

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006141.D
 Acq On : 24 Sep 2021 16:19
 Operator : SY/MD
 Sample : M3917-13
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

Quant Time: Sep 25 05:46:02 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	7.795	168	109050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	163991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79408	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72404	47.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.600%
35) Dibromofluoromethane	7.722	113	52620	48.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.185	98	217251	47.043	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.080%
62) 4-Bromofluorobenzene	12.483	95	68438	43.649	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.300%

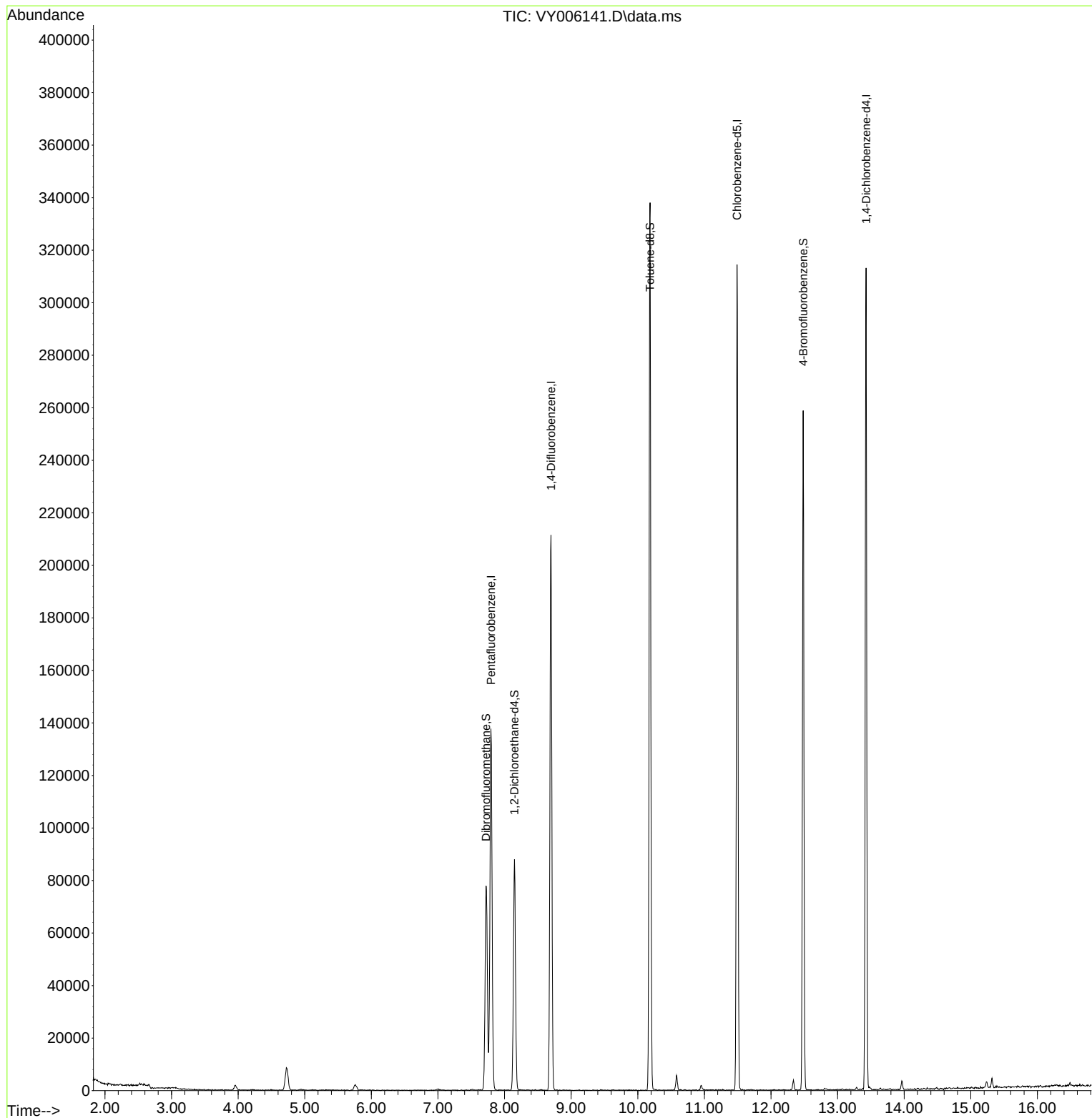
Target Compounds	Qvalue

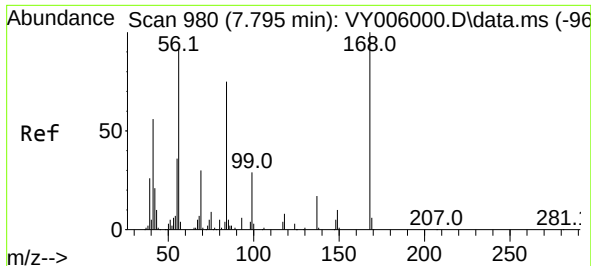
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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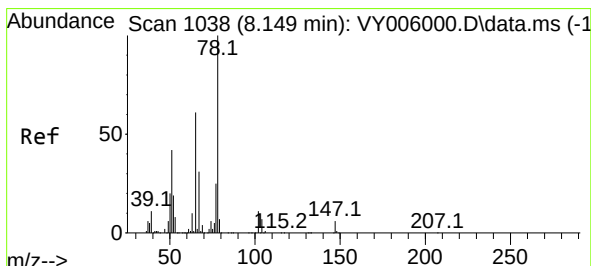
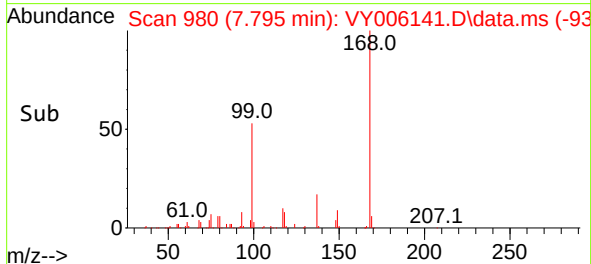
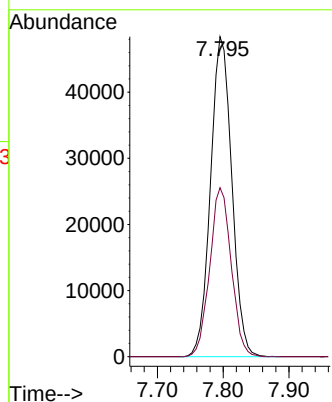
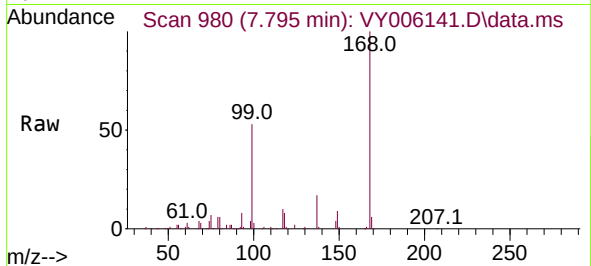




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

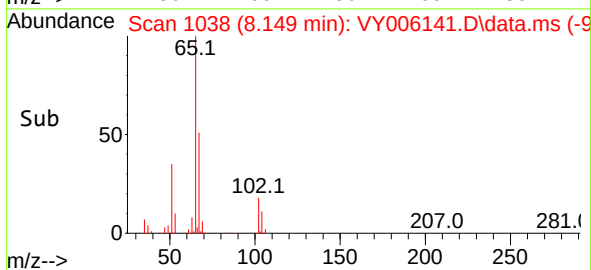
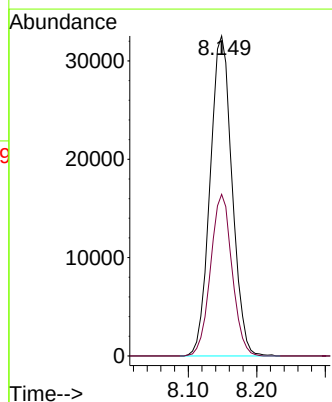
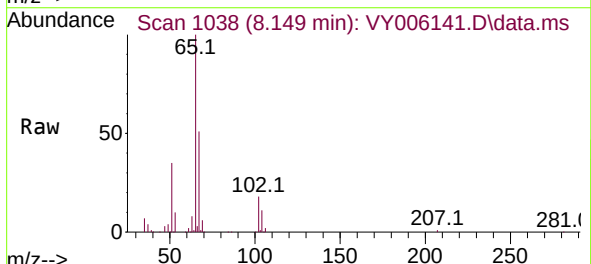
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

