

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013657.D
 Acq On : 09 May 2023 10:49
 Operator : KP/MD
 Sample : VY0509SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBL01

Quant Time: May 10 05:32:57 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	7.789	168	197554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	335518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132162	61.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.060%
35) Dibromofluoromethane	7.715	113	114112	54.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.140%
50) Toluene-d8	10.178	98	406484	54.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.300%
62) 4-Bromofluorobenzene	12.483	95	131361	51.905	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.800%

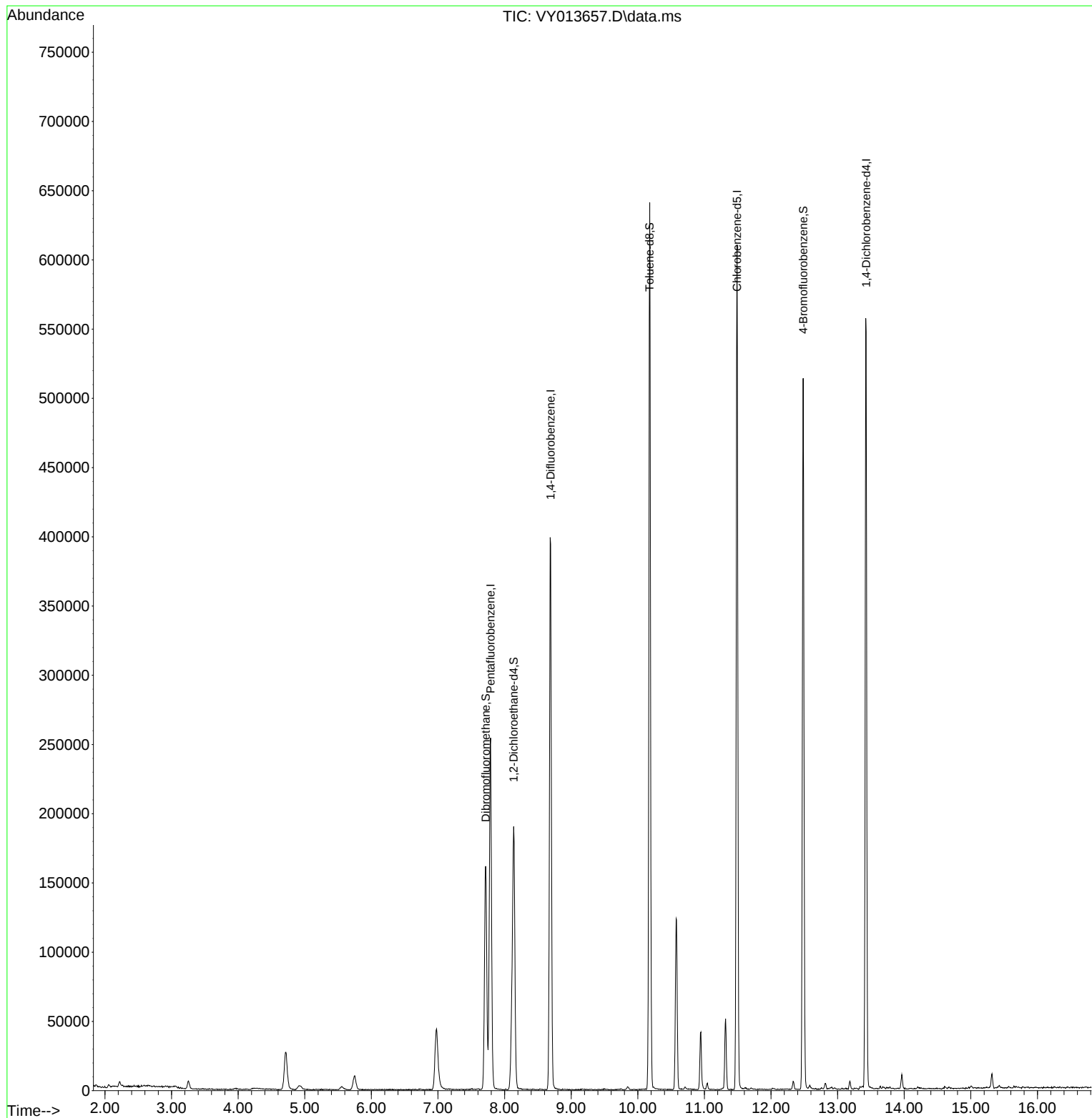
Target Compounds	Qvalue

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

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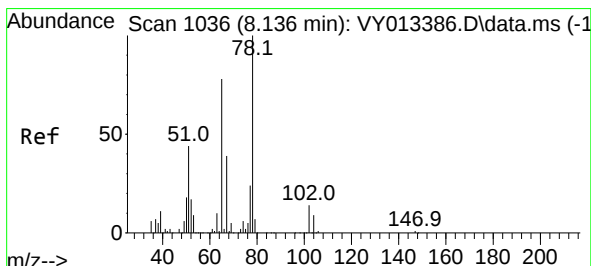
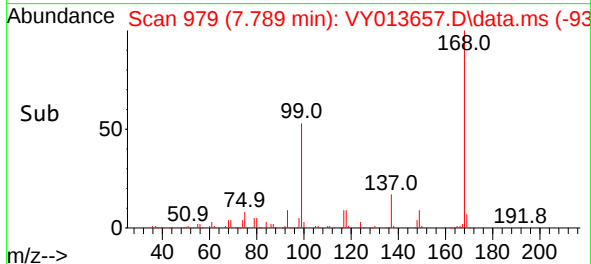
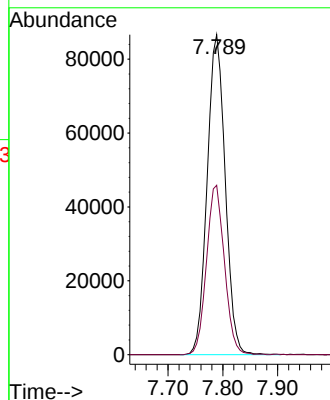
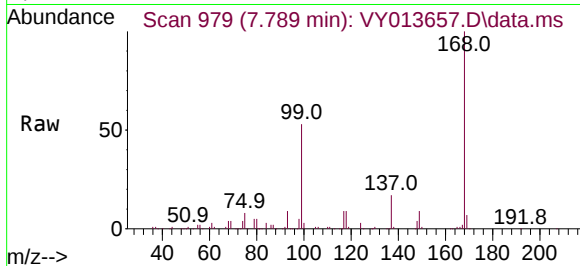




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

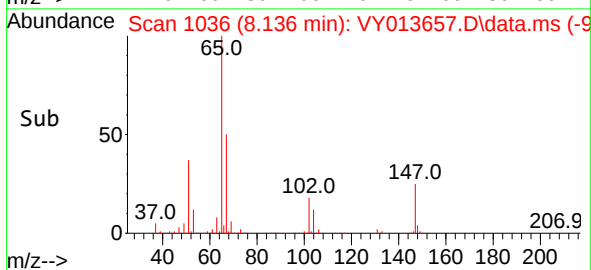
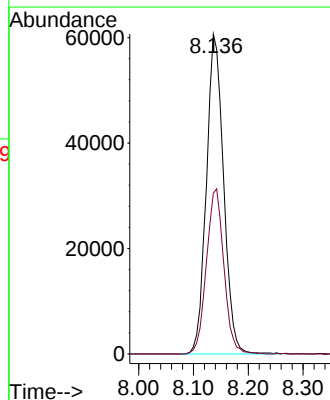
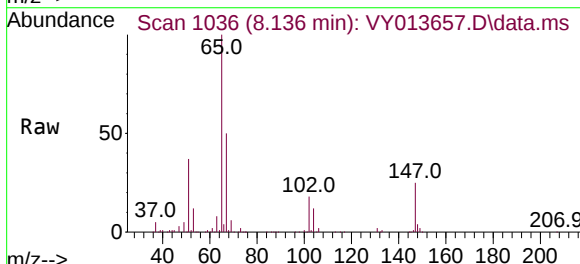
Instrument :
MSVOA_Y
ClientSampleId :
VY0509SBL01

