

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013532.D
 Acq On : 01 May 2023 12:15
 Operator : KP/MD
 Sample : VY0501SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBL01

Quant Time: May 01 22:45:51 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	266144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	428914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188725	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	163969	56.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.400%
35) Dibromofluoromethane	7.716	113	141289	52.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.179	98	456709	47.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.477	95	155952	48.203	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.400%

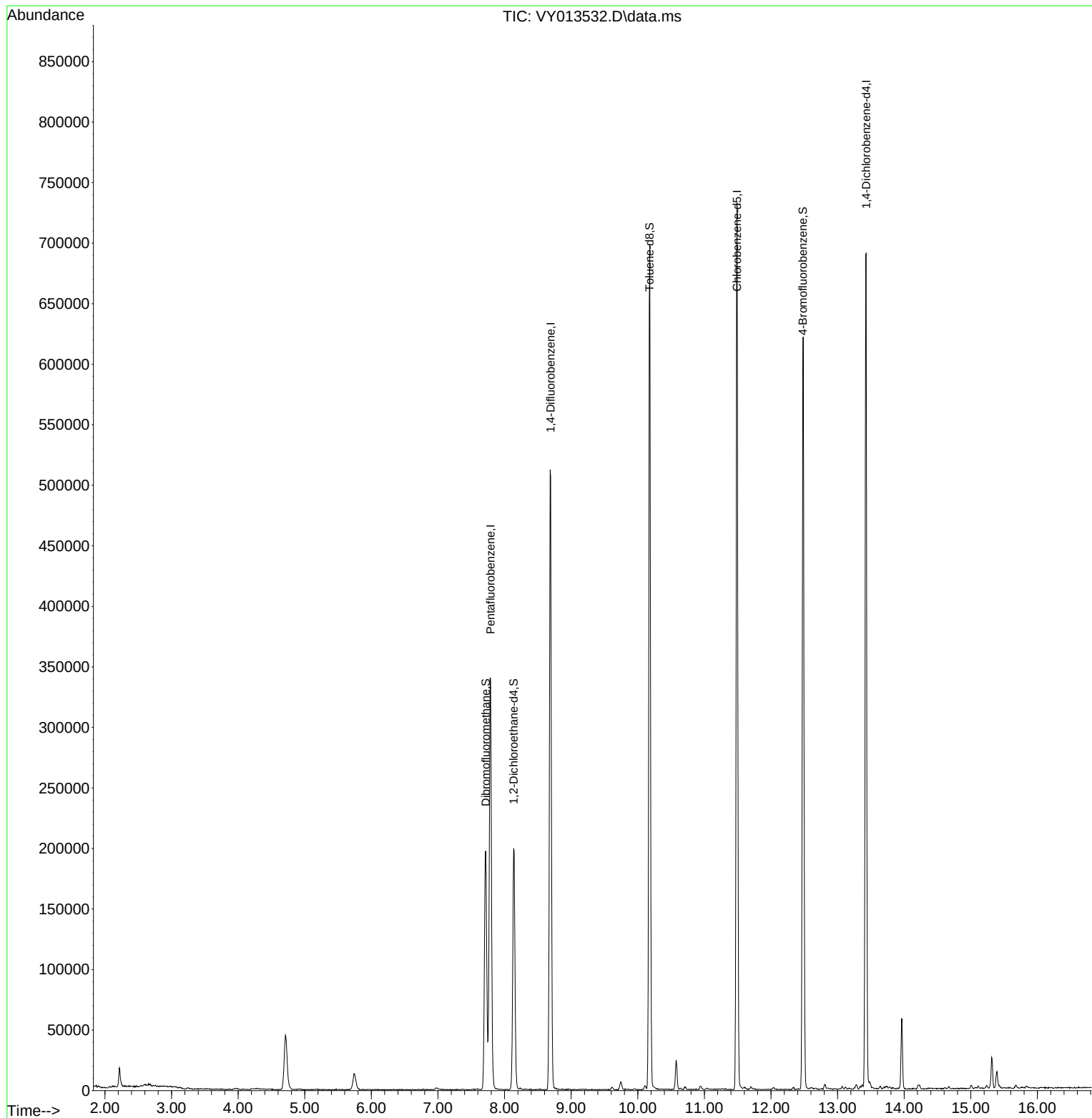
Target Compounds	Qvalue

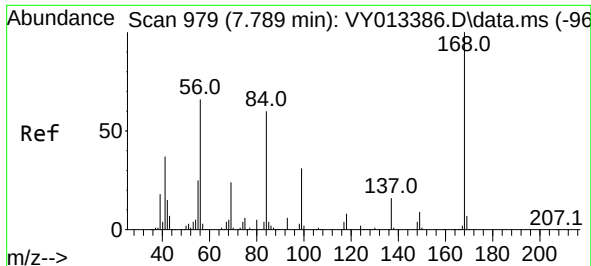
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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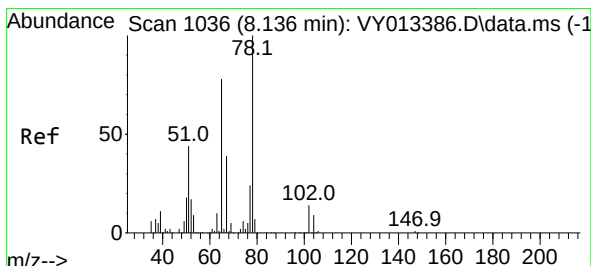
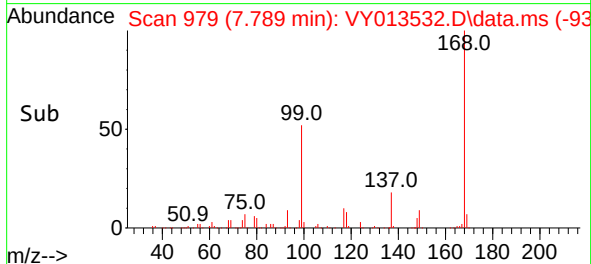
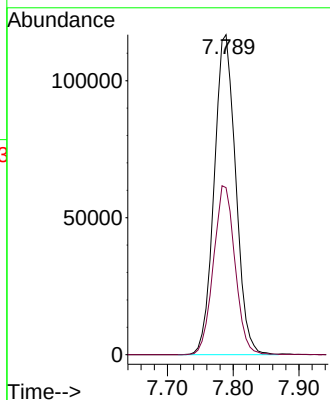
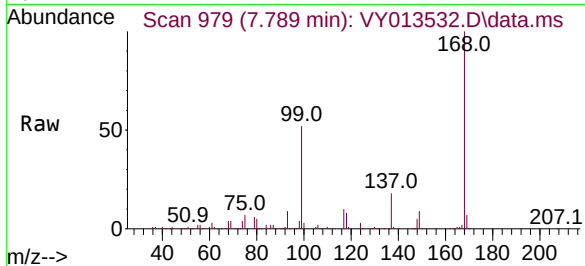




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013532.D
Acq: 01 May 2023 12:15

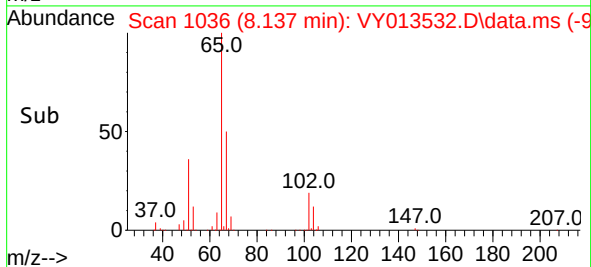
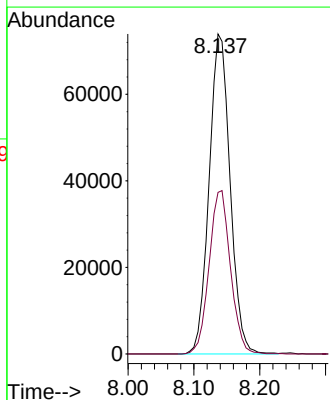
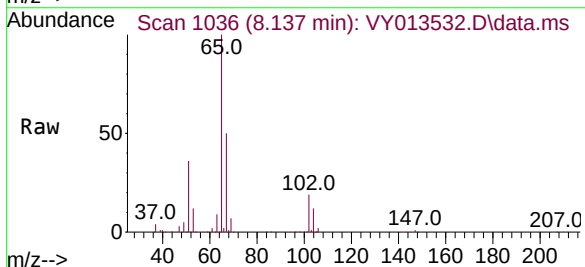
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

