

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006807.D
 Acq On : 18 Nov 2021 14:44
 Operator : SY/MD
 Sample : M4707-09
 Misc : 4.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-COMP

Quant Time: Nov 19 05:34:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	111087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81407	55.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.820%	
35) Dibromofluoromethane	7.722	113	61535	52.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.420%	
50) Toluene-d8	10.185	98	244087	50.046	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.483	95	73652	44.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.580%	

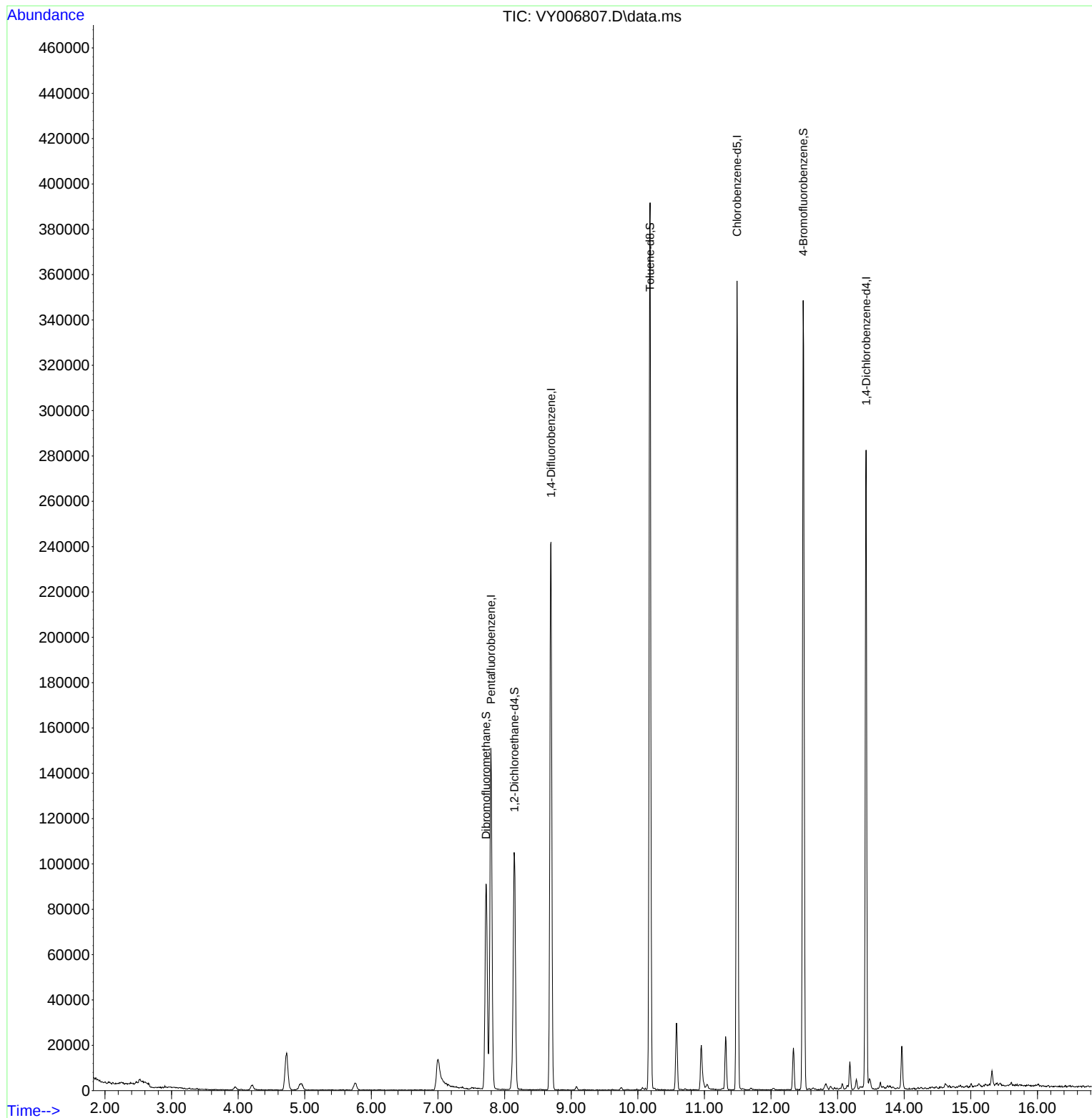
Target Compounds	Qvalue

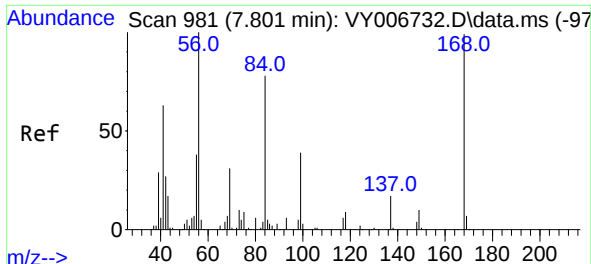
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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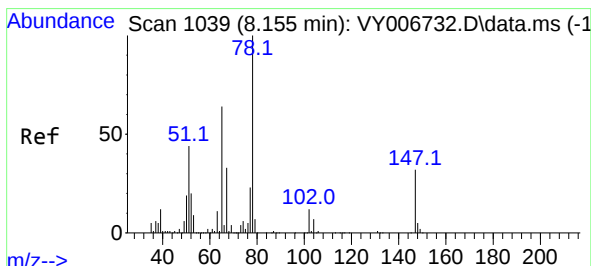
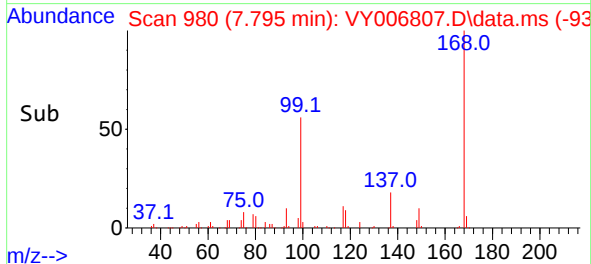
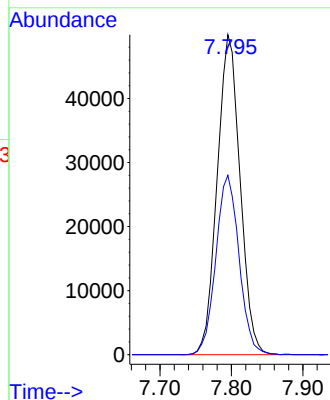
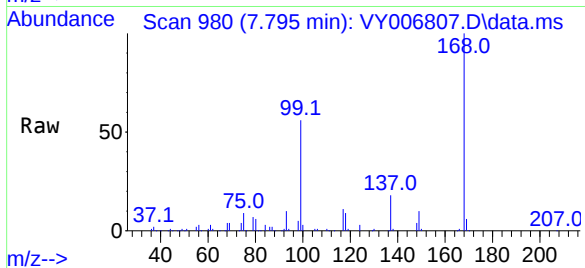




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

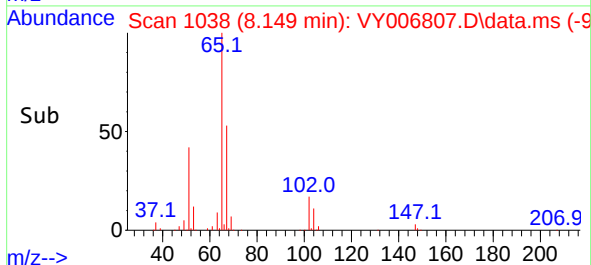
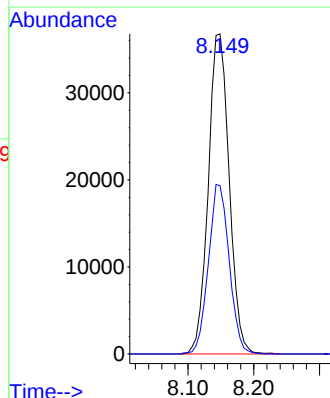
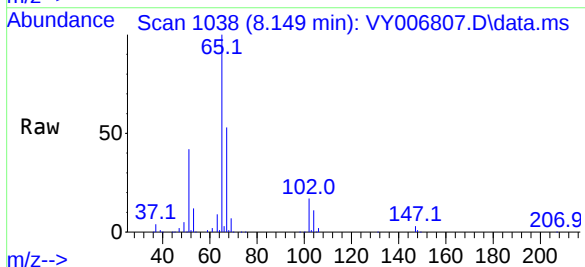
Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

