

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014429.D
 Acq On : 26 Jun 2023 13:19
 Operator : KP/MD
 Sample : 03388-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-062223

Quant Time: Jun 27 01:46:16 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	146730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	90865	49.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.760%
35) Dibromofluoromethane	7.716	113	66856	49.564	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.179	98	256032	47.750	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.477	95	85436	44.632	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.260%

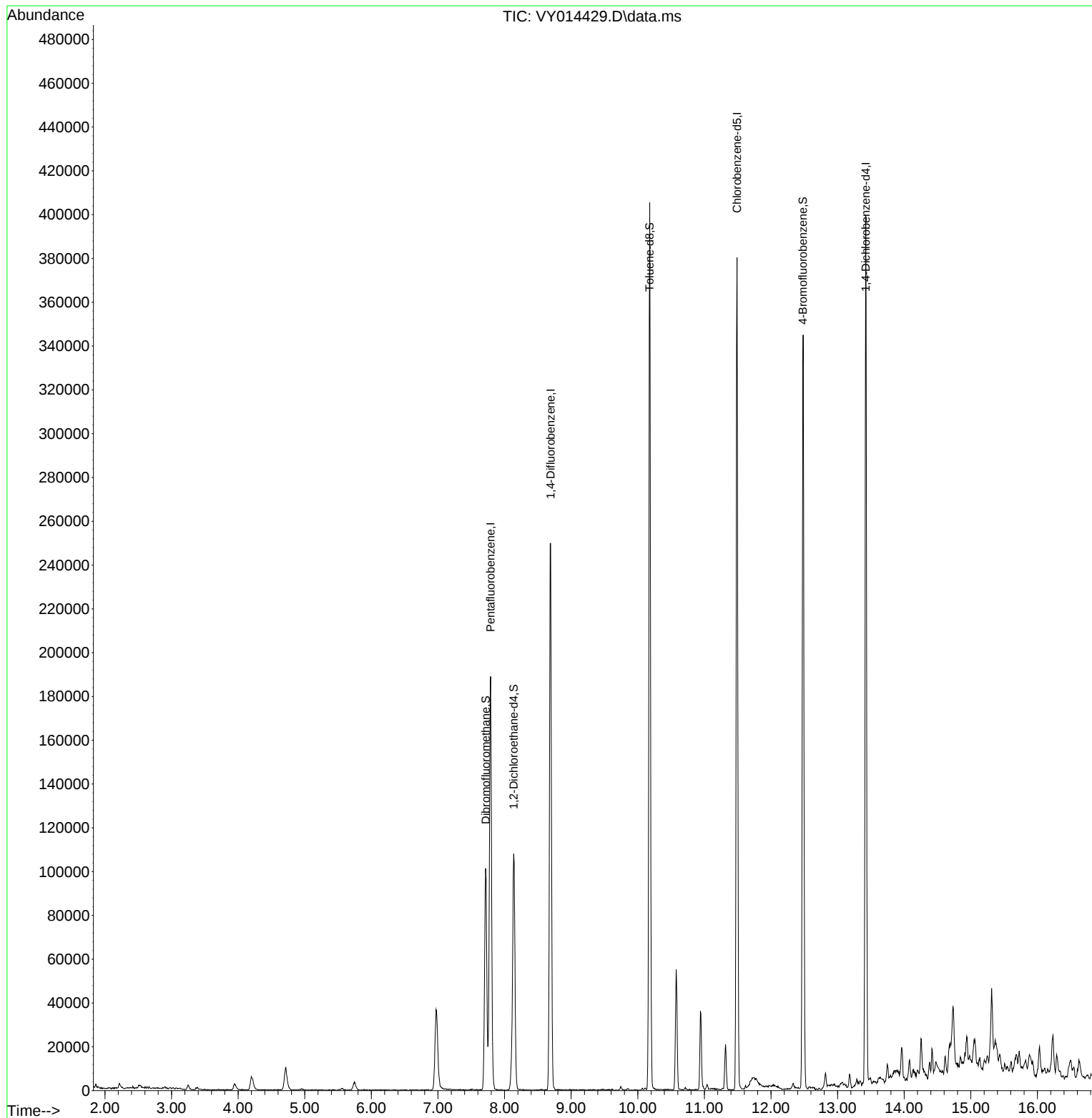
Target Compounds	Qvalue

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

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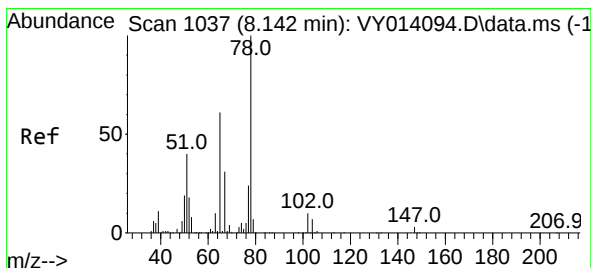
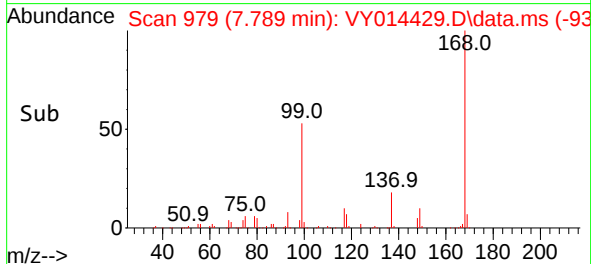
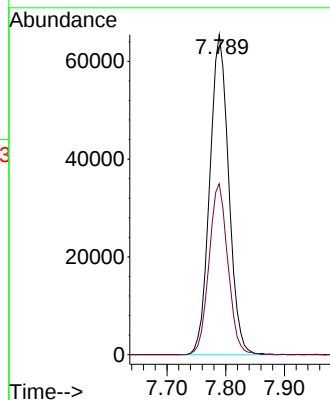
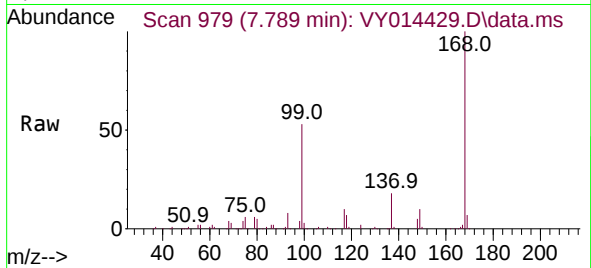




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

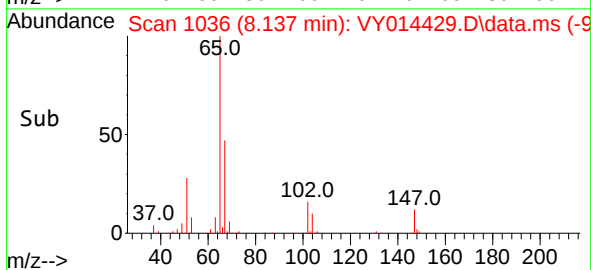
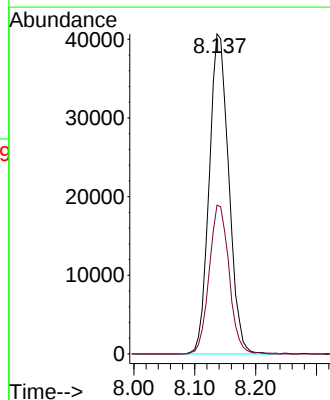
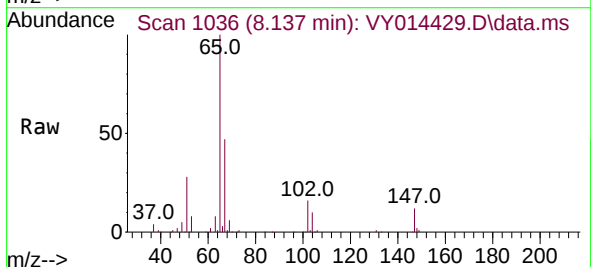
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-062223

