

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013618.D
 Acq On : 05 May 2023 12:24
 Operator : KP/MD
 Sample : 02604-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TF-1RE

Quant Time: May 08 00:23:43 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	1417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2364	152.188	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	304.380%#
35) Dibromofluoromethane	7.710	113	1430	73.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	146.640%
50) Toluene-d8	10.179	98	3350	48.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.477	95	878	37.536	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.080%

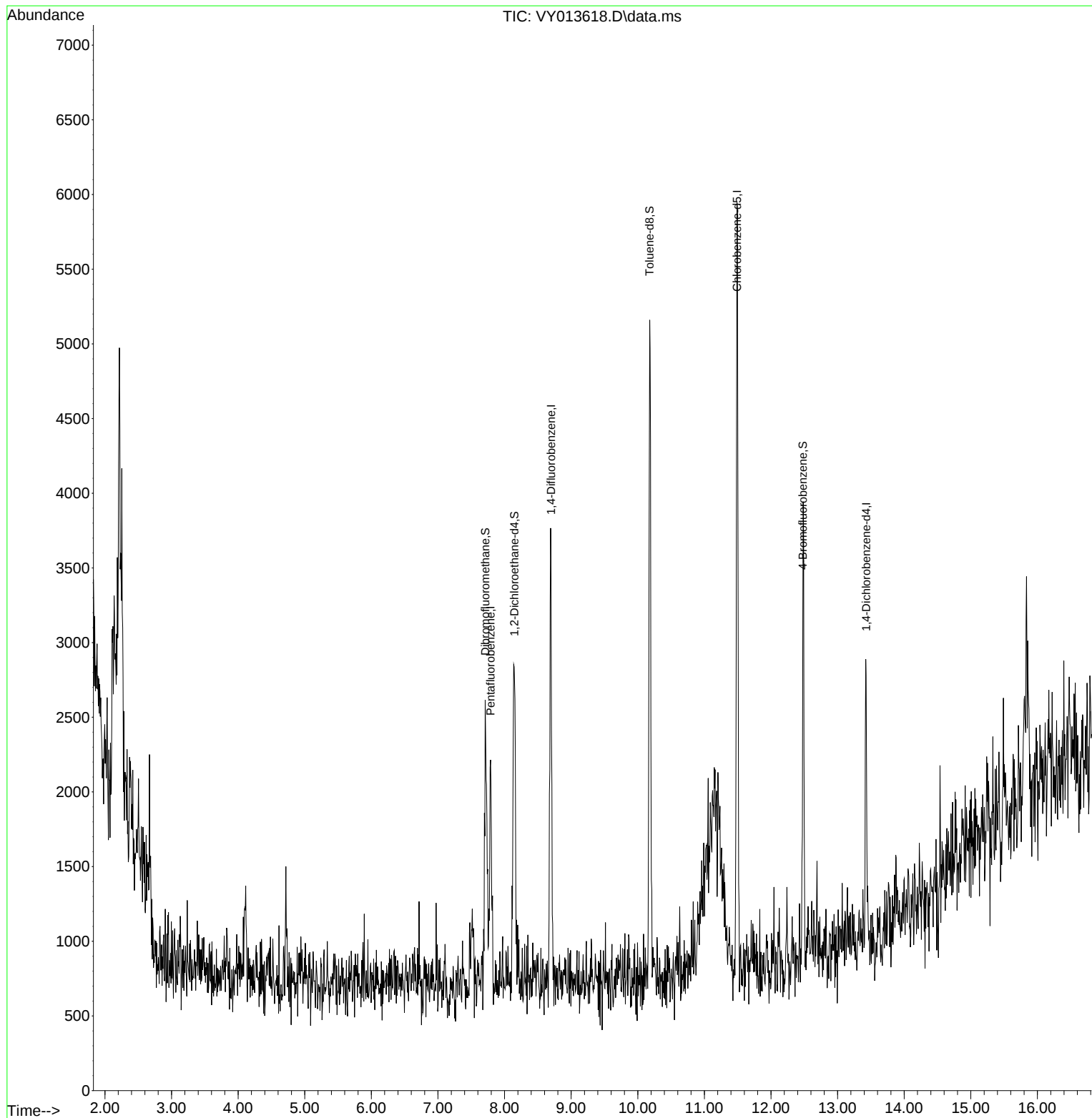
Target Compounds	Qvalue

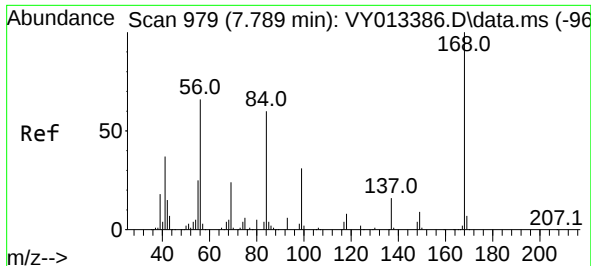
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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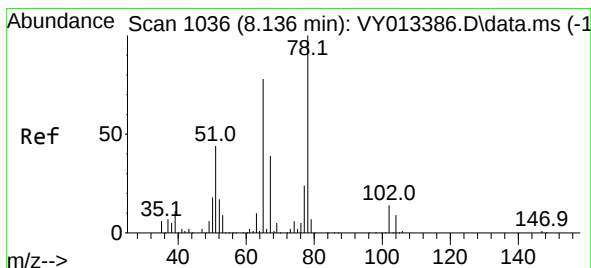
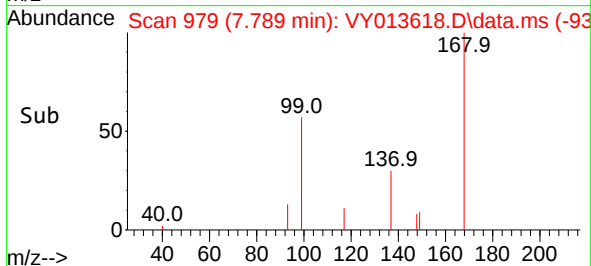
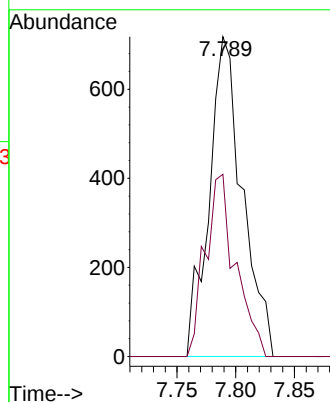
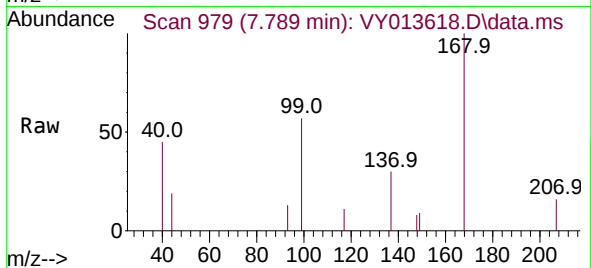




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

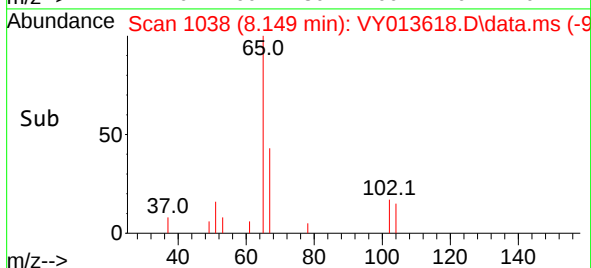
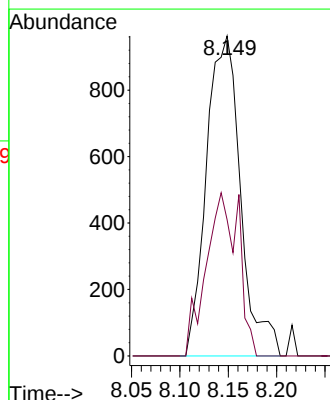
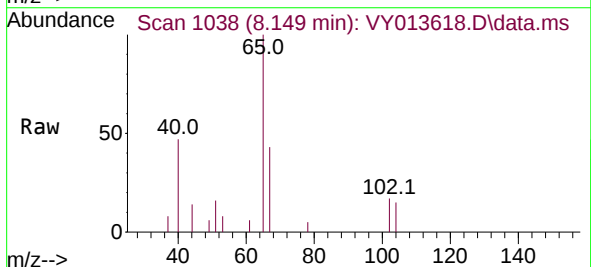
Instrument :
MSVOA_Y
ClientSampleId :
TF-1RE

