

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013758.D
 Acq On : 16 May 2023 14:41
 Operator : KP/MD
 Sample : 02770-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-25990

Quant Time: May 17 07:47:33 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	180249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123379	62.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.880%
35) Dibromofluoromethane	7.710	113	108741	54.673	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.340%
50) Toluene-d8	10.179	98	387949	54.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.660%
62) 4-Bromofluorobenzene	12.477	95	124801	52.321	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.640%

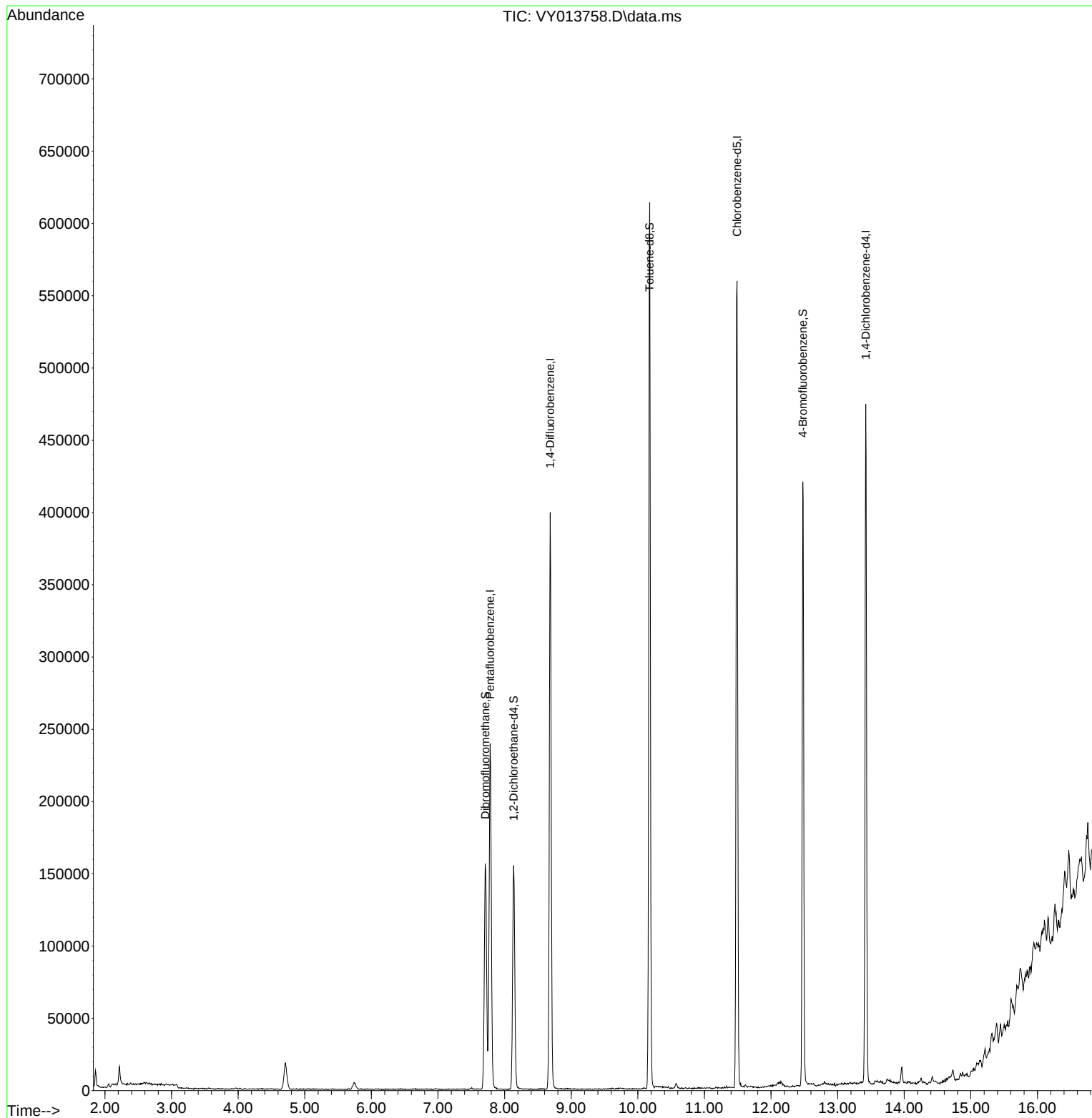
Target Compounds	Qvalue

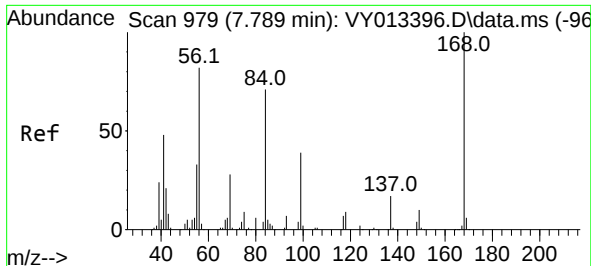
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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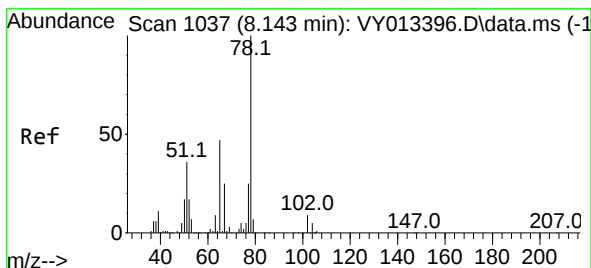
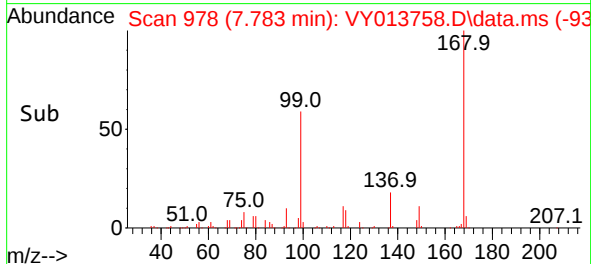
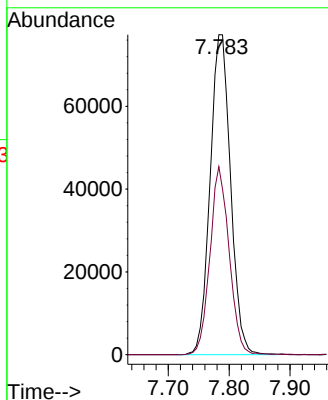
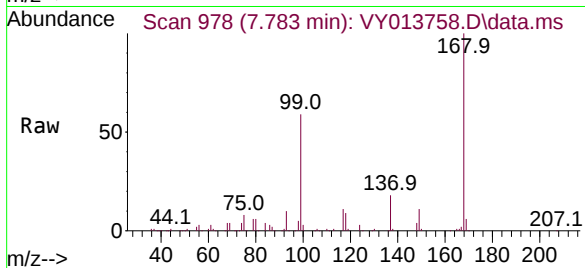




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

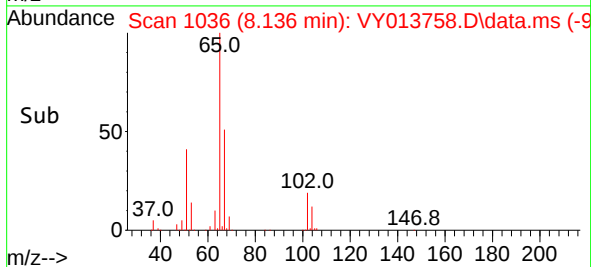
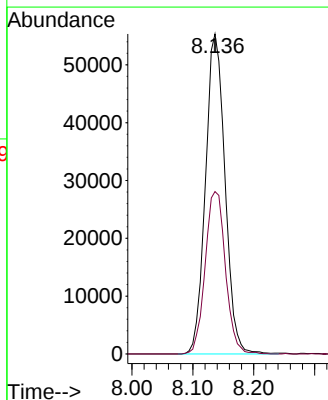
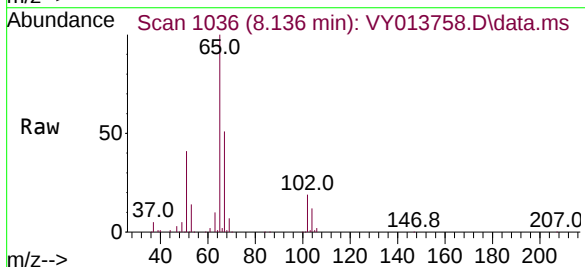
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25990

