

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013508.D
 Acq On : 27 Apr 2023 21:34
 Operator : KP/MD
 Sample : 02507-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-042623

Quant Time: Apr 28 01:35:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	144233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100169	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97893	61.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.820%
35) Dibromofluoromethane	7.710	113	85426	57.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.820%
50) Toluene-d8	10.179	98	292630	55.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.560%
62) 4-Bromofluorobenzene	12.477	95	88378	49.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.040%

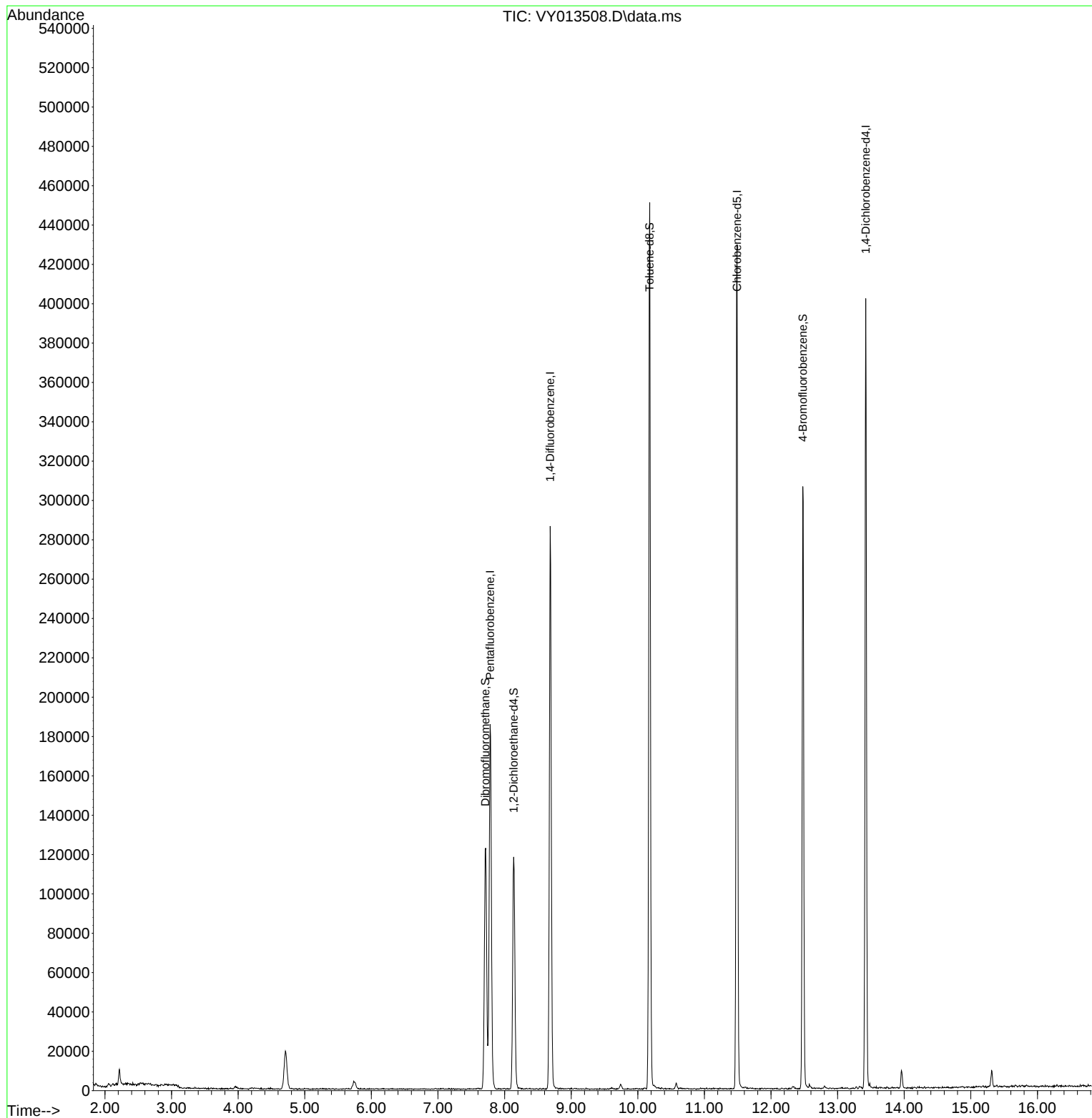
Target Compounds	Qvalue

