

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006158.D
 Acq On : 27 Sep 2021 13:16
 Operator : SY/MD
 Sample : M3939-01
 Misc : 5.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-1

Quant Time: Sep 27 18:12:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	112567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	176635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	139730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72705	46.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.000%
35) Dibromofluoromethane	7.728	113	53643	48.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.780%
50) Toluene-d8	10.185	98	213835	45.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.483	95	47015	29.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.220%

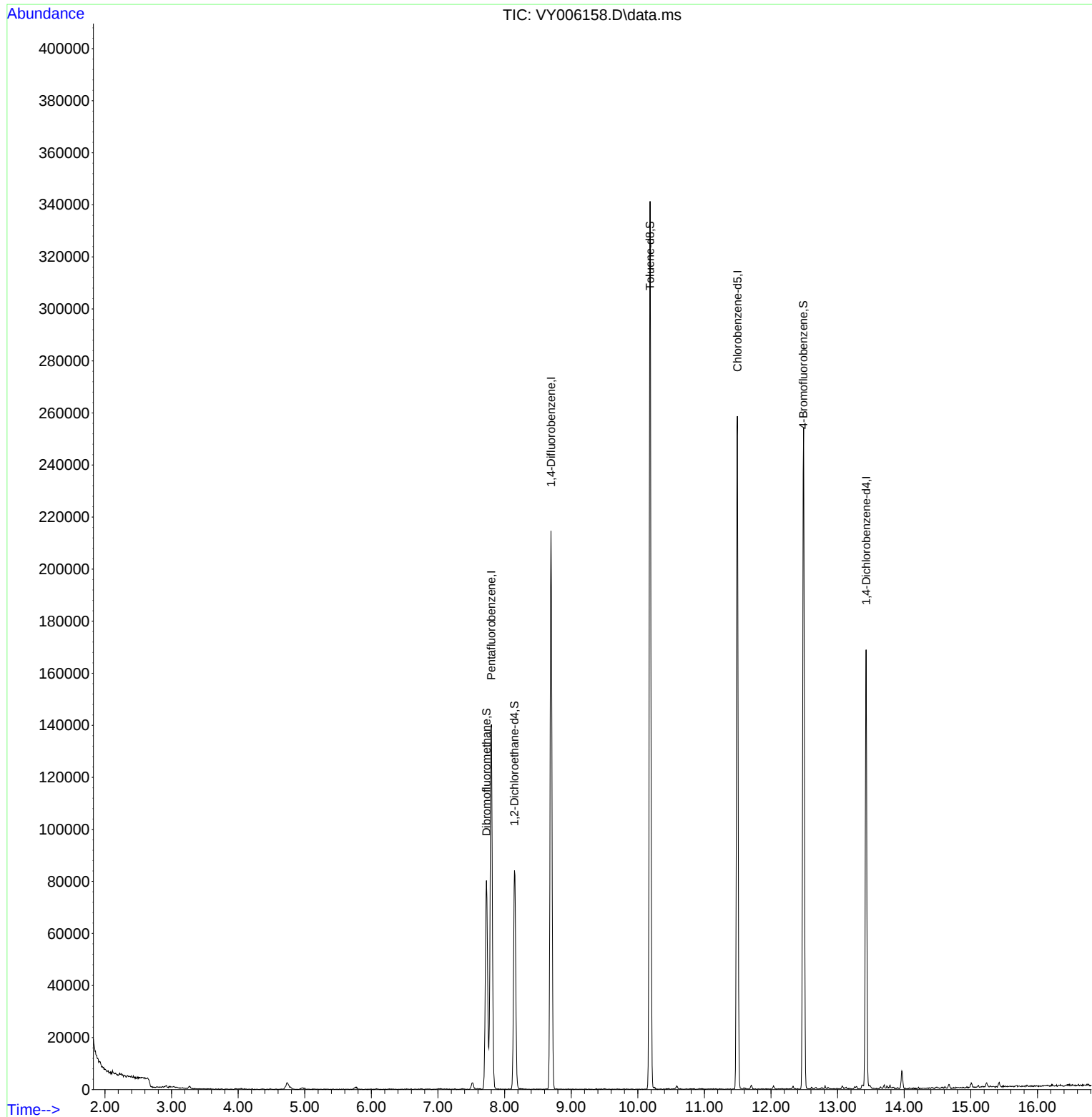
Target Compounds	Qvalue

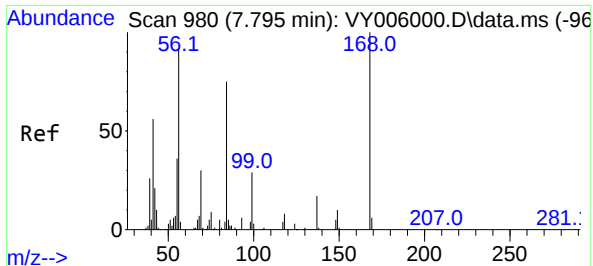
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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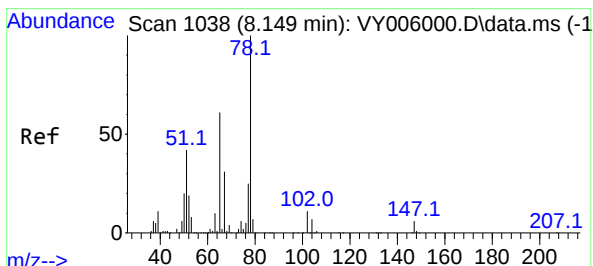
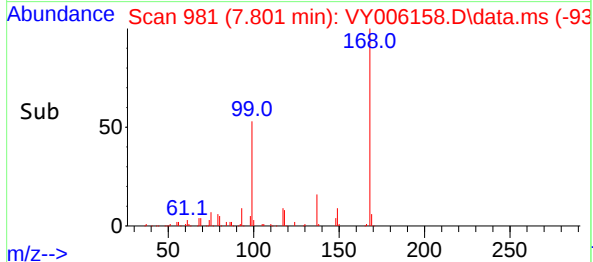
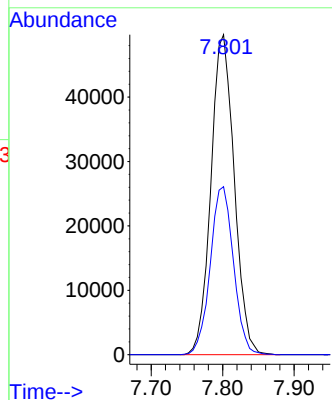
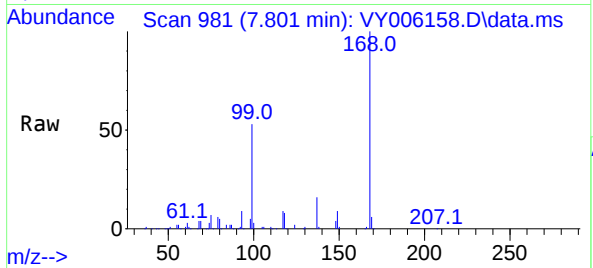




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

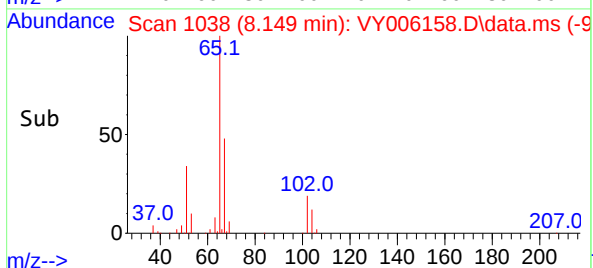
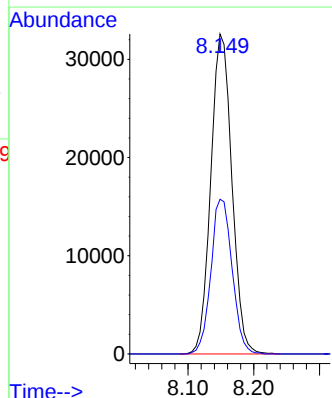
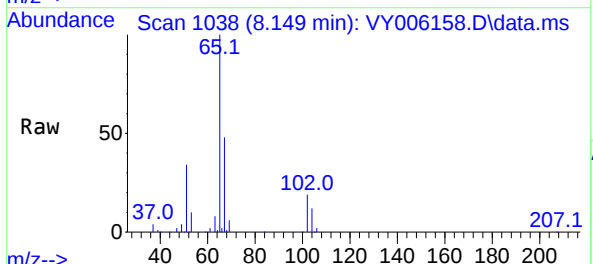
Instrument :
MSVOA_Y
ClientSampled :
TS-1

