

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003960.D
 Acq On : 03 Feb 2021 15:18
 Operator : SY/MD
 Sample : VY0203SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0203SBL01

Quant Time: Feb 04 01:19:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	105505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	162467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	65242	56.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.48%
35) Dibromofluoromethane	7.728	113	56250	55.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.96%
50) Toluene-d8	10.185	98	210616	52.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.86%
62) 4-Bromofluorobenzene	12.483	95	75934	52.35	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.70%

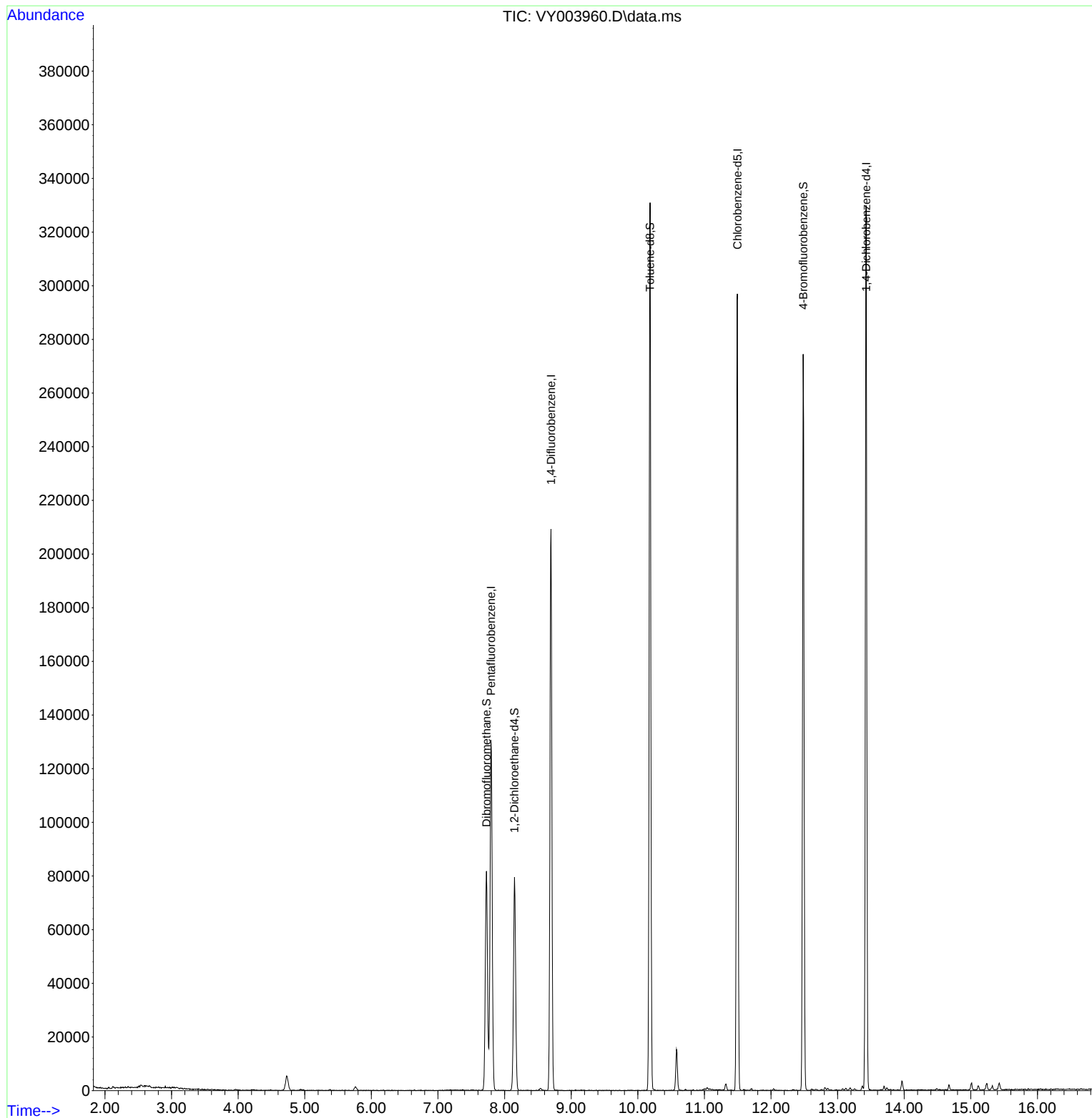
Target Compounds	Qvalue

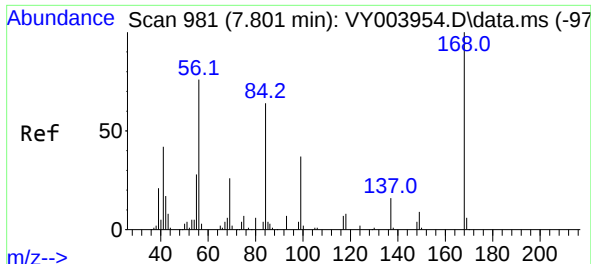
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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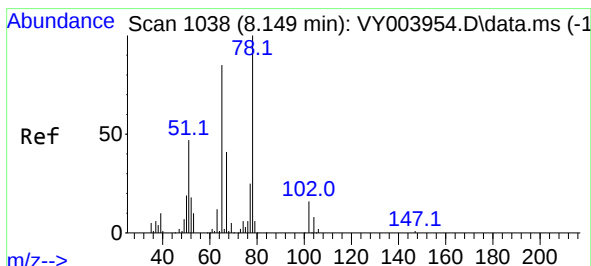
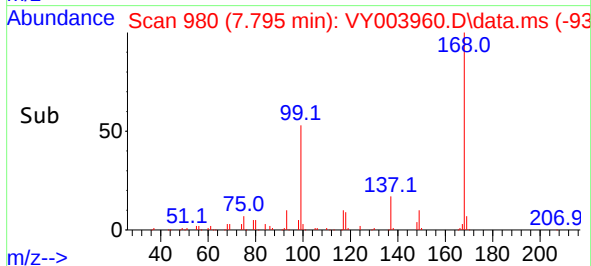
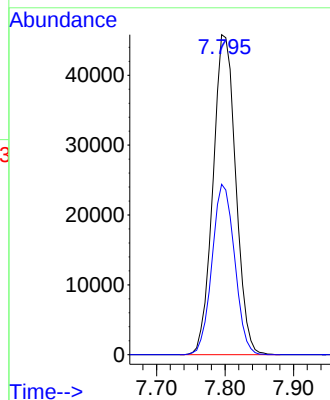
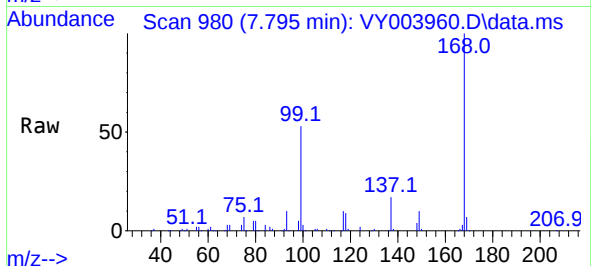




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

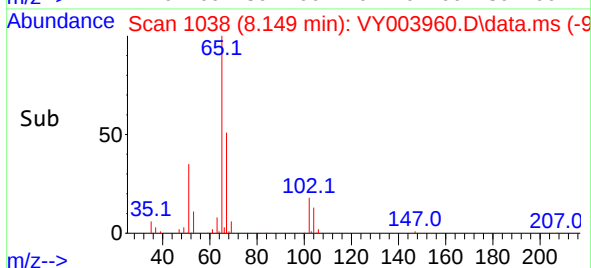
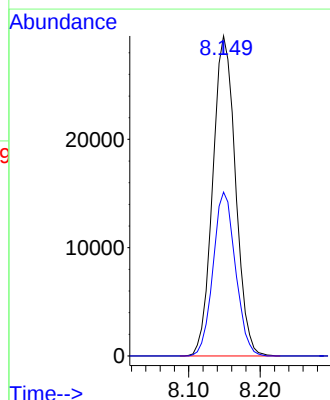
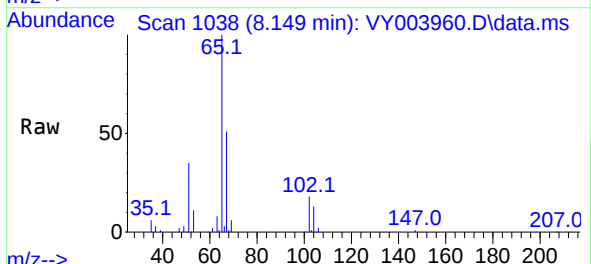
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

