

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013501.D
 Acq On : 27 Apr 2023 18:50
 Operator : KP/MD
 Sample : 02470-13
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11-8.5-9.0

Quant Time: Apr 28 01:33:42 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	7.789	168	121027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87479	65.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.880%
35) Dibromofluoromethane	7.716	113	72772	58.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.520%
50) Toluene-d8	10.179	98	241921	54.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.820%
62) 4-Bromofluorobenzene	12.477	95	75471	50.812	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.620%

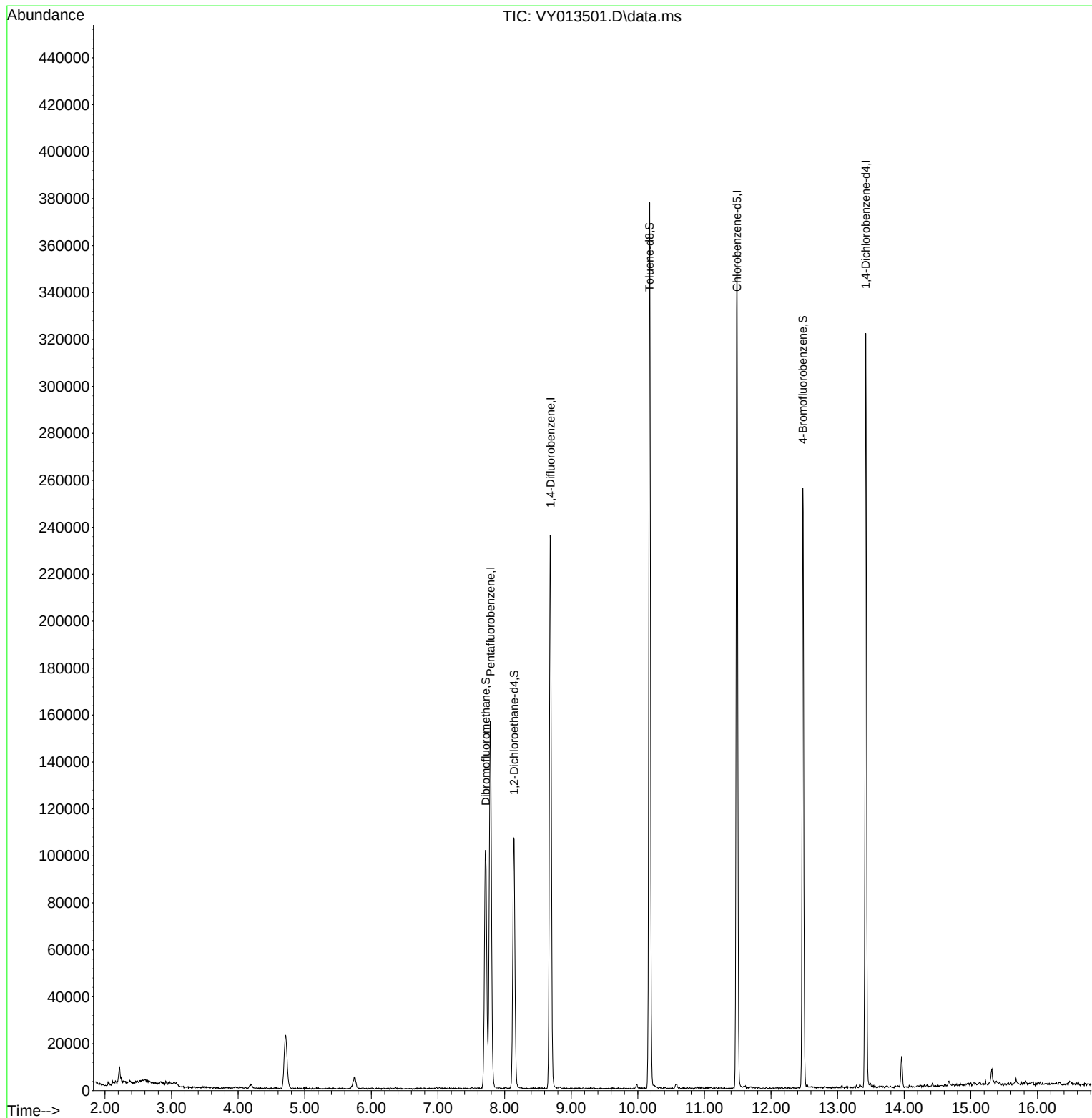
Target Compounds	Qvalue

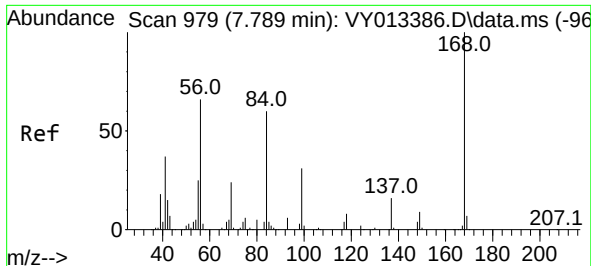
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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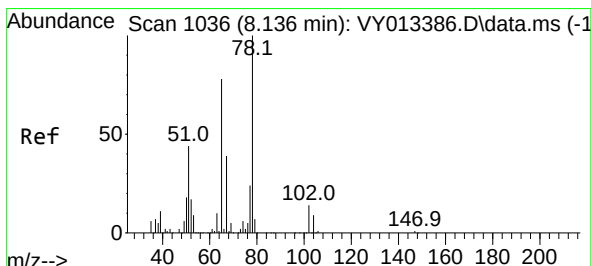
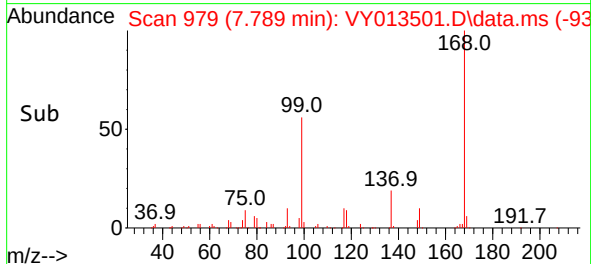
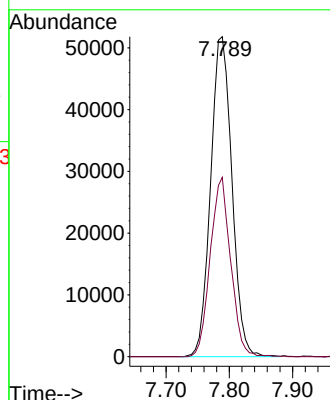
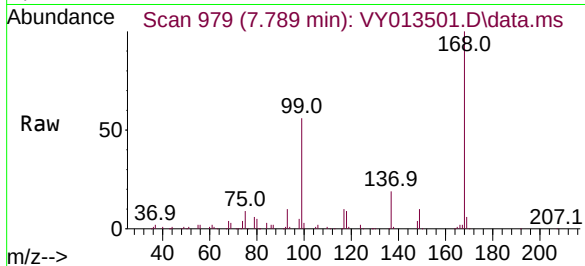




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013501.D
Acq: 27 Apr 2023 18:50

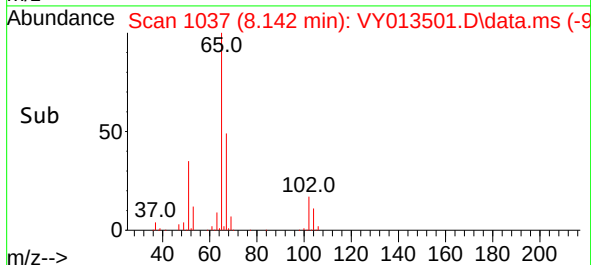
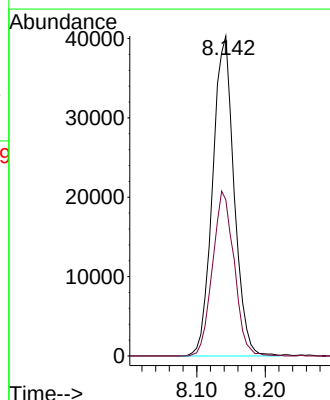
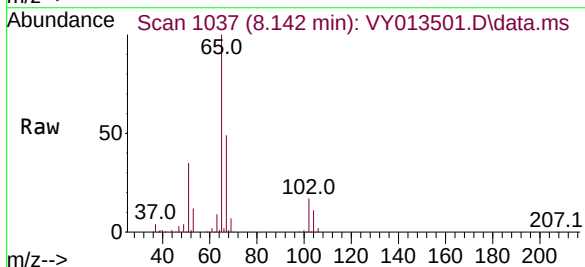
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

