

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013566.D
 Acq On : 02 May 2023 18:54
 Operator : KP/MD
 Sample : 02583-04
 Misc : 13.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-24

Quant Time: May 03 01:35:22 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	200486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	327566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	153475	69.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.660%
35) Dibromofluoromethane	7.716	113	117354	55.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.260%
50) Toluene-d8	10.179	98	408539	54.443	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.880%
62) 4-Bromofluorobenzene	12.483	95	131230	51.874	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.740%

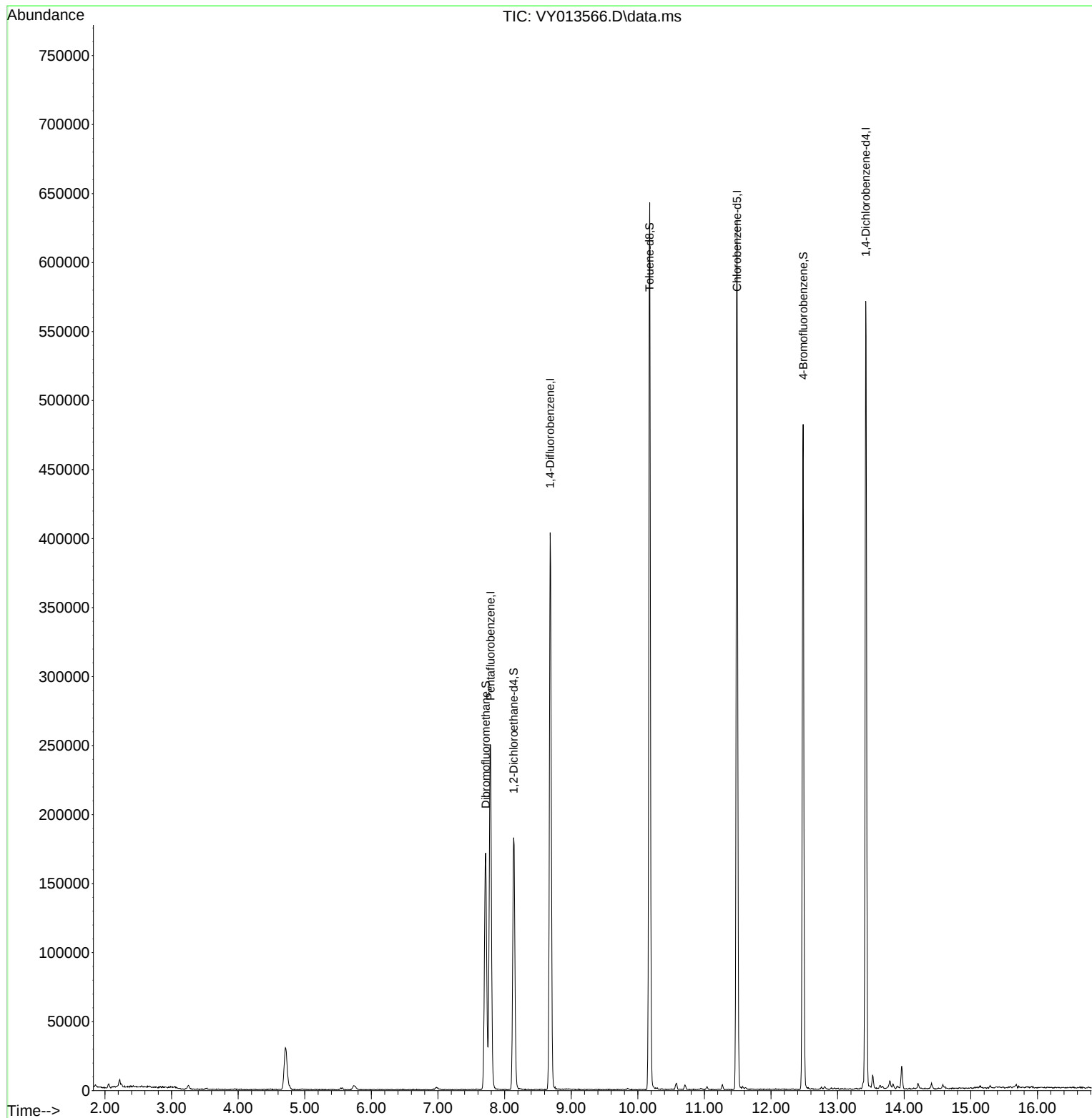
Target Compounds	Qvalue

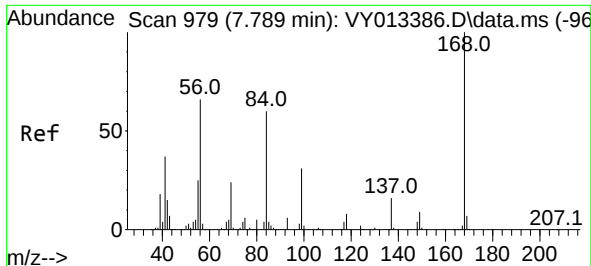
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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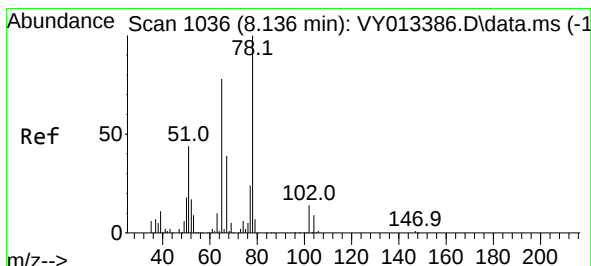
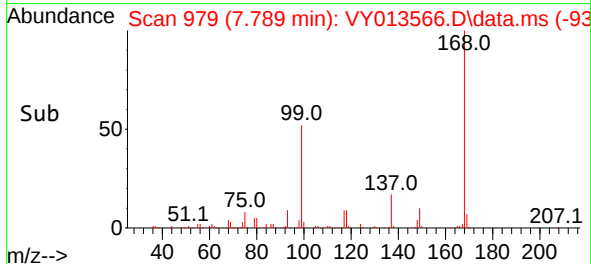
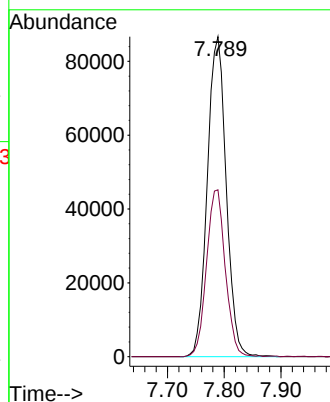
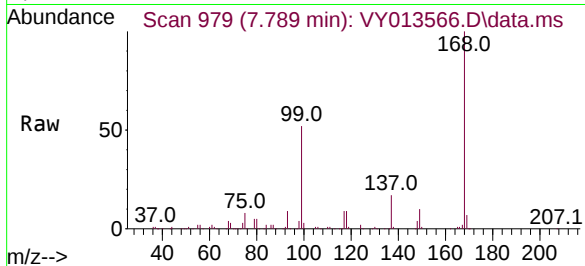




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

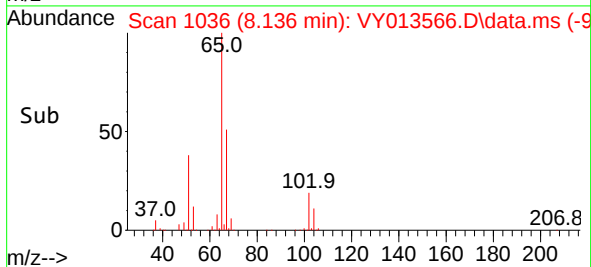
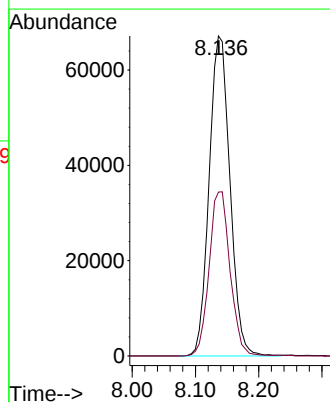
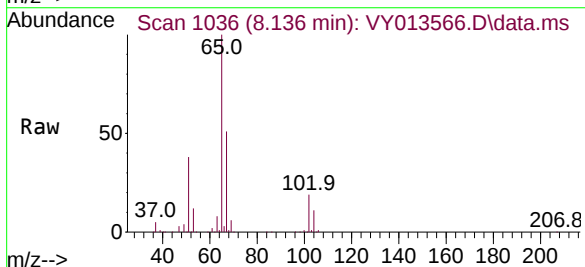
Instrument :
MSVOA_Y
ClientSampleId :
CF-24

