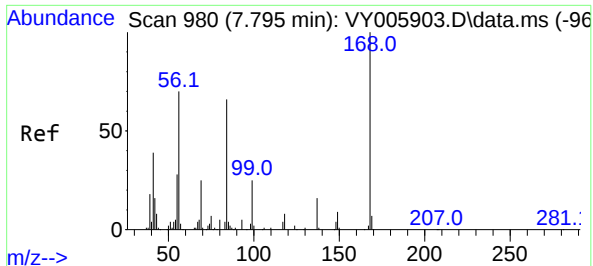
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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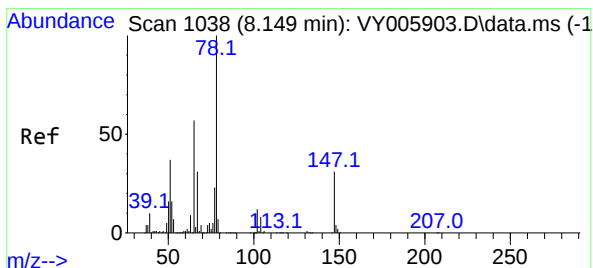
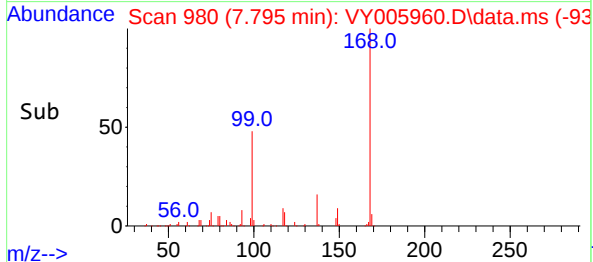
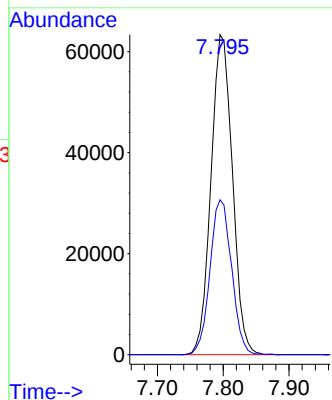
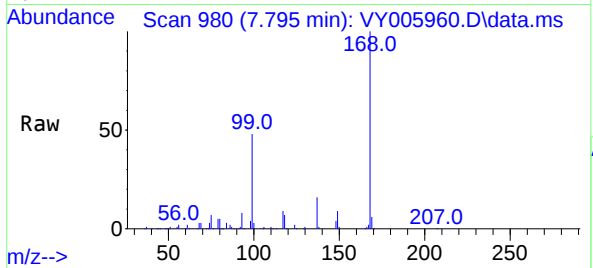




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005960.D
Acq: 08 Sep 2021 12:37

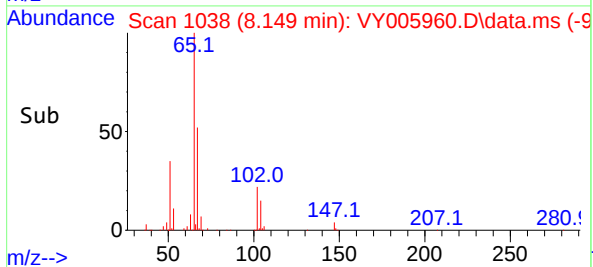
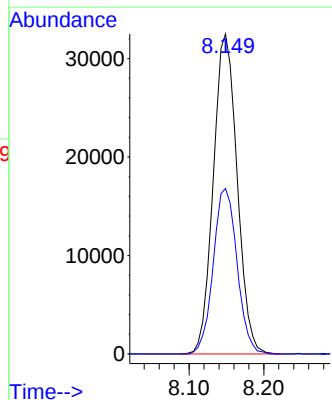
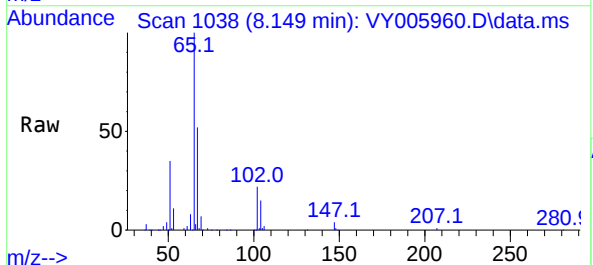
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251607