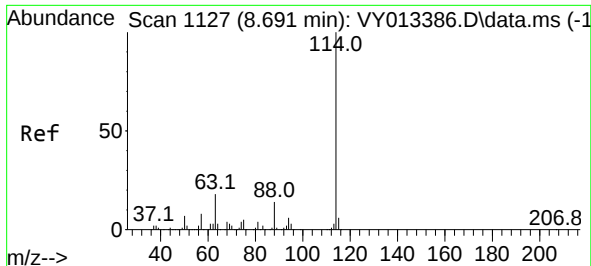
Tgt Ion:168 Resp: 1417
Ion Ratio Lower Upper
168 100
99 57.0 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 152.188 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY013618.D
Acq: 05 May 2023 12:24

Tgt Ion: 65 Resp: 2364
Ion Ratio Lower Upper
65 100
67 48.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

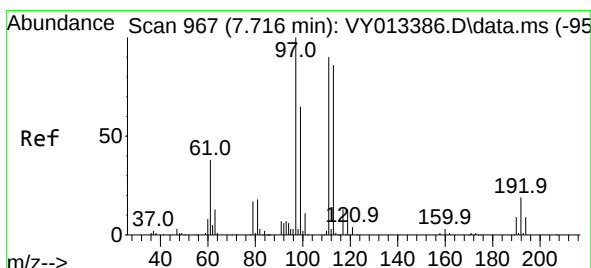
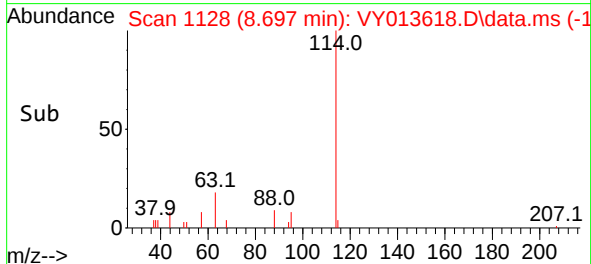
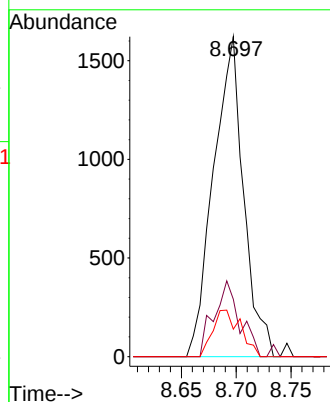
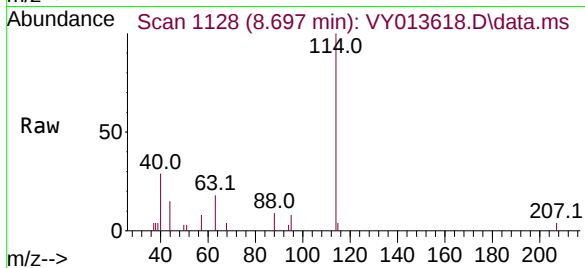
Instrument :

MSVOA_Y

ClientSampleId :

TF-1RE

Tgt Ion:114	Resp:	3101
Ion	Ratio	Lower Upper
114	100	
63	17.9	0.0 36.6
88	8.6	0.0 28.8



#35

Dibromofluoromethane

Concen: 73.319 ug/l

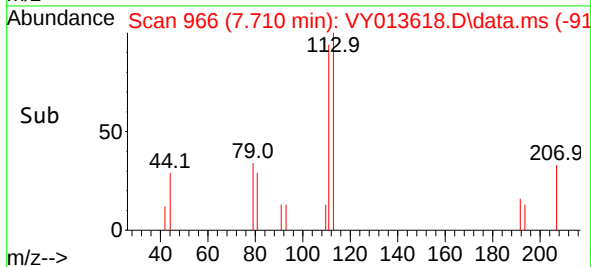
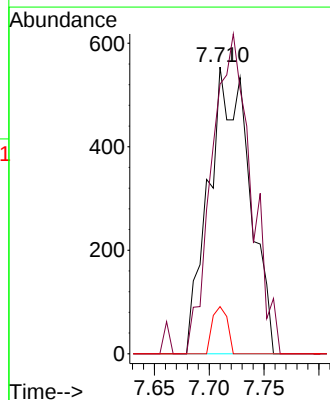
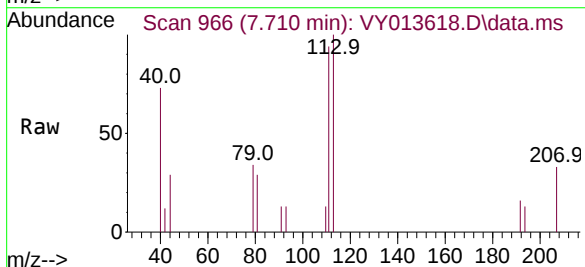
RT: 7.710 min Scan# 966