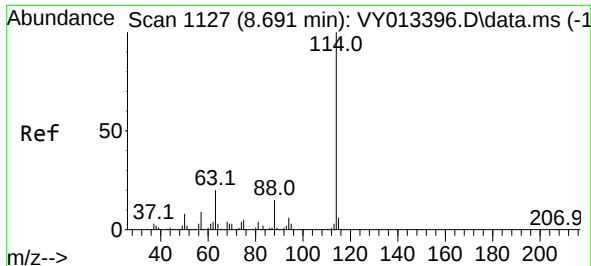
Tgt Ion:168 Resp: 180249
Ion Ratio Lower Upper
168 100
99 58.7 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 62.441 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

Tgt Ion: 65 Resp: 123379
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013758.D

Acq: 16 May 2023 14:41

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-25990

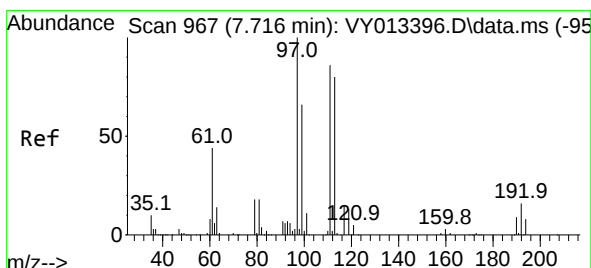
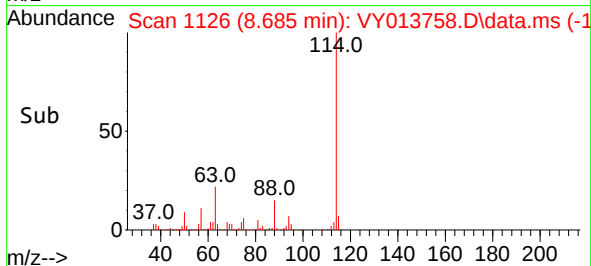
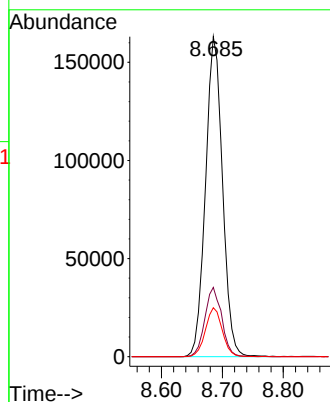
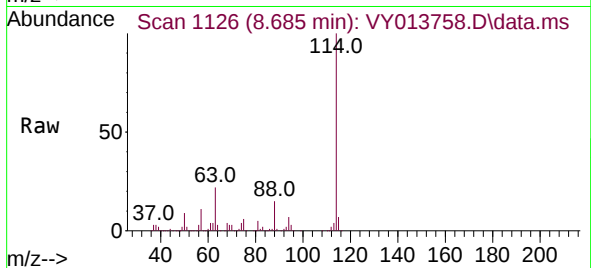
Tgt Ion:114 Resp: 316227

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.6

88 15.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.673 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013758.D

Acq: 16 May 2023 14:41

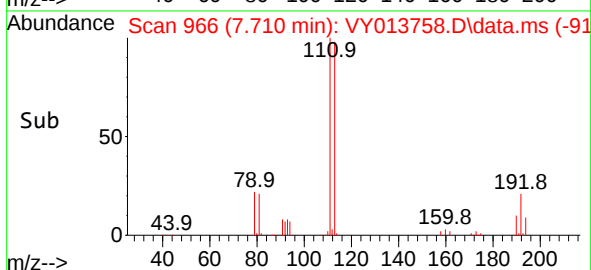
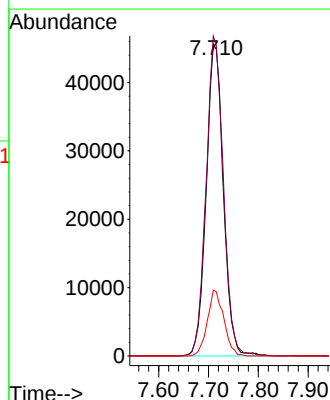
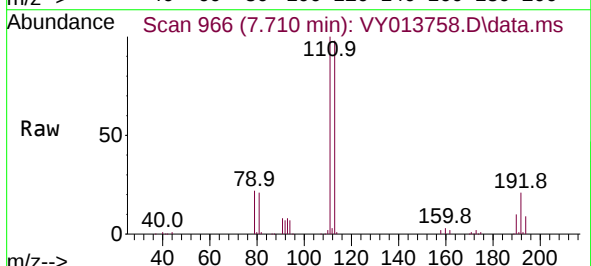
Tgt Ion:113 Resp: 108741