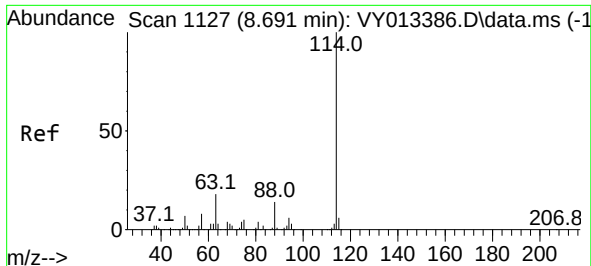
Tgt Ion:168 Resp: 121027
Ion Ratio Lower Upper
168 100
99 56.0 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 65.936 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013501.D
Acq: 27 Apr 2023 18:50

Tgt Ion: 65 Resp: 87479
Ion Ratio Lower Upper
65 100
67 52.0 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: VY013501.D

Acq: 27 Apr 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-8.5-9.0

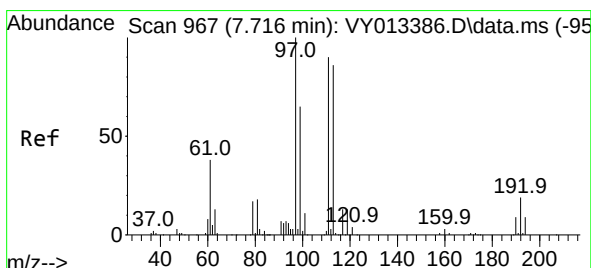
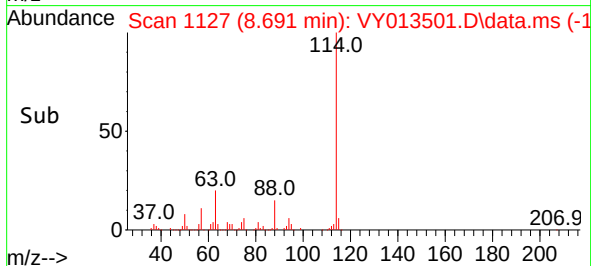
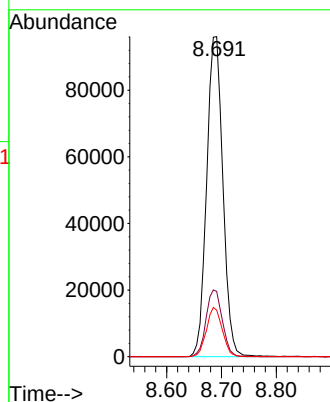
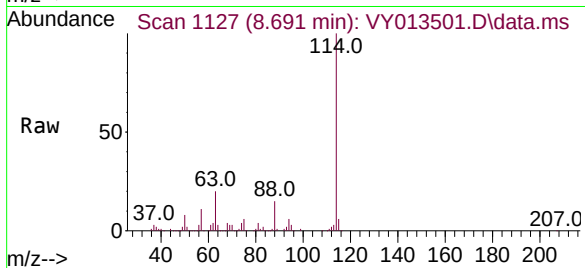
Tgt Ion:114 Resp: 196912

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 58.759 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013501.D

Acq: 27 Apr 2023 18:50

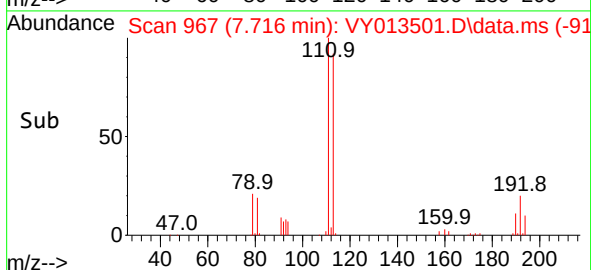
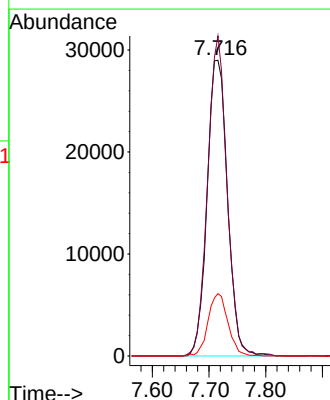
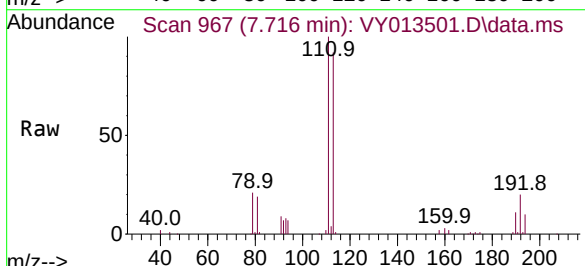
Tgt Ion:113 Resp: 72772