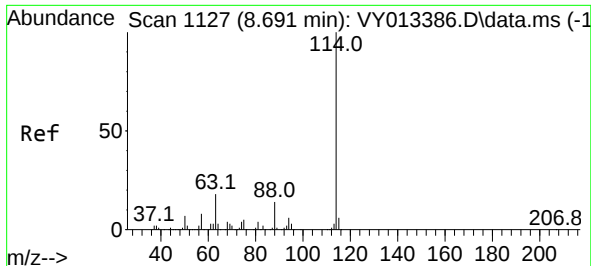
Tgt Ion:168 Resp: 200486
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 69.832 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

Tgt Ion: 65 Resp: 153475
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013566.D

Acq: 02 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

CF-24

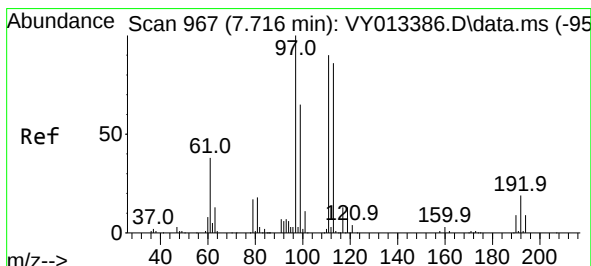
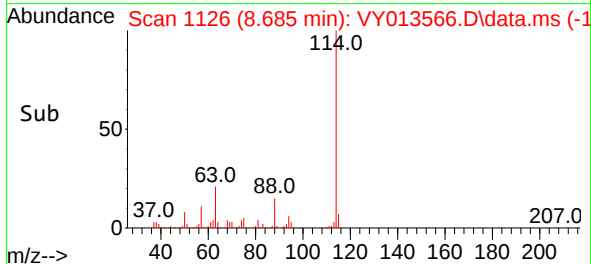
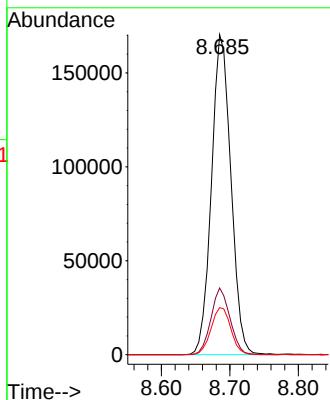
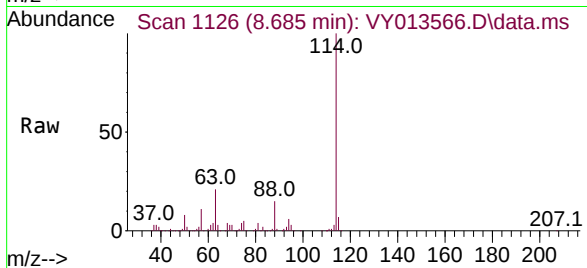
Tgt Ion:114 Resp: 335383

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.6

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.634 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013566.D

Acq: 02 May 2023 18:54

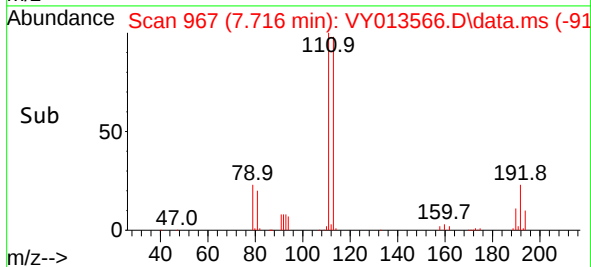
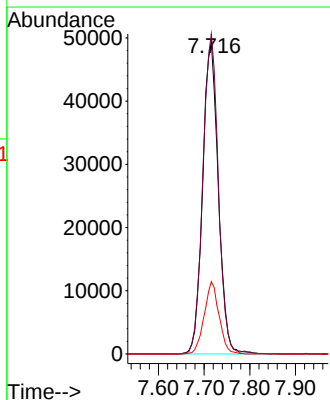
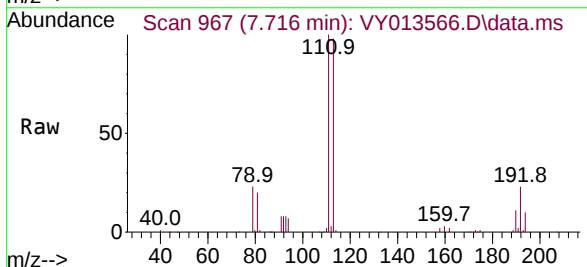
Tgt Ion:113 Resp: 117354