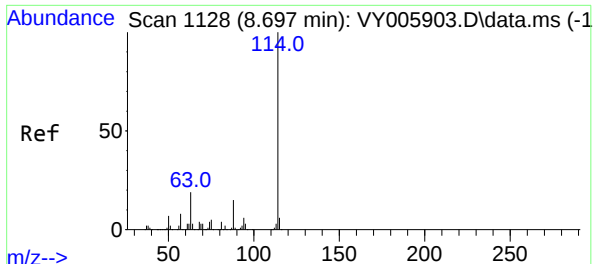
Tgt Ion:168 Resp: 143906
Ion Ratio Lower Upper
168 100
99 48.4 40.6 60.8



#33
1,2-Dichloroethane-d4
Concen: 49.671 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005960.D
Acq: 08 Sep 2021 12:37

Tgt Ion: 65 Resp: 72032
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4



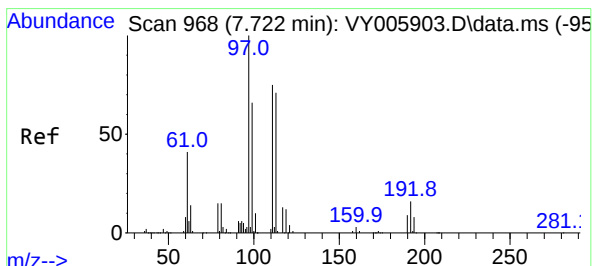
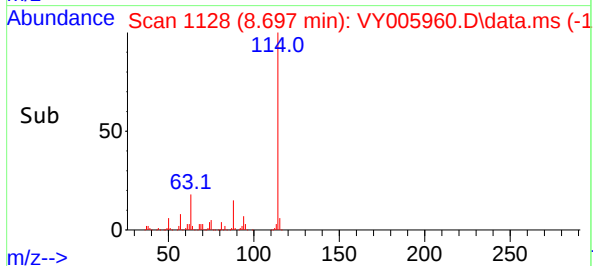
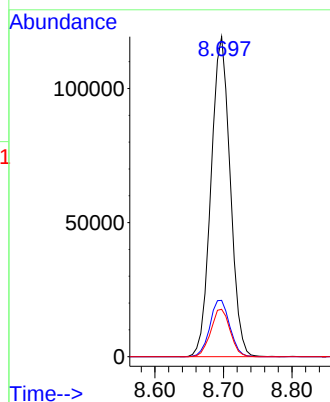
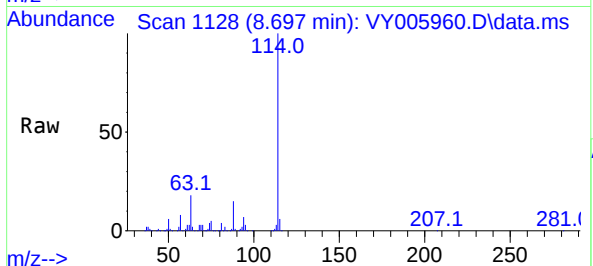


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005960.D
Acq: 08 Sep 2021 12:37

Instrument :
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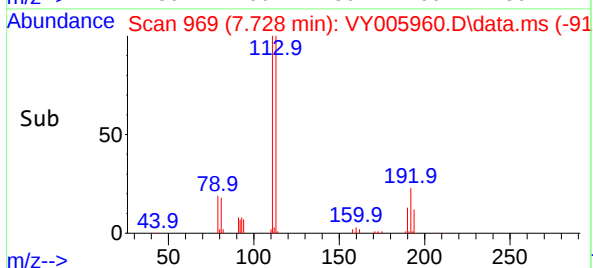
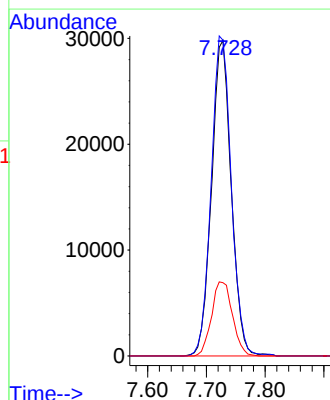
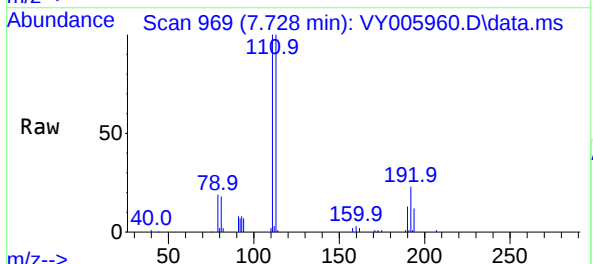
Tgt Ion:	114	Resp:	231489
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	38.4
88	14.8	0.0	30.0

