

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012382.D
 Acq On : 27 Jan 2023 14:42
 Operator : KP/MD
 Sample : 01337-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-012723

Quant Time: Jan 30 02:41:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	155570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	257211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	245336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	95804	76.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.740%
35) Dibromofluoromethane	7.716	113	75794	55.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.300%
50) Toluene-d8	10.179	98	302653	65.478	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.960%
62) 4-Bromofluorobenzene	12.483	95	97776	50.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.860%

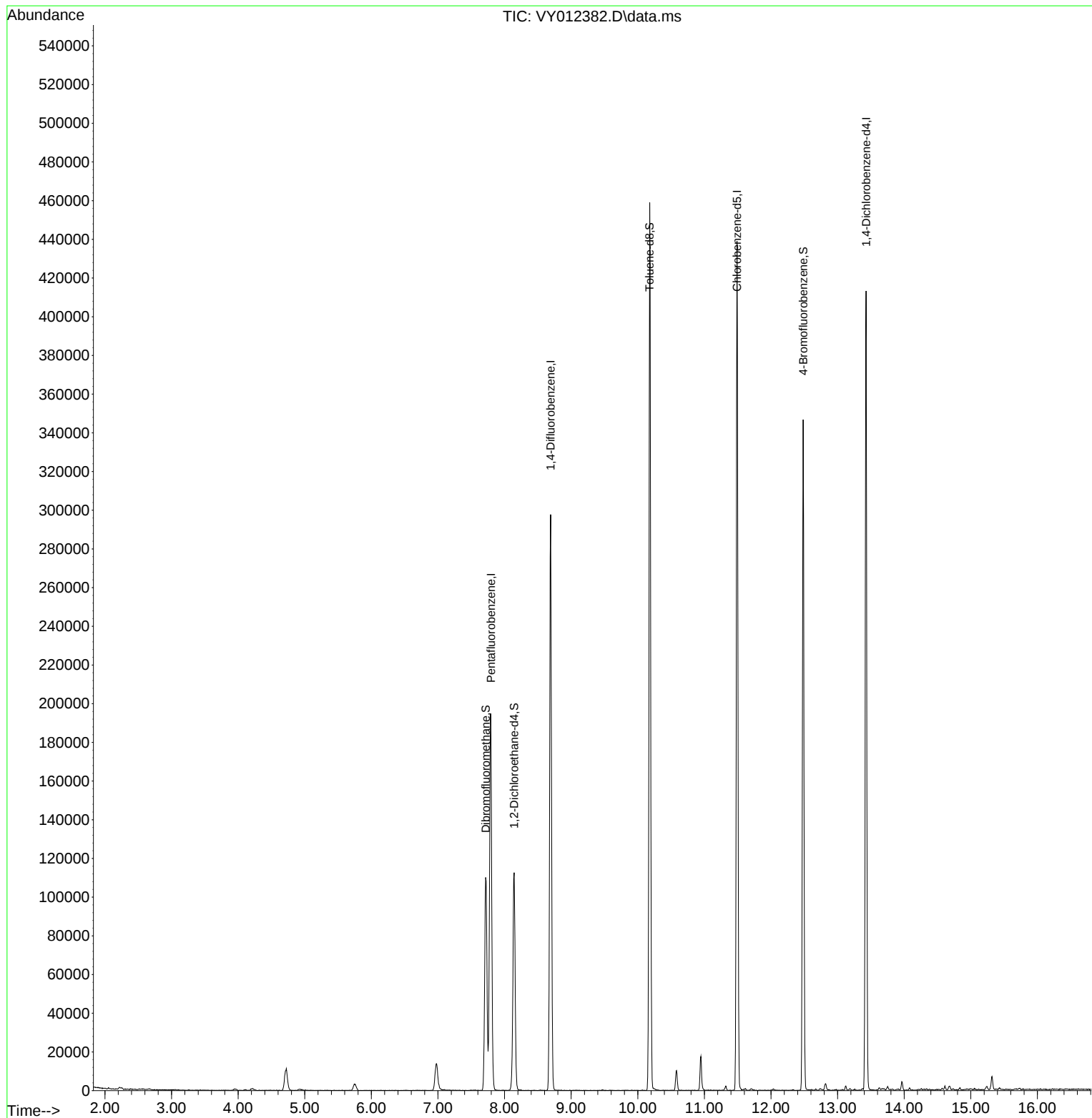
Target Compounds	Qvalue

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

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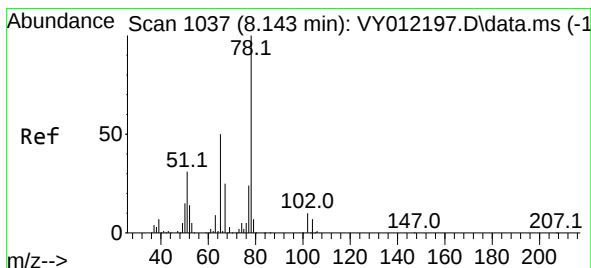
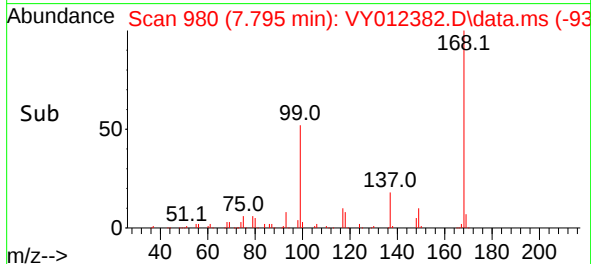
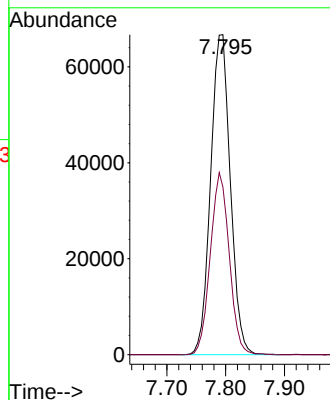
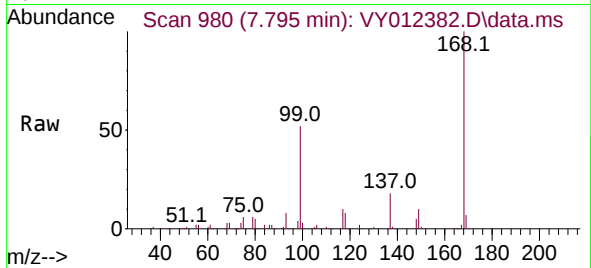




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012382.D
Acq: 27 Jan 2023 14:42

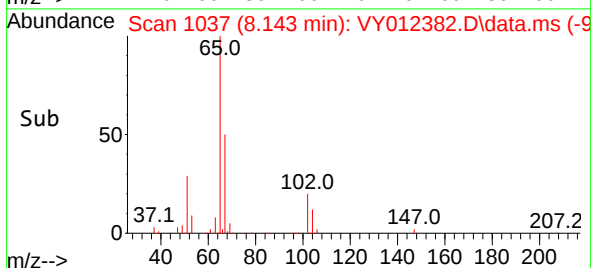
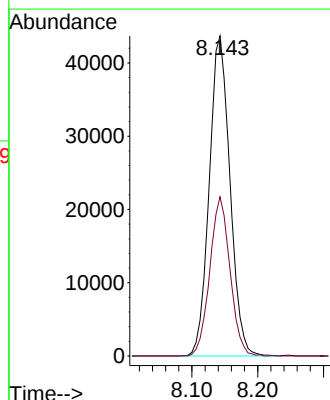
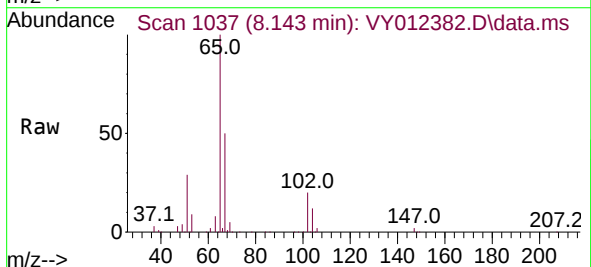
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-012723

