

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
 Data File : VY015762.D
 Acq On : 29 Sep 2023 18:39
 Operator : SY/MD
 Sample : 04642-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-01-09272023

Quant Time: Sep 30 02:26:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	89878	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	156779	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	145704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	60992	61.676	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.360%	
35) Dibromofluoromethane	7.728	113	52251	55.682	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.360%	
50) Toluene-d8	10.191	98	186470	58.607	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.220%	
62) 4-Bromofluorobenzene	12.489	95	60467	48.428	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.860%	

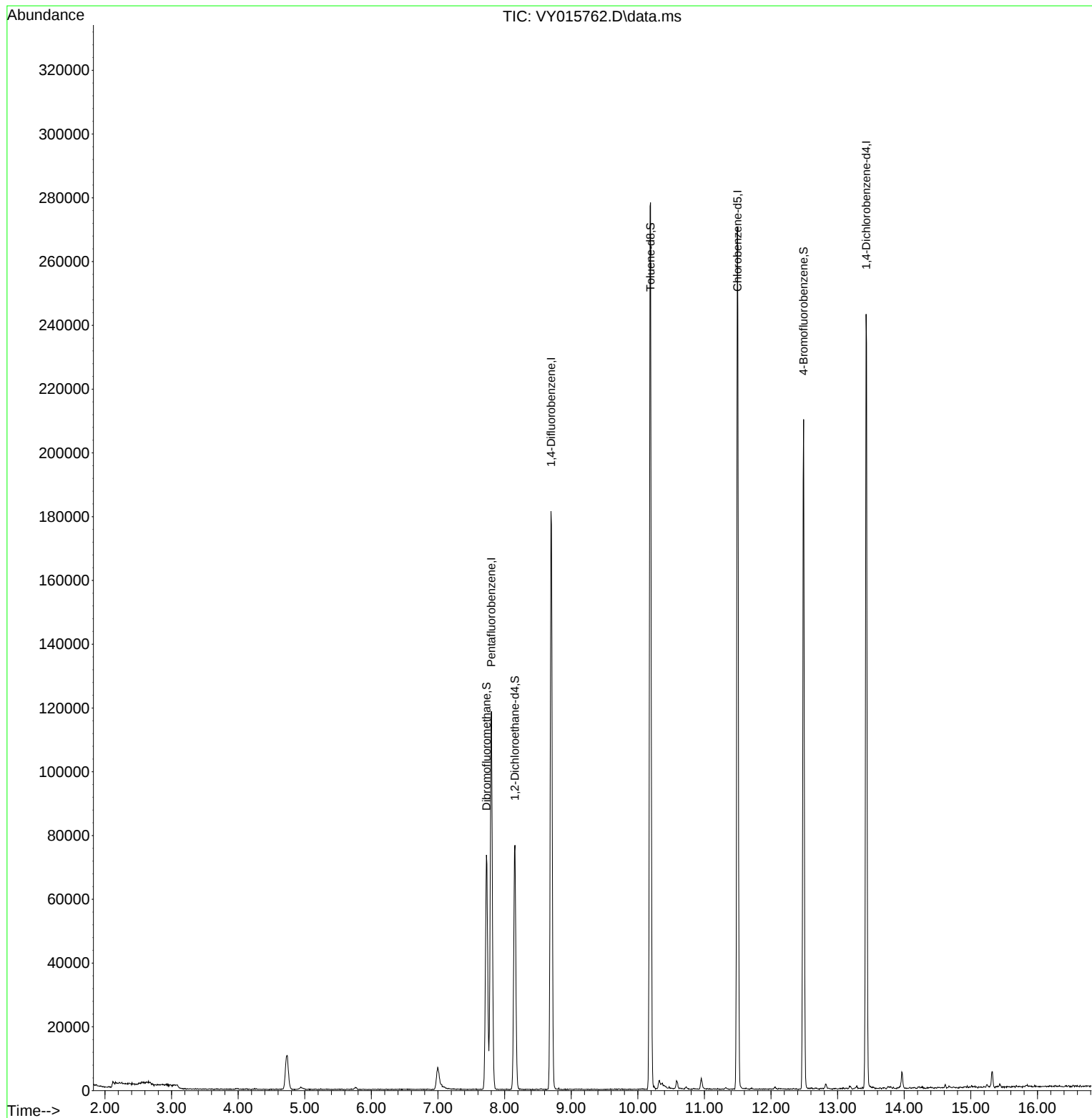
Target Compounds	Qvalue

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

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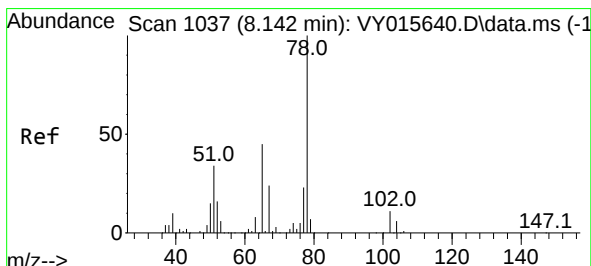
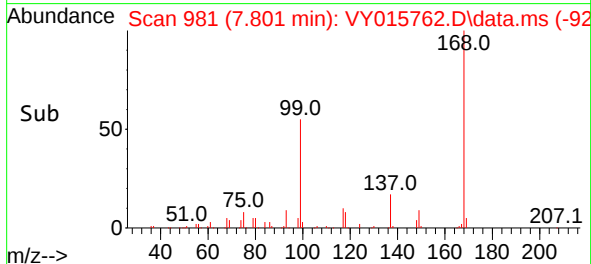
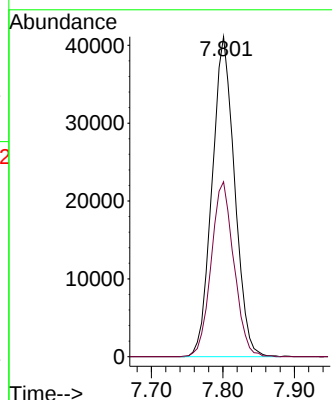
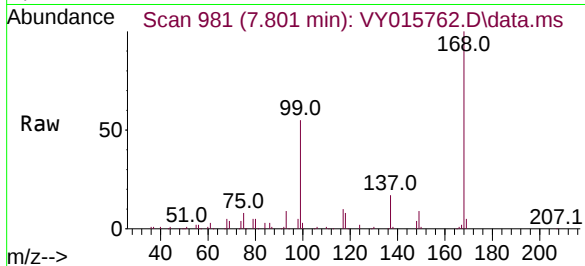




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015762.D
Acq: 29 Sep 2023 18:39

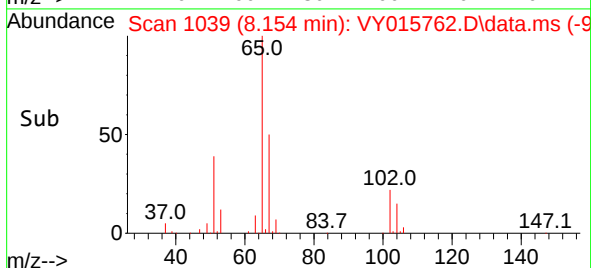
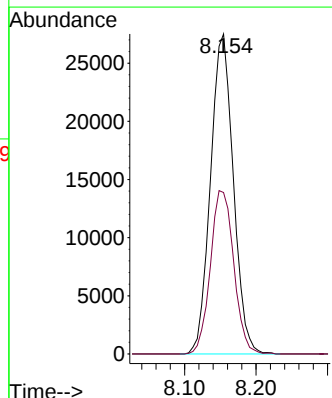
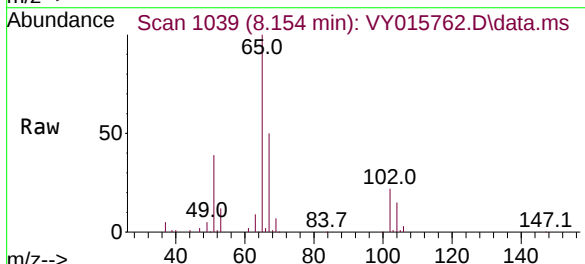
Instrument :
MSVOA_Y
ClientSampleId :
PAT-01-09272023