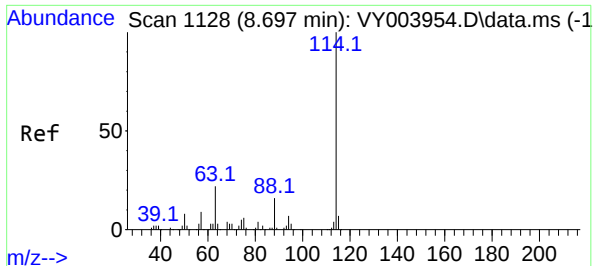
Tgt Ion:168 Resp: 105505
Ion Ratio Lower Upper
168 100
99 53.2 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 56.24 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Tgt Ion: 65 Resp: 65242
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8



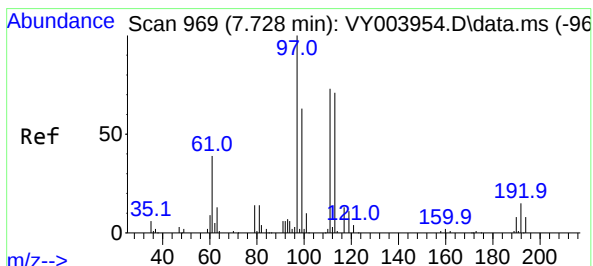
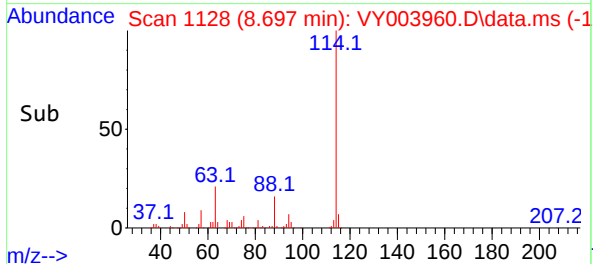
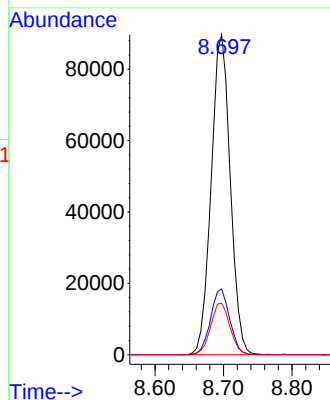
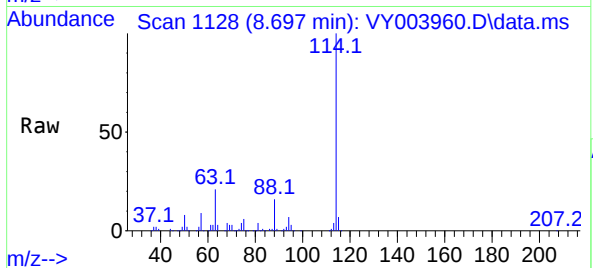


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

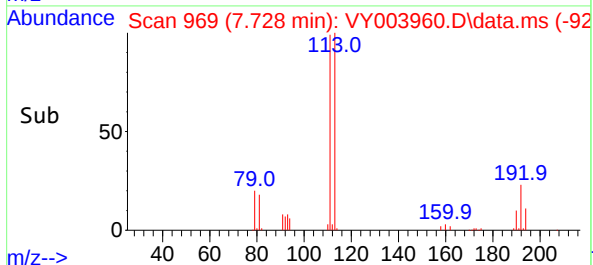
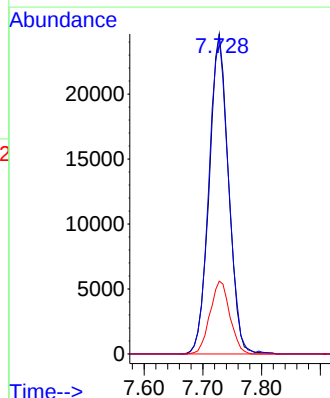
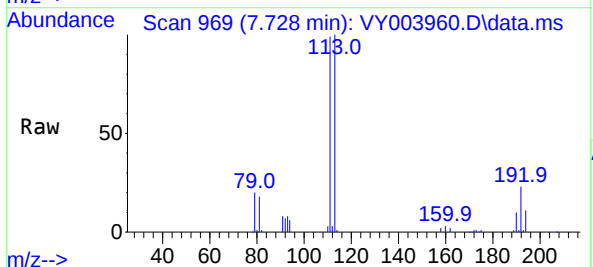
Tgt Ion:	114	Resp:	173418
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	47.2
88	16.1	0.0	30.2

