

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014449.D
 Acq On : 27 Jun 2023 11:41
 Operator : KP/MD
 Sample : VY0627SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBL01

Quant Time: Jun 27 16:42:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	170728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	243062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119512	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113714	53.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.300%
35) Dibromofluoromethane	7.716	113	78815	49.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.179	98	302014	48.093	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.483	95	100486	44.821	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.640%

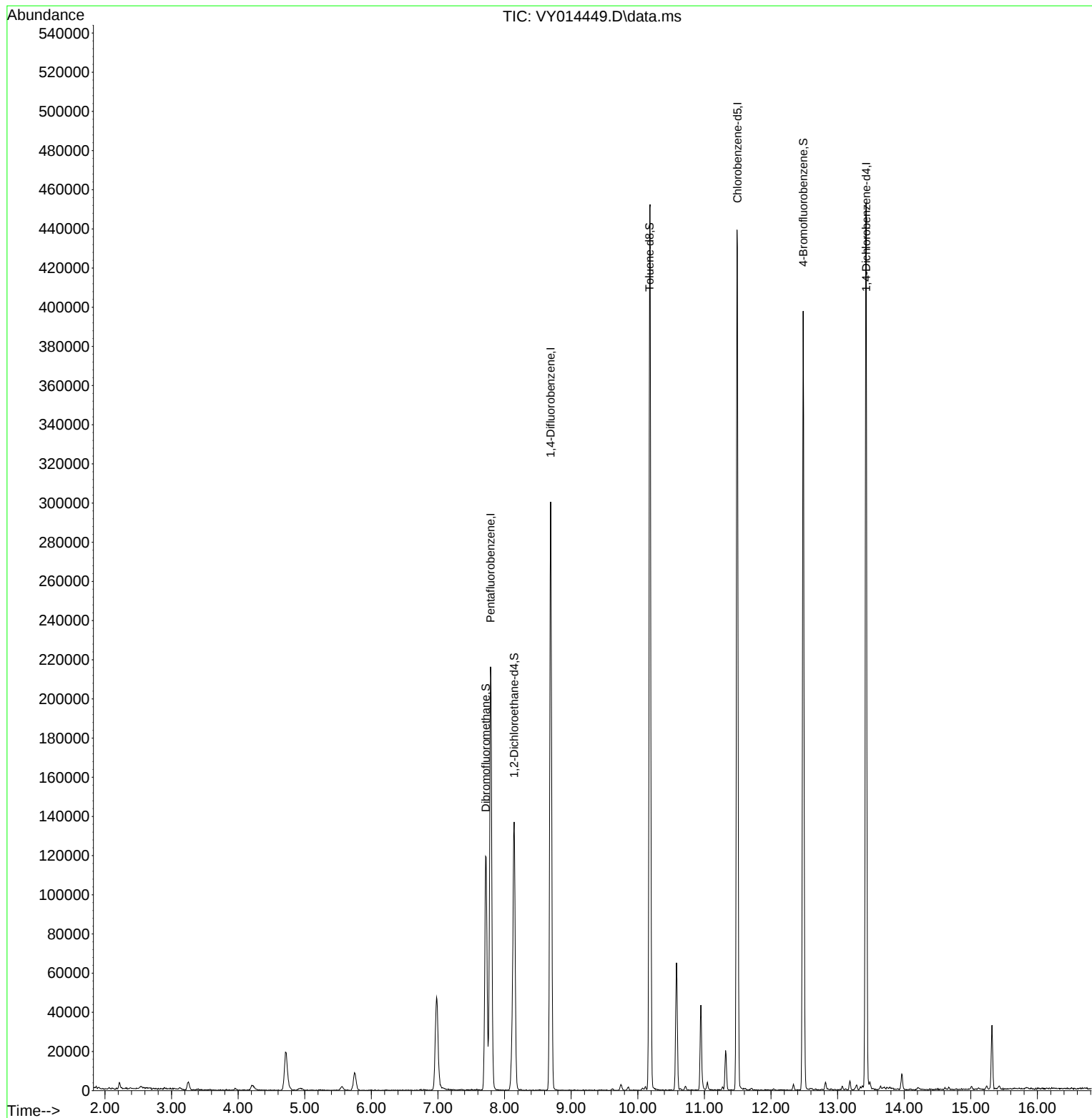
Target Compounds	Qvalue

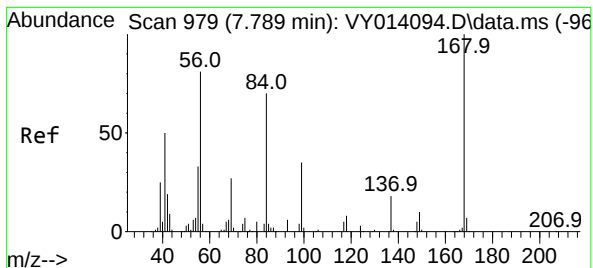
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 23 17:18:46 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

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Instrument :

MSVOA_Y

ClientSampleId :

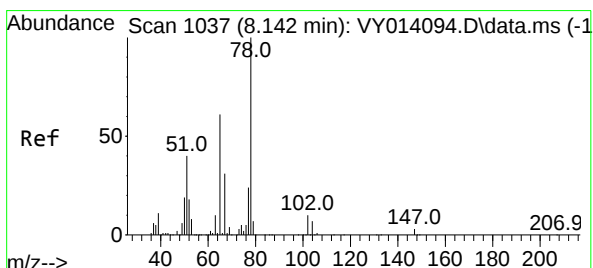
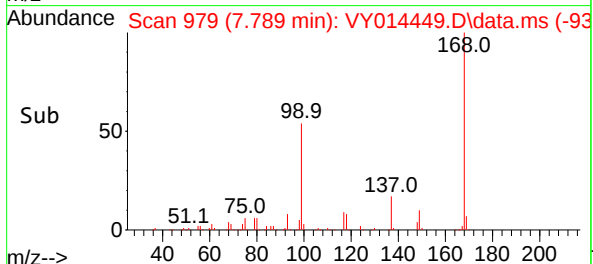
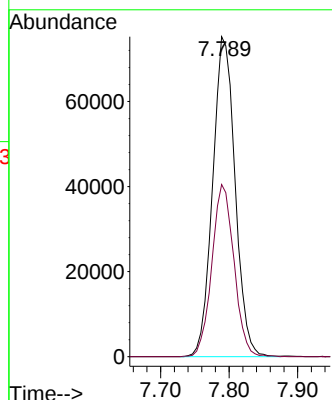
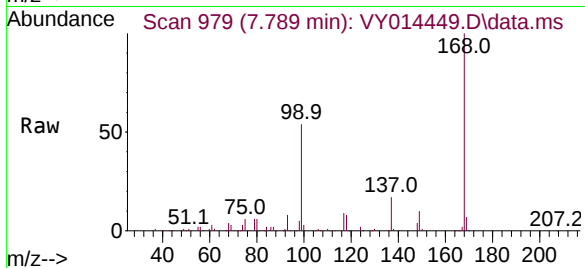
VY0627SBL01

Tgt Ion:168 Resp: 170728

Ion Ratio Lower Upper

168 100

99 53.8 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 53.645 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014449.D

