

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015724.D
 Acq On : 27 Sep 2023 14:58
 Operator : SY/MD
 Sample : 04621-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-287

Quant Time: Sep 28 00:45:58 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	7.789	168	111854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	195289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	176065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78456	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72741	59.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.220%
35) Dibromofluoromethane	7.716	113	62300	53.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.600%
50) Toluene-d8	10.185	98	229053	57.795	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.580%
62) 4-Bromofluorobenzene	12.483	95	75200	48.351	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.700%

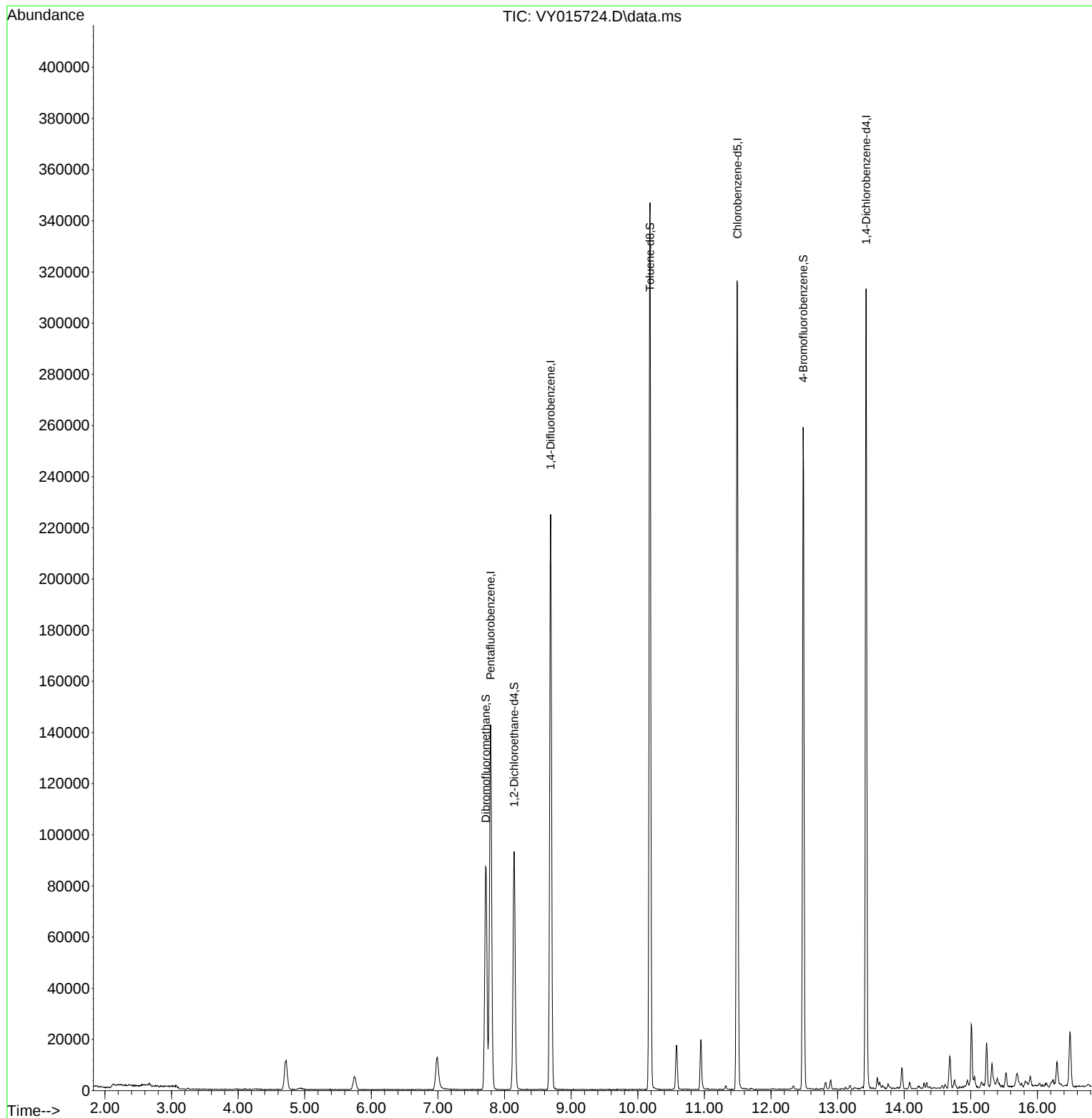
Target Compounds	Qvalue

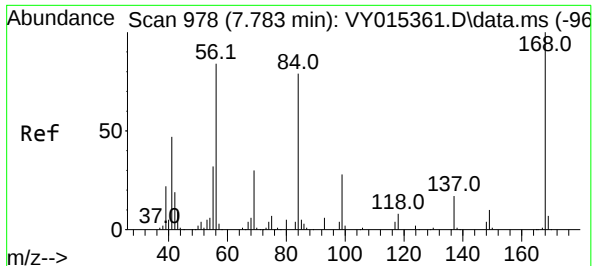
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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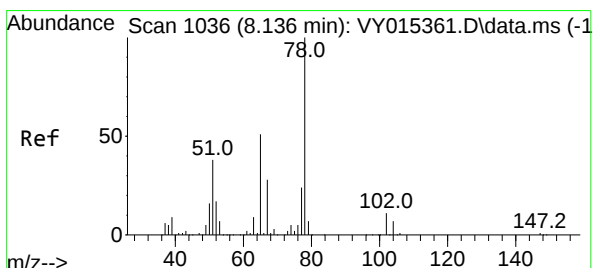
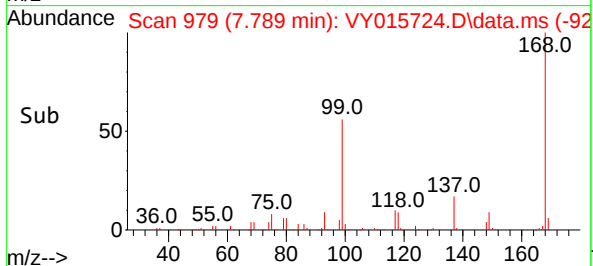
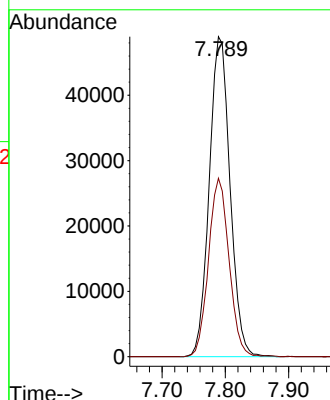
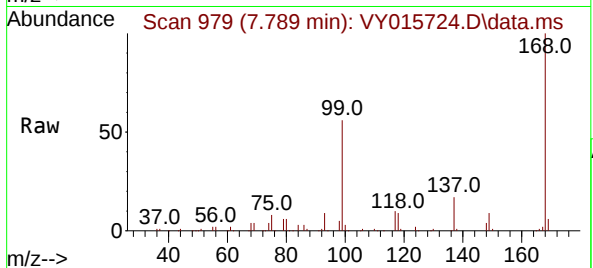




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015724.D
Acq: 27 Sep 2023 14:58