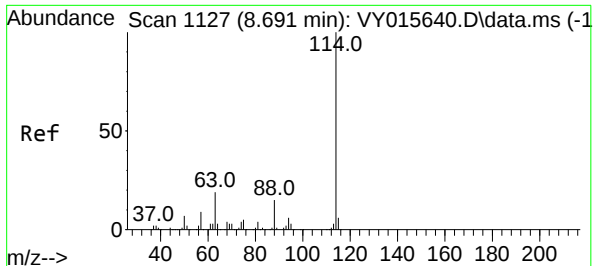
Tgt Ion:168 Resp: 89878
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.676 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.018 min
Lab File: VY015762.D
Acq: 29 Sep 2023 18:39

Tgt Ion: 65 Resp: 60992
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY015762.D

Acq: 29 Sep 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

PAT-01-09272023

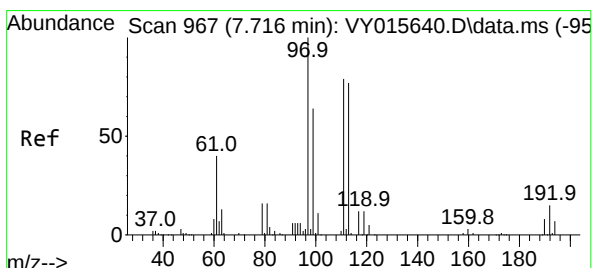
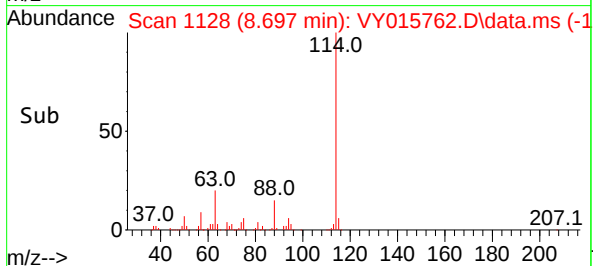
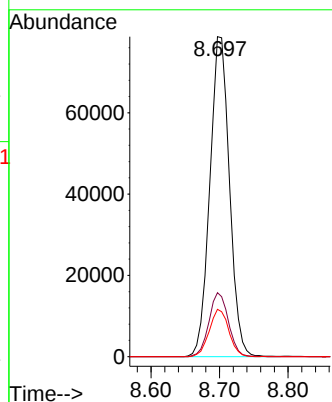
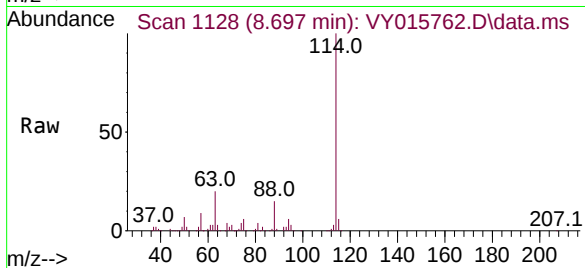
Tgt Ion:114 Resp: 156779

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.682 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015762.D

Acq: 29 Sep 2023 18:39

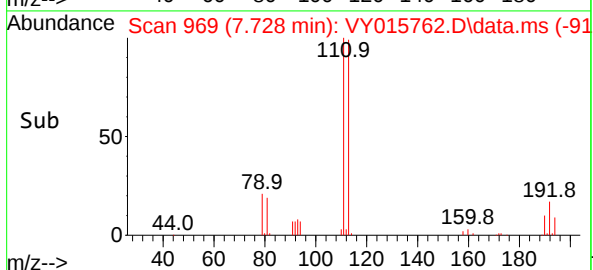
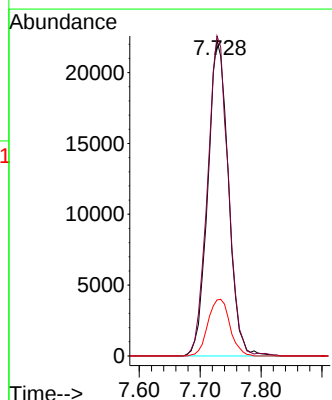
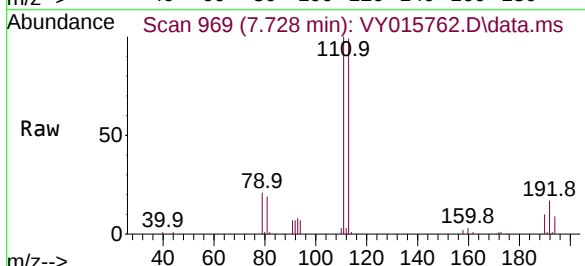
Tgt Ion:113 Resp: 52251