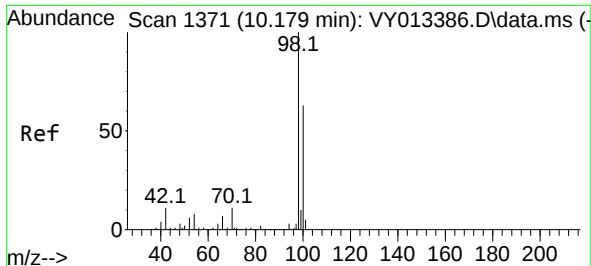
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

192 22.0 16.7 25.1

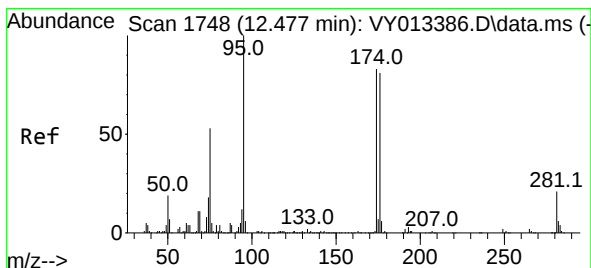
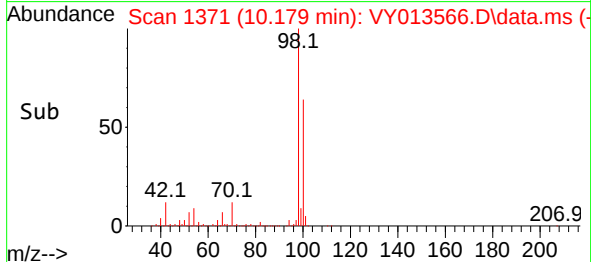
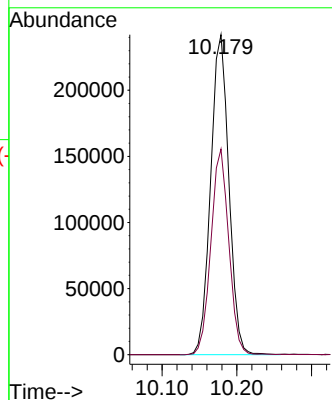
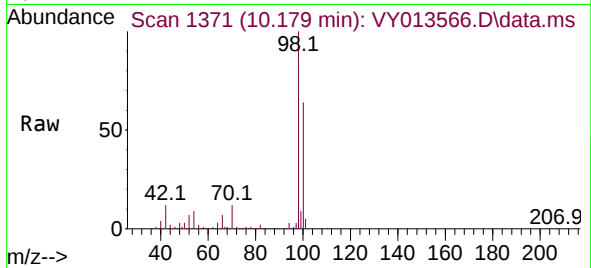




#50
Toluene-d8
Concen: 54.443 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

