

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016956.D
 Acq On : 09 Jan 2024 18:08
 Operator : SY/MD
 Sample : P1085-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jan 10 02:30:50 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	7.813	168	6691	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	11046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	7537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	1430	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	2193	33.161	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.320%
35) Dibromofluoromethane	7.740	113	2631	37.378	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.760%
50) Toluene-d8	10.197	98	9272	38.253	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.500%
62) 4-Bromofluorobenzene	12.495	95	1670	20.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.840%

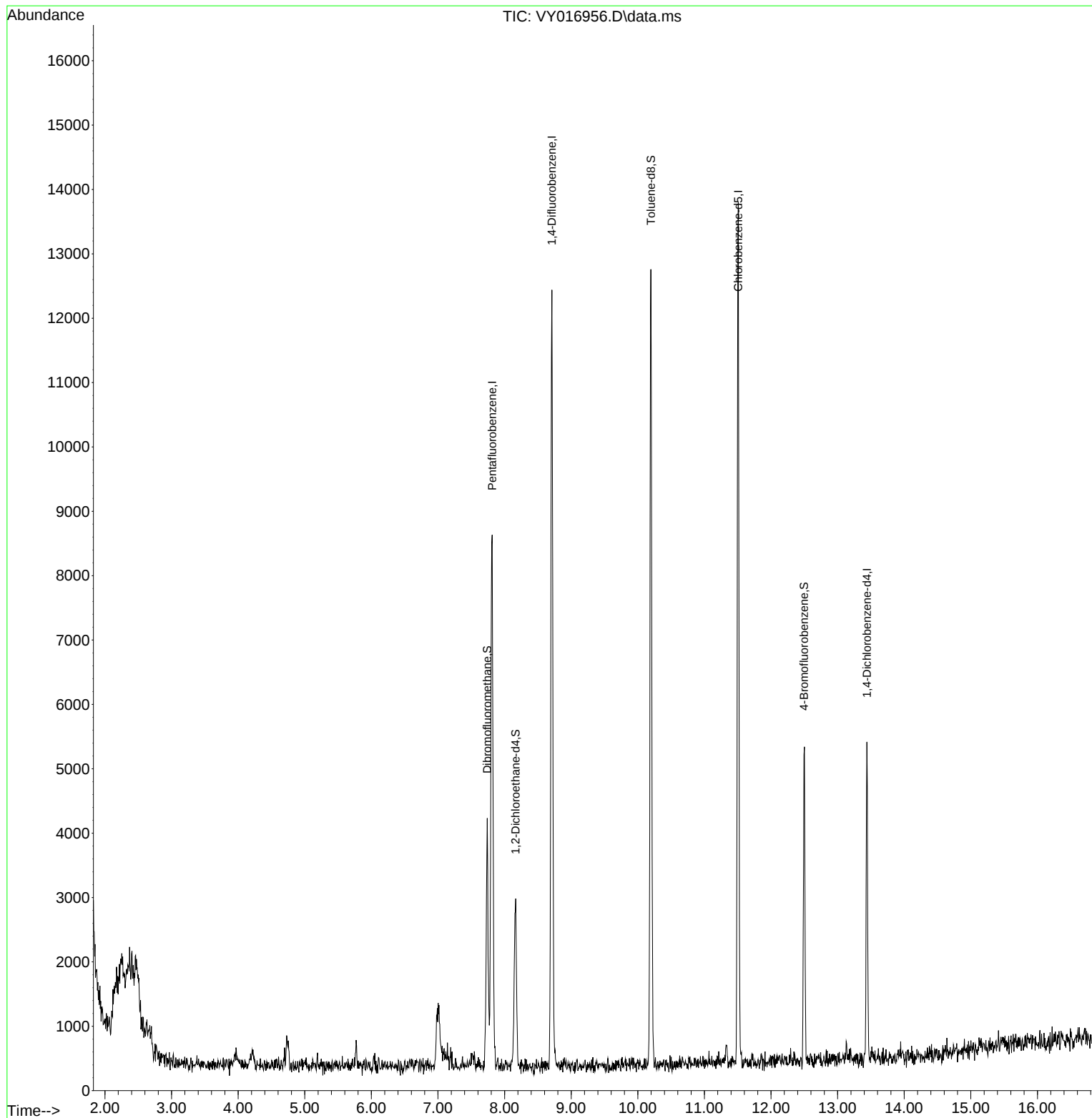
Target Compounds	Qvalue

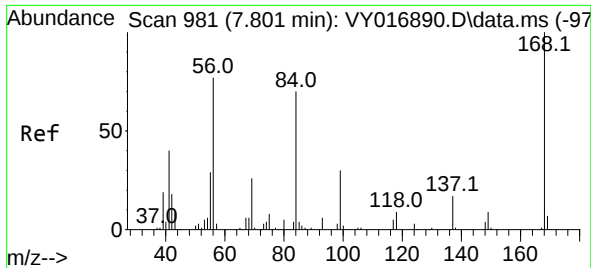
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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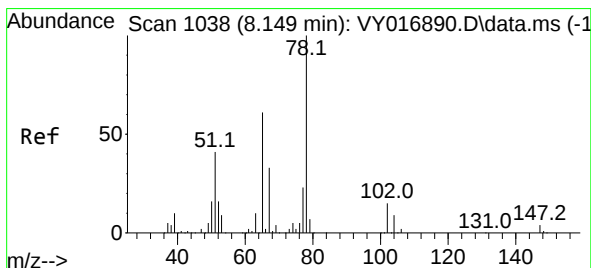
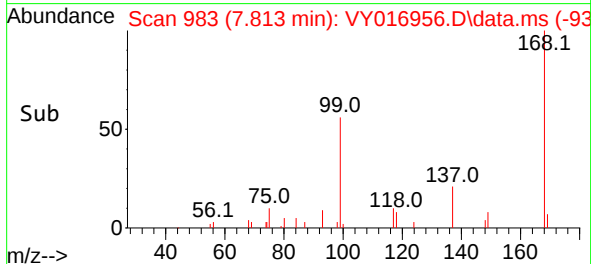
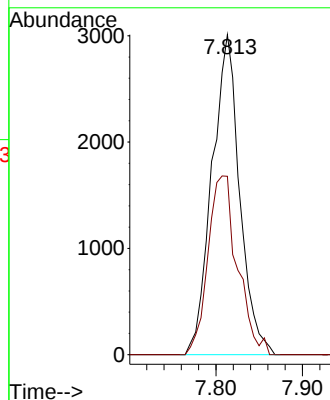
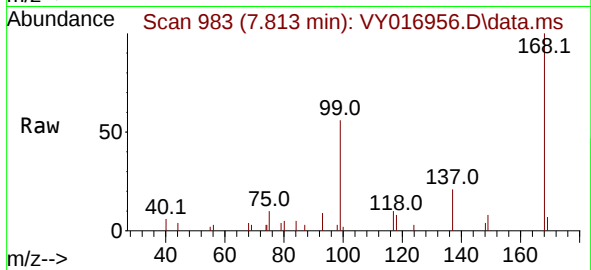




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

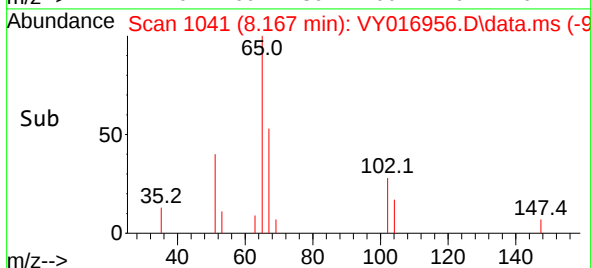
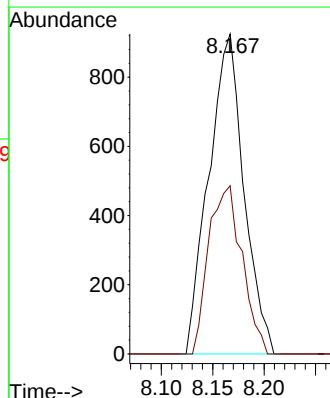
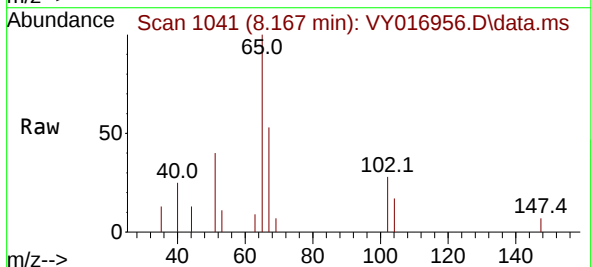
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 6691
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 33.161 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