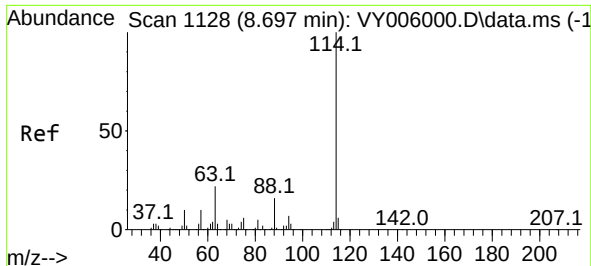
Tgt Ion:168 Resp: 109050
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.799 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

Tgt Ion: 65 Resp: 72404
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4

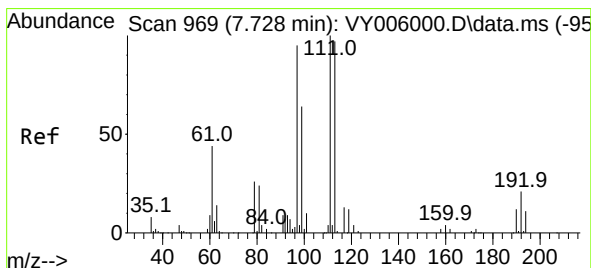
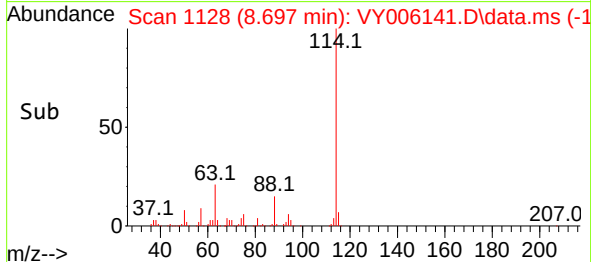
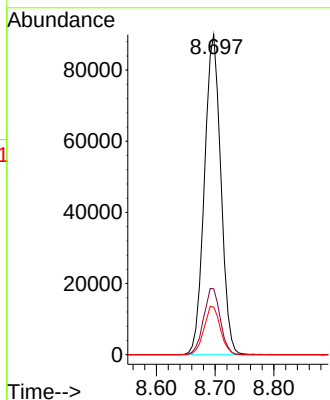
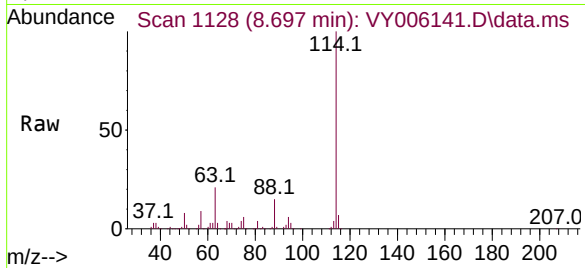




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

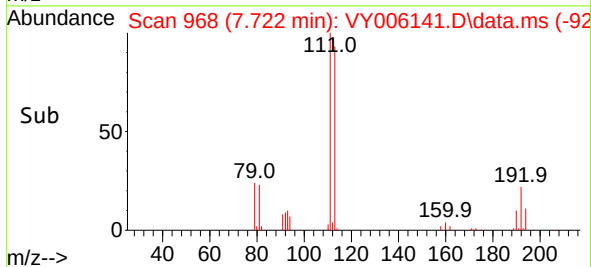
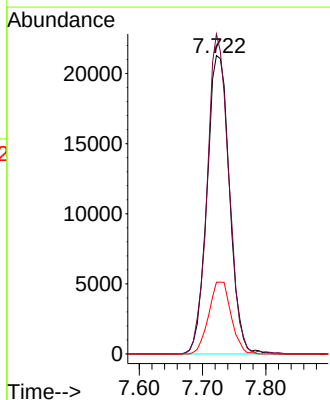
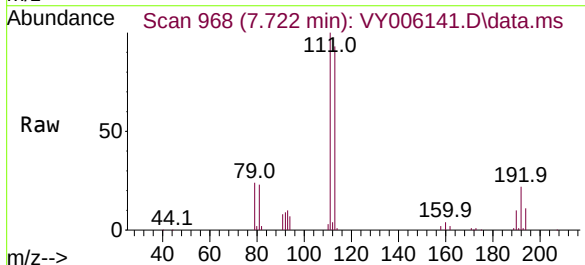
Instrument :
MSVOA_Y
ClientSampled :
TP-8

