

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006447.D
 Acq On : 22 Oct 2021 18:22
 Operator : SY/MD
 Sample : M4315-10
 Misc : 4.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-DD-D

Quant Time: Oct 23 07:24:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	98792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72773	59.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.720%	
35) Dibromofluoromethane	7.722	113	52309	54.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.240%	
50) Toluene-d8	10.185	98	219853	53.656	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	12.483	95	67659	49.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.040%	

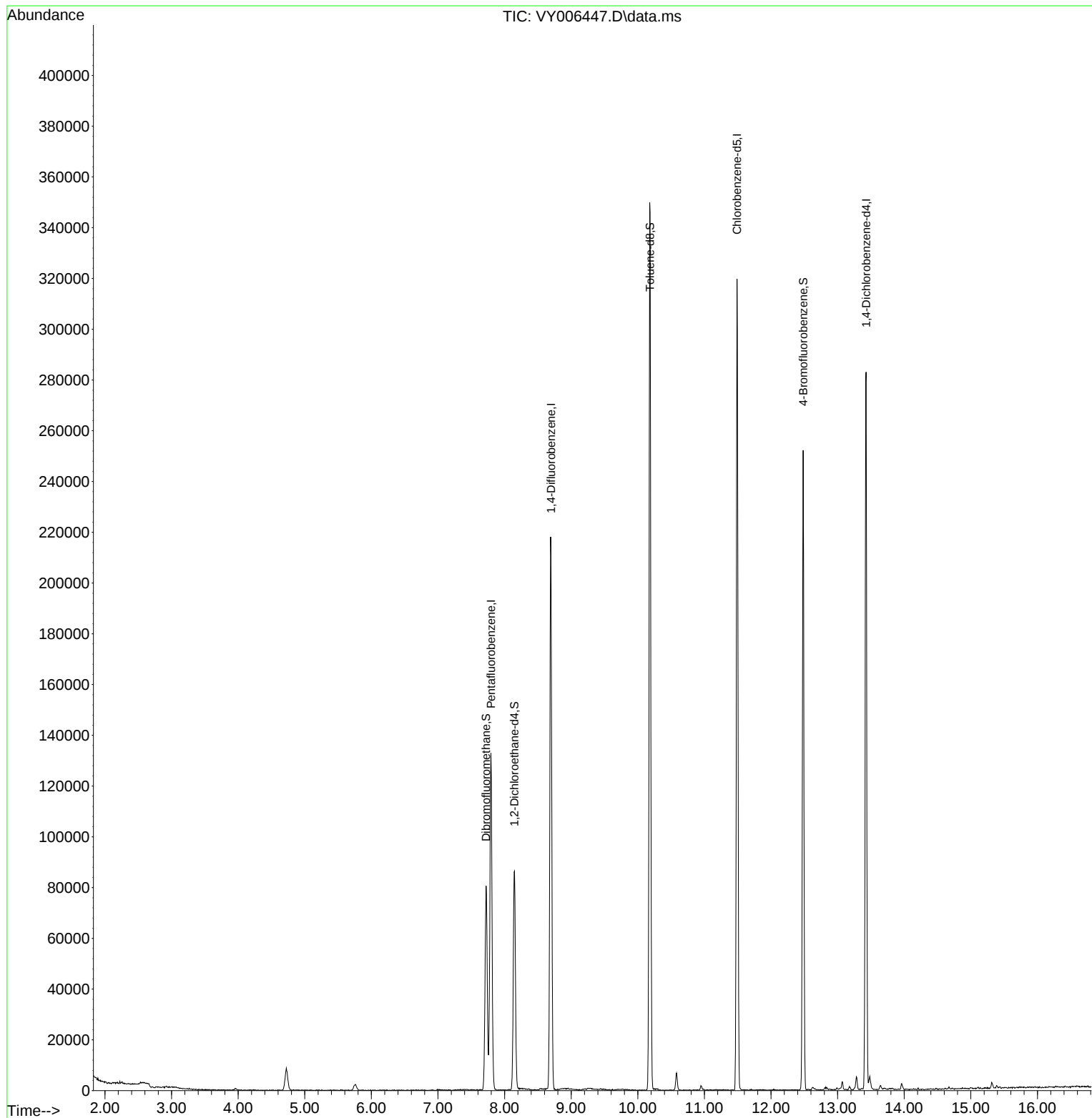
Target Compounds	Qvalue

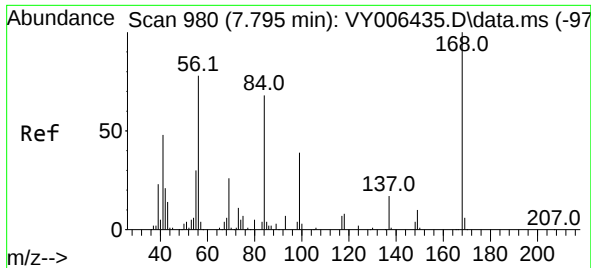
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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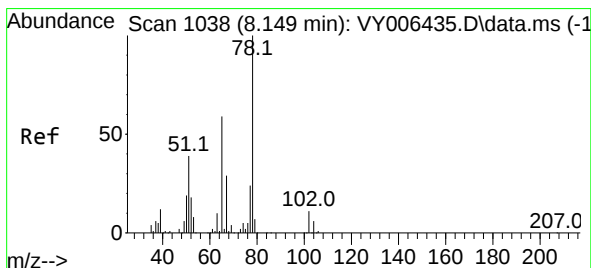
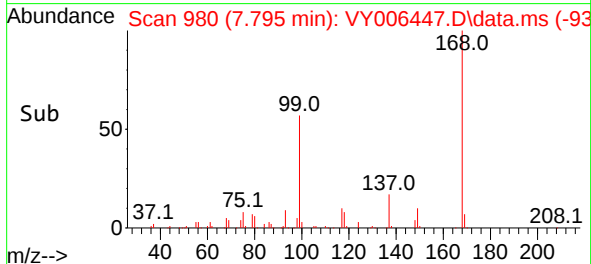
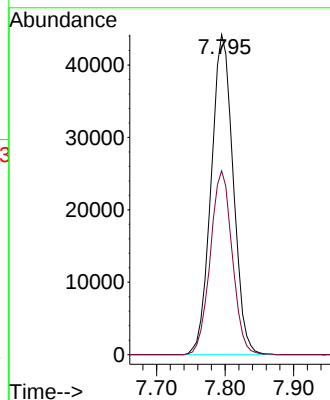
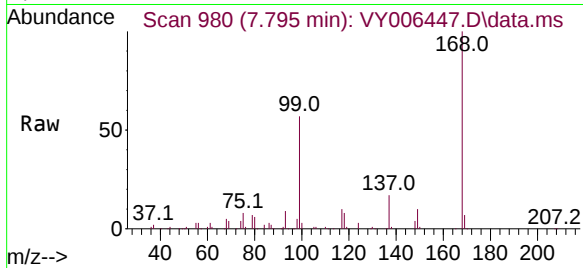




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

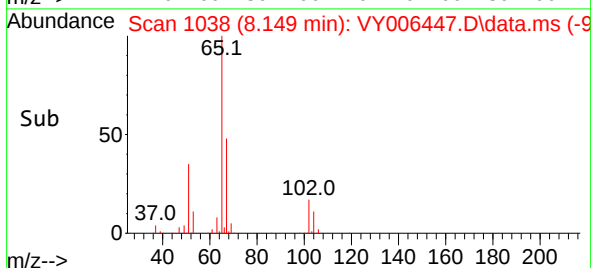
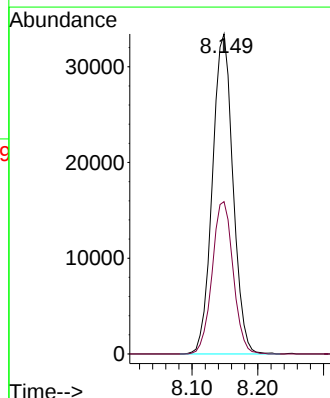
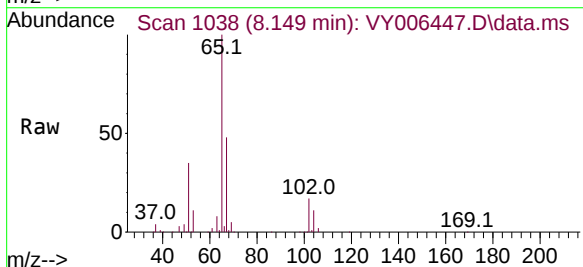
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-D