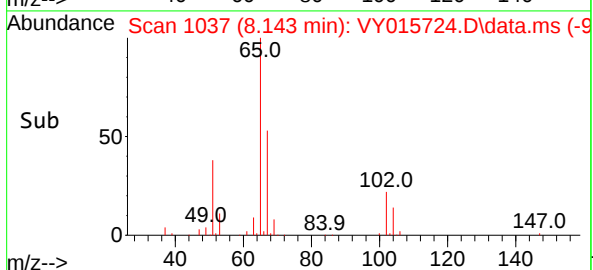
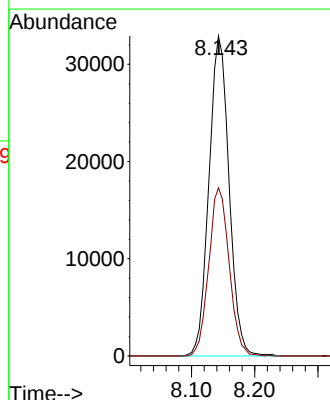
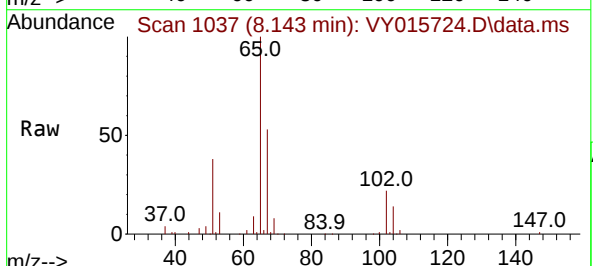
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-287

Tgt Ion:168 Resp: 111854
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.105 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015724.D
Acq: 27 Sep 2023 14:58

Tgt Ion: 65 Resp: 72741
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015724.D

Acq: 27 Sep 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-287

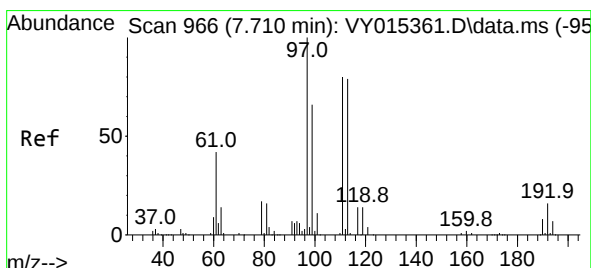
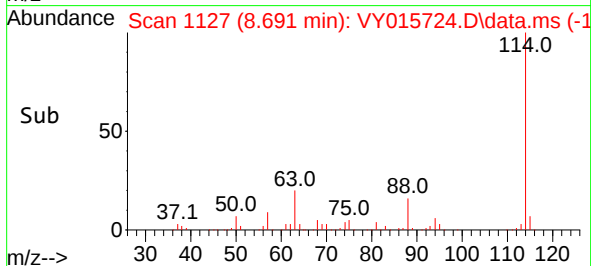
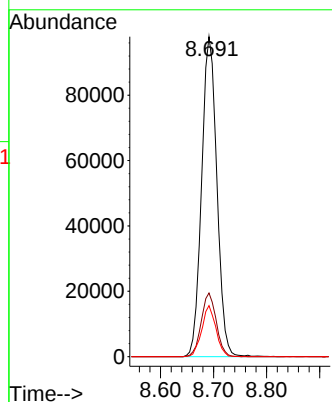
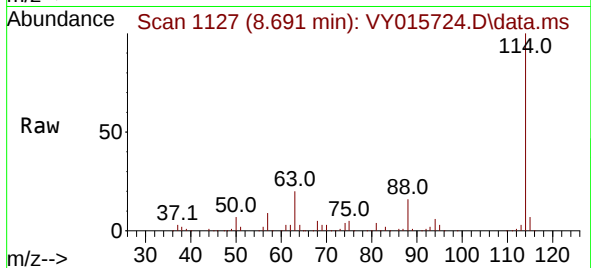
Tgt Ion:114 Resp: 195289

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.299 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015724.D