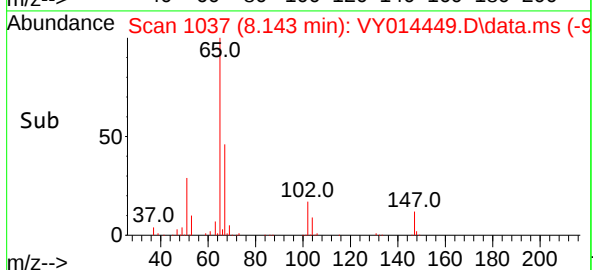
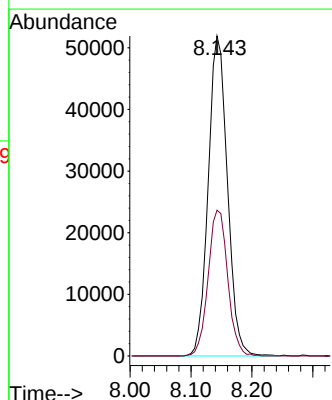
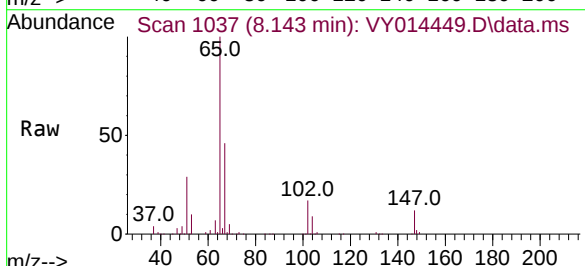
Acq: 27 Jun 2023 11:41

Tgt Ion: 65 Resp: 113714

Ion Ratio Lower Upper

65 100

67 46.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014449.D

Acq: 27 Jun 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBL01

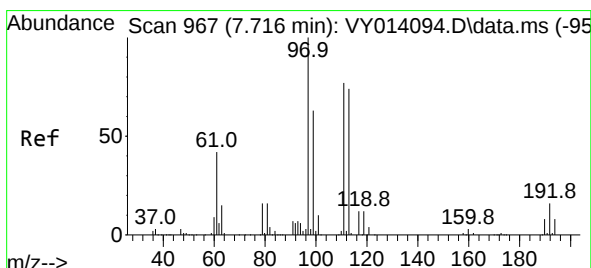
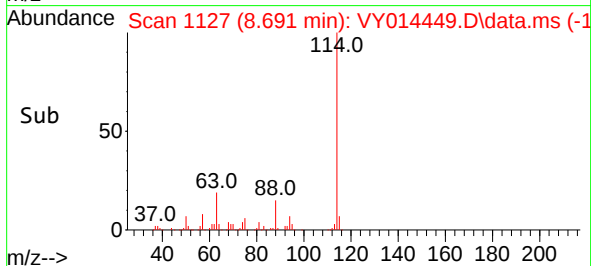
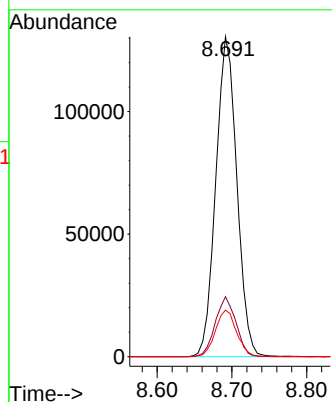
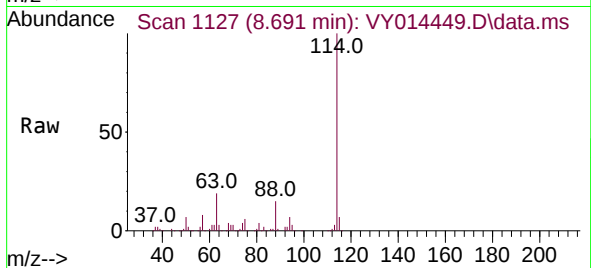
Tgt Ion:114 Resp: 255702

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.890 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014449.D