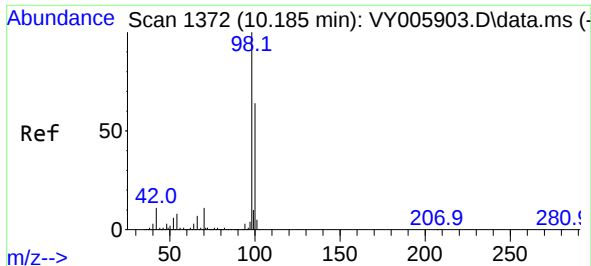


#35

Dibromofluoromethane
Concen: 53.279 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005960.D
Acq: 08 Sep 2021 12:37

Tgt Ion:	113	Resp:	69264
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	24.9	19.4	29.0

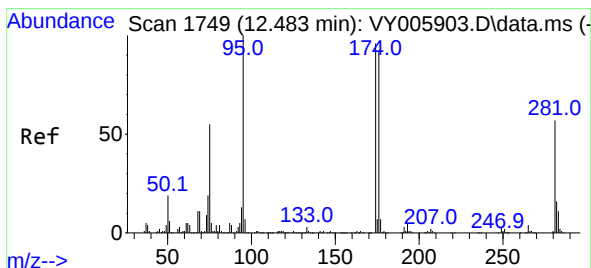
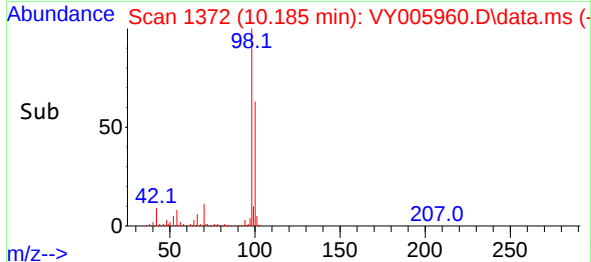
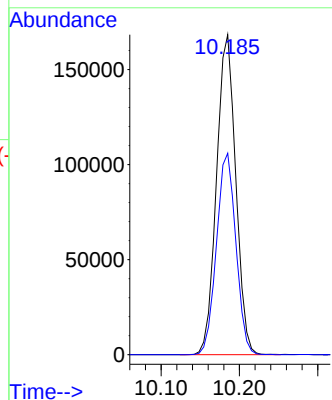
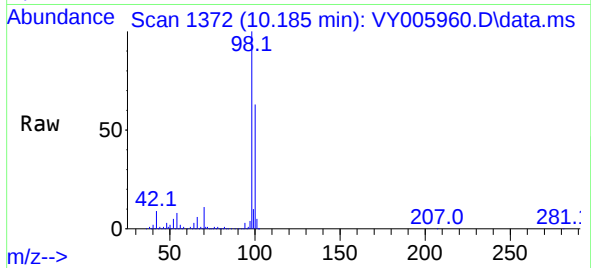




#50
Toluene-d8
Concen: 52.676 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005960.D
Acq: 08 Sep 2021 12:37