Tgt Ion:168 Resp: 146730
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.877 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014429.D
Acq: 26 Jun 2023 13:19

Tgt Ion: 65 Resp: 90865
Ion Ratio Lower Upper
65 100
67 47.3 0.0 101.8

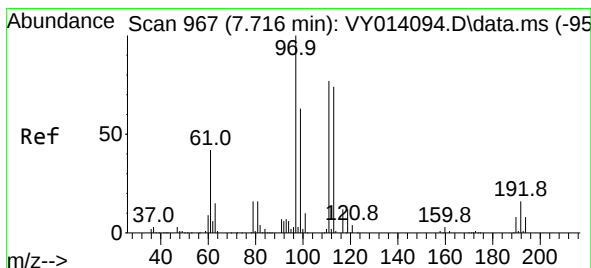
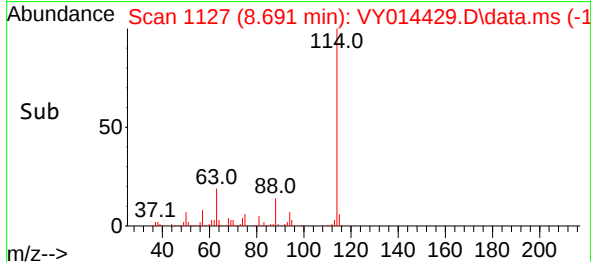
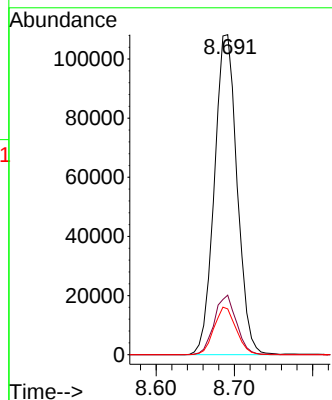
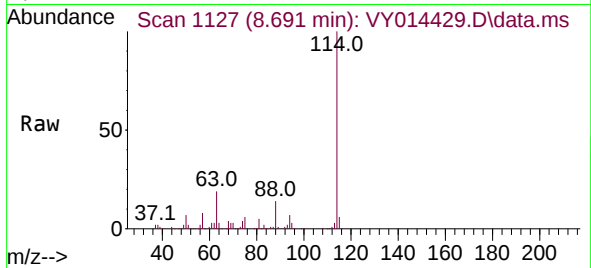




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014429.D
 Acq: 26 Jun 2023 13:19

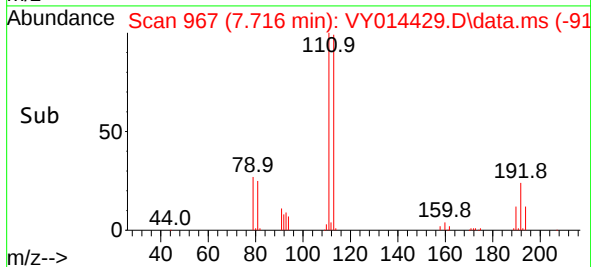
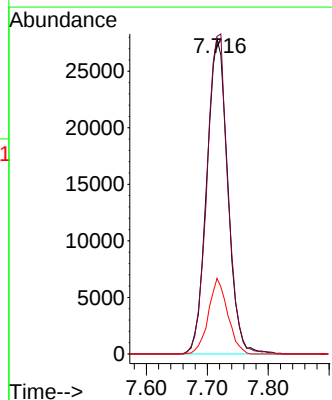
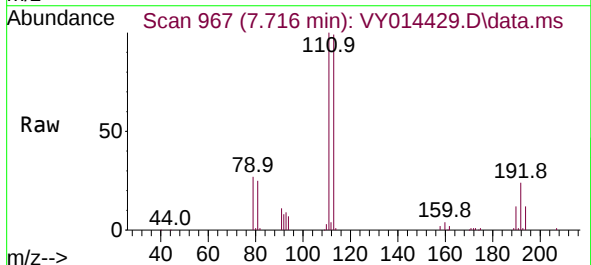
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-062223