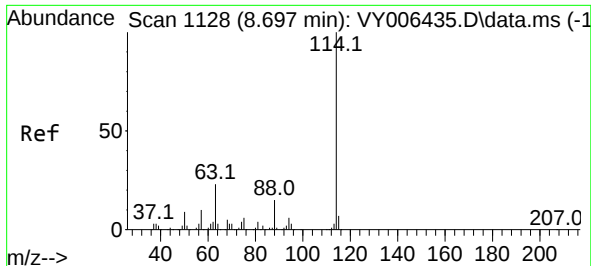
Tgt Ion:168 Resp: 98792
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 59.861 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Tgt Ion: 65 Resp: 72773
Ion Ratio Lower Upper
65 100
67 48.5 0.0 98.2

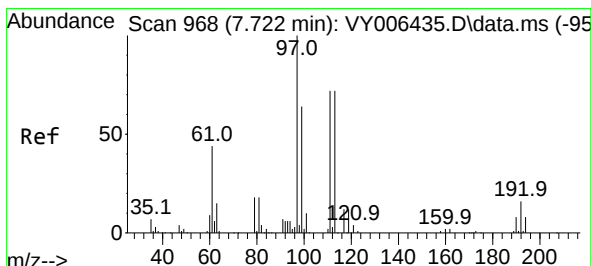
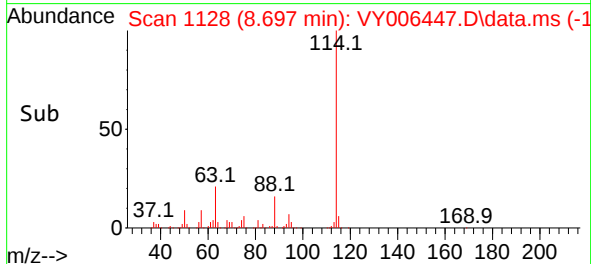
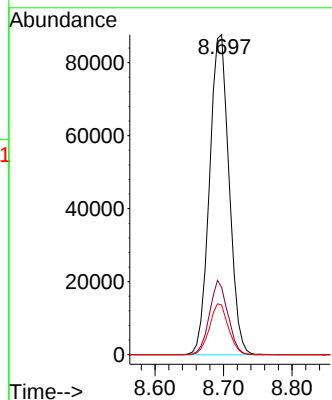
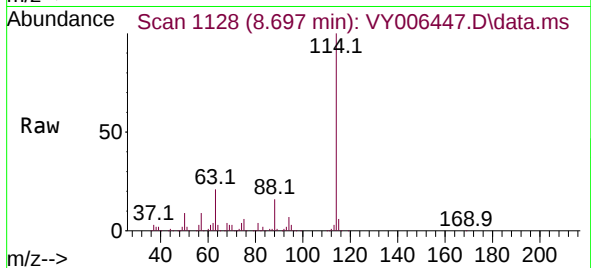




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

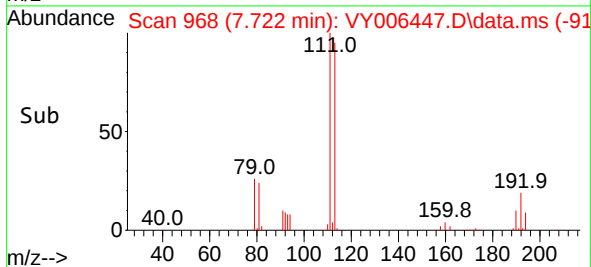
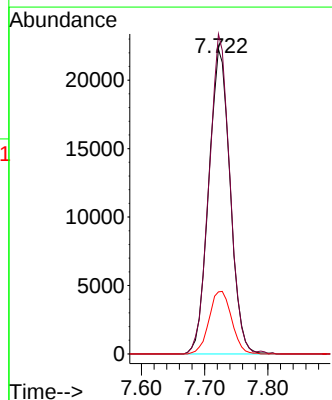
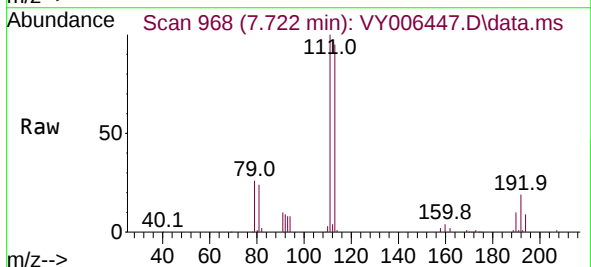
Instrument :
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ClientSampleId :
MH-DD-D