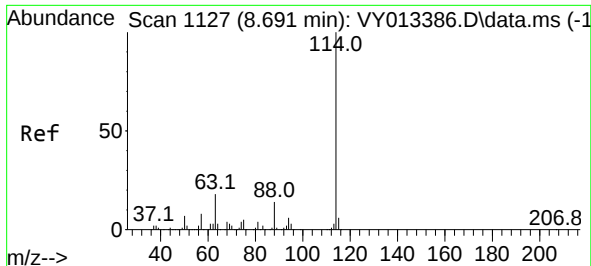
Tgt Ion:168 Resp: 197554
Ion Ratio Lower Upper
168 100
99 52.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 61.027 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

Tgt Ion: 65 Resp: 132162
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013657.D

Acq: 09 May 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBL01

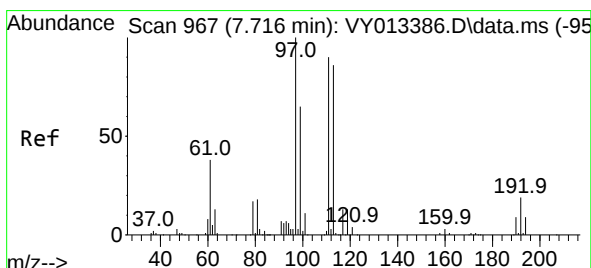
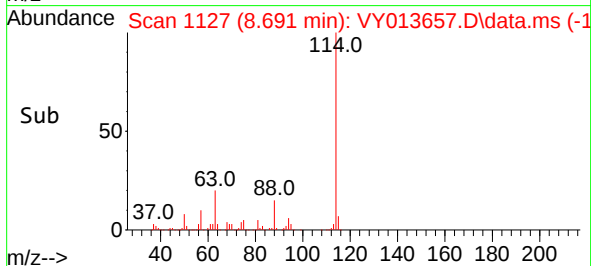
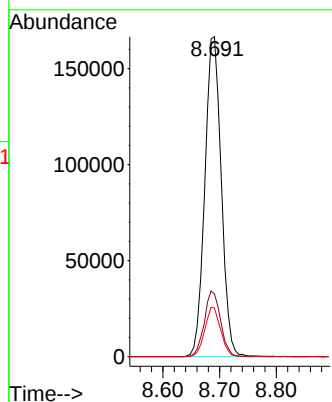
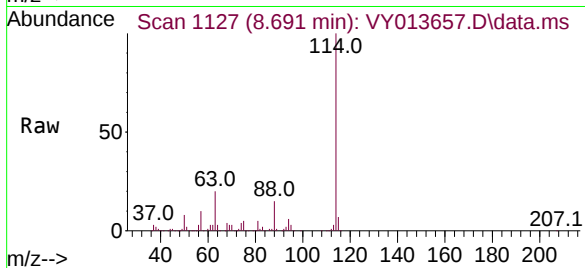
Tgt Ion:114 Resp: 335518

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.075 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY013657.D

Acq: 09 May 2023 10:49

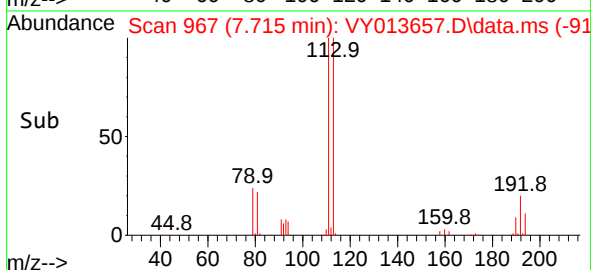
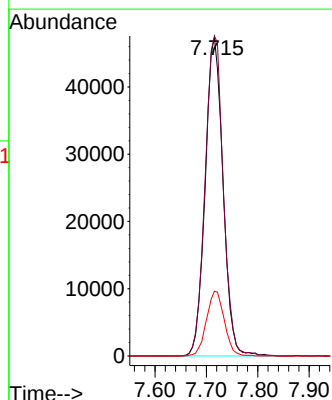
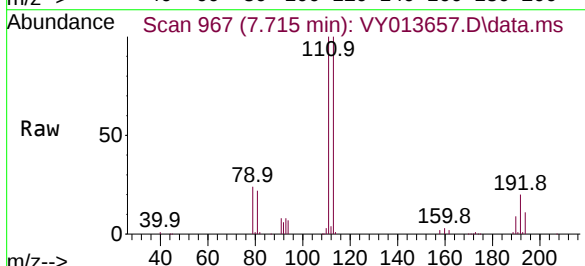
Tgt Ion:113 Resp: 114112