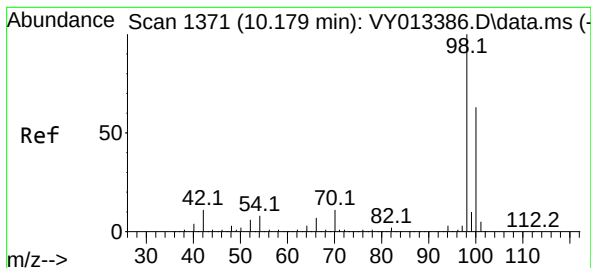
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

192 20.5 16.7 25.1

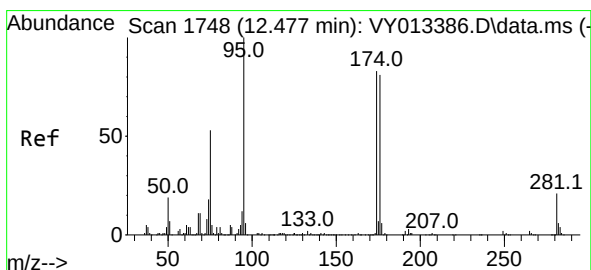
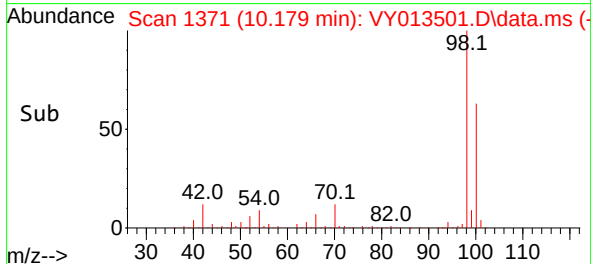
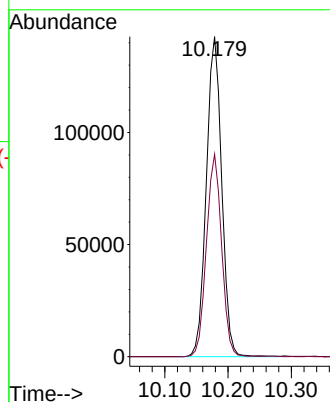
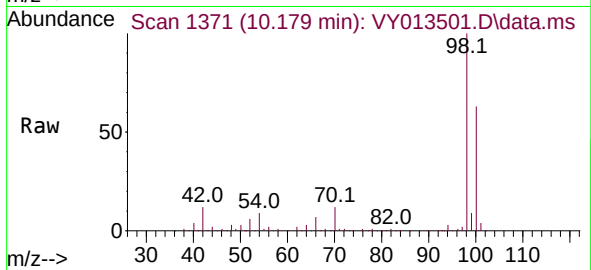




#50
Toluene-d8
Concen: 54.910 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013501.D
Acq: 27 Apr 2023 18:50