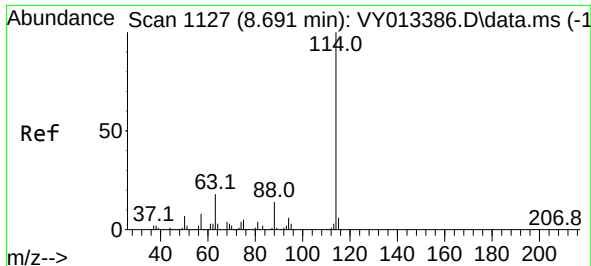
Tgt Ion:168 Resp: 266144
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 56.201 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013532.D
Acq: 01 May 2023 12:15

Tgt Ion: 65 Resp: 163969
Ion Ratio Lower Upper
65 100
67 52.1 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: VY013532.D

Acq: 01 May 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBL01

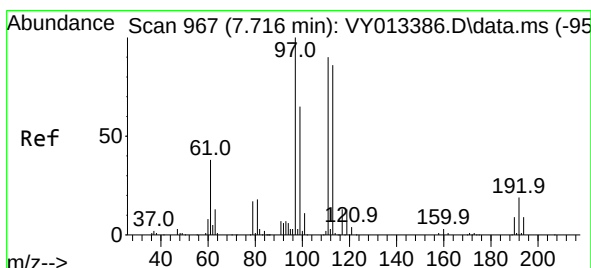
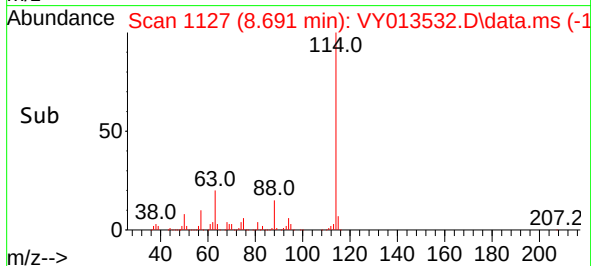
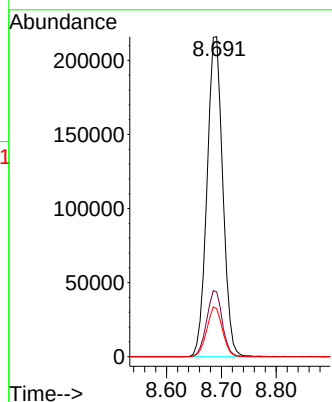
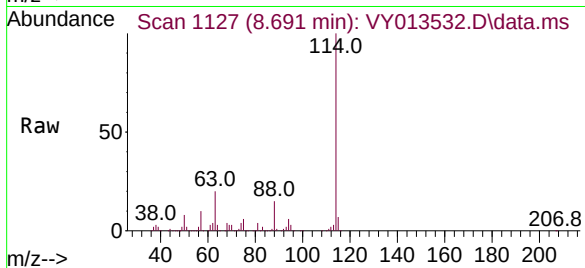
Tgt Ion:114 Resp: 428914

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 52.374 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013532.D

Acq: 01 May 2023 12:15

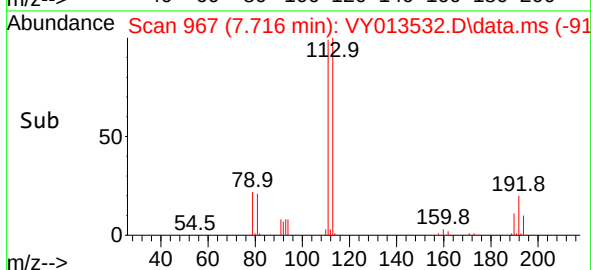
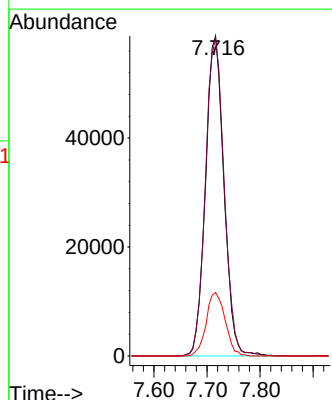
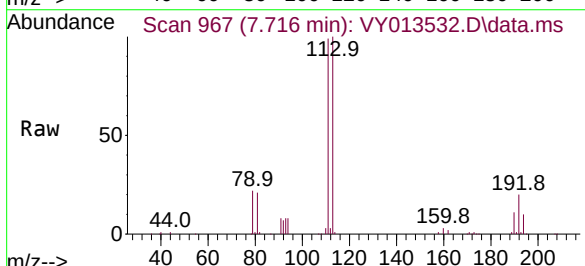
Tgt Ion:113 Resp: 141289

