

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013621.D
 Acq On : 05 May 2023 13:34
 Operator : KP/MD
 Sample : 02605-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RC-1

Quant Time: May 08 00:24:06 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	133552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80583	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	81857	55.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.820%
35) Dibromofluoromethane	7.716	113	69541	53.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.660%
50) Toluene-d8	10.179	98	252944	54.531	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.060%
62) 4-Bromofluorobenzene	12.477	95	70355	44.990	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.980%

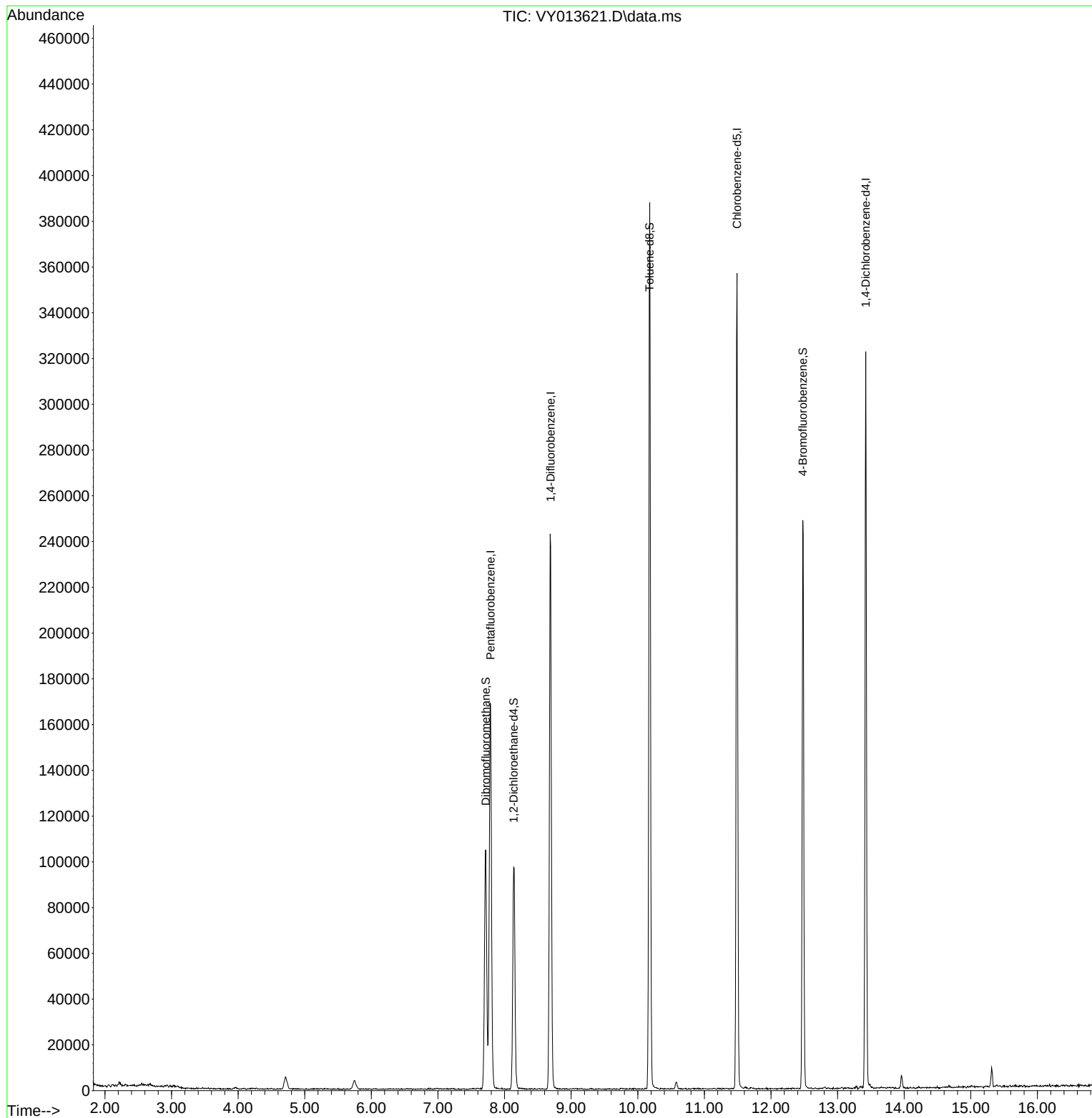
Target Compounds	Qvalue

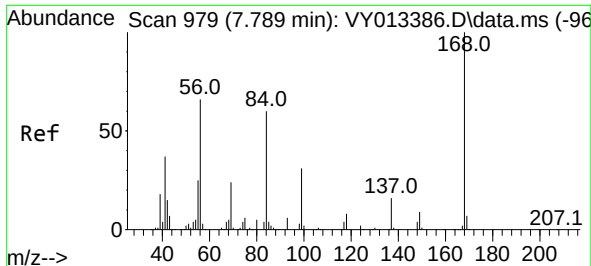
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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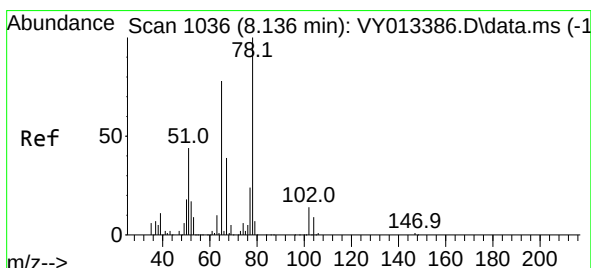
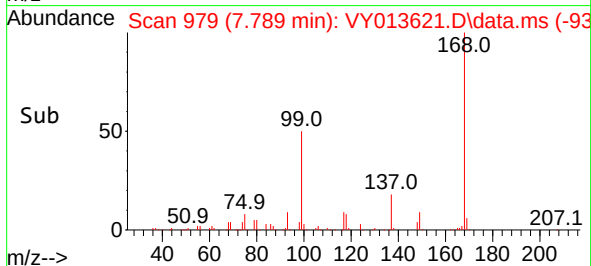
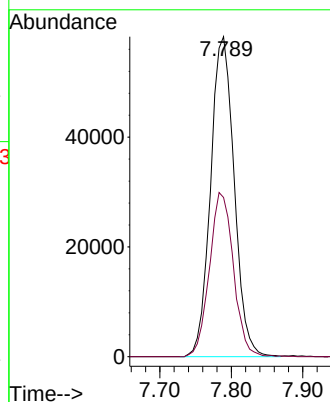
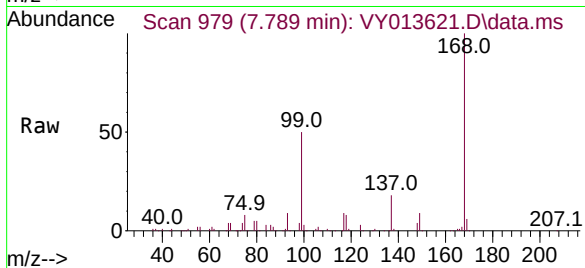




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

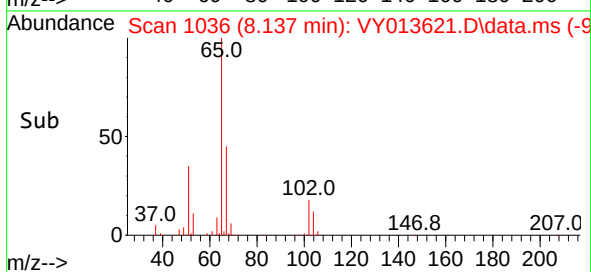
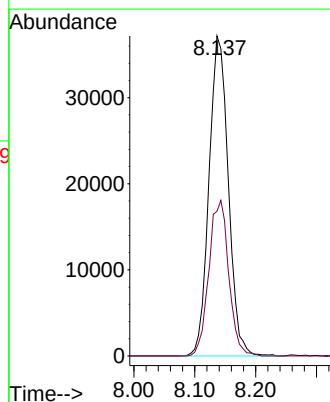
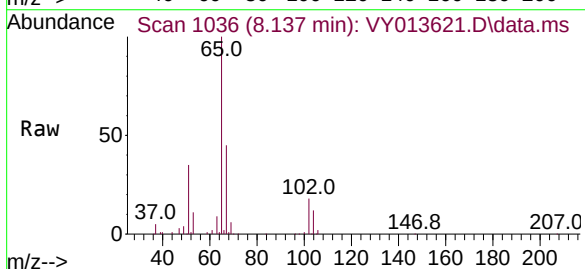
Instrument :
MSVOA_Y
ClientSampleId :
RC-1