Acq: 27 Jun 2023 11:41

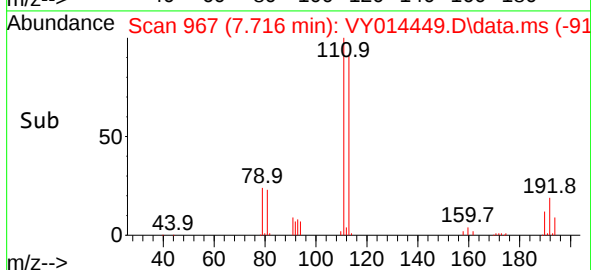
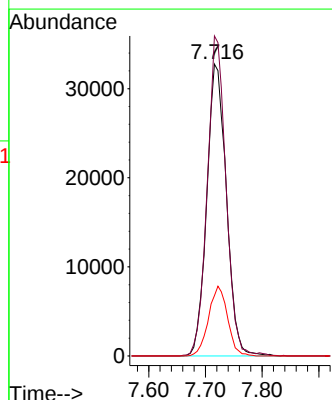
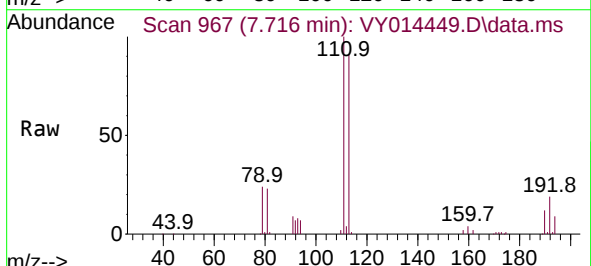
Tgt Ion:113 Resp: 78815

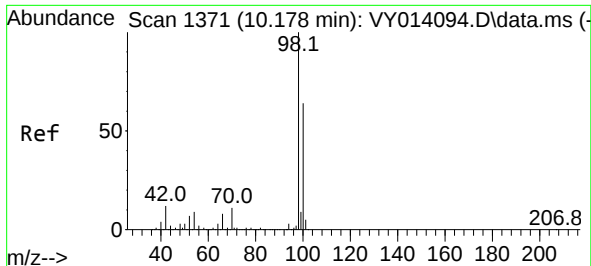
Ion Ratio Lower Upper

113 100

111 104.4 81.3 121.9

192 23.1 16.9 25.3

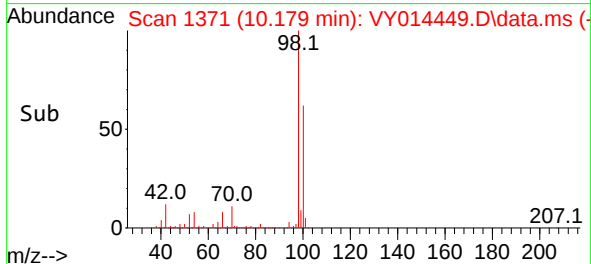
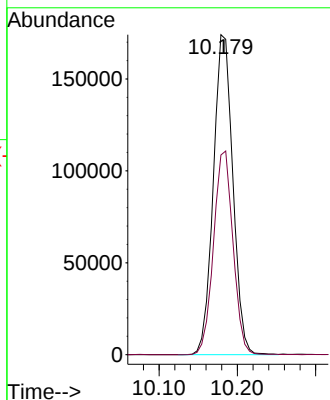
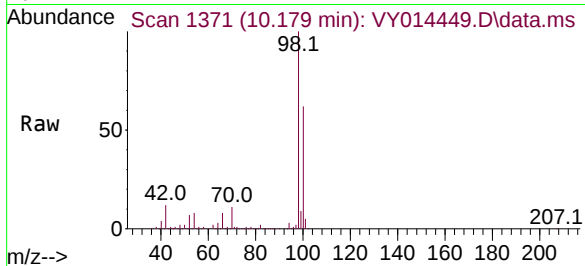




#50
Toluene-d8
Concen: 48.093 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