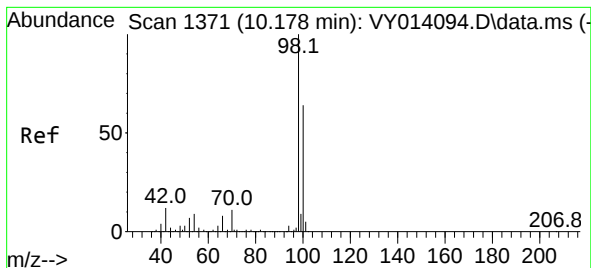
Tgt Ion:	114	Resp:	218328
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	42.4
88	14.3	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 49.564 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY014429.D
 Acq: 26 Jun 2023 13:19

Tgt Ion:	113	Resp:	66856
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.3	121.9
192	21.9	16.9	25.3





#50

Toluene-d8

Concen: 47.750 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014429.D

Acq: 26 Jun 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

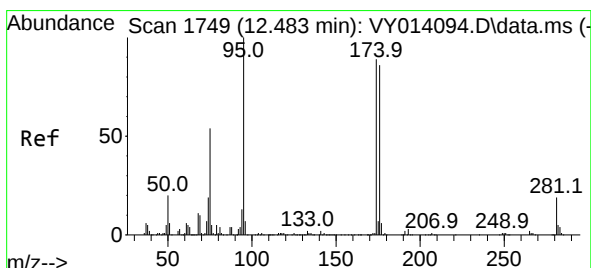
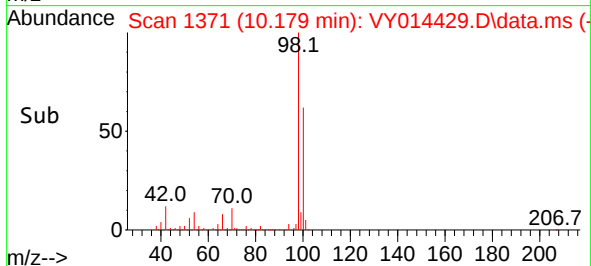
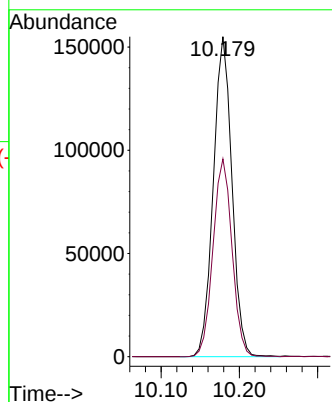
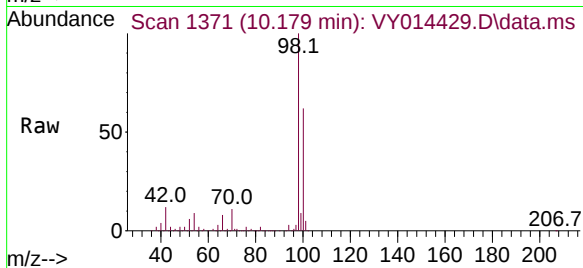
TR-05-062223

Tgt Ion: 98 Resp: 256032

Ion Ratio Lower Upper

98 100

100 63.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.632 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014429.D