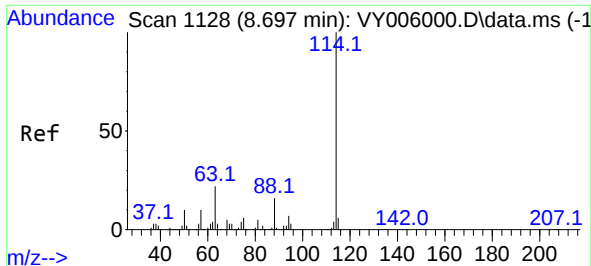
Tgt Ion:168 Resp: 112567
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.498 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion: 65 Resp: 72705
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.4



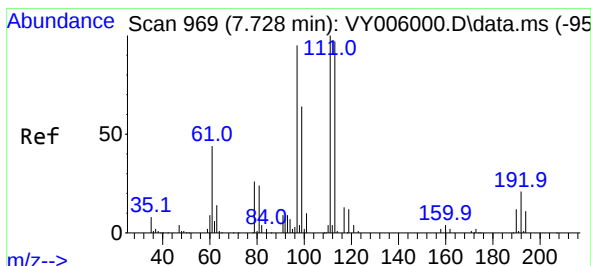
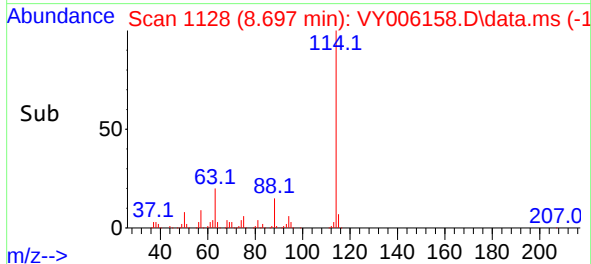
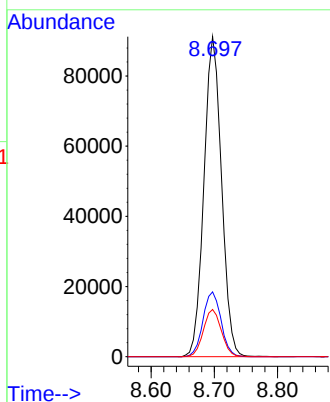
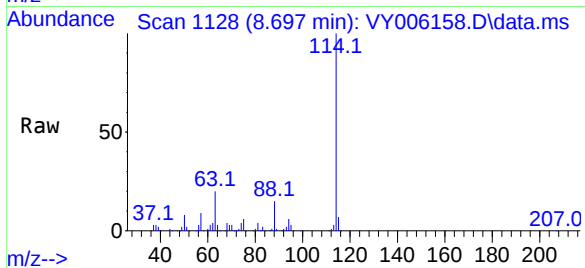


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Instrument :
MSVOA_Y
ClientSampled :
TS-1

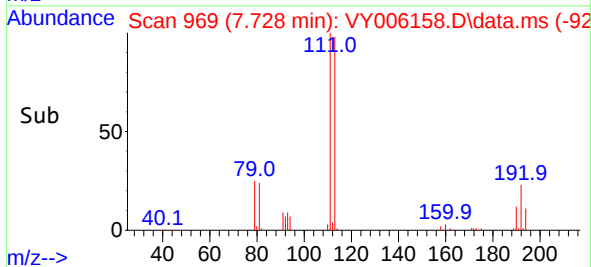
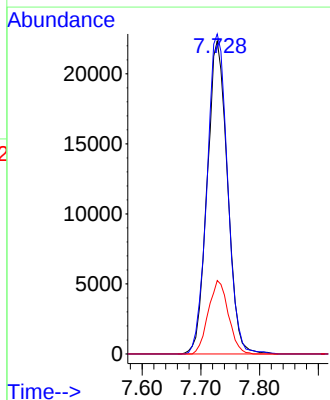
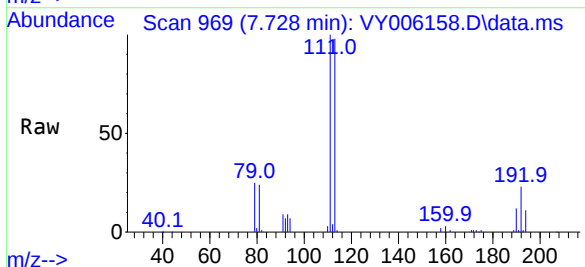
Tgt Ion:	114	Resp:	176635
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.2
88	14.8	0.0	31.8