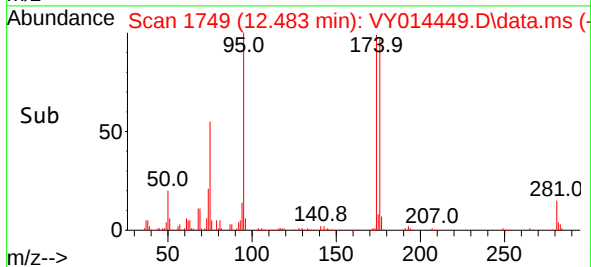
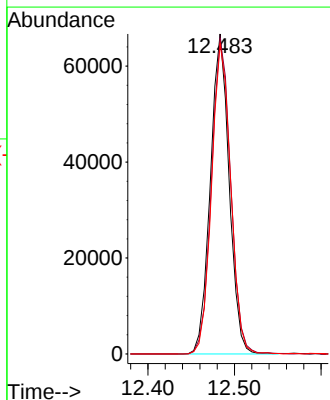
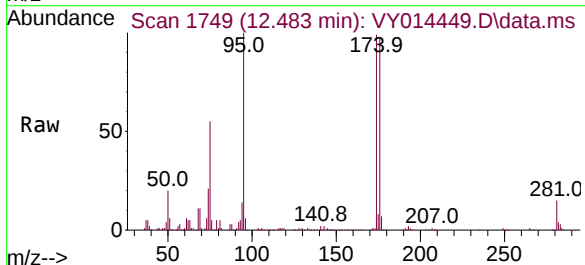
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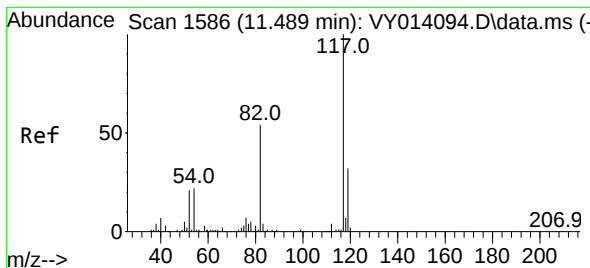
Tgt Ion: 98 Resp: 302014
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.821 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014449.D
Acq: 27 Jun 2023 11:41

Tgt Ion: 95 Resp: 100486
Ion Ratio Lower Upper
95 100
174 101.0 0.0 178.2
176 98.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014449.D

Acq: 27 Jun 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBL01

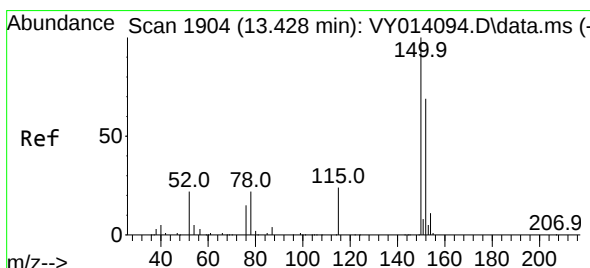
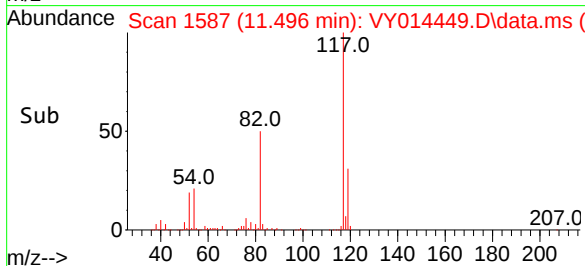
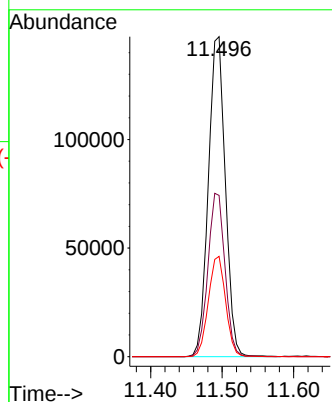
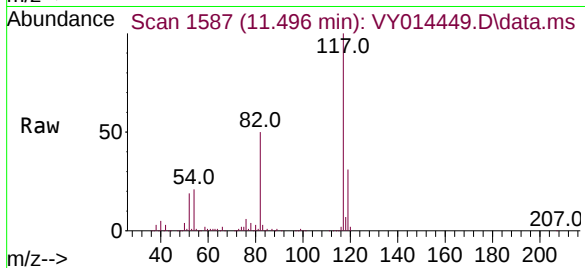
Tgt Ion:117 Resp: 243062

Ion Ratio Lower Upper

117 100

82 50.4 43.4 65.0

119 31.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014449.D

Acq: 27 Jun 2023 11:41

Tgt Ion:152 Resp: 119512

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 156.4 0.0 348.8