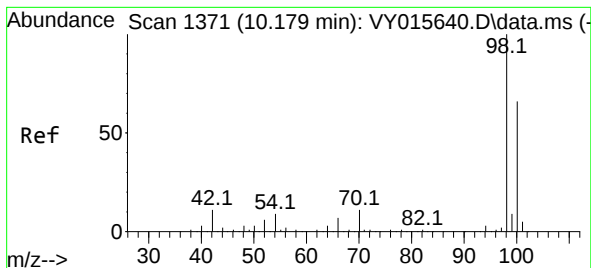
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.1 16.9 25.3





#50

Toluene-d8

Concen: 58.607 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015762.D

Acq: 29 Sep 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

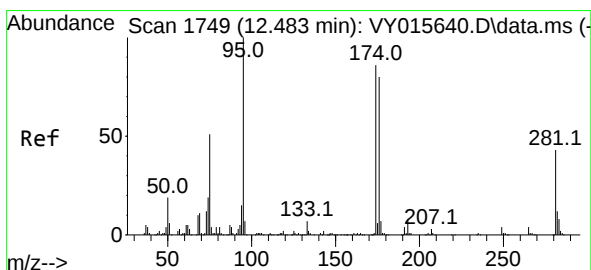
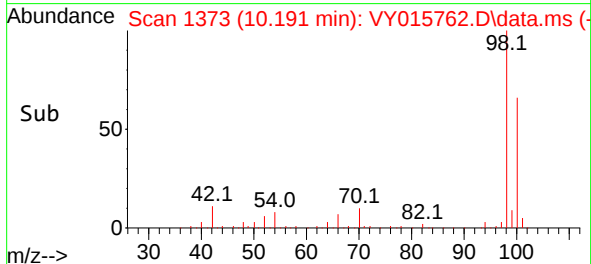
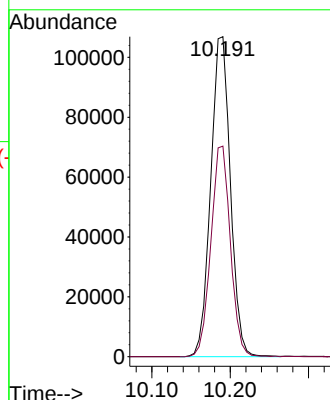
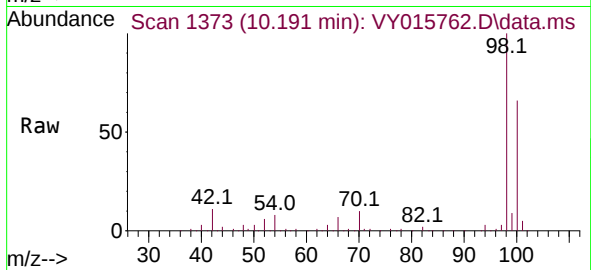
PAT-01-09272023

Tgt Ion: 98 Resp: 186470

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.428 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.012 min