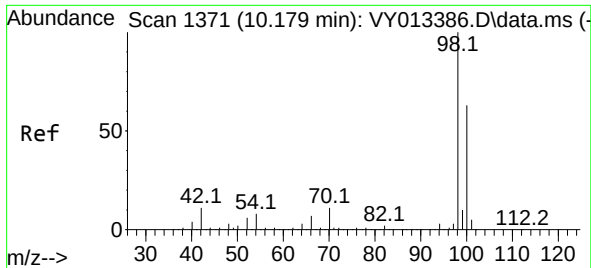
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 20.5 16.7 25.1

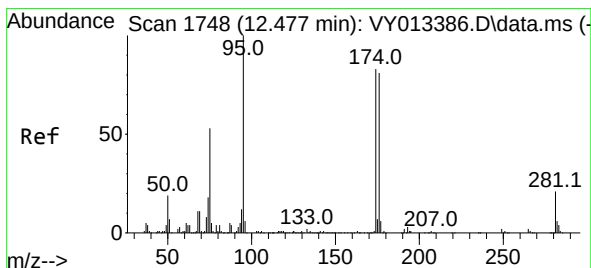
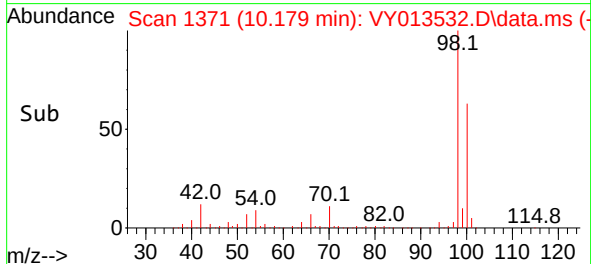
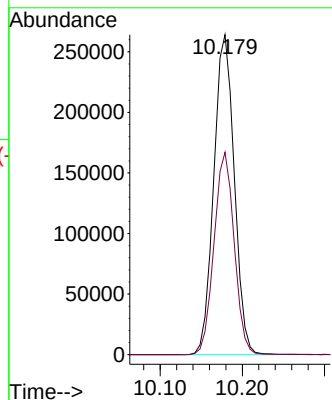
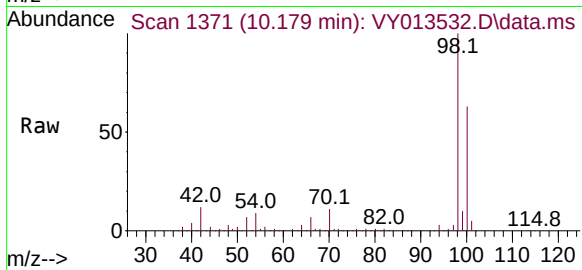




#50
Toluene-d8
Concen: 47.590 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013532.D
Acq: 01 May 2023 12:15