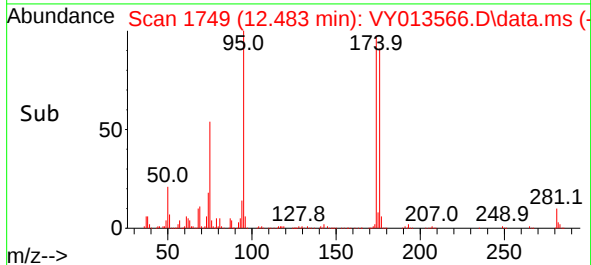
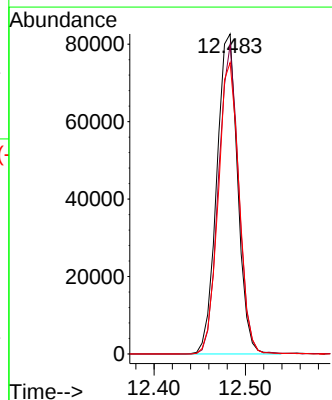
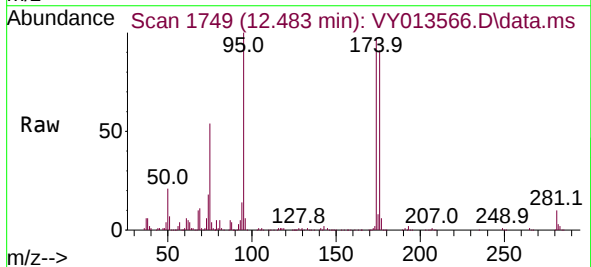
Instrument :
MSVOA_Y
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CF-24

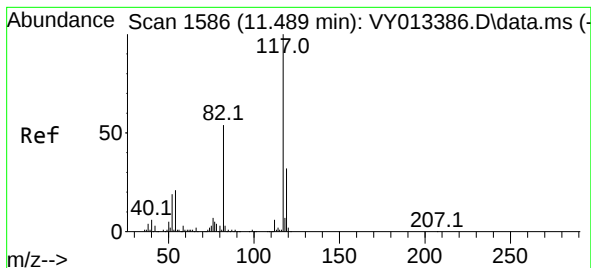
Tgt Ion: 98 Resp: 408539
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.874 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013566.D
Acq: 02 May 2023 18:54

Tgt Ion: 95 Resp: 131230
Ion Ratio Lower Upper
95 100
174 93.2 0.0 182.0
176 90.9 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: VY013566.D

Acq: 02 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

CF-24

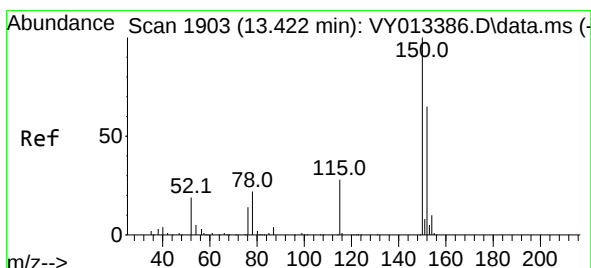
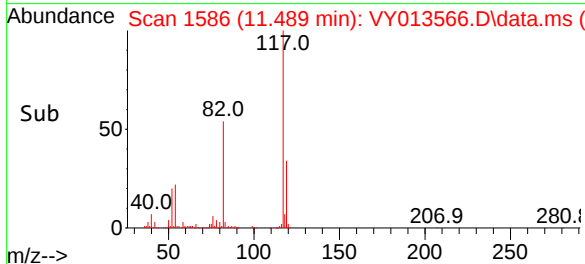
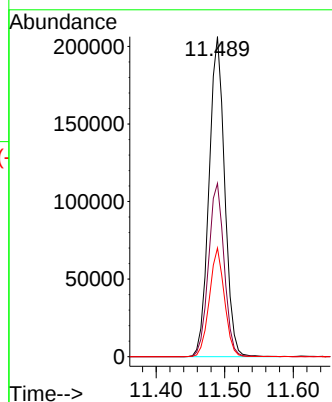
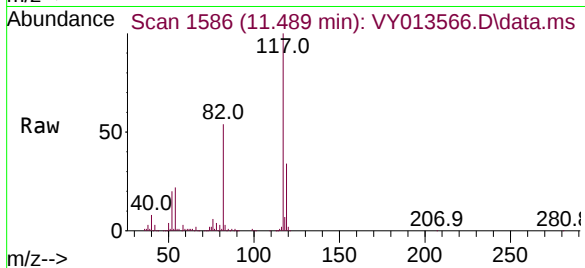
Tgt Ion:117 Resp: 327566

Ion Ratio Lower Upper

117 100

82 54.2 43.0 64.6

119 34.0 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: VY013566.D

Acq: 02 May 2023 18:54

Tgt Ion:152 Resp: 148844

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

150 157.6 0.0 352.0