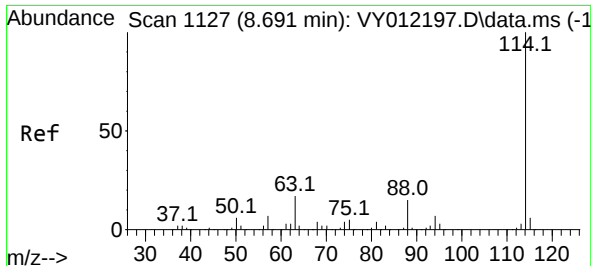
Tgt Ion:168 Resp: 155570
Ion Ratio Lower Upper
168 100
99 52.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.369 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012382.D
Acq: 27 Jan 2023 14:42

Tgt Ion: 65 Resp: 95804
Ion Ratio Lower Upper
65 100
67 48.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012382.D

Acq: 27 Jan 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-012723

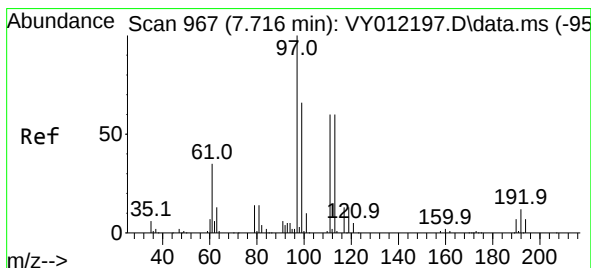
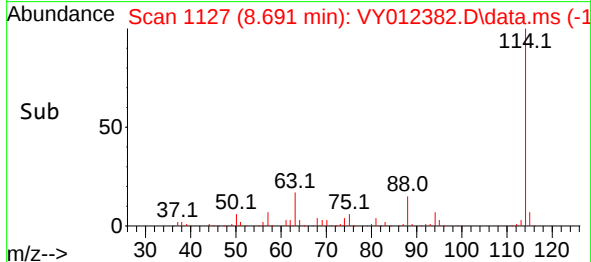
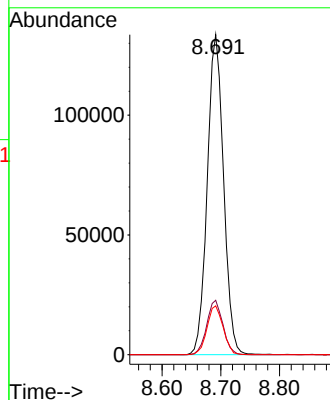
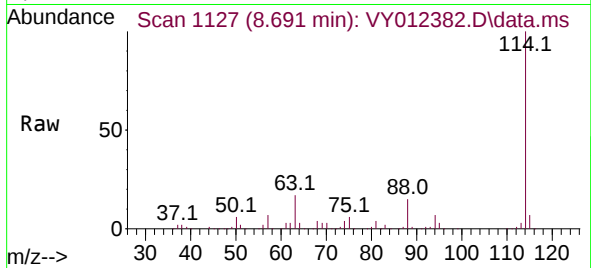
Tgt Ion:114 Resp: 257211

Ion Ratio Lower Upper

114 100

63 17.0 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.652 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012382.D

Acq: 27 Jan 2023 14:42

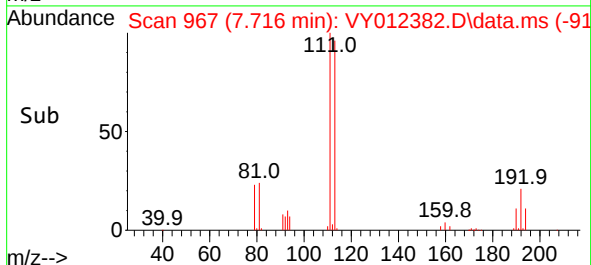
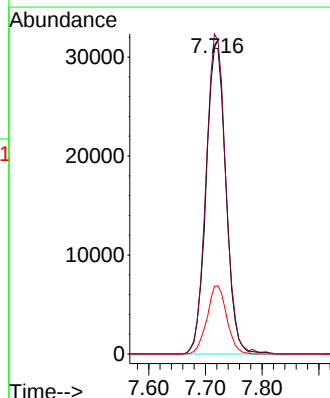
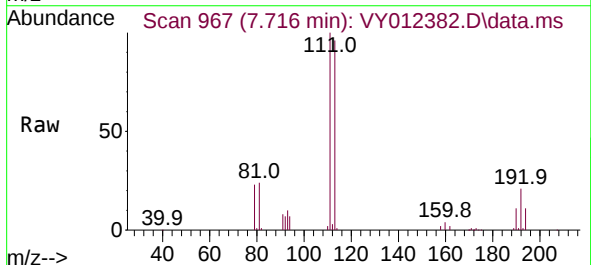
Tgt Ion:113 Resp: 75794

