

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006842.D
 Acq On : 19 Nov 2021 20:16
 Operator : SY/MD
 Sample : M4758-11
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP6

Quant Time: Nov 22 03:21:27 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	7.801	168	56228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	90660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	76265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	32901	44.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.300%
35) Dibromofluoromethane	7.728	113	27087	48.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.185	98	113511	49.258	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.483	95	26852	34.565	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.120%

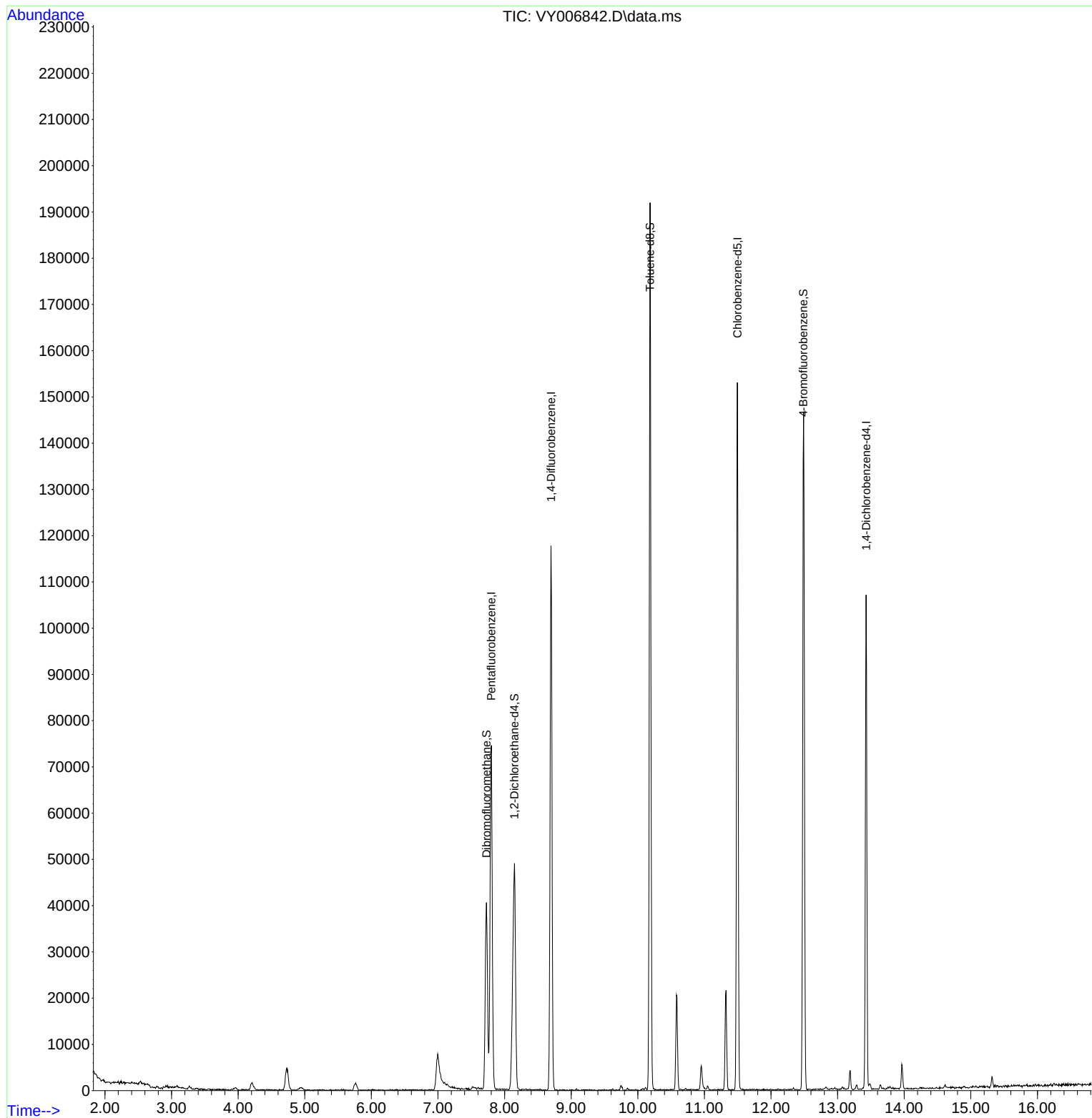
Target Compounds	Qvalue

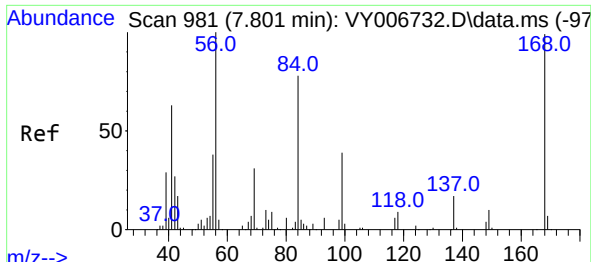
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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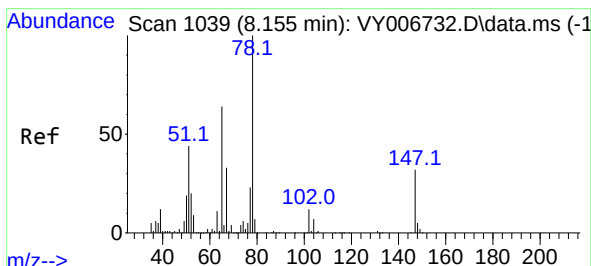
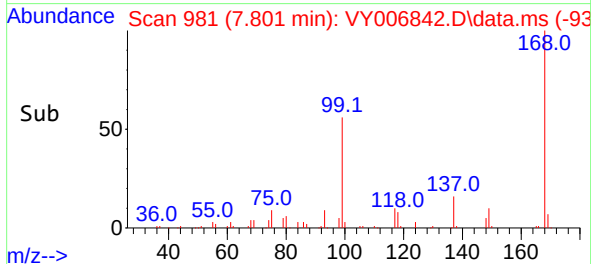
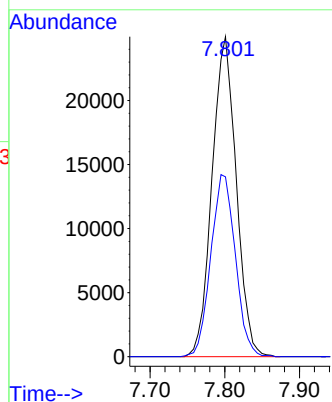
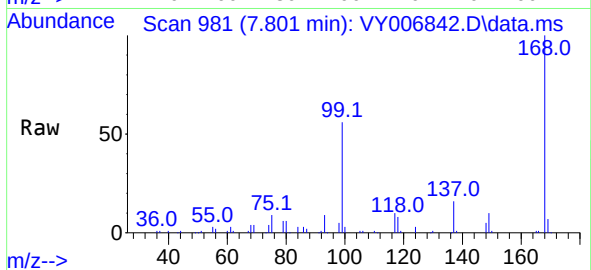




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

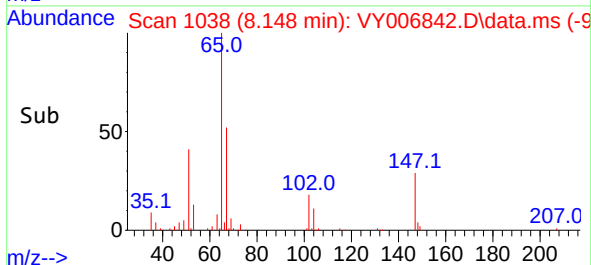
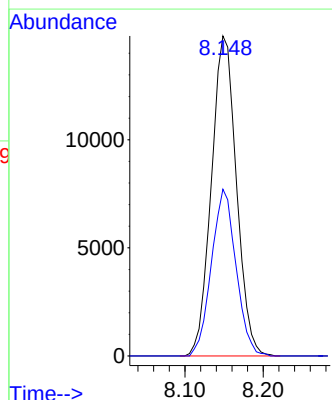
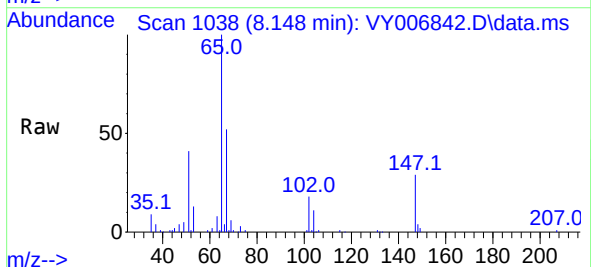
Instrument :
MSVOA_Y
ClientSampleId :
TP6