Lab File: VY015762.D

Acq: 29 Sep 2023 18:39

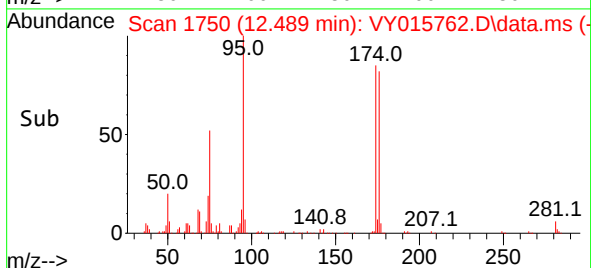
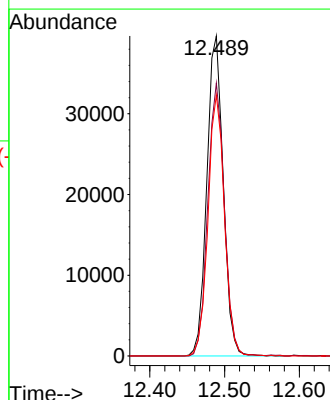
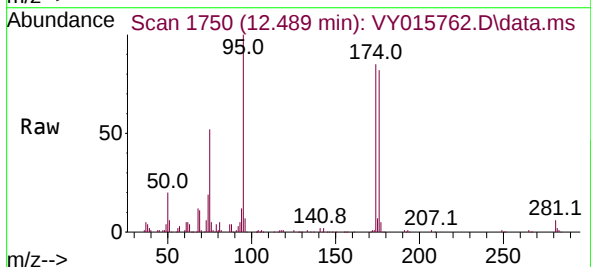
Tgt Ion: 95 Resp: 60467

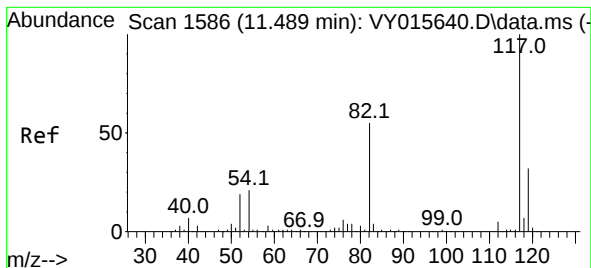
Ion Ratio Lower Upper

95 100

174 86.1 0.0 178.2

176 81.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015762.D

Acq: 29 Sep 2023 18:39

Instrument :

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ClientSampleId :

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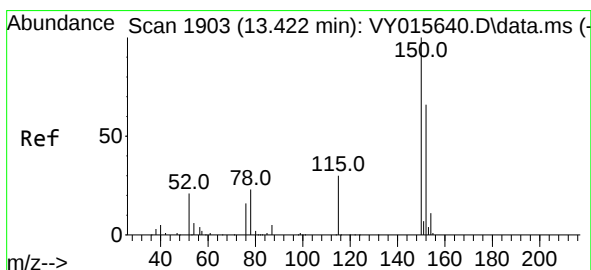
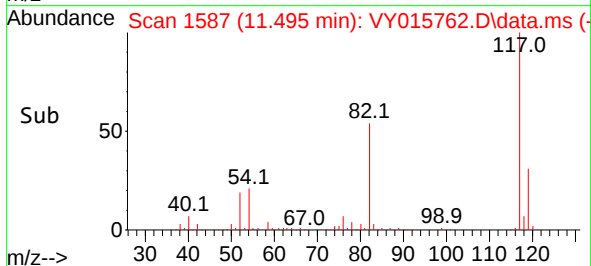
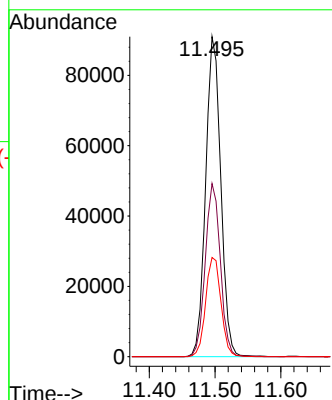
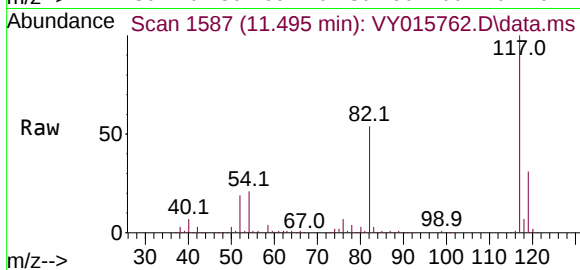
Tgt Ion:117 Resp: 145704

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015762.D

Acq: 29 Sep 2023 18:39

Tgt Ion:152 Resp: 62389

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 157.8 0.0 348.8