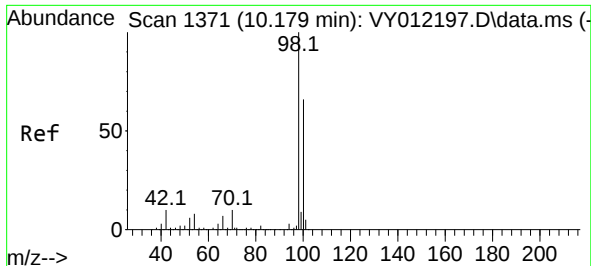
Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.4

192 21.9 16.0 24.0

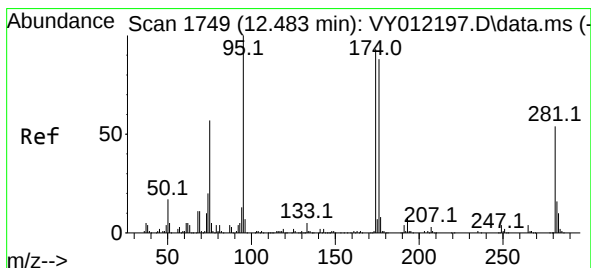
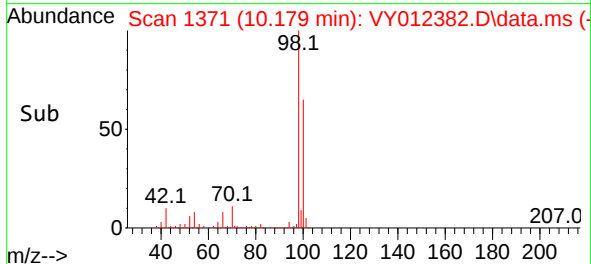
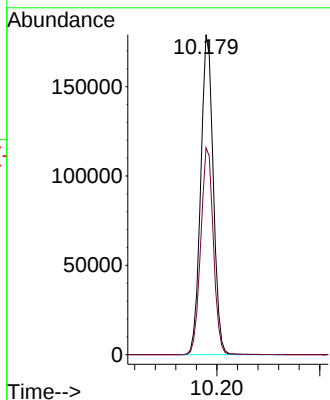
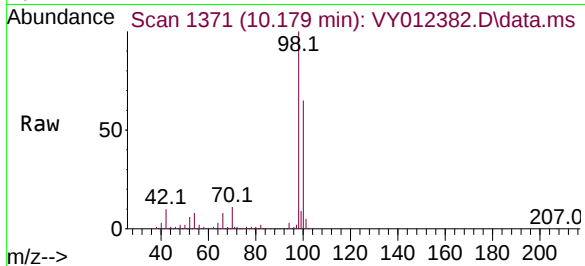




#50
Toluene-d8
Concen: 65.478 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012382.D
Acq: 27 Jan 2023 14:42