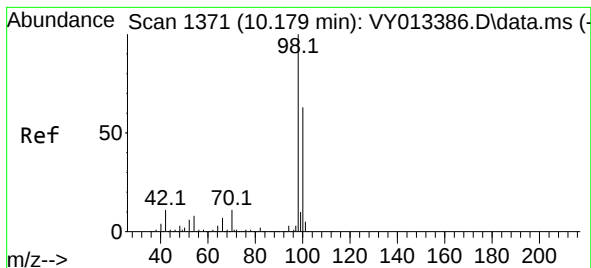
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 20.4 16.7 25.1

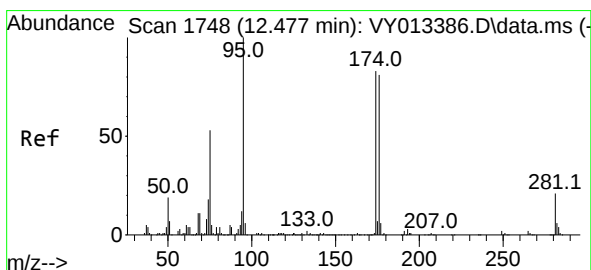
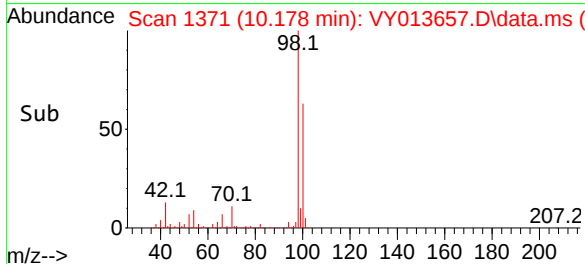
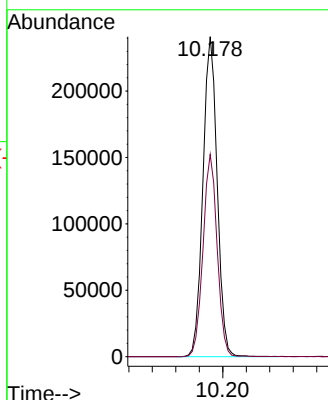
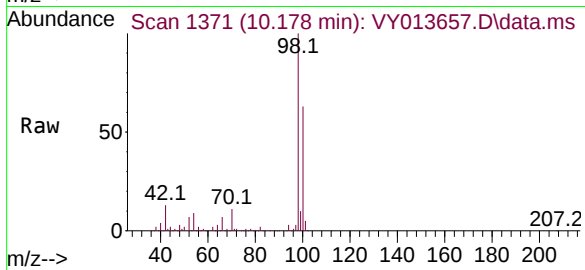




#50
Toluene-d8
Concen: 54.147 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