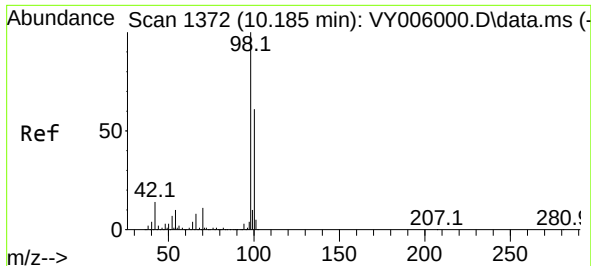
Tgt Ion:114 Resp: 174451
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.563 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

Tgt Ion:113 Resp: 52620
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 23.9 17.6 26.4

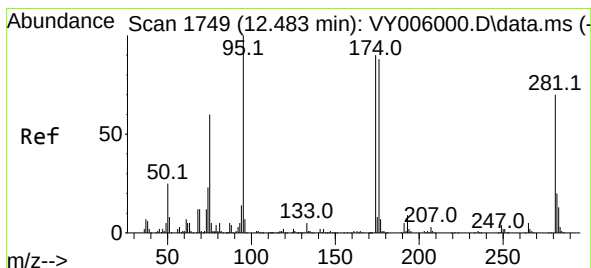
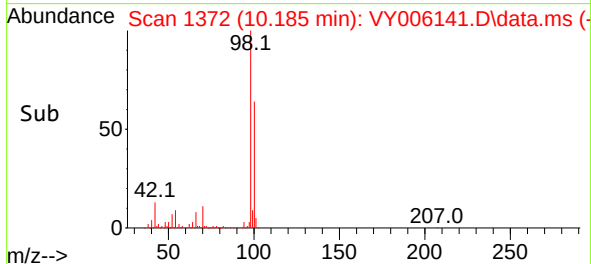
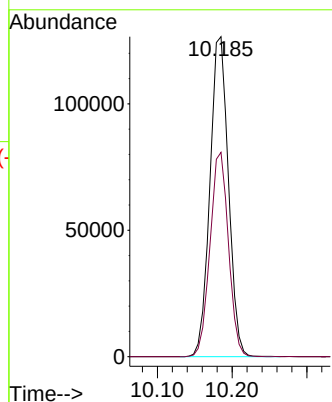
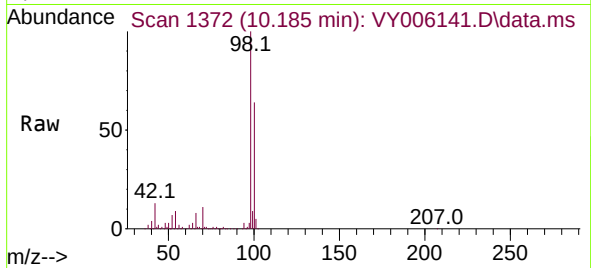




#50
Toluene-d8
Concen: 47.043 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