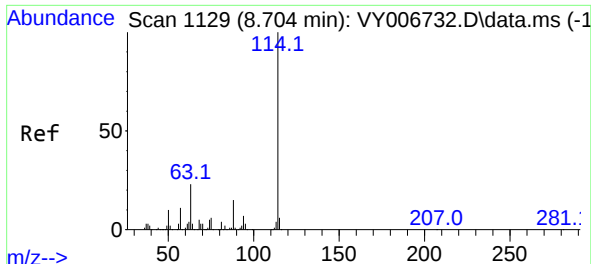
Tgt Ion:168 Resp: 111087
Ion Ratio Lower Upper
168 100
99 56.0 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 55.914 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

Tgt Ion: 65 Resp: 81407
Ion Ratio Lower Upper
65 100
67 52.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY006807.D

Acq: 18 Nov 2021 14:44

Instrument :

MSVOA_Y

ClientSampleId :

1-COMP

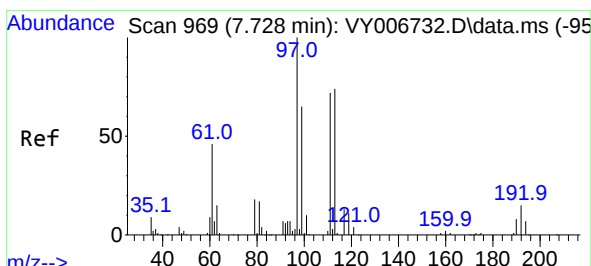
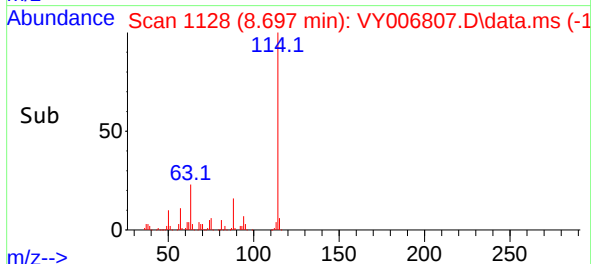
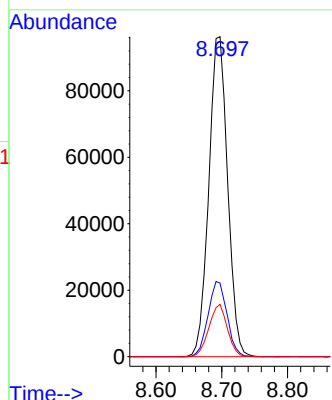
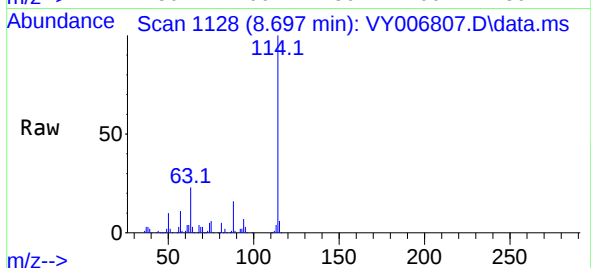
Tgt Ion:114 Resp: 191880

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.210 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006807.D

