

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016967.D
 Acq On : 10 Jan 2024 12:53
 Operator : SY/MD
 Sample : P1085-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jan 11 00:11:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	107512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	225631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	215293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	79444	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	51111	48.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.200%
35) Dibromofluoromethane	7.728	113	54809	38.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.240%
50) Toluene-d8	10.191	98	200784	40.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.100%
62) 4-Bromofluorobenzene	12.495	95	62466	37.395	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.780%

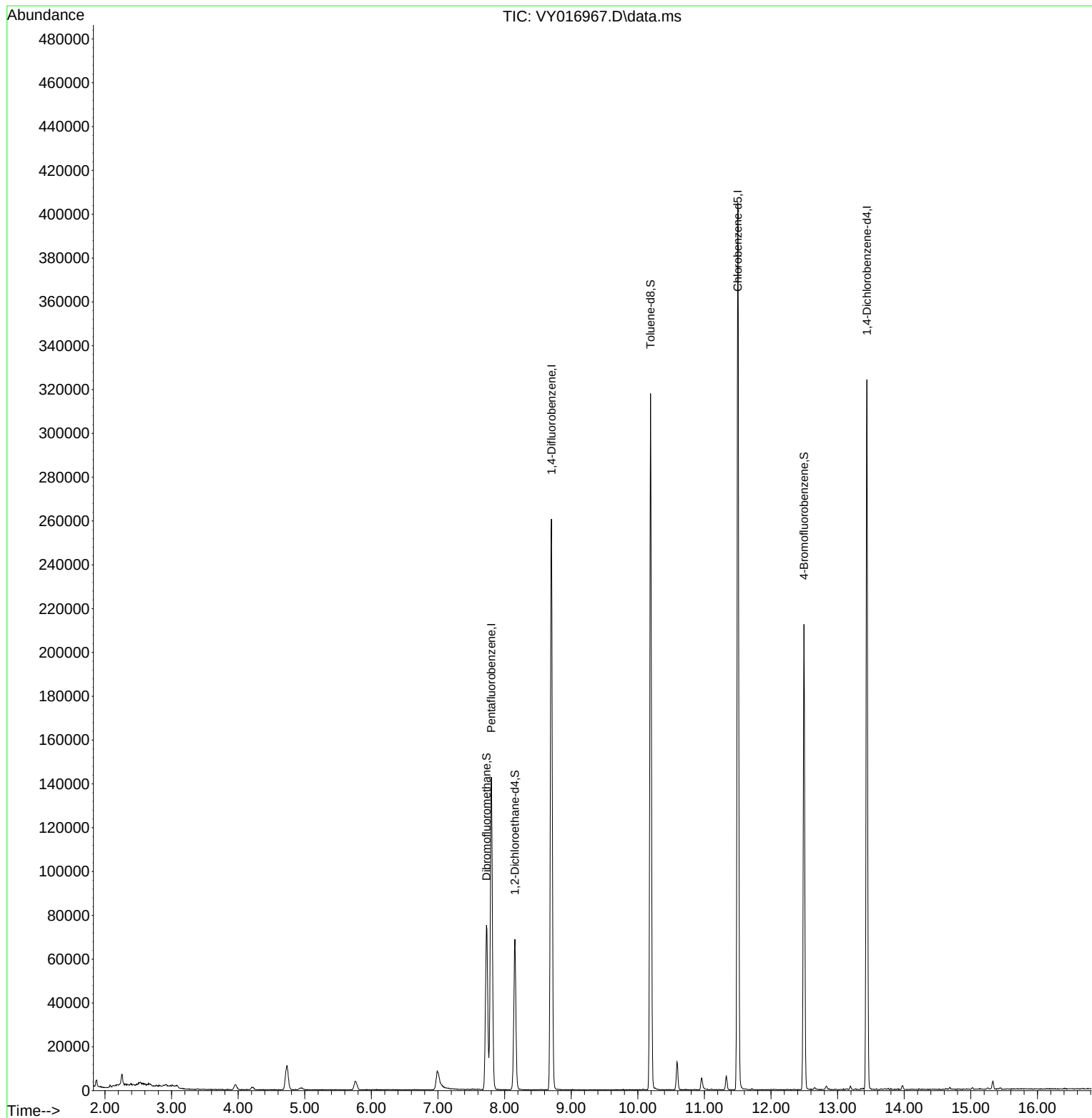
Target Compounds	Qvalue

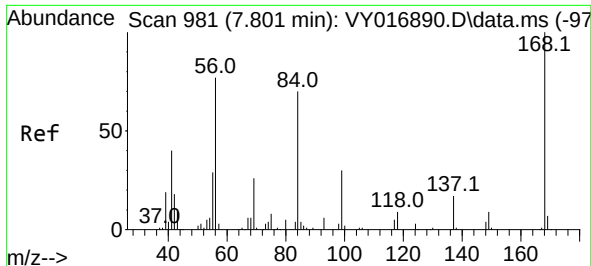
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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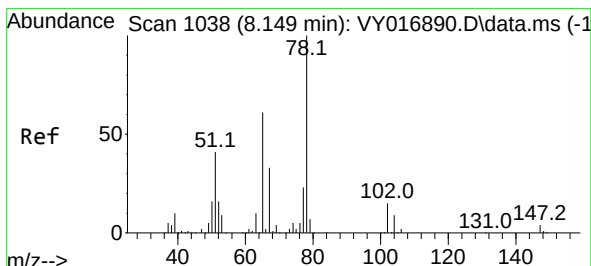
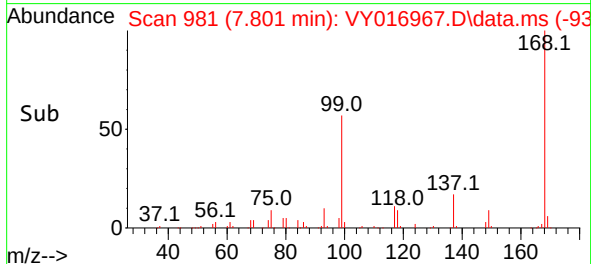
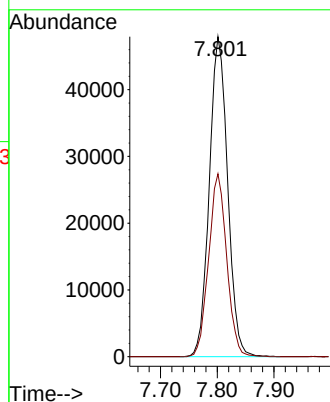
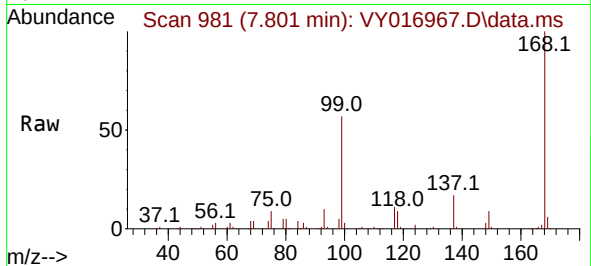




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

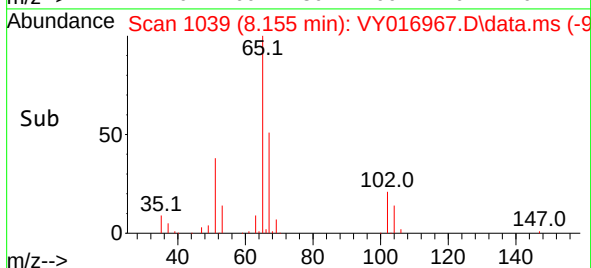
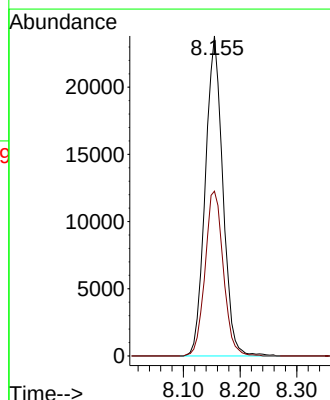
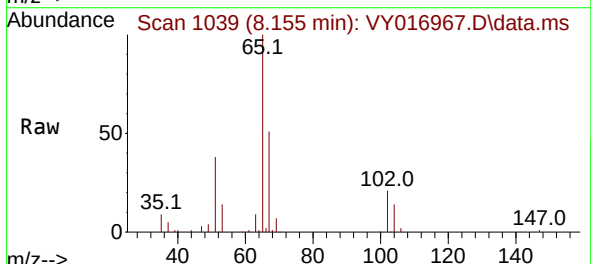
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