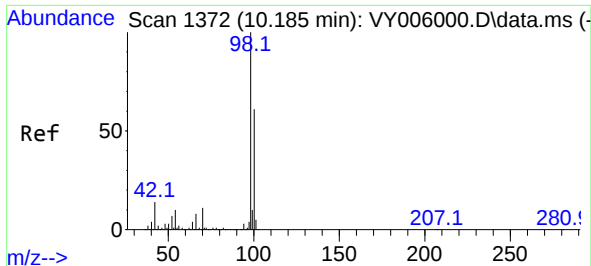


#35

Dibromofluoromethane
Concen: 48.895 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion:	113	Resp:	53643
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	23.1	17.6	26.4

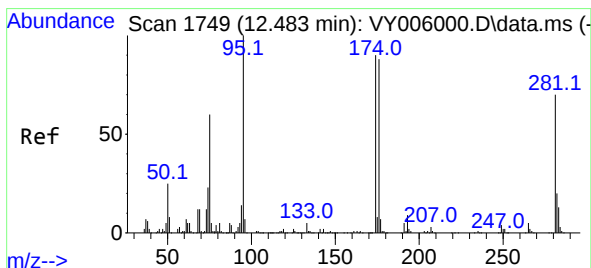
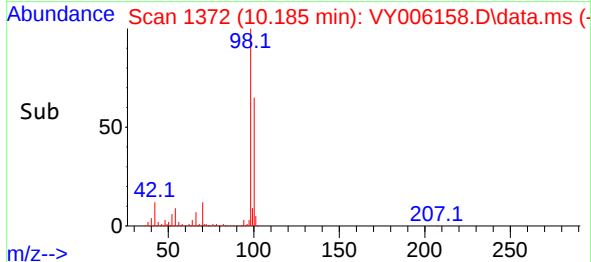
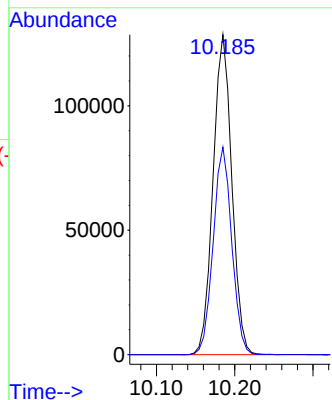
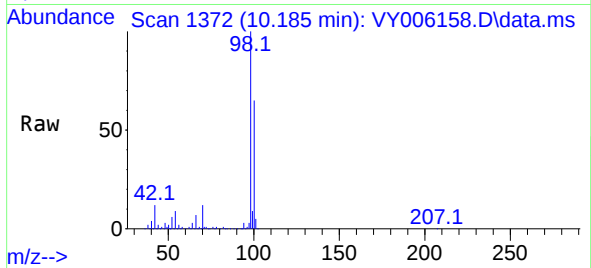




#50
Toluene-d8
Concen: 45.731 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