Tgt Ion: 65 Resp: 2193
Ion Ratio Lower Upper
65 100
67 50.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016956.D

Acq: 09 Jan 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

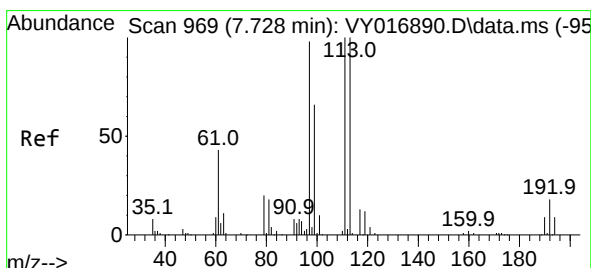
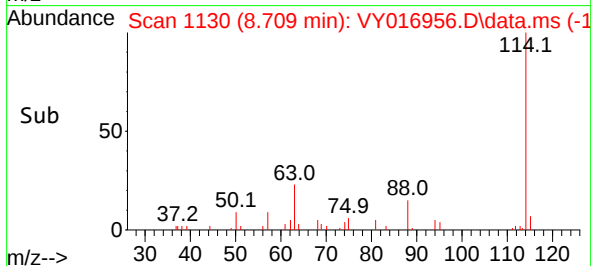
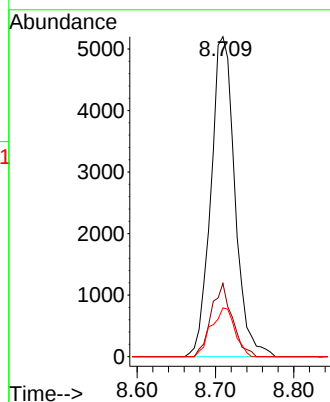
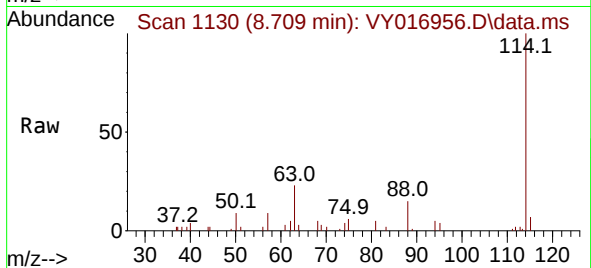
Tgt Ion:114 Resp: 11046

Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.378 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016956.D

Acq: 09 Jan 2024 18:08

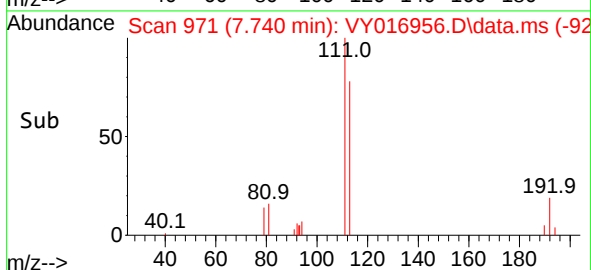
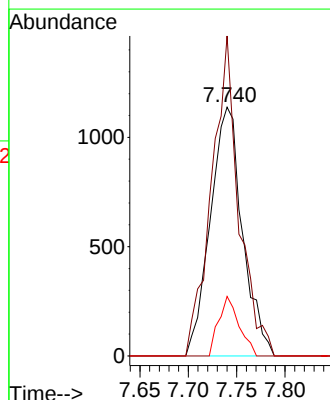
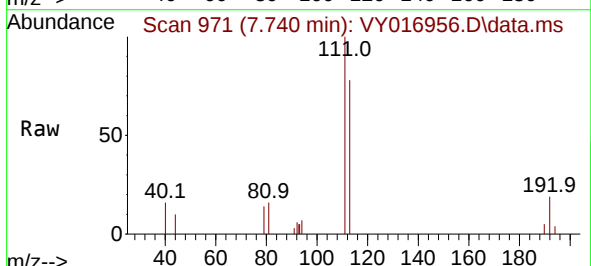
Tgt Ion:113 Resp: 2631