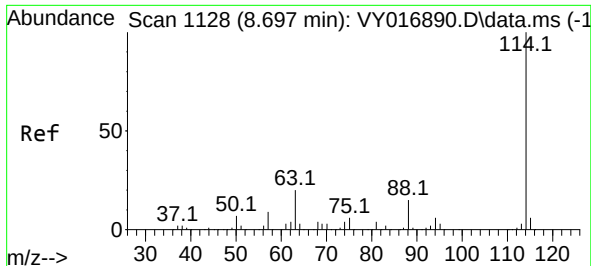
Tgt Ion:168 Resp: 107512
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.100 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Tgt Ion: 65 Resp: 51111
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016967.D

Acq: 10 Jan 2024 12:53

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

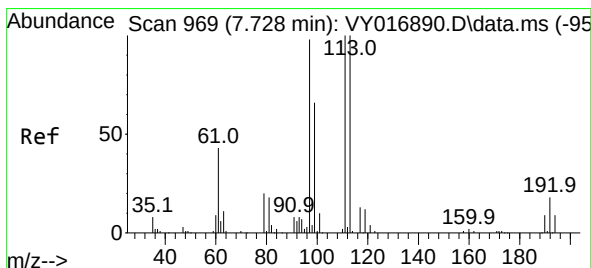
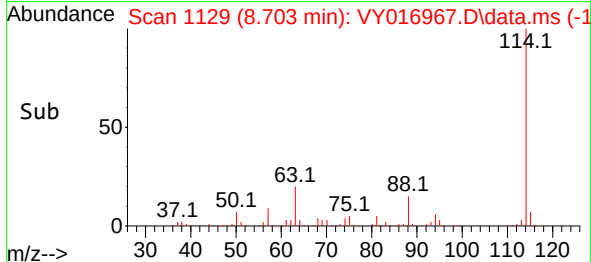
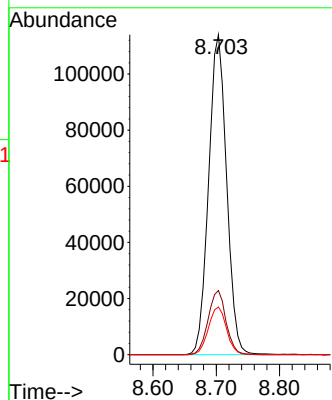
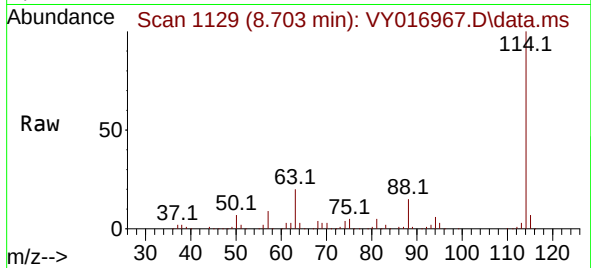
Tgt Ion:114 Resp: 225631

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.120 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016967.D