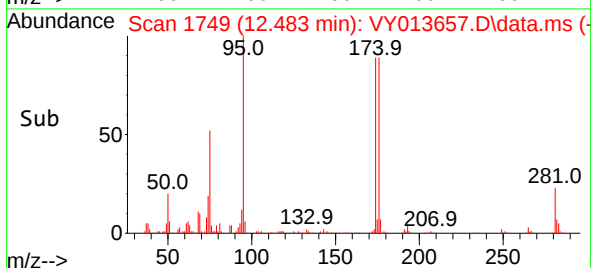
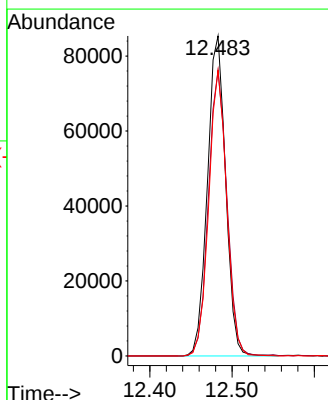
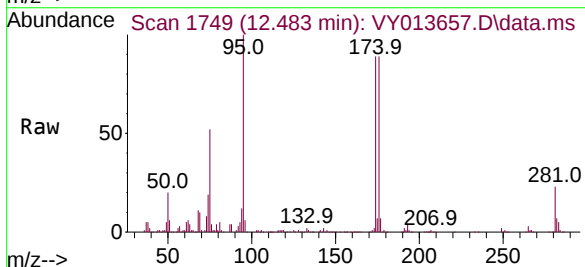
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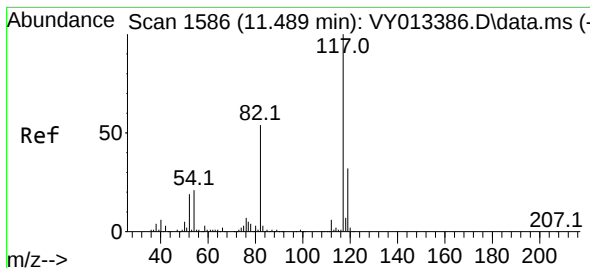
Tgt Ion: 98 Resp: 406484
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.905 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013657.D
Acq: 09 May 2023 10:49

Tgt Ion: 95 Resp: 131361
Ion Ratio Lower Upper
95 100
174 90.7 0.0 182.0
176 88.1 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: VY013657.D

Acq: 09 May 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0509SBL01

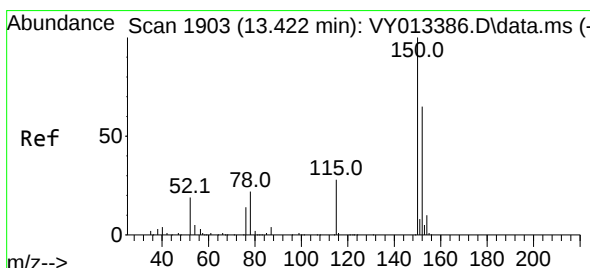
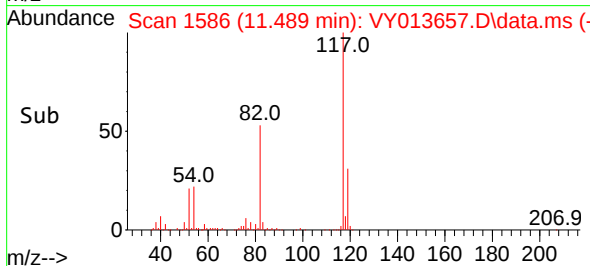
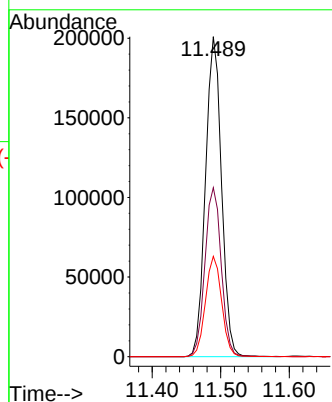
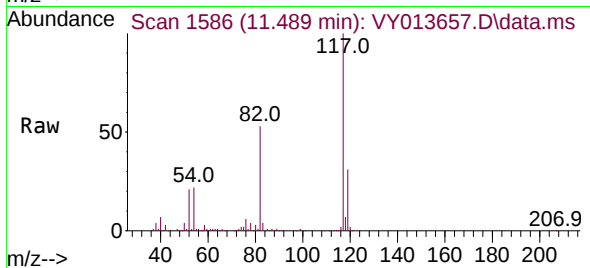
Tgt Ion:117 Resp: 326408

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.6

119 31.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013657.D

Acq: 09 May 2023 10:49

Tgt Ion:152 Resp: 145341

Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.2

150 155.3 0.0 352.0