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

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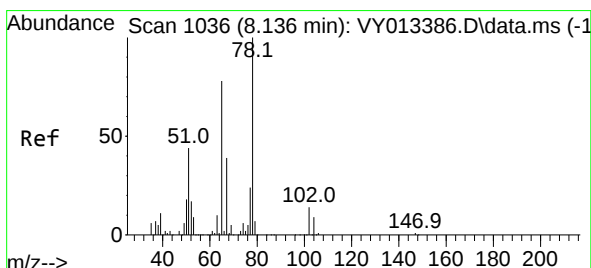
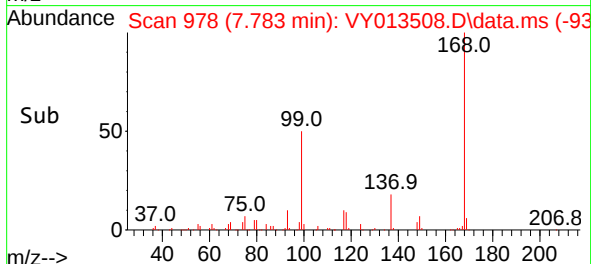
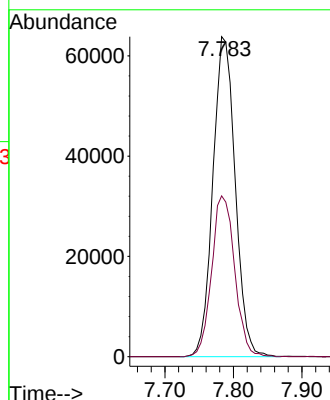
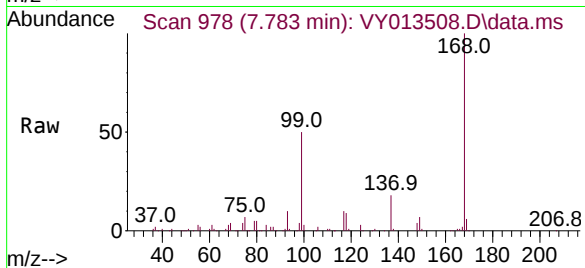




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

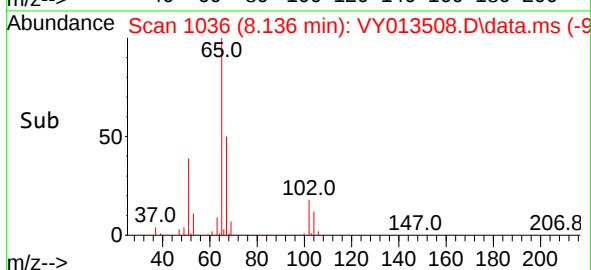
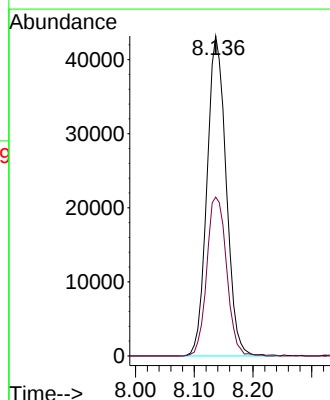
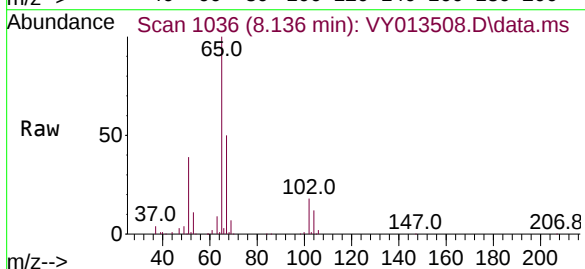
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-042623

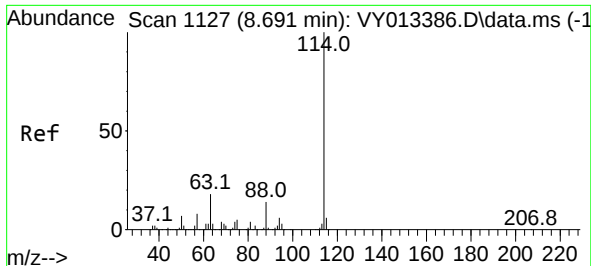
Tgt Ion:168 Resp: 144233
Ion Ratio Lower Upper
168 100
99 50.3 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 61.914 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 65 Resp: 97893
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013508.D

