

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014457.D
 Acq On : 27 Jun 2023 14:48
 Operator : KP/MD
 Sample : 03409-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-062323RE

Quant Time: Jun 28 01:56:22 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	7.795	168	13727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	19430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	16962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8681	50.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.880%
35) Dibromofluoromethane	7.722	113	6217	51.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.185	98	22273	46.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.360%
62) 4-Bromofluorobenzene	12.483	95	6072	35.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.280%

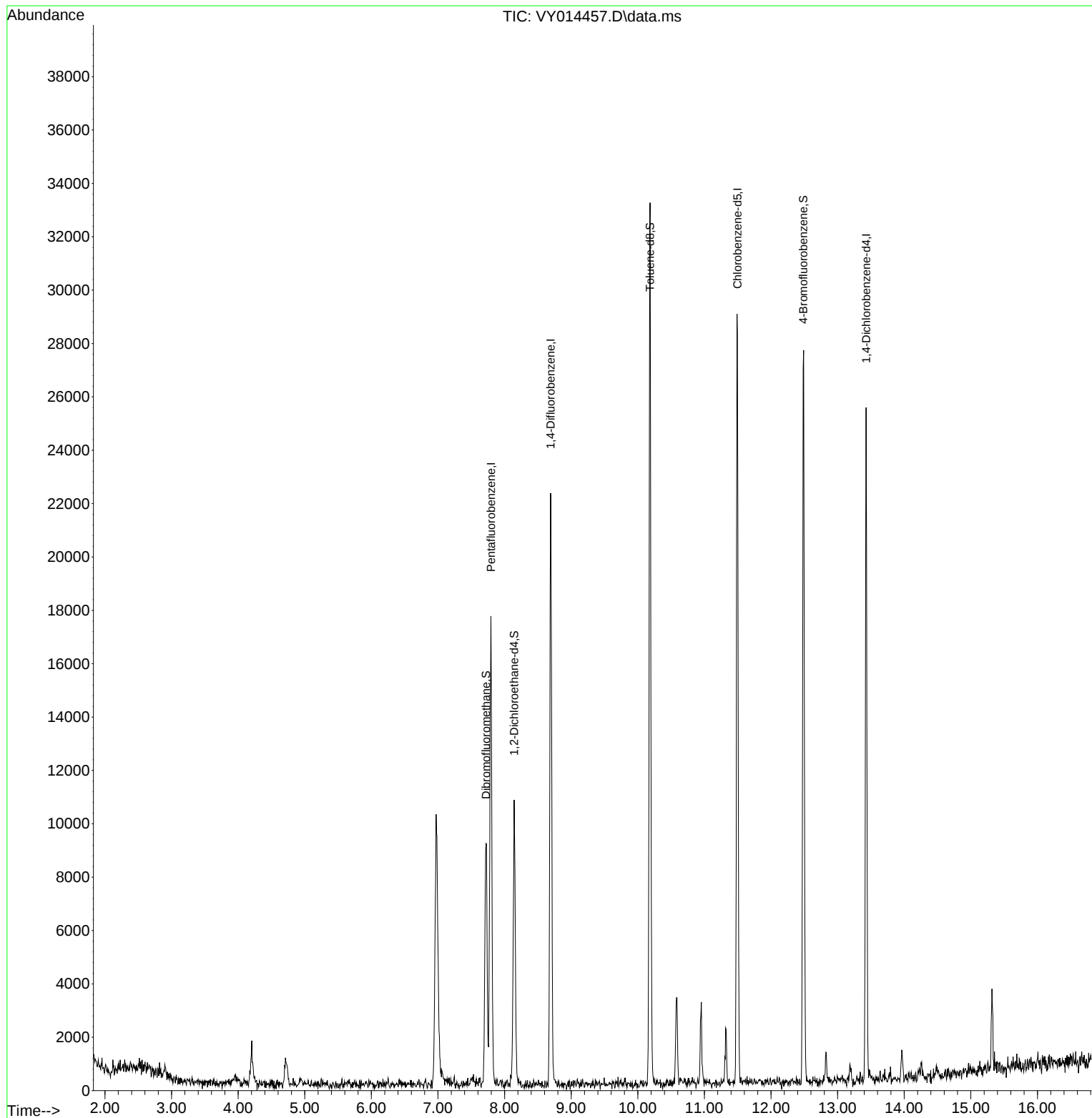
Target Compounds	Qvalue

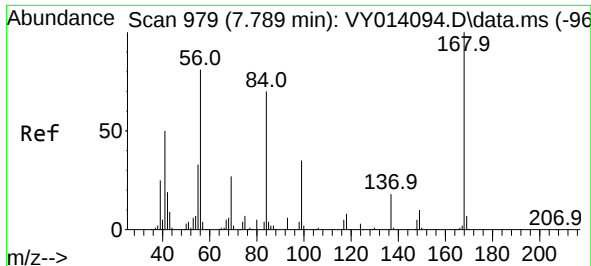
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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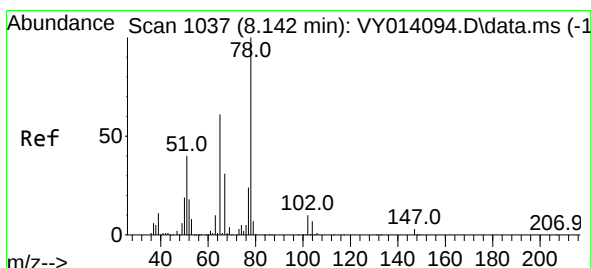
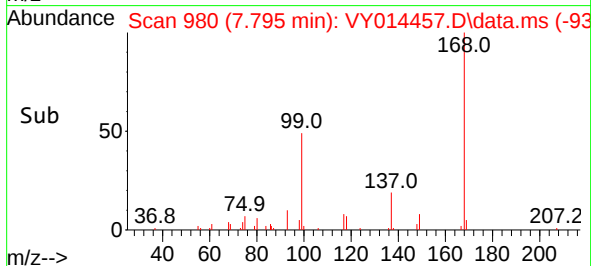
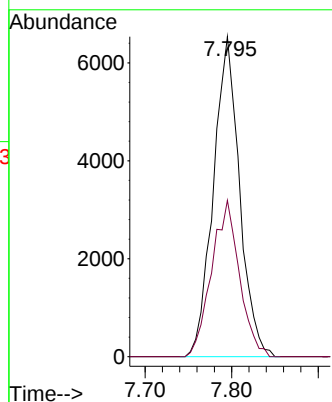
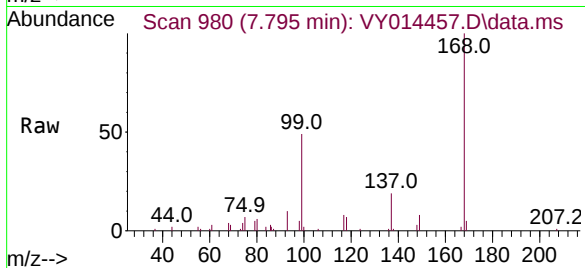




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

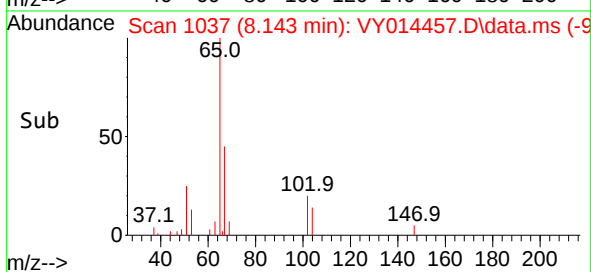
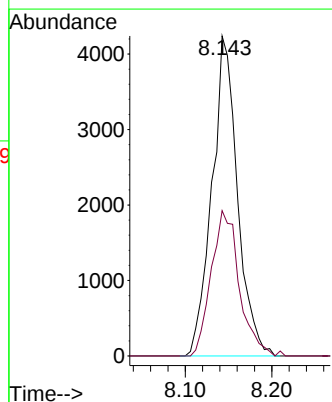
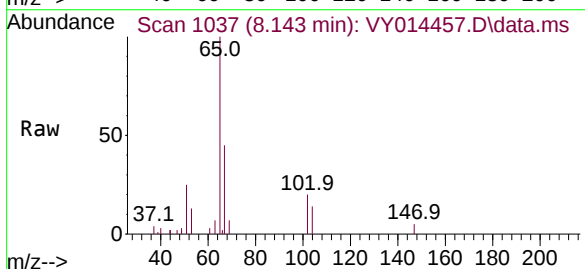
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-062323RE