Acq: 27 Sep 2023 14:58

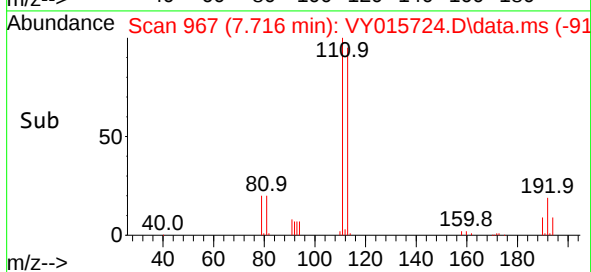
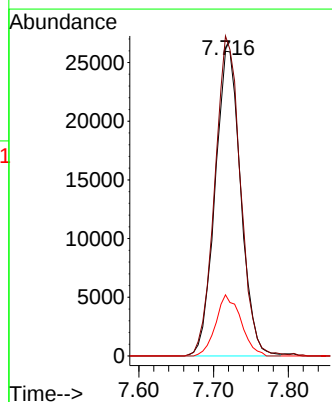
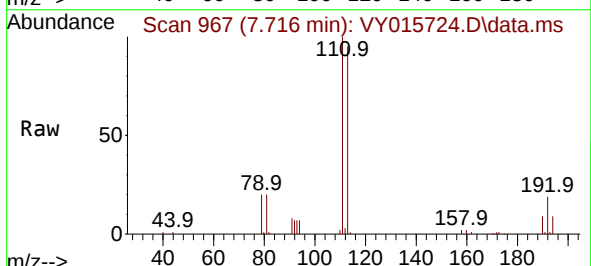
Tgt Ion:113 Resp: 62300

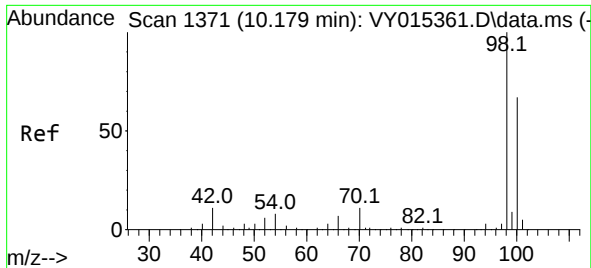
Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 19.6 16.9 25.3

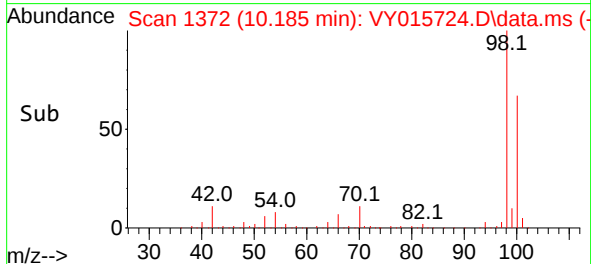
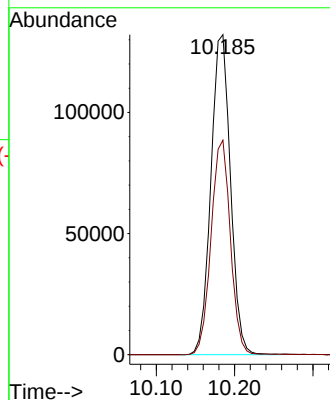
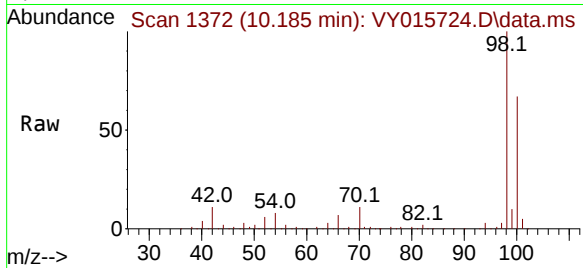




#50
Toluene-d8
Concen: 57.795 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015724.D
Acq: 27 Sep 2023 14:58