Acq: 27 Apr 2023 21:34

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-042623

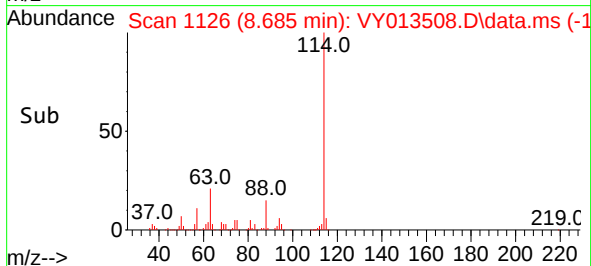
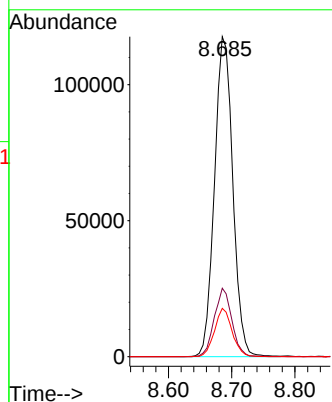
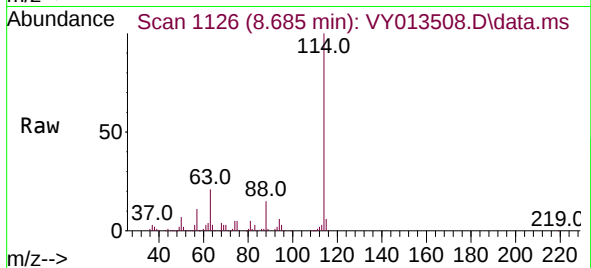
Tgt Ion:114 Resp: 236584

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.6

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 57.410 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013508.D

Acq: 27 Apr 2023 21:34

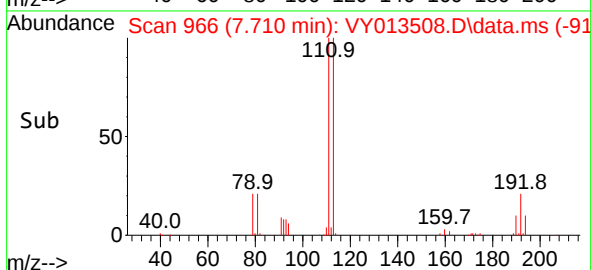
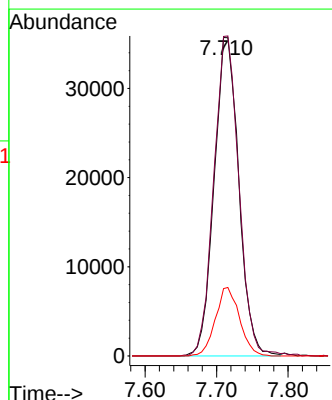
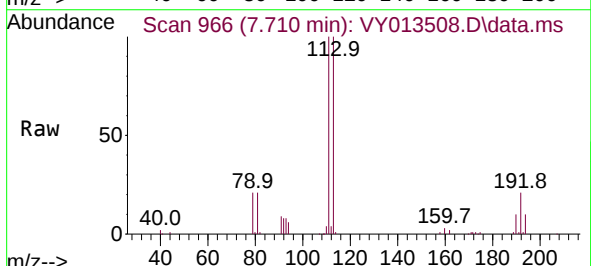
Tgt Ion:113 Resp: 85426

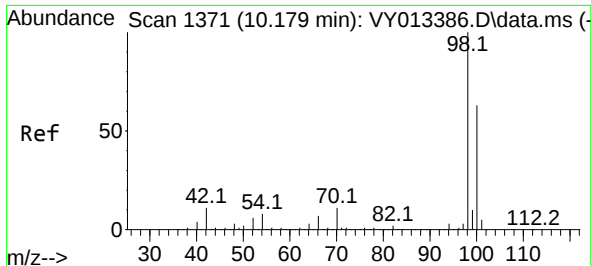
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

192 21.1 16.7 25.1

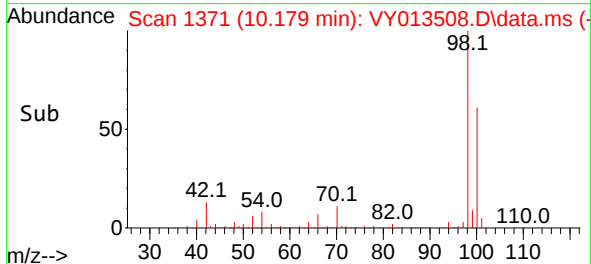
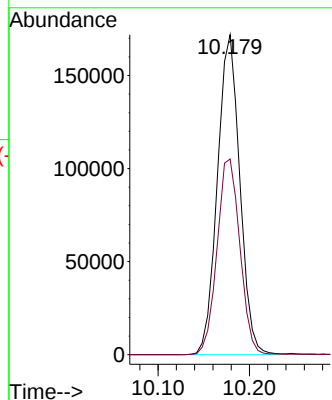
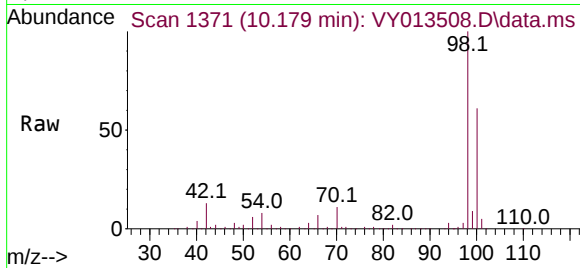




#50
Toluene-d8
Concen: 55.282 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