Acq: 26 Jun 2023 13:19

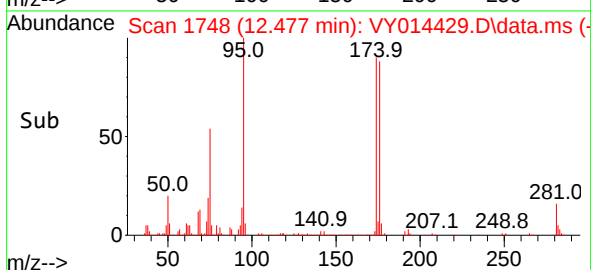
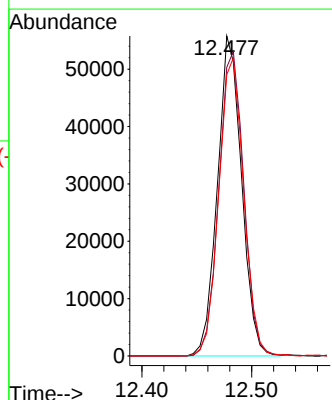
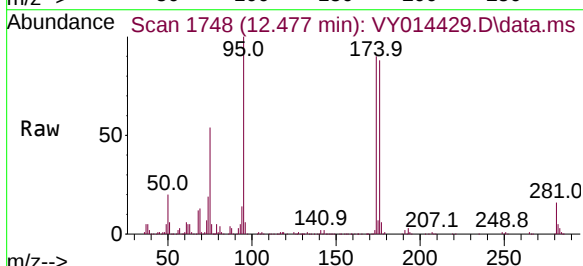
Tgt Ion: 95 Resp: 85436

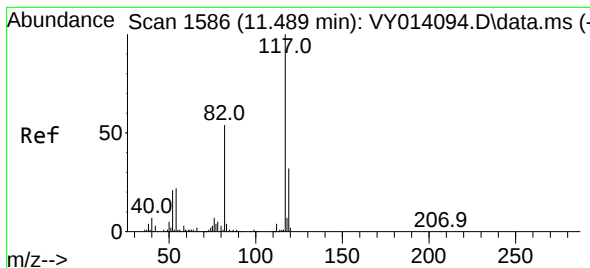
Ion Ratio Lower Upper

95 100

174 98.1 0.0 178.2

176 95.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014429.D

Acq: 26 Jun 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-062223

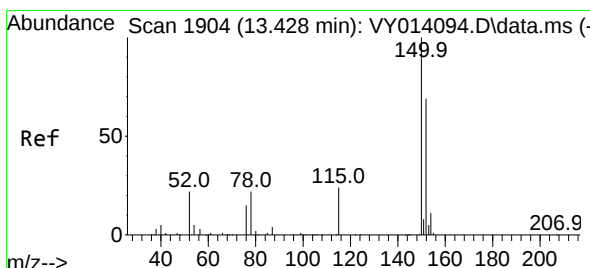
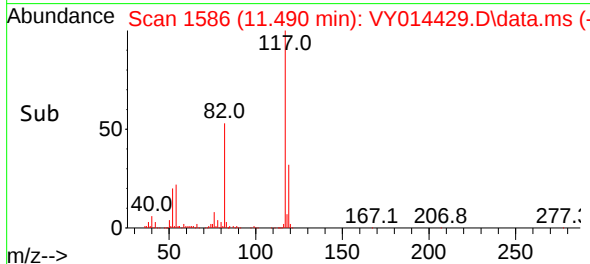
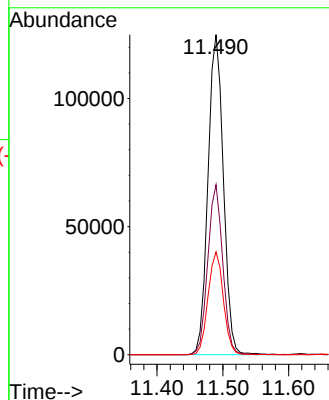
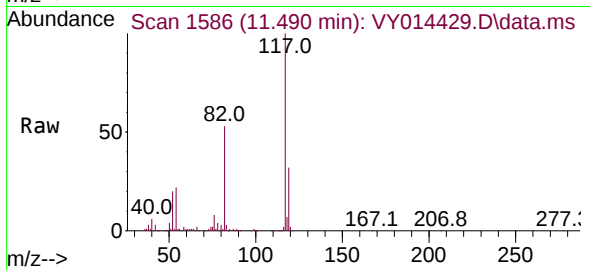
Tgt Ion:117 Resp: 203453

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014429.D

Acq: 26 Jun 2023 13:19

Tgt Ion:152 Resp: 102221

Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 153.4 0.0 348.8