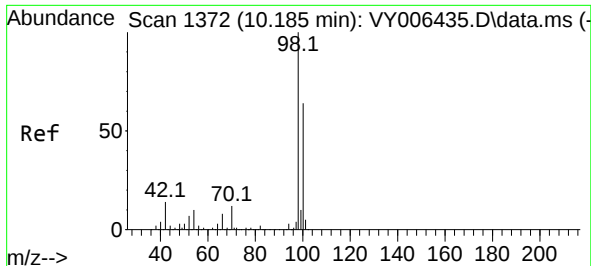
Tgt Ion:114 Resp: 173415
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.118 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Tgt Ion:113 Resp: 52309
Ion Ratio Lower Upper
113 100
111 102.3 82.3 123.5
192 21.6 17.4 26.2

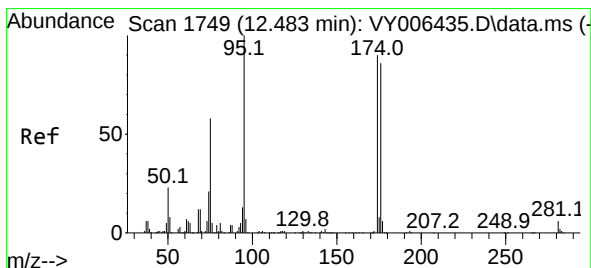
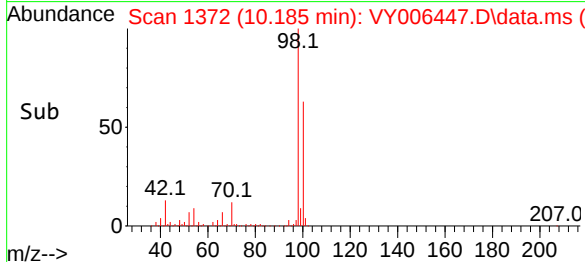
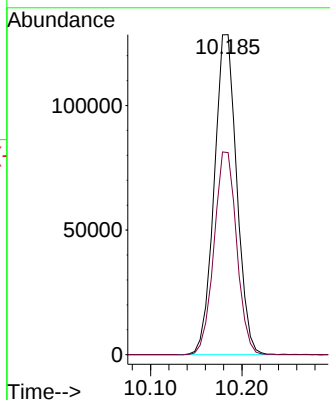
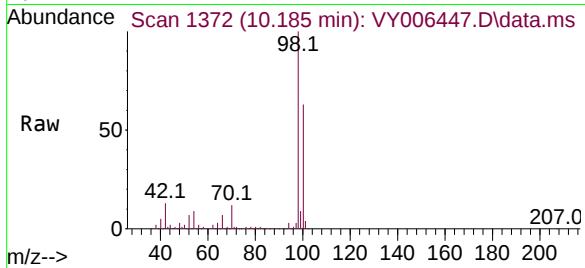




#50
Toluene-d8
Concen: 53.656 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