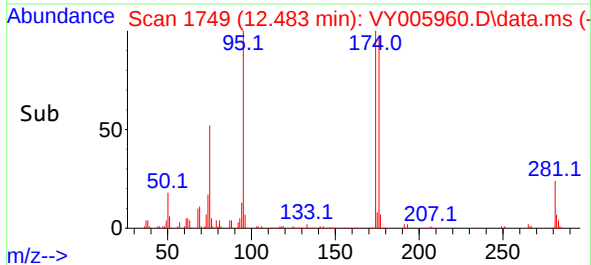
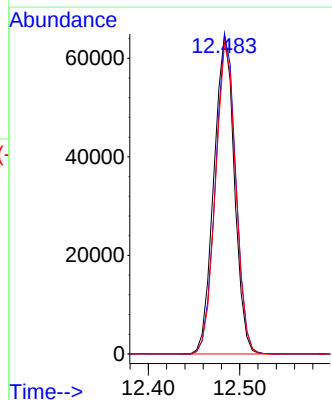
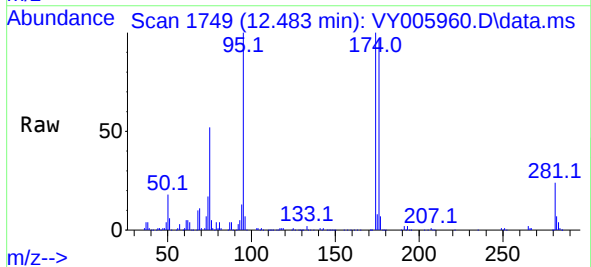
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251607

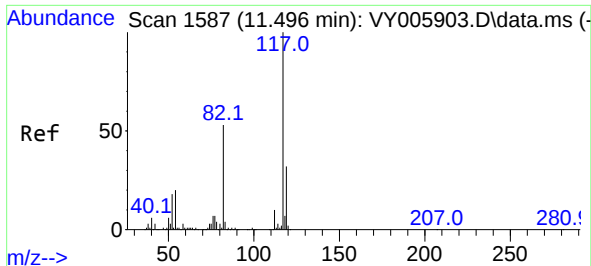
Tgt Ion: 98 Resp: 287400
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 55.017 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005960.D
Acq: 08 Sep 2021 12:37

Tgt Ion: 95 Resp: 100793
Ion Ratio Lower Upper
95 100
174 99.1 0.0 192.4
176 96.2 0.0 186.8

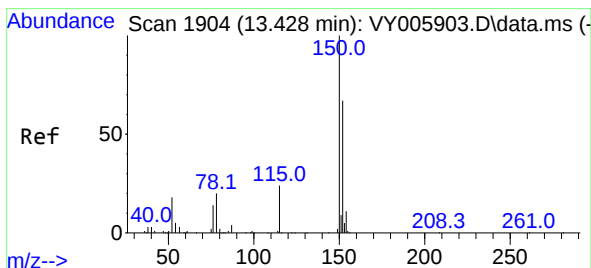
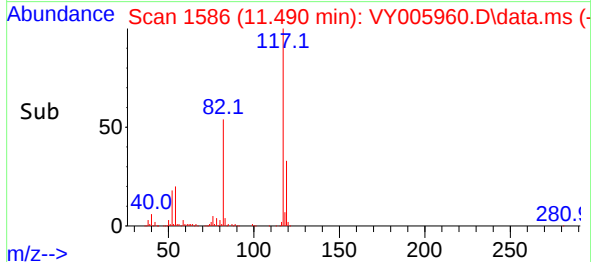
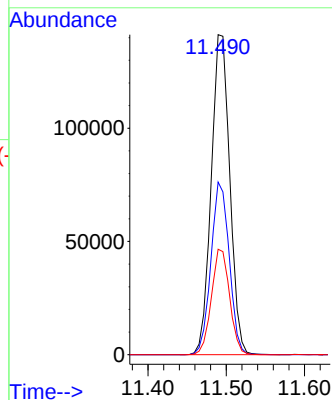
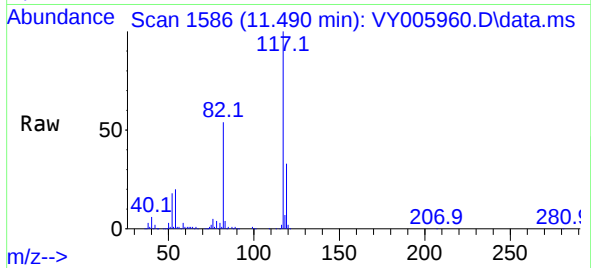




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005960.D
Acq: 08 Sep 2021 12:37

Instrument :
MSVOA_Y
ClientSampleId :
RBR-251607

Tgt Ion:117 Resp: 232623
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 32.9 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: VY005960.D
Acq: 08 Sep 2021 12:37

Tgt Ion:152 Resp: 116099
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 156.5 0.0 345.6