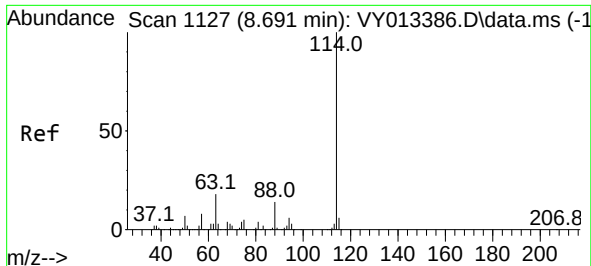
Tgt Ion:168 Resp: 133552
Ion Ratio Lower Upper
168 100
99 49.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 55.912 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

Tgt Ion: 65 Resp: 81857
Ion Ratio Lower Upper
65 100
67 50.0 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: VY013621.D

Acq: 05 May 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

RC-1

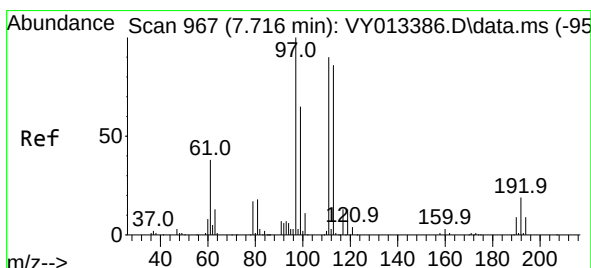
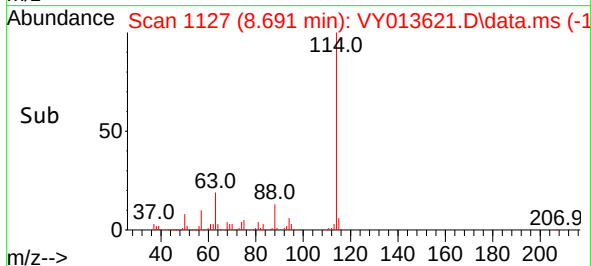
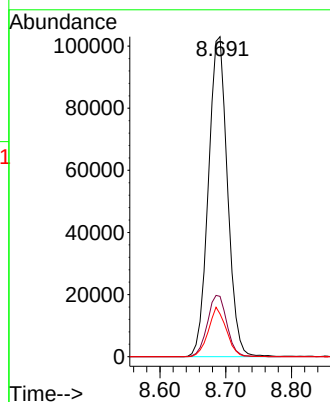
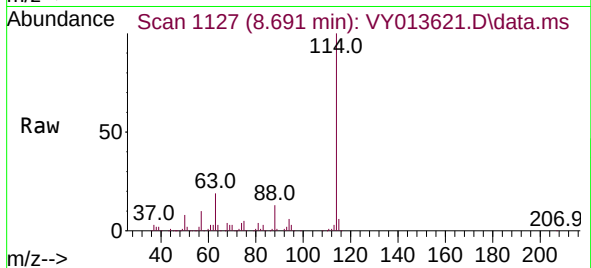
Tgt Ion:114 Resp: 207315

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.6

88 13.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 53.332 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013621.D