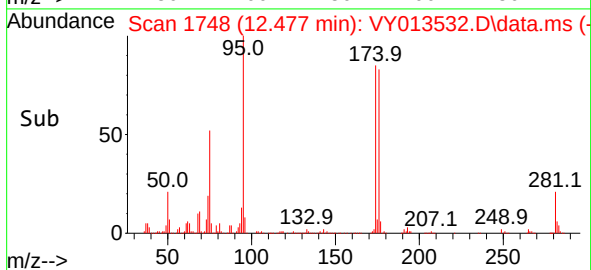
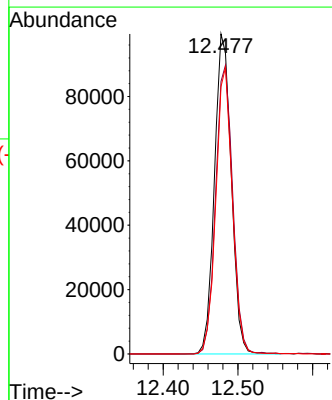
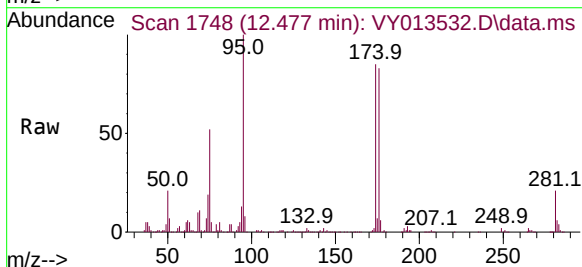
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

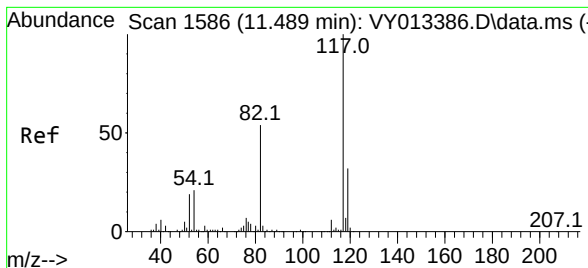
Tgt Ion: 98 Resp: 456709
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 48.203 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013532.D
Acq: 01 May 2023 12:15

Tgt Ion: 95 Resp: 155952
Ion Ratio Lower Upper
95 100
174 91.7 0.0 182.0
176 87.9 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: VY013532.D

Acq: 01 May 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBL01

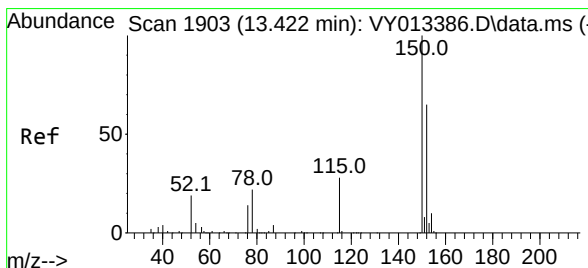
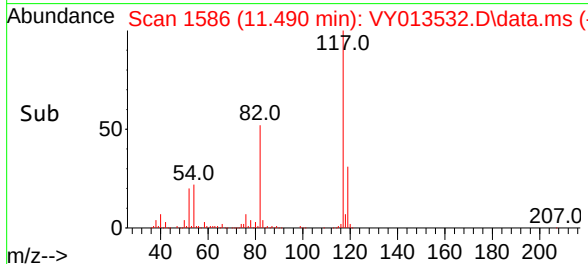
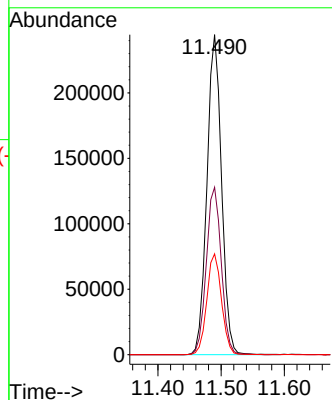
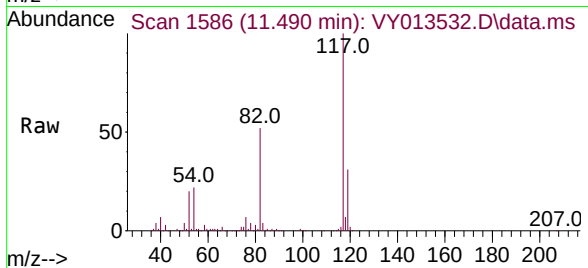
Tgt Ion:117 Resp: 392999

Ion Ratio Lower Upper

117 100

82 52.3 43.0 64.6

119 31.5 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: VY013532.D

Acq: 01 May 2023 12:15

Tgt Ion:152 Resp: 188725

Ion Ratio Lower Upper

152 100

115 55.4 28.1 84.2

150 153.5 0.0 352.0