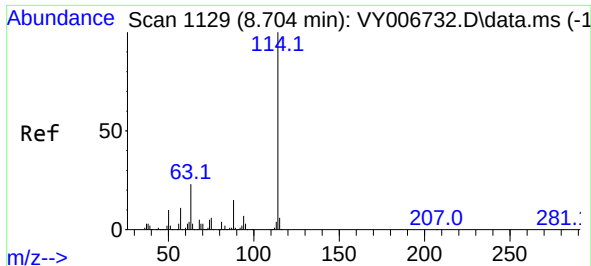
Tgt Ion:168 Resp: 56228
Ion Ratio Lower Upper
168 100
99 56.2 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 44.646 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

Tgt Ion: 65 Resp: 32901
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006842.D

Acq: 19 Nov 2021 20:16

Instrument :

MSVOA_Y

ClientSampleId :

TP6

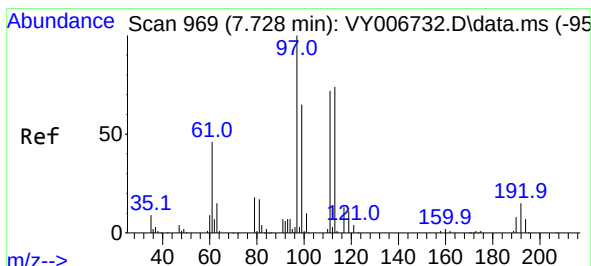
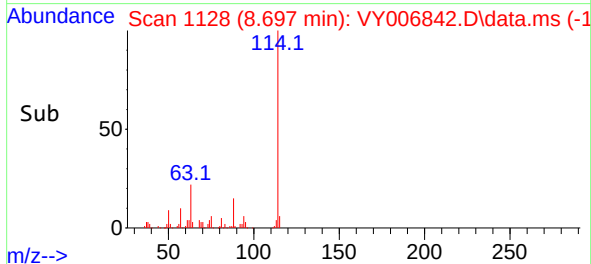
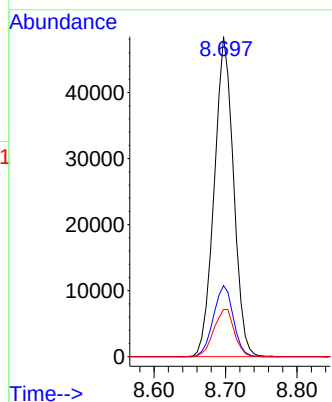
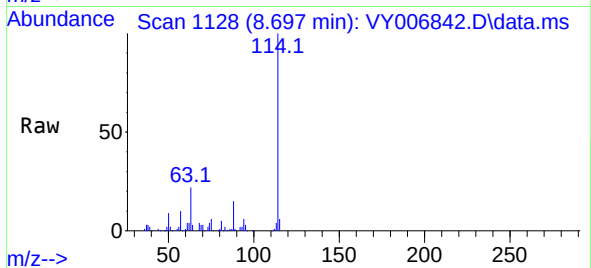
Tgt Ion:114 Resp: 90660

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.642 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006842.D

Acq: 19 Nov 2021 20:16

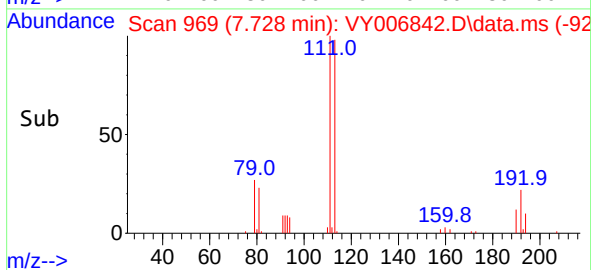
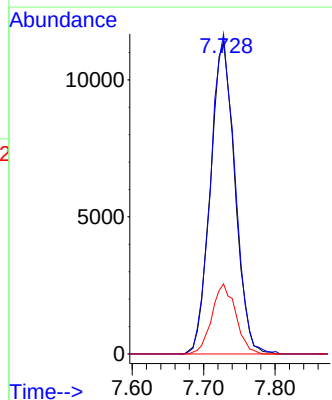
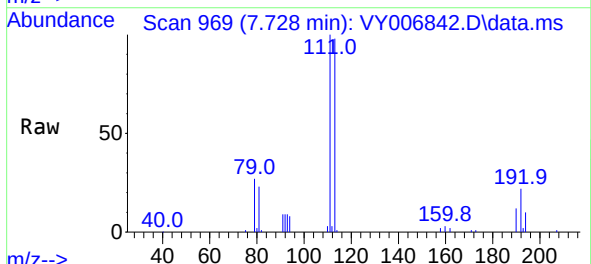
Tgt Ion:113 Resp: 27087