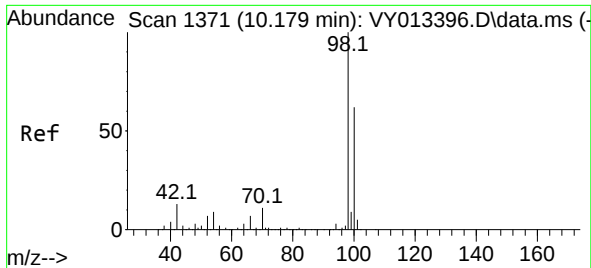
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.2

192 20.3 16.7 25.1

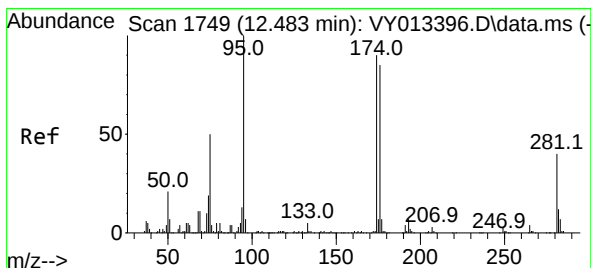
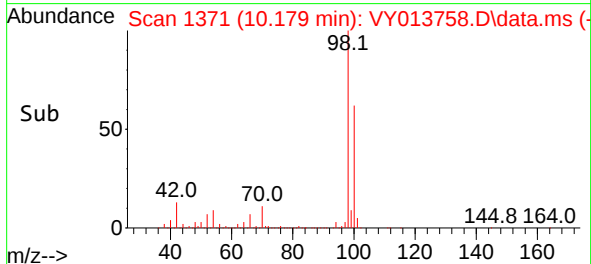
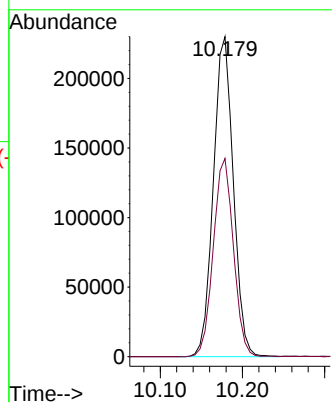
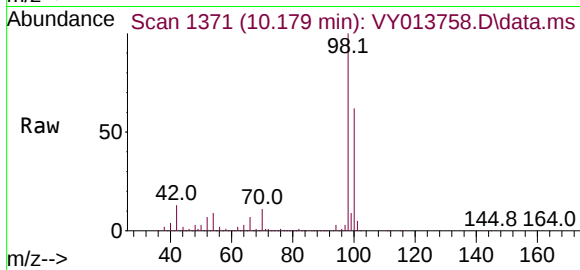




#50
Toluene-d8
Concen: 54.831 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