Acq: 10 Jan 2024 12:53

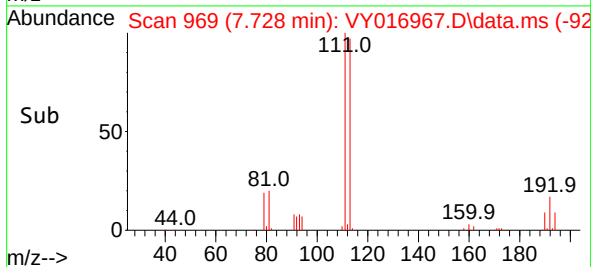
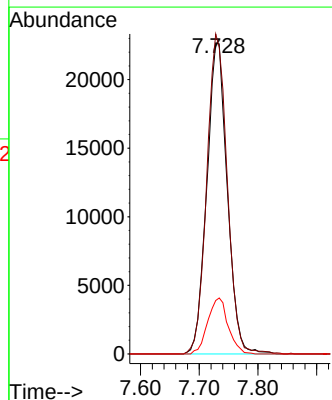
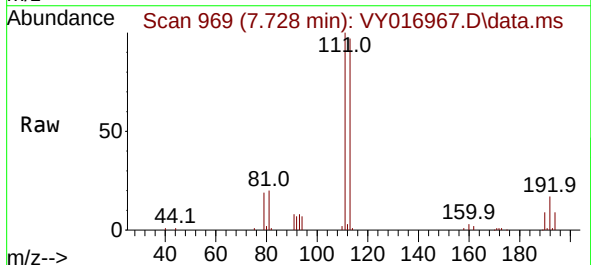
Tgt Ion:113 Resp: 54809

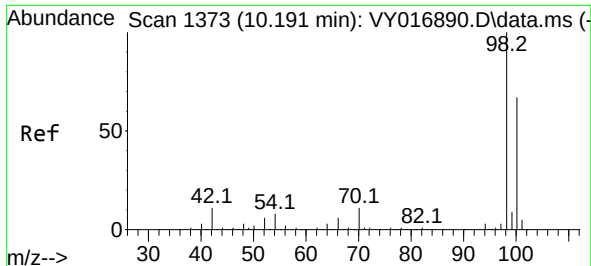
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.0 14.5 21.7

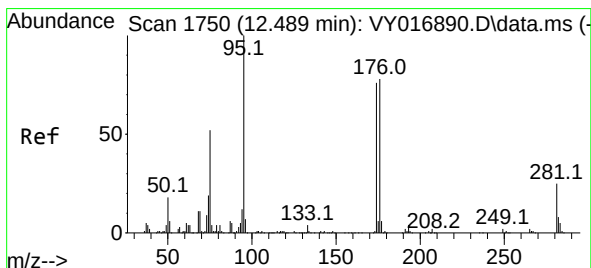
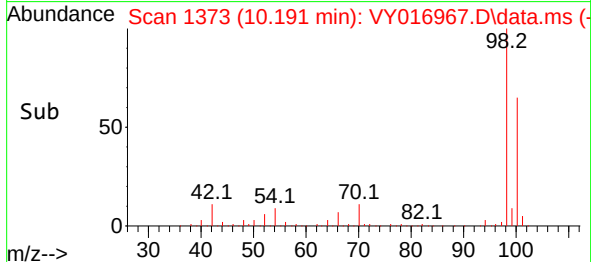
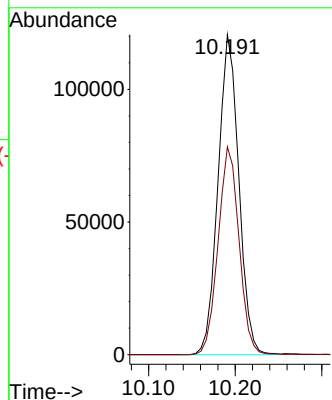
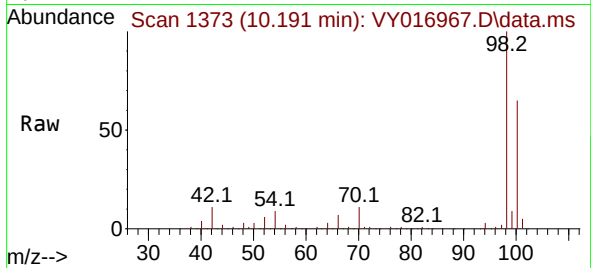




#50
Toluene-d8
Concen: 40.553 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