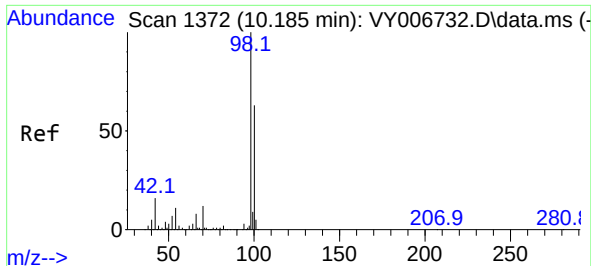
Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

192 21.8 17.4 26.2

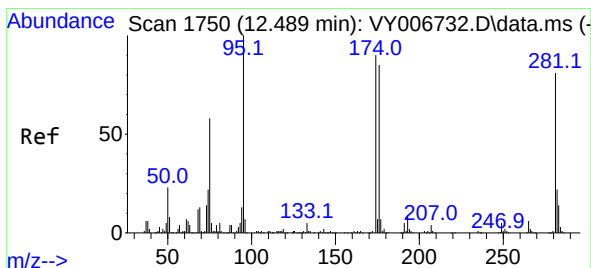
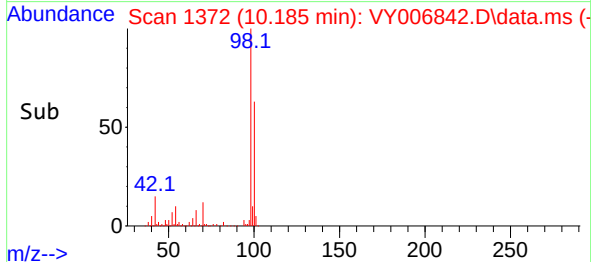
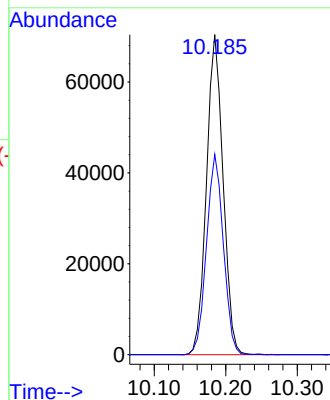
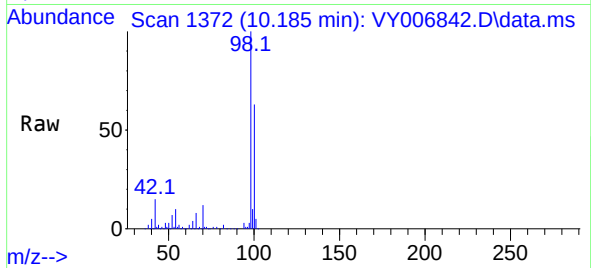




#50
Toluene-d8
Concen: 49.258 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