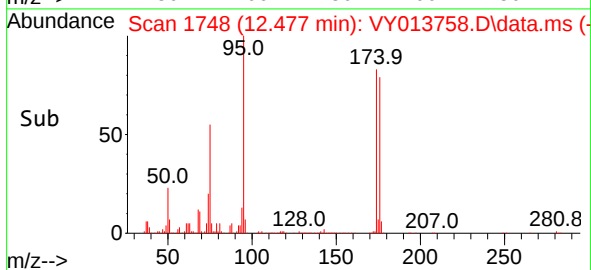
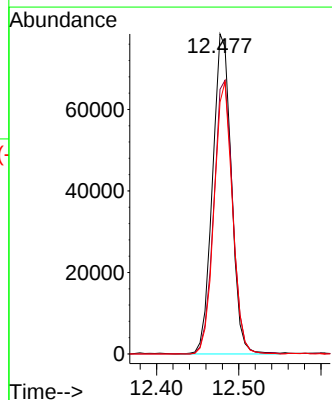
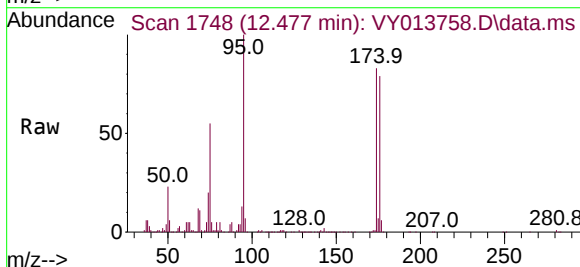
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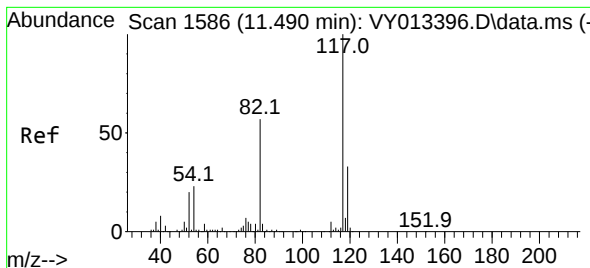
Tgt Ion: 98 Resp: 387949
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.321 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013758.D
Acq: 16 May 2023 14:41

Tgt Ion: 95 Resp: 124801
Ion Ratio Lower Upper
95 100
174 86.0 0.0 182.0
176 82.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013758.D

Acq: 16 May 2023 14:41

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-25990

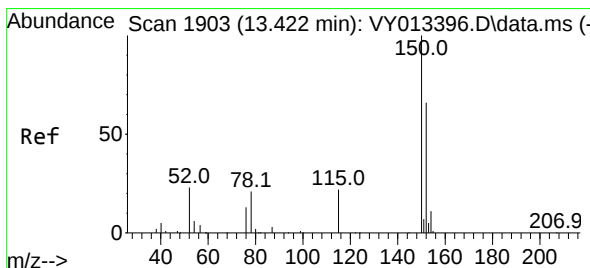
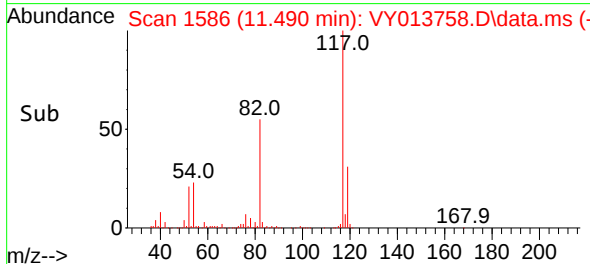
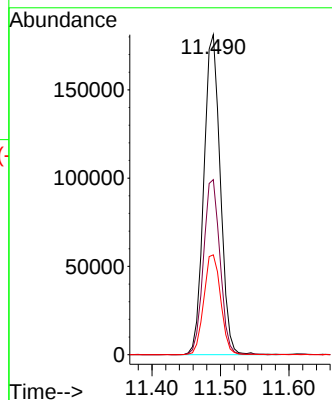
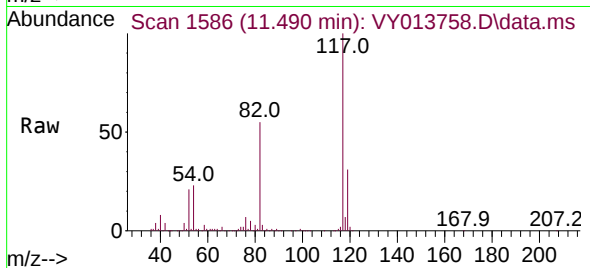
Tgt Ion:117 Resp: 302527

Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.6

119 31.2 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: VY013758.D

Acq: 16 May 2023 14:41

Tgt Ion:152 Resp: 118124

Ion Ratio Lower Upper

152 100

115 57.6 28.1 84.2

150 156.6 0.0 352.0