Acq: 05 May 2023 13:34

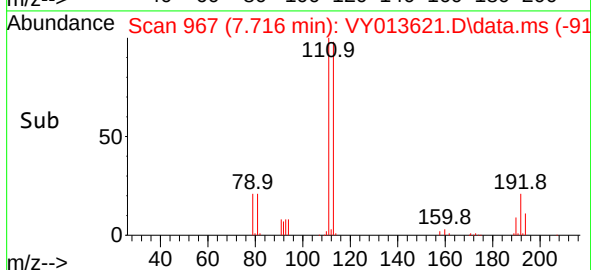
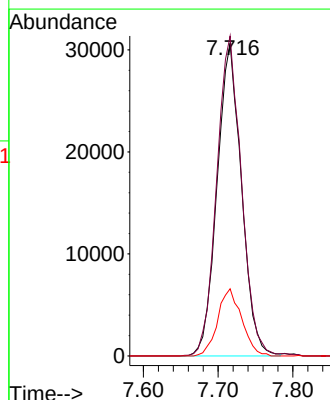
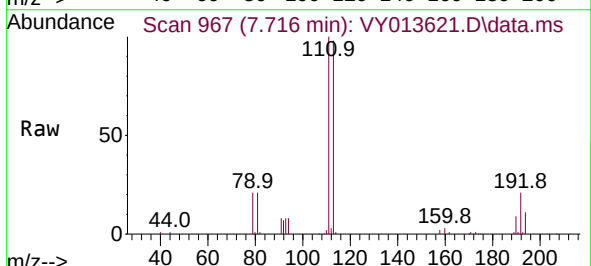
Tgt Ion:113 Resp: 69541

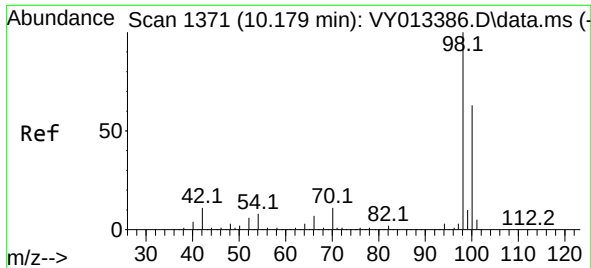
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 21.2 16.7 25.1

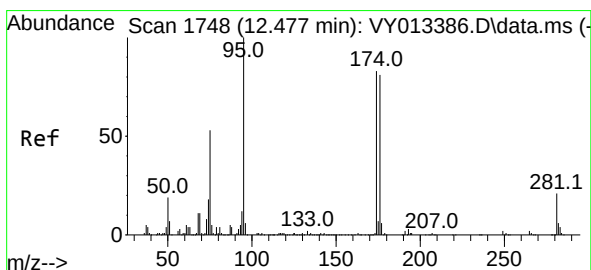
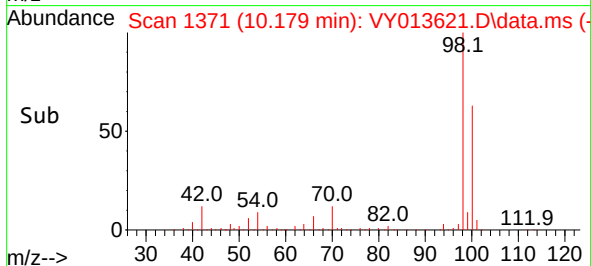
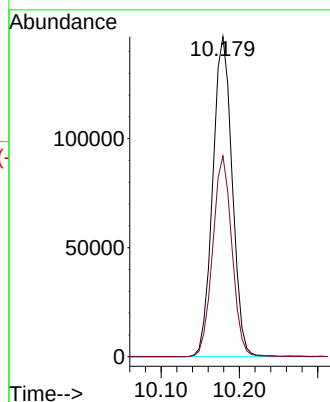
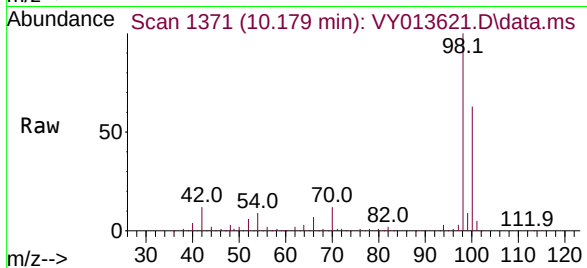




#50
Toluene-d8
Concen: 54.531 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