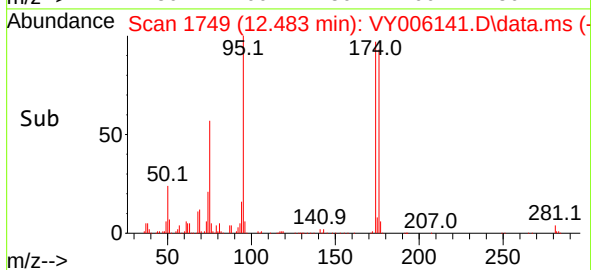
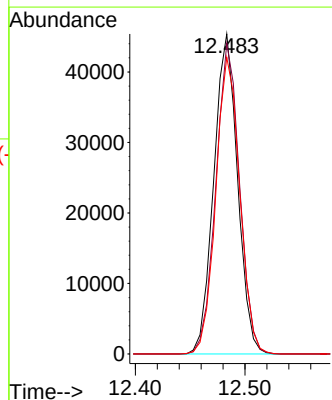
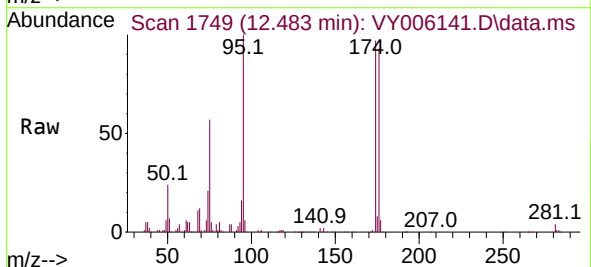
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

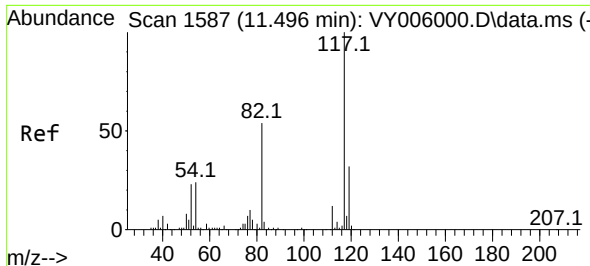
Tgt Ion: 98 Resp: 217251
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.649 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

Tgt Ion: 95 Resp: 68438
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 93.2 0.0 175.8

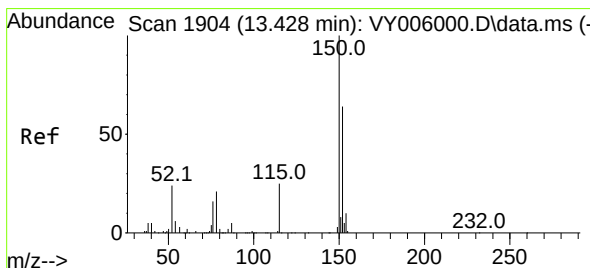
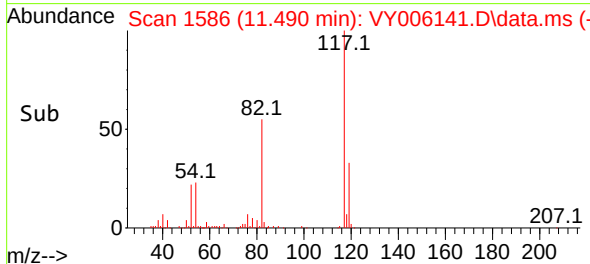
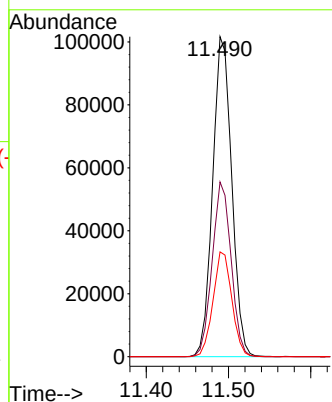
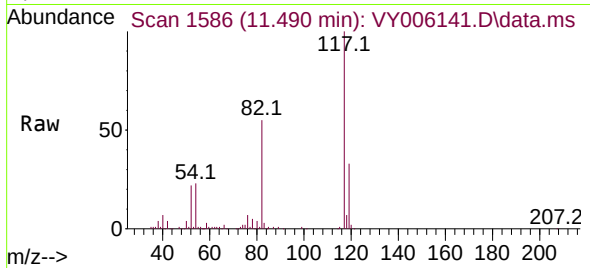




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006141.D
Acq: 24 Sep 2021 16:19

Instrument :
MSVOA_Y
ClientSampleId :
TP-8

Tgt Ion:117 Resp: 163991
Ion Ratio Lower Upper
117 100
82 54.6 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: VY006141.D
Acq: 24 Sep 2021 16:19

Tgt Ion:152 Resp: 79408
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 155.0 0.0 347.6