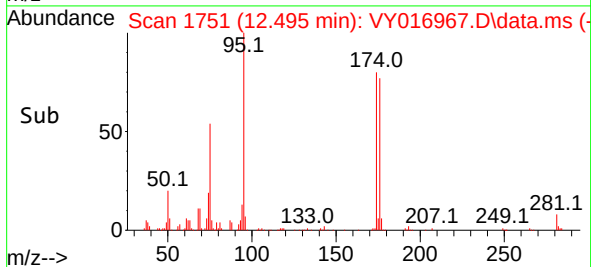
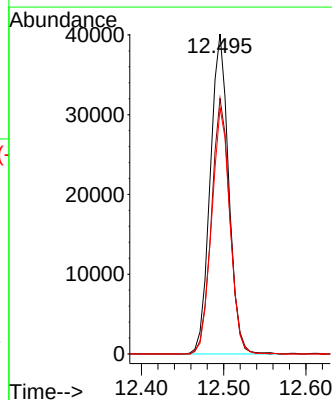
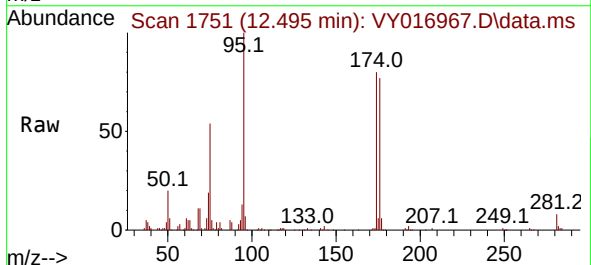
Instrument :
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ClientSampleId :
TP-1

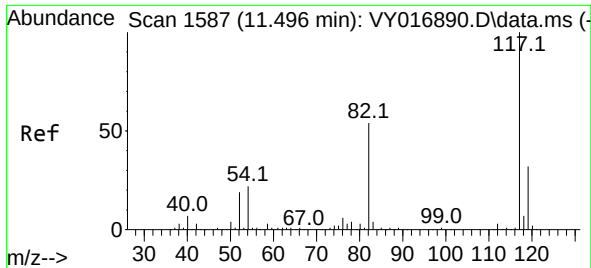
Tgt Ion: 98 Resp: 200784
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.395 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Tgt Ion: 95 Resp: 62466
Ion Ratio Lower Upper
95 100
174 79.6 0.0 160.0
176 76.3 0.0 151.8

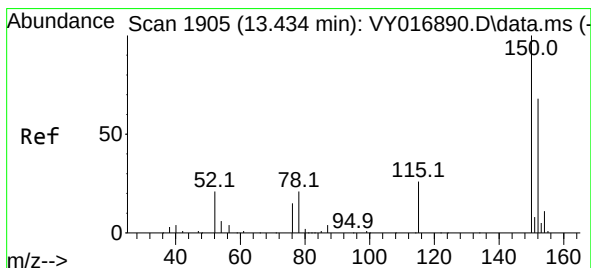
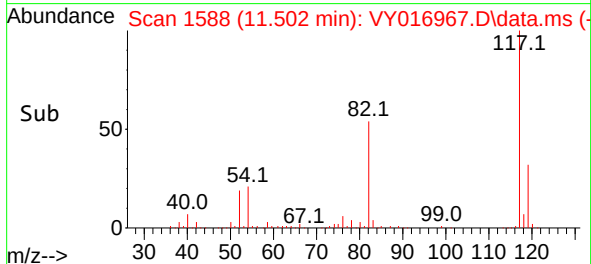
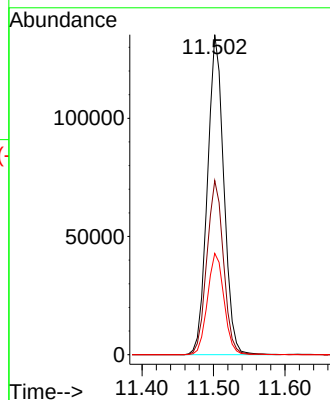
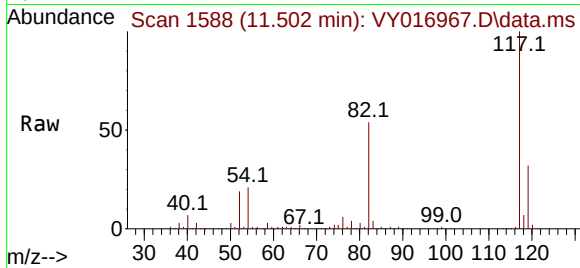




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 215293
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016967.D
Acq: 10 Jan 2024 12:53

Tgt Ion:152 Resp: 79444
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 158.0 0.0 344.6