Tgt Ion:168 Resp: 13727
Ion Ratio Lower Upper
168 100
99 48.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.935 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014457.D
Acq: 27 Jun 2023 14:48

Tgt Ion: 65 Resp: 8681
Ion Ratio Lower Upper
65 100
67 50.0 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: VY014457.D

Acq: 27 Jun 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

OE-1-062323RE

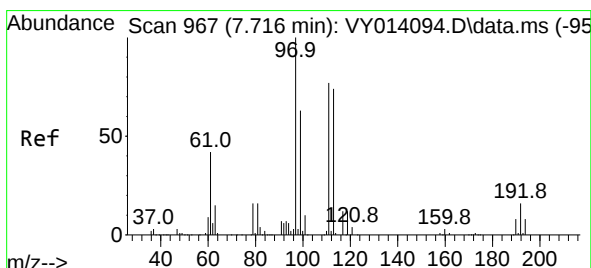
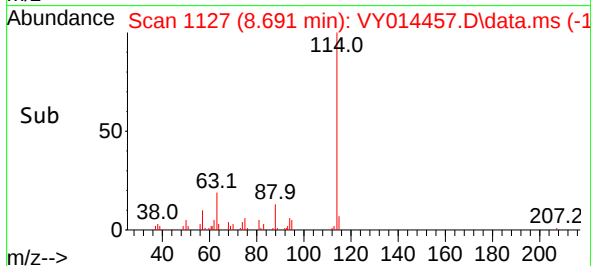
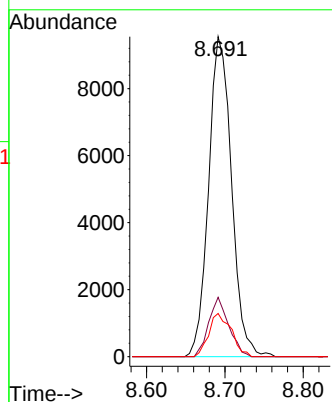
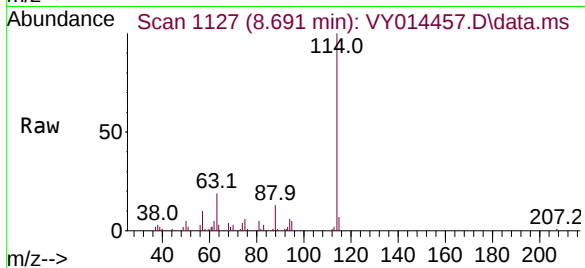
Tgt Ion:114 Resp: 19430

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.790 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014457.D

Acq: 27 Jun 2023 14:48

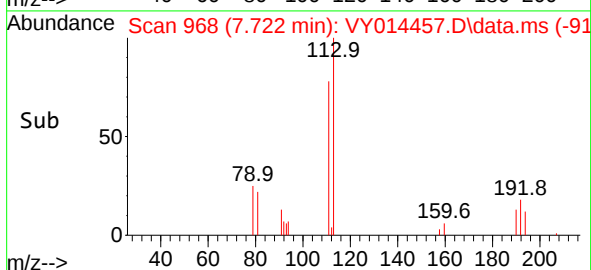
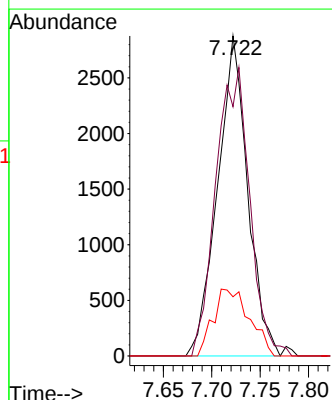
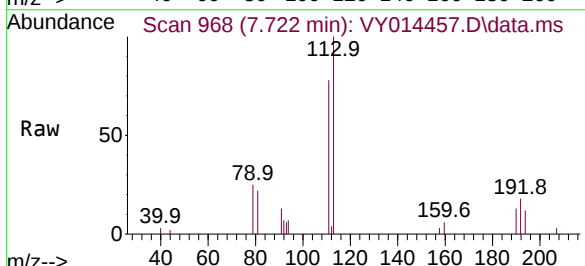
Tgt Ion:113 Resp: 6217