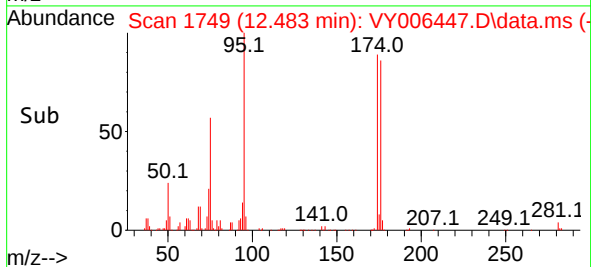
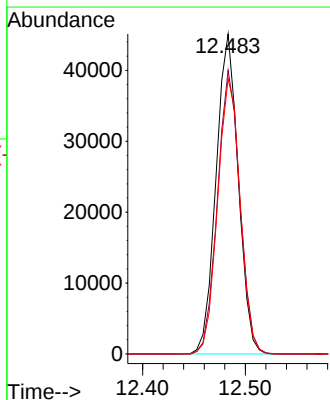
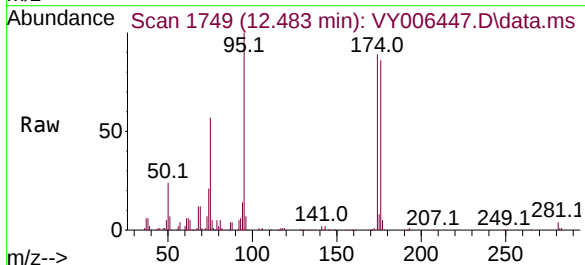
Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-D

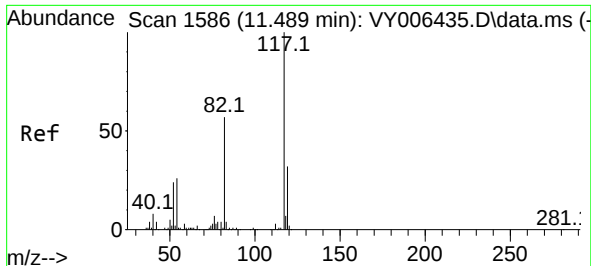
Tgt Ion: 98 Resp: 219853
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Tgt Ion: 95 Resp: 67659
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 87.3 0.0 169.4

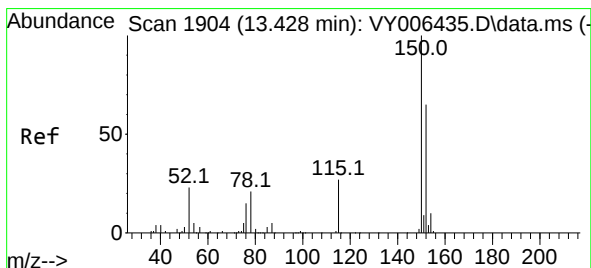
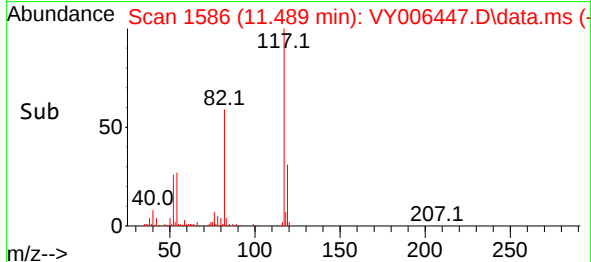
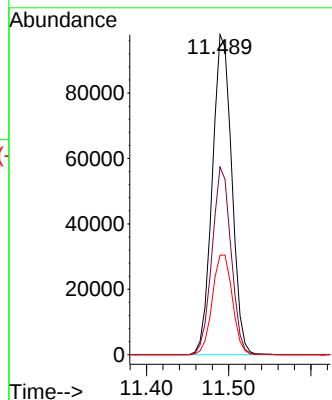
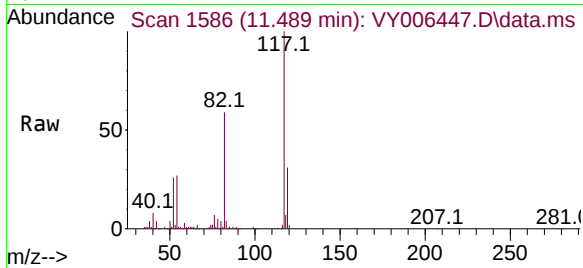




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Instrument :
MSVOA_Y
ClientSampleId :
MH-DD-D

Tgt Ion:117 Resp: 161248
Ion Ratio Lower Upper
117 100
82 58.7 45.7 68.5
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006447.D
Acq: 22 Oct 2021 18:22

Tgt Ion:152 Resp: 71206
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.5
150 154.7 0.0 348.2