Acq: 18 Nov 2021 14:44

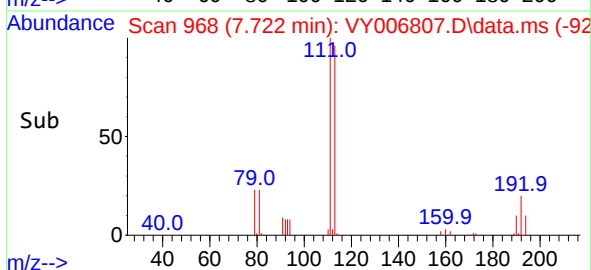
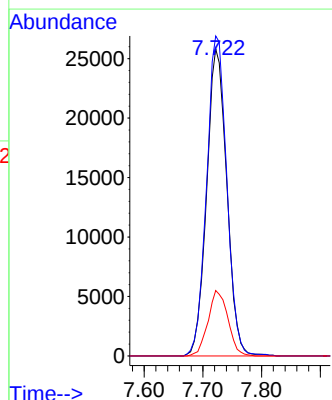
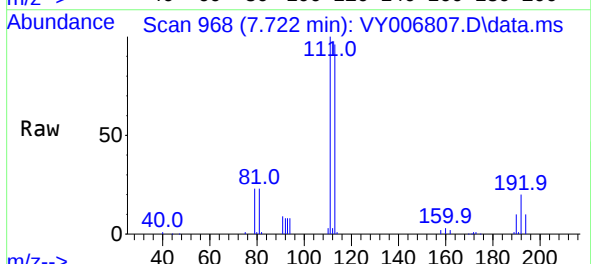
Tgt Ion:113 Resp: 61535

Ion Ratio Lower Upper

113 100

111 104.4 82.3 123.5

192 21.1 17.4 26.2

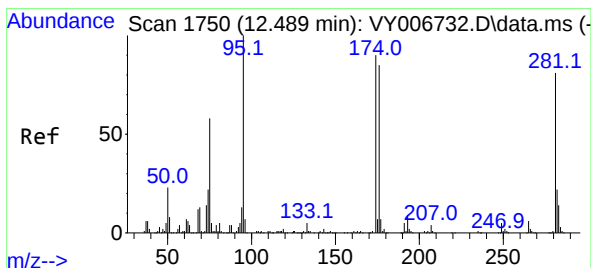
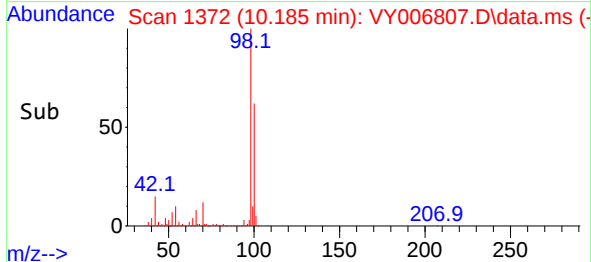
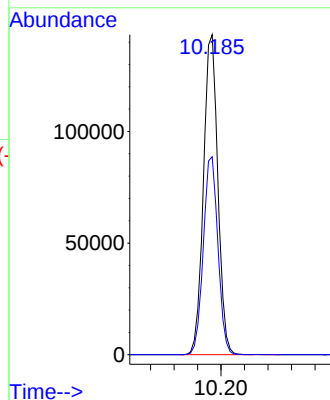
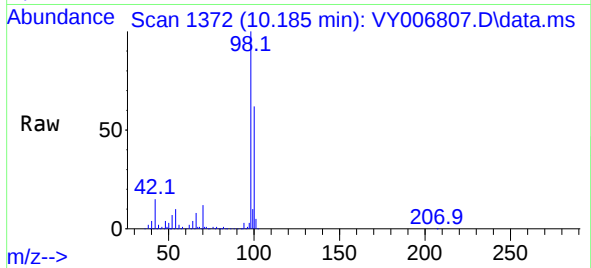




#50
Toluene-d8
Concen: 50.046 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