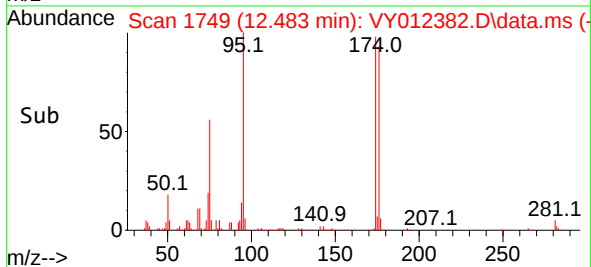
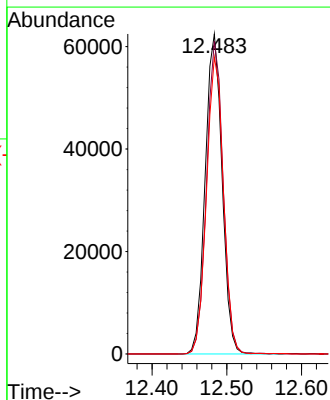
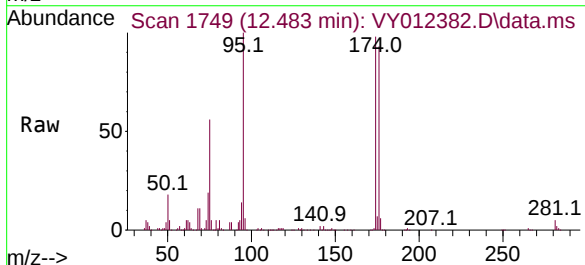
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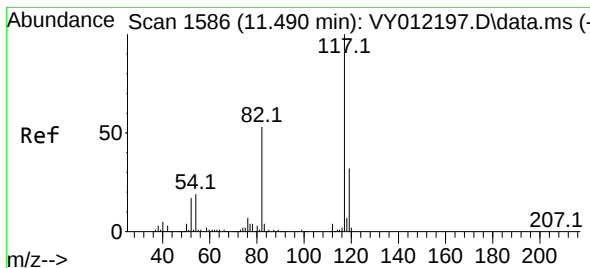
Tgt Ion: 98 Resp: 302653
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.927 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012382.D
Acq: 27 Jan 2023 14:42

Tgt Ion: 95 Resp: 97776
Ion Ratio Lower Upper
95 100
174 96.4 0.0 172.0
176 93.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012382.D

Acq: 27 Jan 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-012723

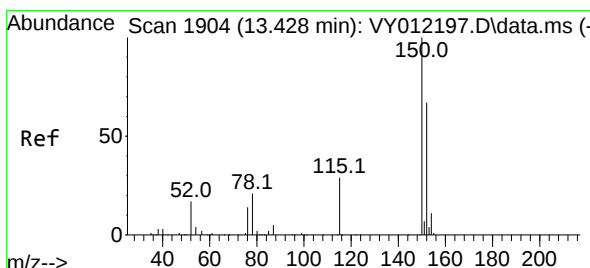
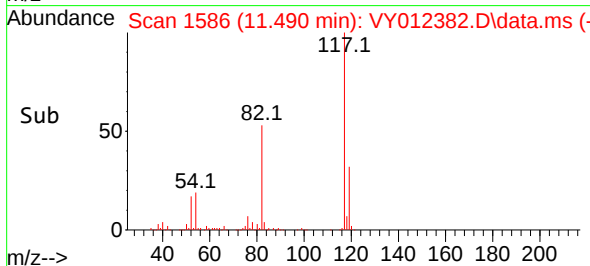
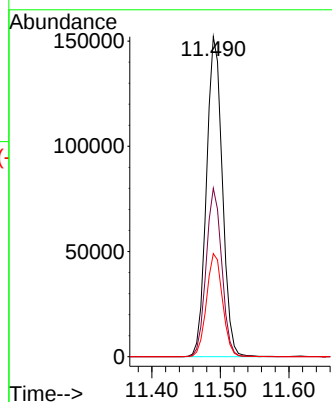
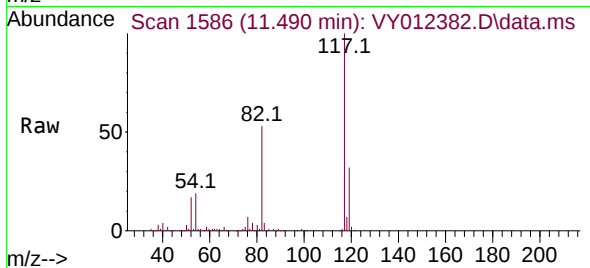
Tgt Ion:117 Resp: 245336

Ion Ratio Lower Upper

117 100

82 52.6 44.8 67.2

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012382.D

Acq: 27 Jan 2023 14:42

Tgt Ion:152 Resp: 111048

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 156.7 0.0 342.6