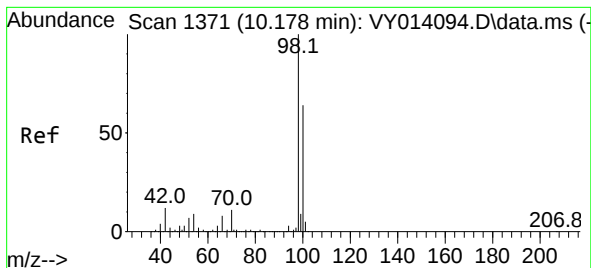
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 25.2 16.9 25.3





#50

Toluene-d8

Concen: 46.676 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014457.D

Acq: 27 Jun 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

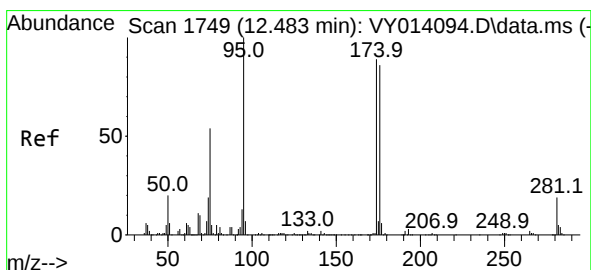
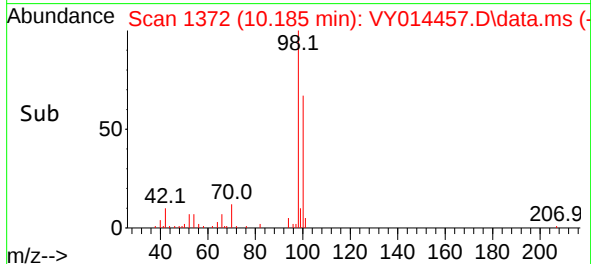
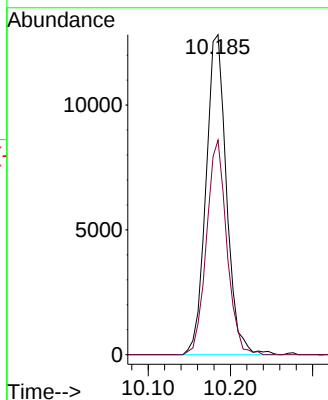
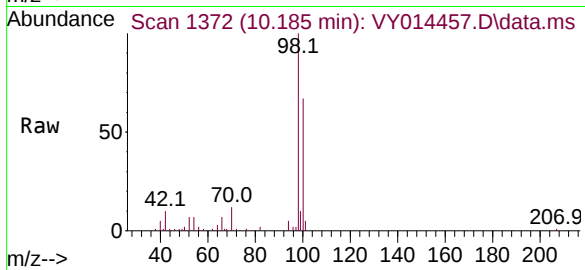
OE-1-062323RE

Tgt Ion: 98 Resp: 22273

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 35.643 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014457.D