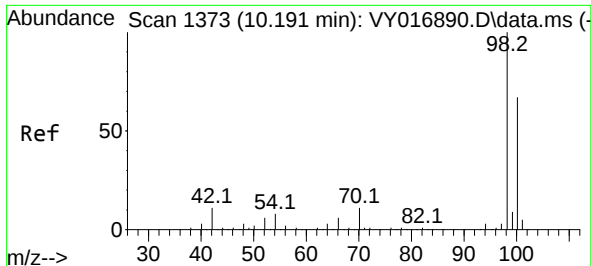
Ion Ratio Lower Upper

113 100

111 109.5 83.8 125.6

192 15.1 14.5 21.7

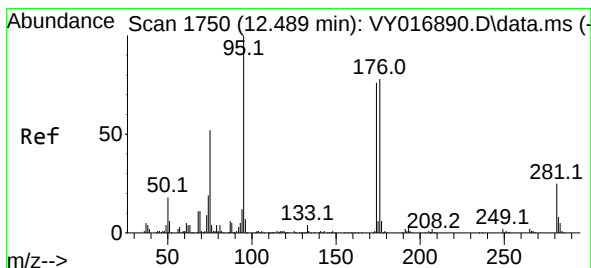
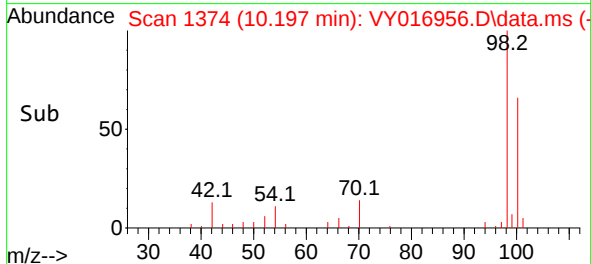
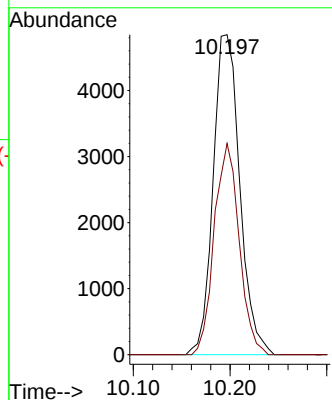
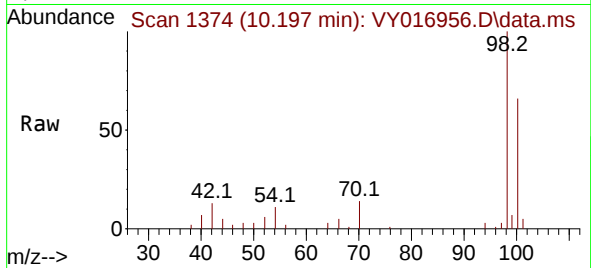




#50
Toluene-d8
Concen: 38.253 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