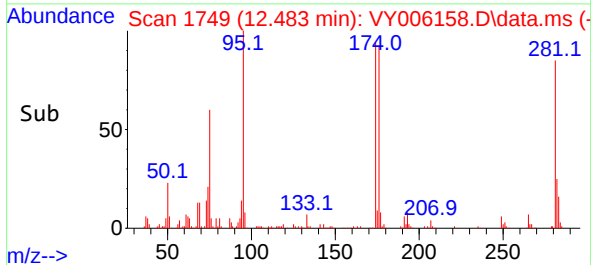
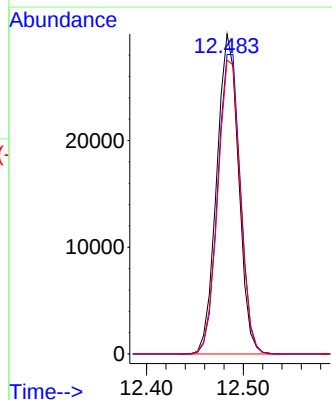
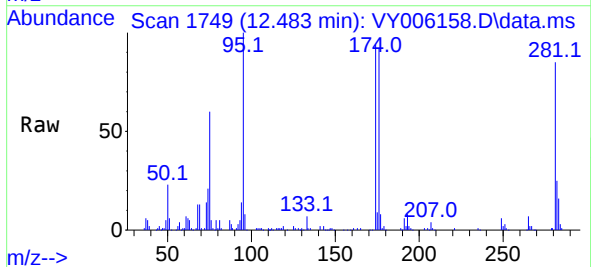
Instrument :
MSVOA_Y
ClientSampled :
TS-1

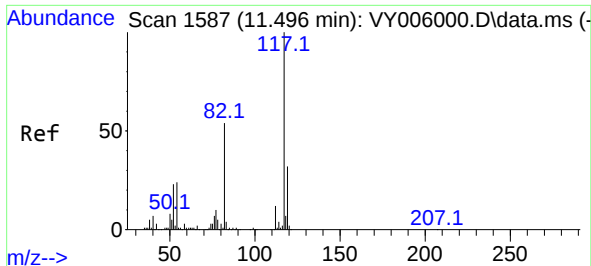
Tgt Ion: 98 Resp: 213835
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion: 95 Resp: 47015
Ion Ratio Lower Upper
95 100
174 96.7 0.0 177.0
176 94.3 0.0 175.8

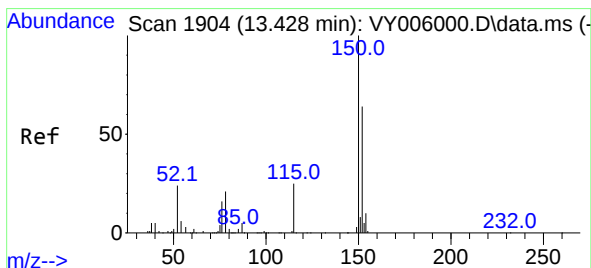
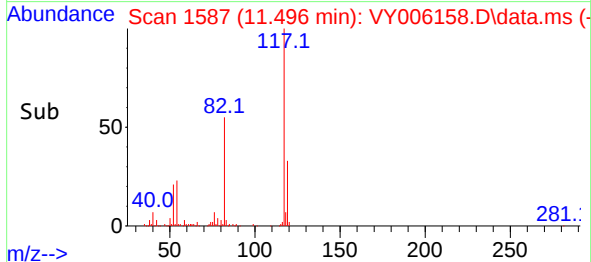
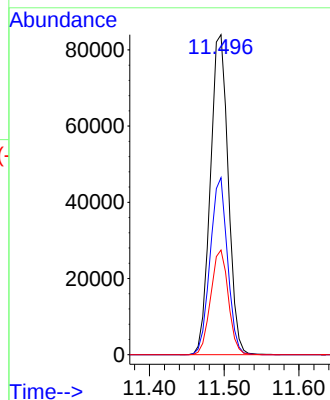
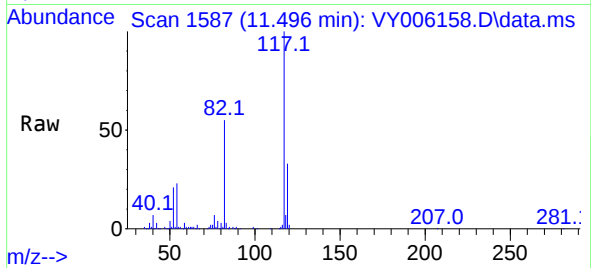




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006158.D
Acq: 27 Sep 2021 13:16

Instrument :
MSVOA_Y
ClientSampled :
TS-1

Tgt Ion:117 Resp: 139730
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.7 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: VY006158.D
Acq: 27 Sep 2021 13:16

Tgt Ion:152 Resp: 42837
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 158.6 0.0 347.6