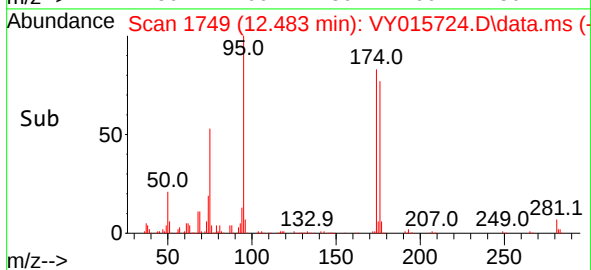
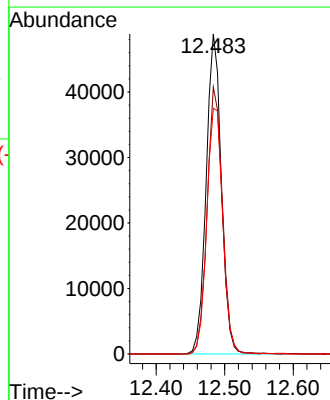
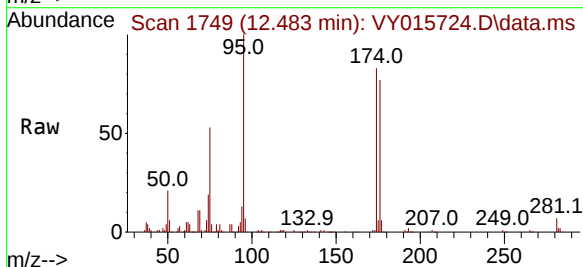
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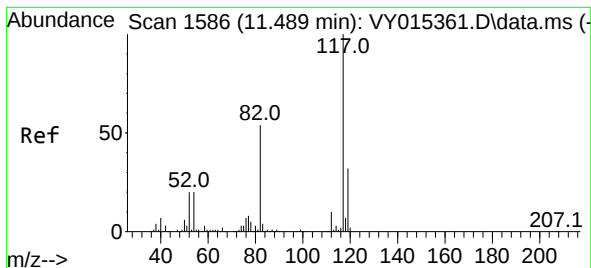
Tgt Ion: 98 Resp: 229053
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015724.D
Acq: 27 Sep 2023 14:58

Tgt Ion: 95 Resp: 75200
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.1 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: VY015724.D

Acq: 27 Sep 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-287

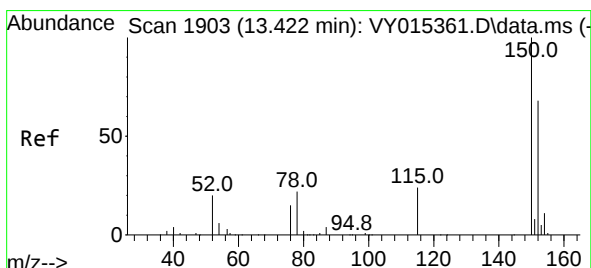
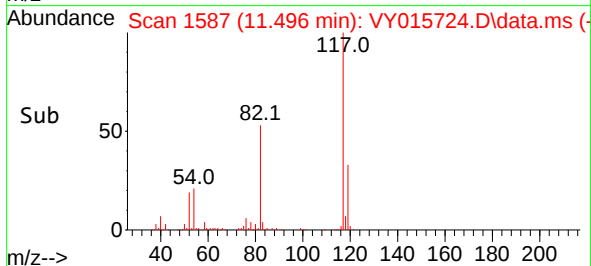
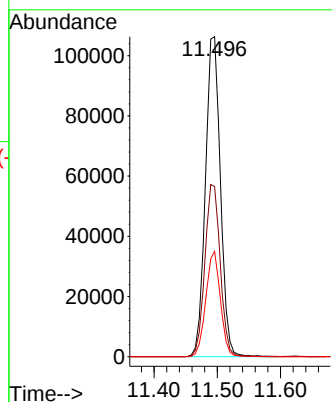
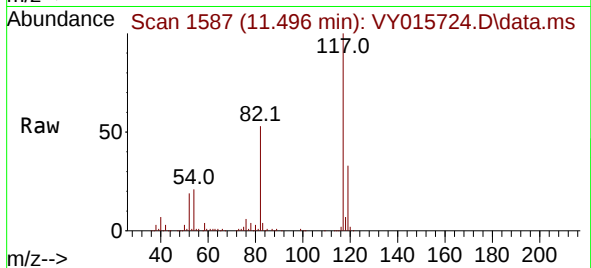
Tgt Ion:117 Resp: 176065

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.9 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: VY015724.D

Acq: 27 Sep 2023 14:58

Tgt Ion:152 Resp: 78456

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 159.8 0.0 348.8