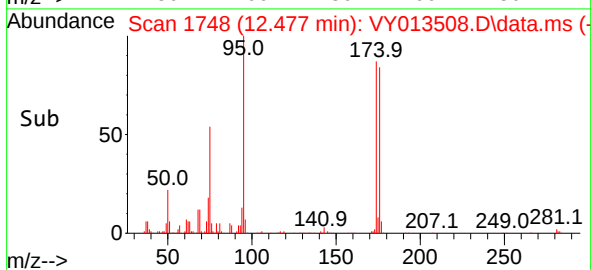
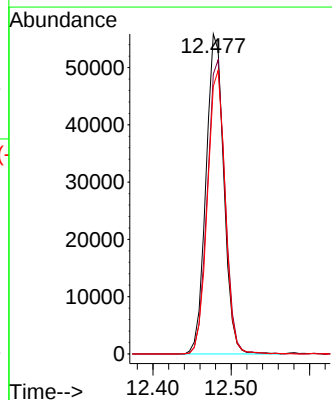
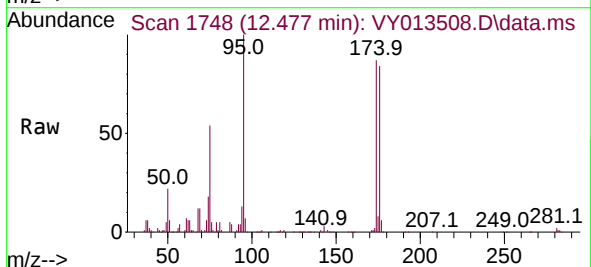
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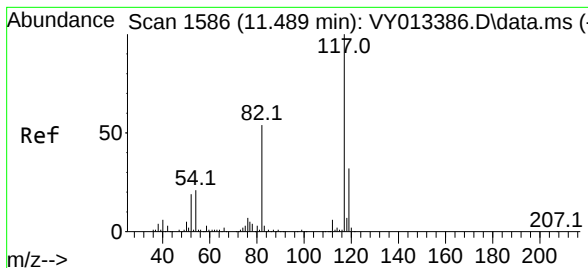
Tgt Ion: 98 Resp: 292630
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 49.524 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013508.D
Acq: 27 Apr 2023 21:34

Tgt Ion: 95 Resp: 88378
Ion Ratio Lower Upper
95 100
174 91.8 0.0 182.0
176 88.2 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013508.D

Acq: 27 Apr 2023 21:34

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-042623

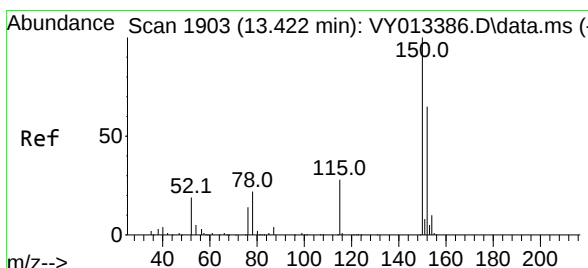
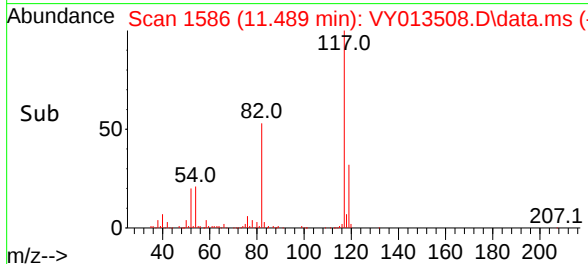
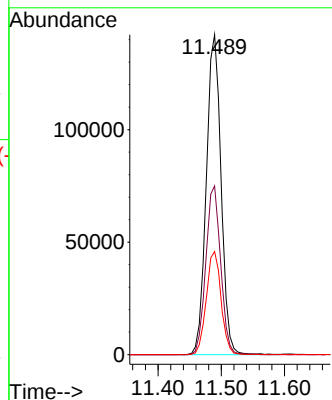
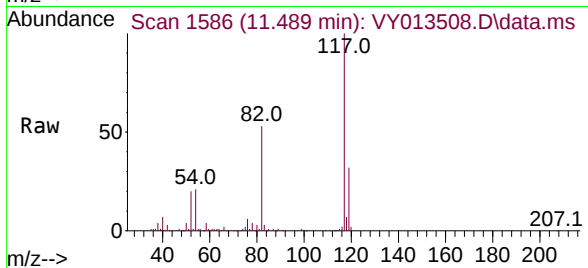
Tgt Ion:117 Resp: 231406

Ion Ratio Lower Upper

117 100

82 52.7 43.0 64.6

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013508.D

Acq: 27 Apr 2023 21:34

Tgt Ion:152 Resp: 100169

Ion Ratio Lower Upper

152 100

115 59.1 28.1 84.2

150 158.3 0.0 352.0