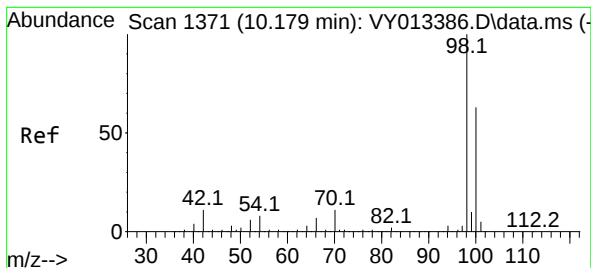
Delta R.T. -0.006 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

Tgt Ion:113	Resp:	1430
Ion	Ratio	Lower Upper
113	100	
111	107.2	82.2 123.2
192	6.1	16.7 25.1





#50

Toluene-d8

Concen: 48.283 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

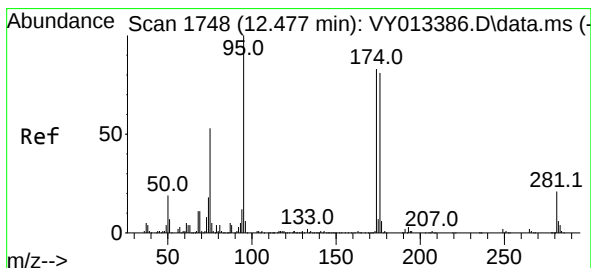
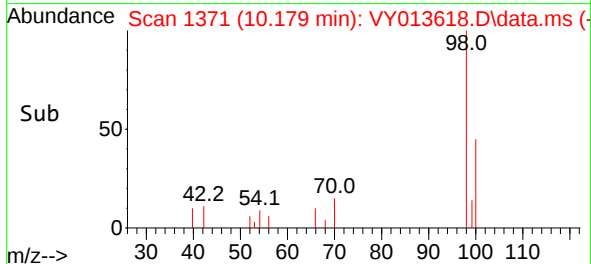
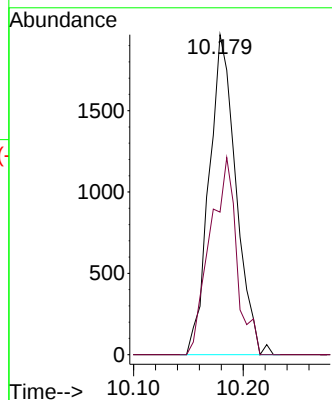
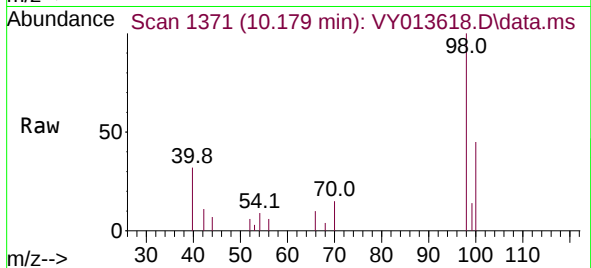
TF-1RE

Tgt Ion: 98 Resp: 3350

Ion Ratio Lower Upper

98 100

100 61.6 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 37.536 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013618.D