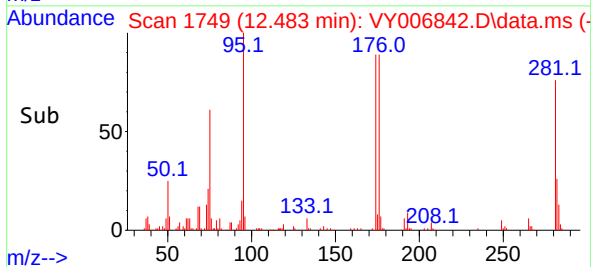
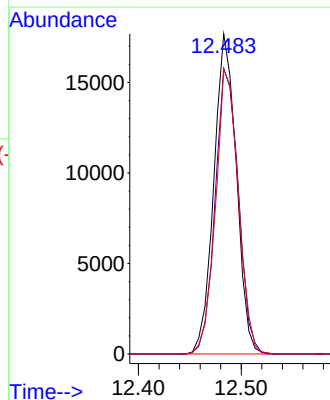
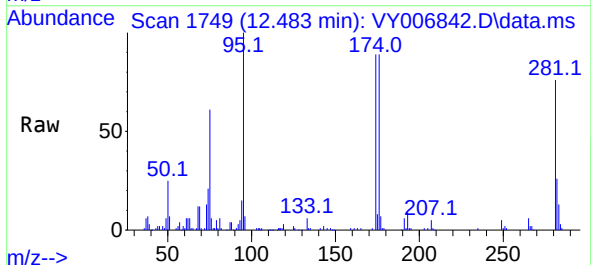
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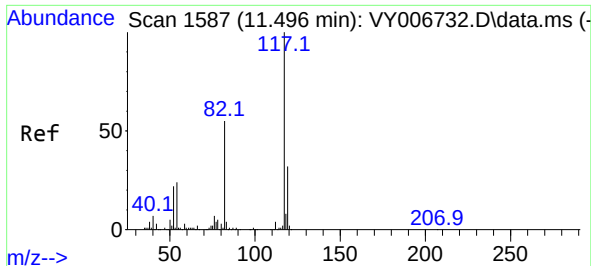
Tgt Ion: 98 Resp: 113511
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.565 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

Tgt Ion: 95 Resp: 26852
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 90.1 0.0 169.4

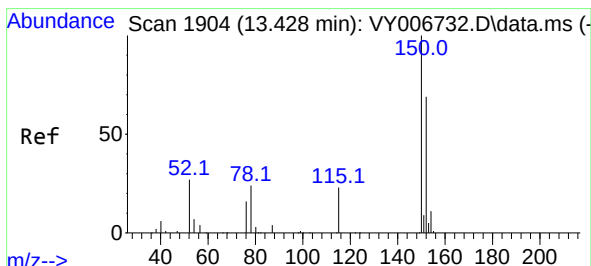
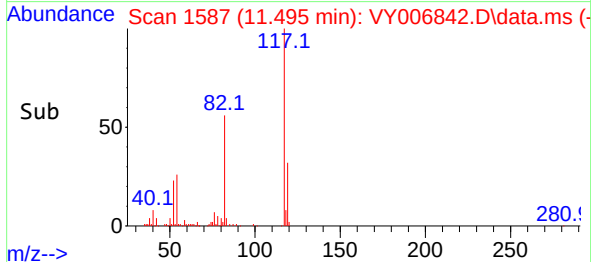
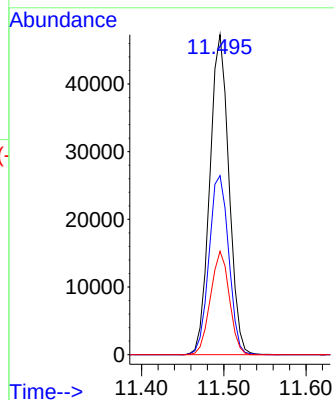
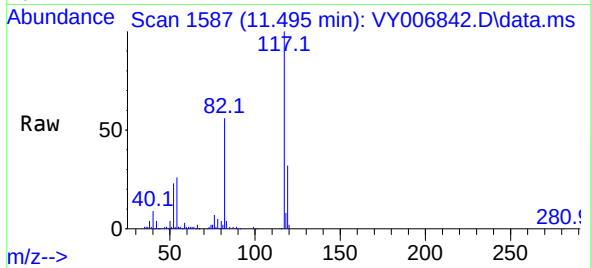




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

Instrument :
MSVOA_Y
ClientSampleId :
TP6

Tgt Ion:117	Resp:	76265
Ion	Ratio	Lower Upper
117	100	
82	55.9	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: VY006842.D
Acq: 19 Nov 2021 20:16

Tgt Ion:152	Resp:	25618
Ion	Ratio	Lower Upper
152	100	
115	57.5	28.5 85.5
150	157.8	0.0 348.2