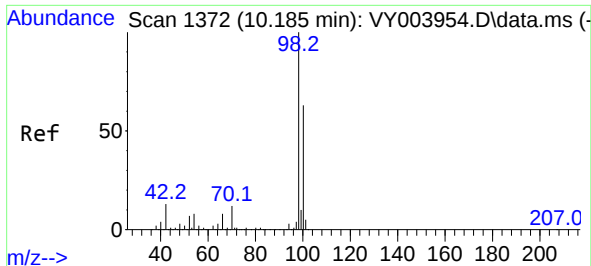


#35

Dibromofluoromethane
Concen: 55.48 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Tgt Ion:	113	Resp:	56250
Ion	Ratio	Lower	Upper
113	100		
111	100.3	82.2	123.4
192	23.3	18.3	27.5

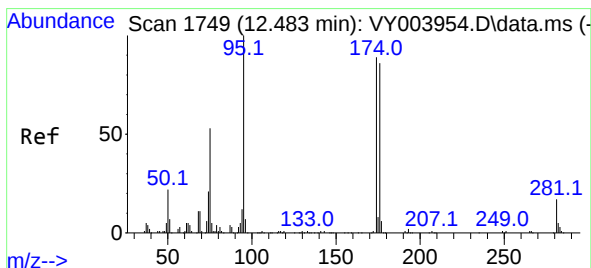
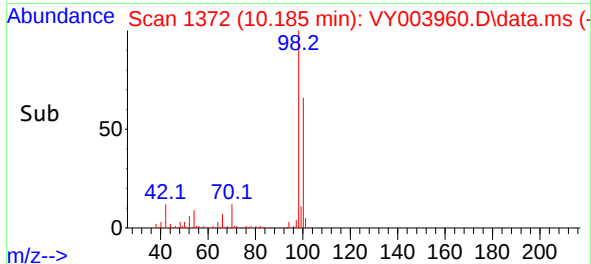
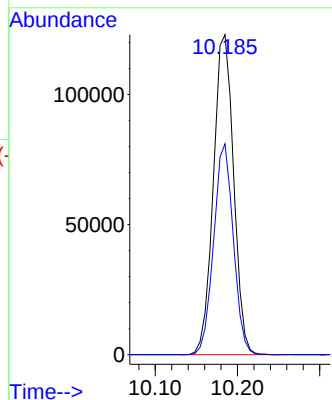
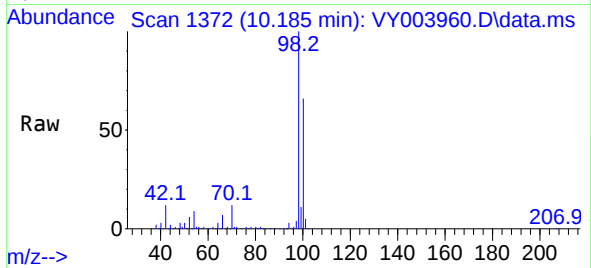




#50
Toluene-d8
Concen: 52.93 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