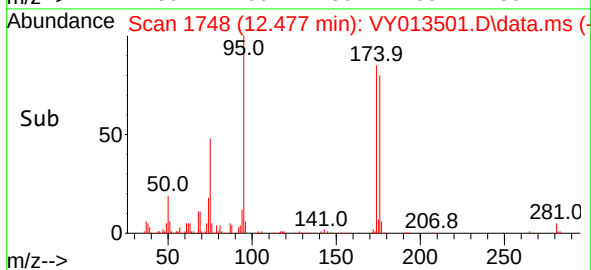
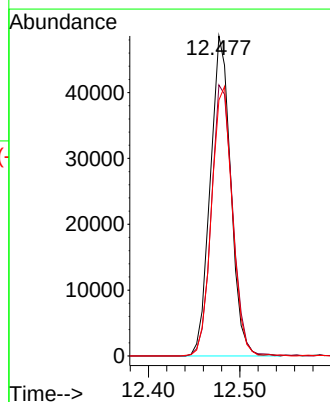
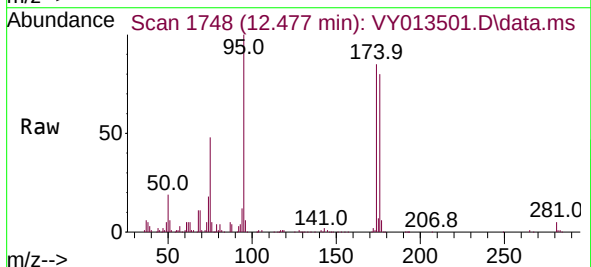
Instrument :
MSVOA_Y
ClientSampleId :
SB-11-8.5-9.0

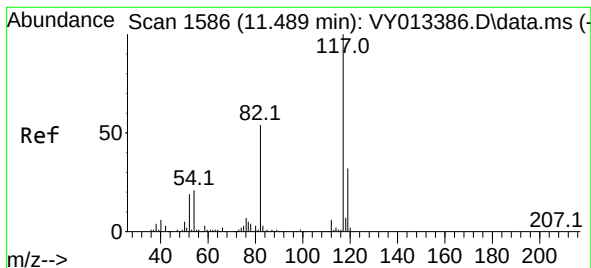
Tgt Ion: 98 Resp: 241921
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 50.812 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013501.D
Acq: 27 Apr 2023 18:50

Tgt Ion: 95 Resp: 75471
Ion Ratio Lower Upper
95 100
174 87.8 0.0 182.0
176 85.9 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: VY013501.D

Acq: 27 Apr 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-11-8.5-9.0

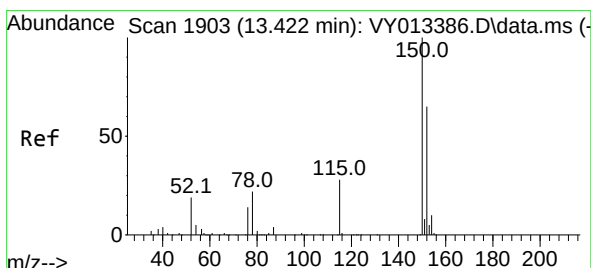
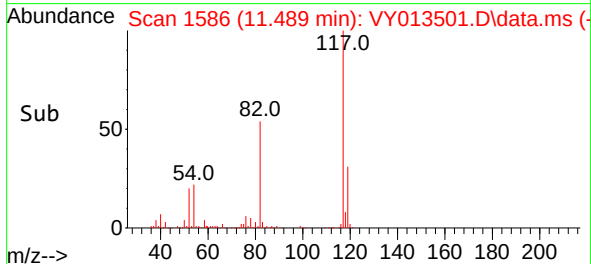
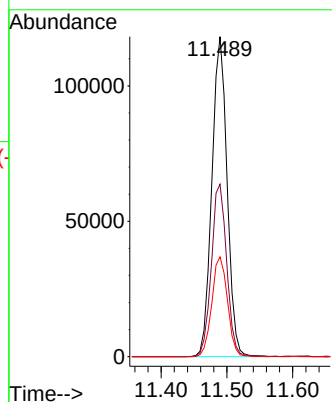
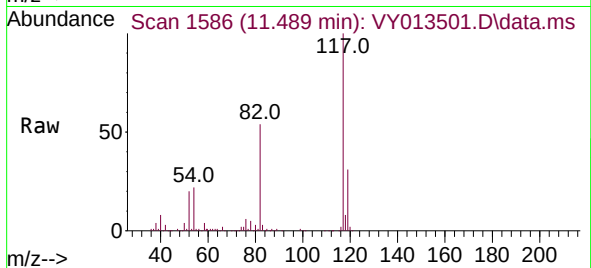
Tgt Ion:117 Resp: 190758

Ion Ratio Lower Upper

117 100

82 53.9 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: VY013501.D

Acq: 27 Apr 2023 18:50

Tgt Ion:152 Resp: 81121

Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.2

150 156.6 0.0 352.0