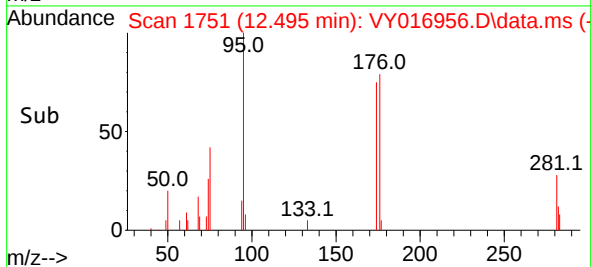
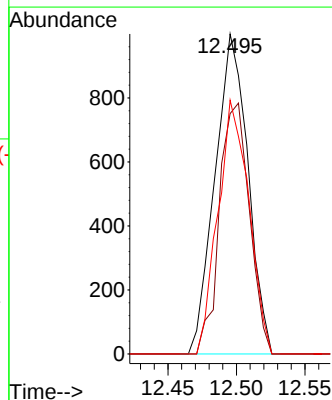
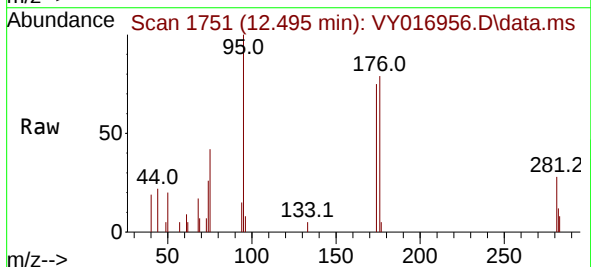
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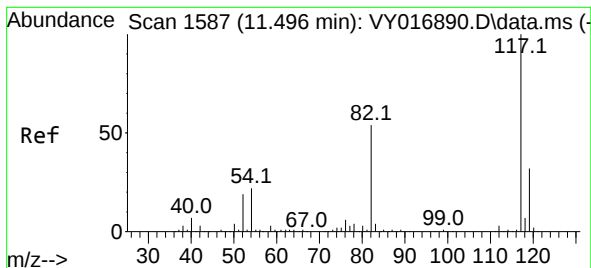
Tgt Ion: 98 Resp: 9272
Ion Ratio Lower Upper
98 100
100 61.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 20.421 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016956.D
Acq: 09 Jan 2024 18:08

Tgt Ion: 95 Resp: 1670
Ion Ratio Lower Upper
95 100
174 71.4 0.0 160.0
176 74.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016956.D

Acq: 09 Jan 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

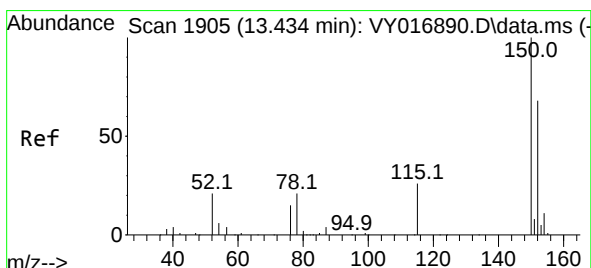
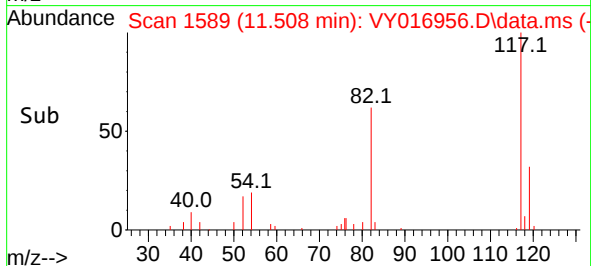
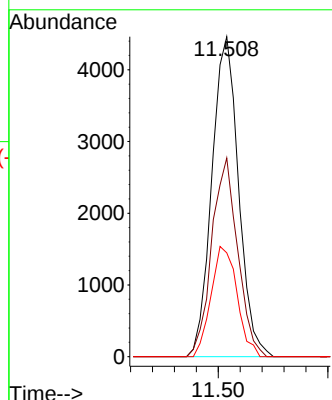
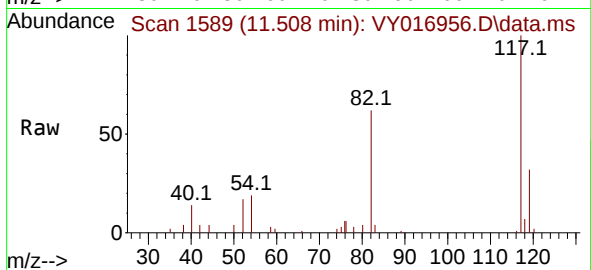
Tgt Ion:117 Resp: 7537

Ion Ratio Lower Upper

117 100

82 62.1 43.8 65.8

119 32.5 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: VY016956.D

Acq: 09 Jan 2024 18:08

Tgt Ion:152 Resp: 1430

Ion Ratio Lower Upper

152 100

115 55.9 30.0 90.0

150 147.8 0.0 344.6