Acq: 05 May 2023 12:24

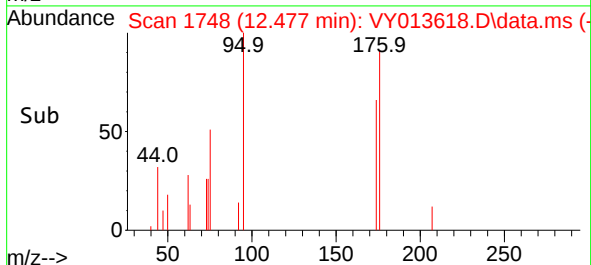
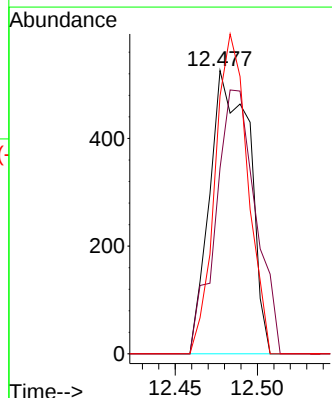
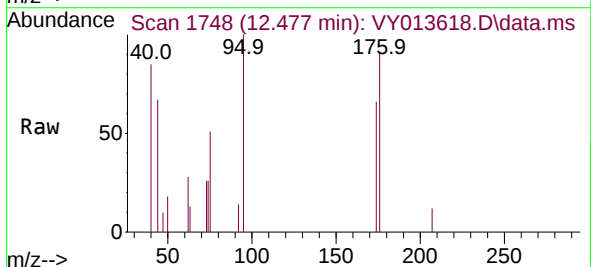
Tgt Ion: 95 Resp: 878

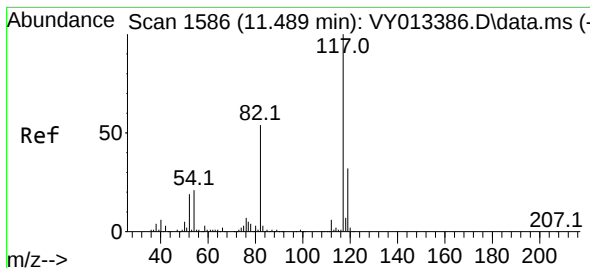
Ion Ratio Lower Upper

95 100

174 94.4 0.0 182.0

176 93.5 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: VY013618.D

Acq: 05 May 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

TF-1RE

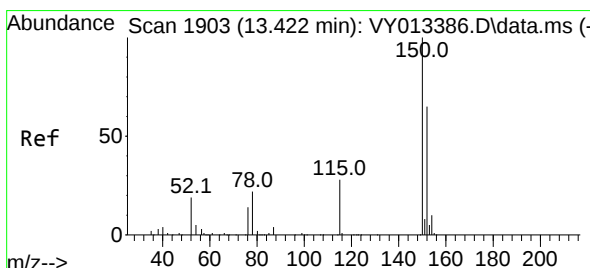
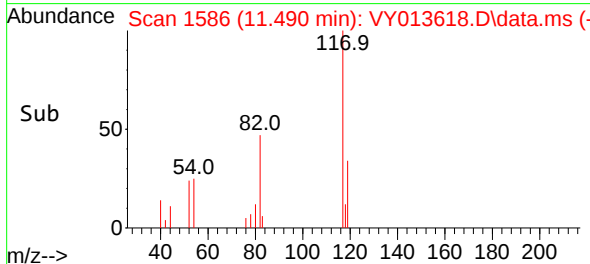
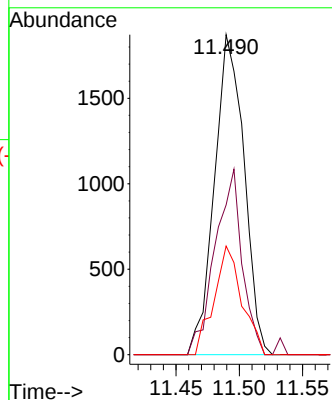
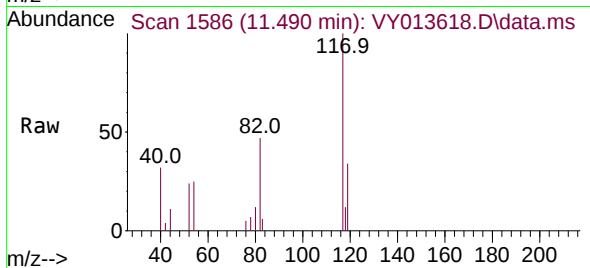
Tgt Ion:117 Resp: 3045

Ion Ratio Lower Upper

117 100

82 46.8 43.0 64.6

119 34.0 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: VY013618.D

Acq: 05 May 2023 12:24

Tgt Ion:152 Resp: 688

Ion Ratio Lower Upper

152 100

115 48.8 28.1 84.2

150 166.3 0.0 352.0