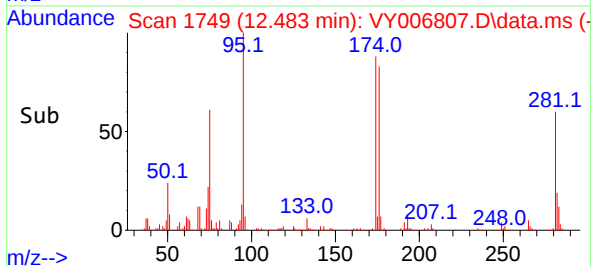
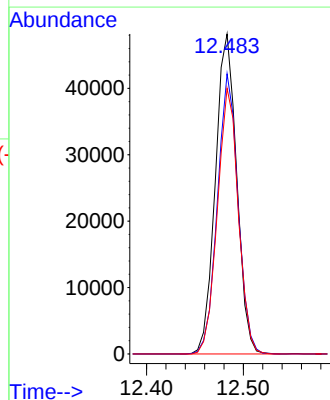
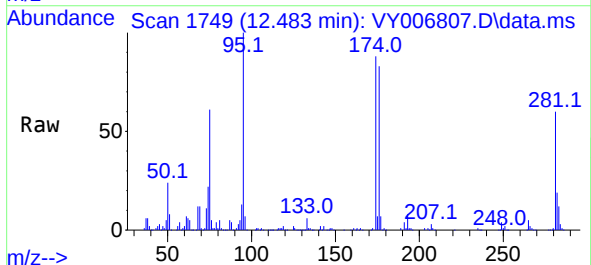
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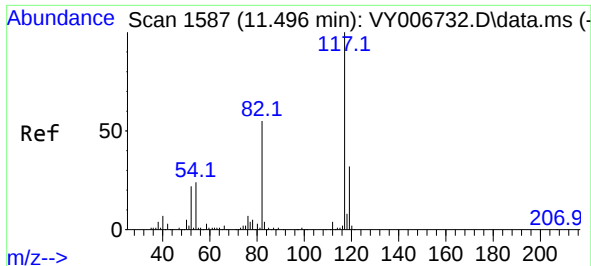
Tgt Ion: 98 Resp: 244087
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.795 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

Tgt Ion: 95 Resp: 73652
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 81.1 0.0 169.4

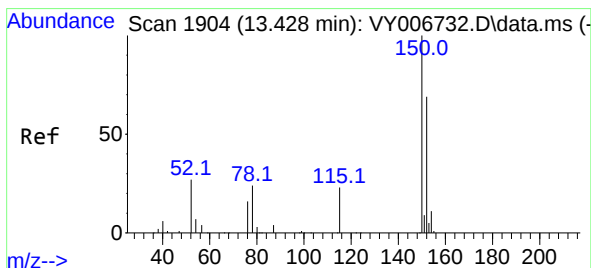
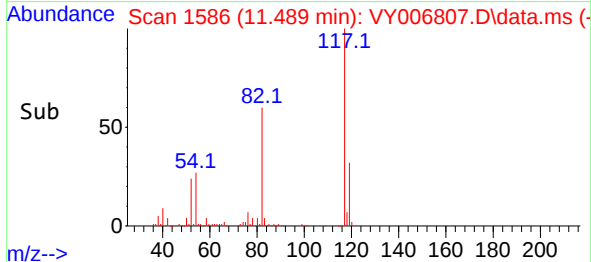
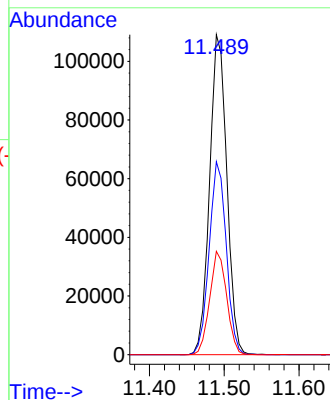
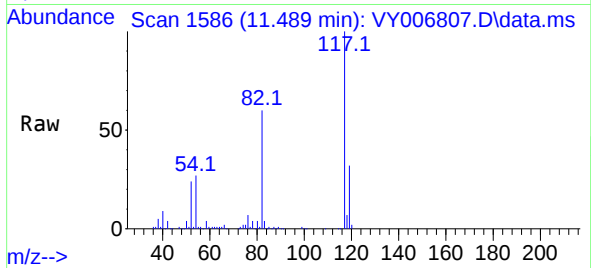




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

Tgt Ion:117 Resp: 175055
Ion Ratio Lower Upper
117 100
82 60.3 45.7 68.5
119 32.3 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: VY006807.D
Acq: 18 Nov 2021 14:44

Tgt Ion:152 Resp: 66291
Ion Ratio Lower Upper
152 100
115 58.2 28.5 85.5
150 154.5 0.0 348.2