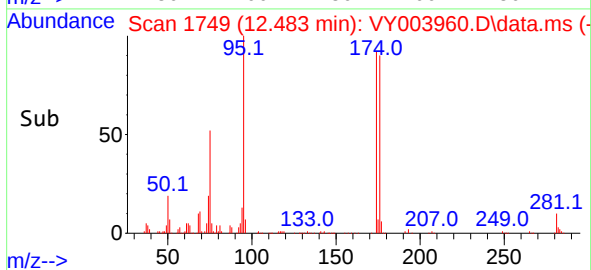
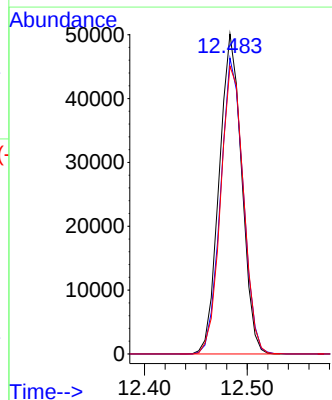
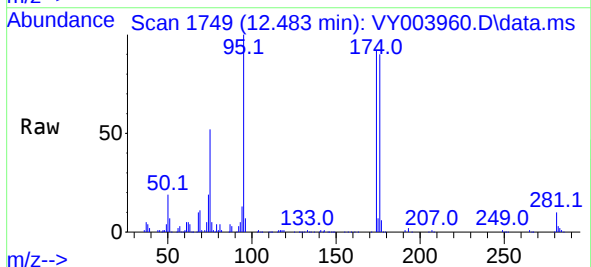
Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

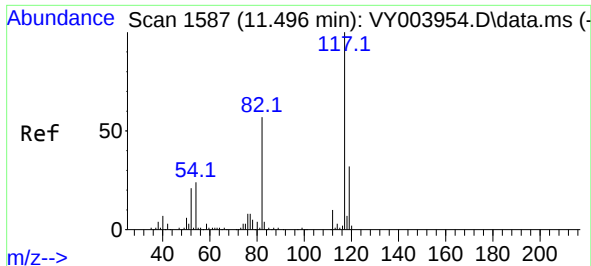
Tgt Ion: 98 Resp: 210616
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Tgt Ion: 95 Resp: 75934
Ion Ratio Lower Upper
95 100
174 92.5 0.0 184.4
176 91.4 0.0 177.2

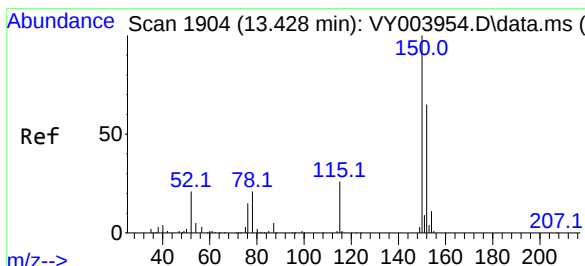
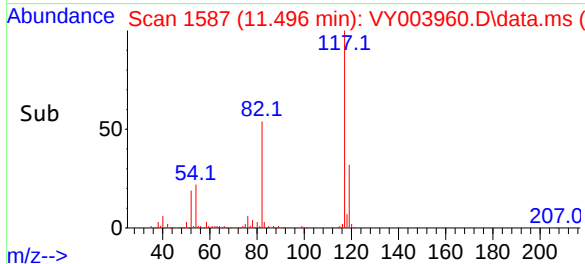
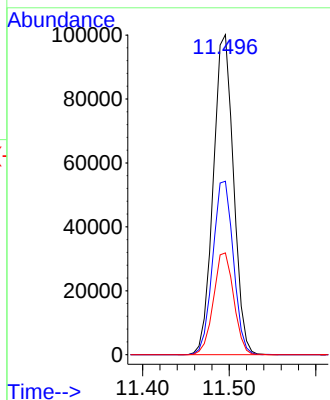
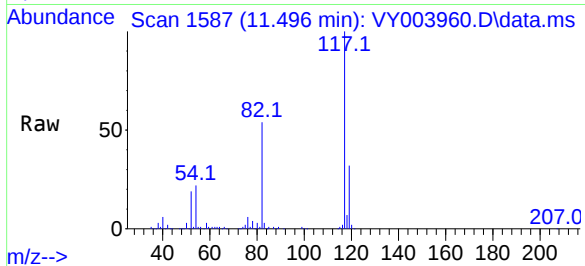




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0203SBL01

Tgt Ion:	117	Resp:	162467
Ion Ratio	Lower	Upper	
117	100		
82	54.2	44.3	66.5
119	31.8	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003960.D
Acq: 03 Feb 2021 15:18

Tgt Ion:	152	Resp:	83876
Ion Ratio	Lower	Upper	
152	100		
115	55.8	28.2	84.6
150	154.6	0.0	356.2