Acq: 27 Jun 2023 14:48

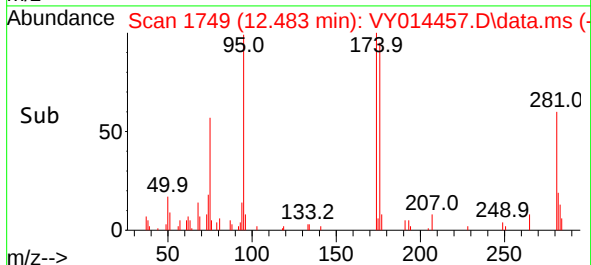
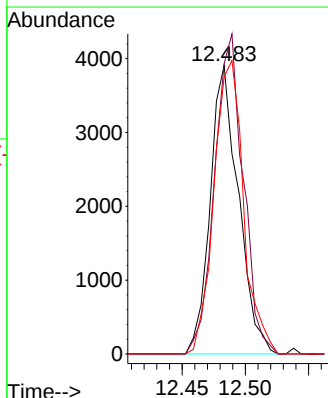
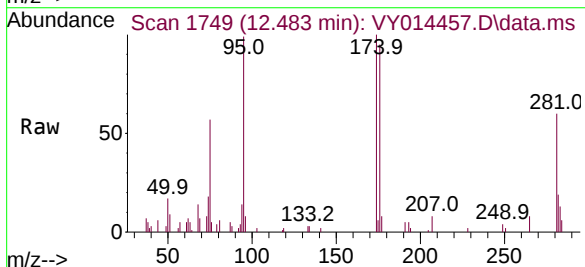
Tgt Ion: 95 Resp: 6072

Ion Ratio Lower Upper

95 100

174 112.0 0.0 178.2

176 105.9 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: VY014457.D

Acq: 27 Jun 2023 14:48

Instrument :

MSVOA_Y

ClientSampleId :

OE-1-062323RE

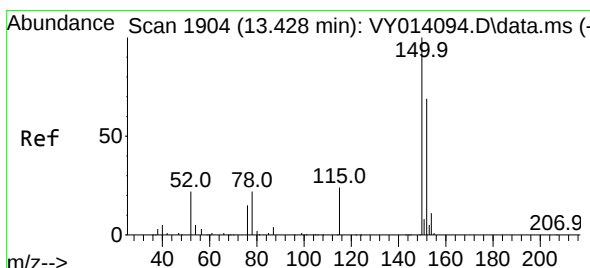
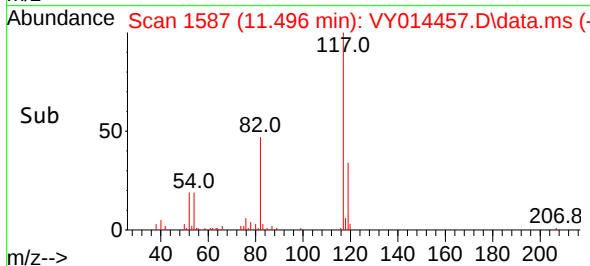
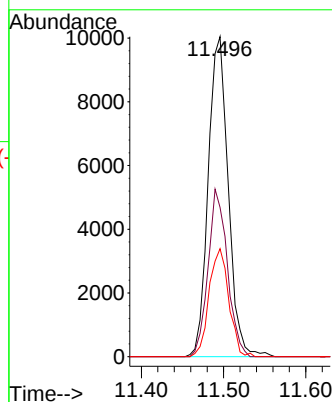
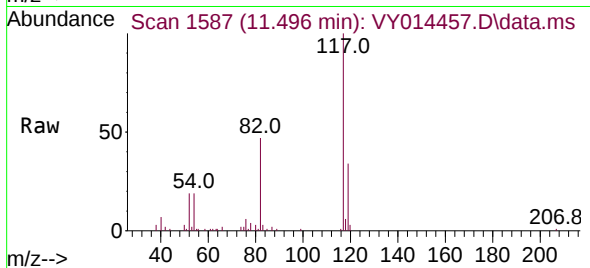
Tgt Ion:117 Resp: 16962

Ion Ratio Lower Upper

117 100

82 46.7 43.4 65.0

119 33.8 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: VY014457.D

Acq: 27 Jun 2023 14:48

Tgt Ion:152 Resp: 7022

Ion Ratio Lower Upper

152 100

115 54.2 28.8 86.5

150 158.6 0.0 348.8