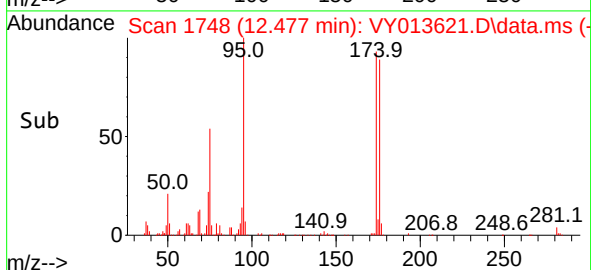
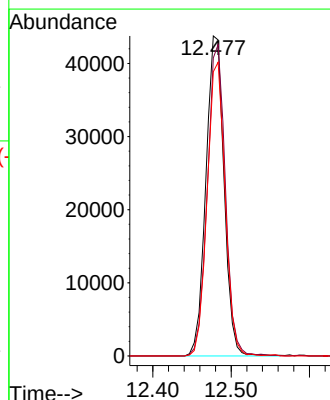
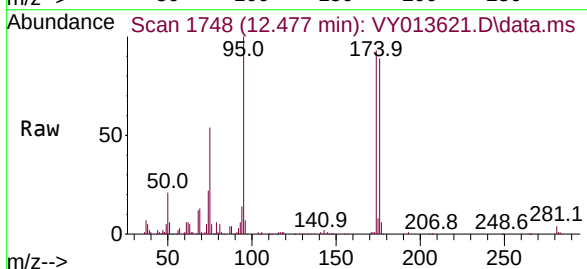
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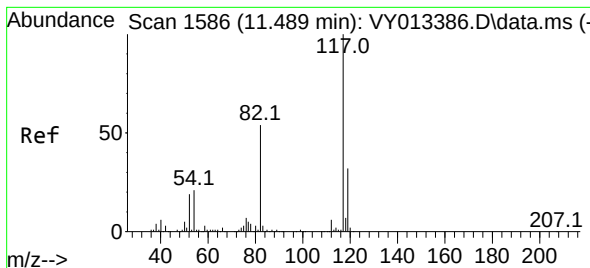
Tgt Ion: 98 Resp: 252944
Ion Ratio Lower Upper
98 100
100 61.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.990 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013621.D
Acq: 05 May 2023 13:34

Tgt Ion: 95 Resp: 70355
Ion Ratio Lower Upper
95 100
174 96.5 0.0 182.0
176 90.7 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013621.D

Acq: 05 May 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

RC-1

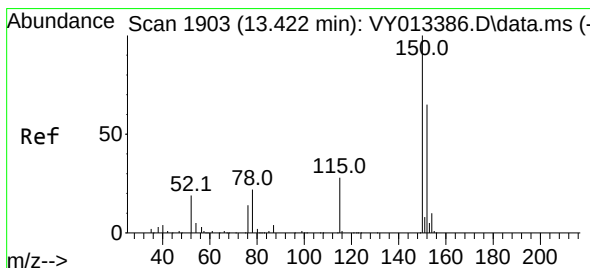
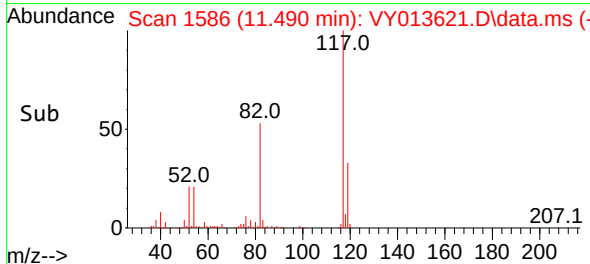
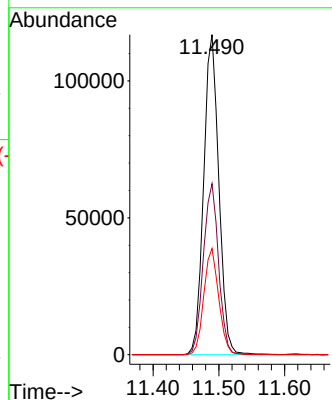
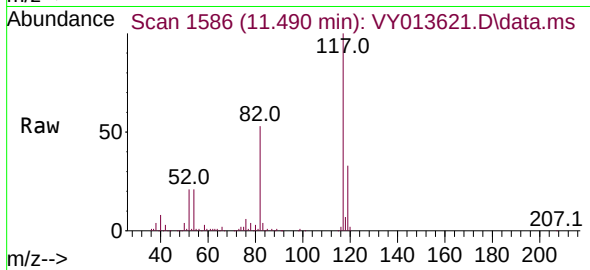
Tgt Ion:117 Resp: 187518

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.6

119 33.2 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: VY013621.D

Acq: 05 May 2023 13:34

Tgt Ion:152 Resp: 80583

Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.2

150 158.6 0.0 352.0

