

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013557.D
 Acq On : 02 May 2023 15:23
 Operator : KP/MD
 Sample : 02572-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2343

Quant Time: May 03 01:33:59 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	89269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	129656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52912	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60562	61.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.780%
35) Dibromofluoromethane	7.722	113	51164	57.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.040%
50) Toluene-d8	10.178	98	171603	54.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.460%
62) 4-Bromofluorobenzene	12.483	95	48866	45.804	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.600%

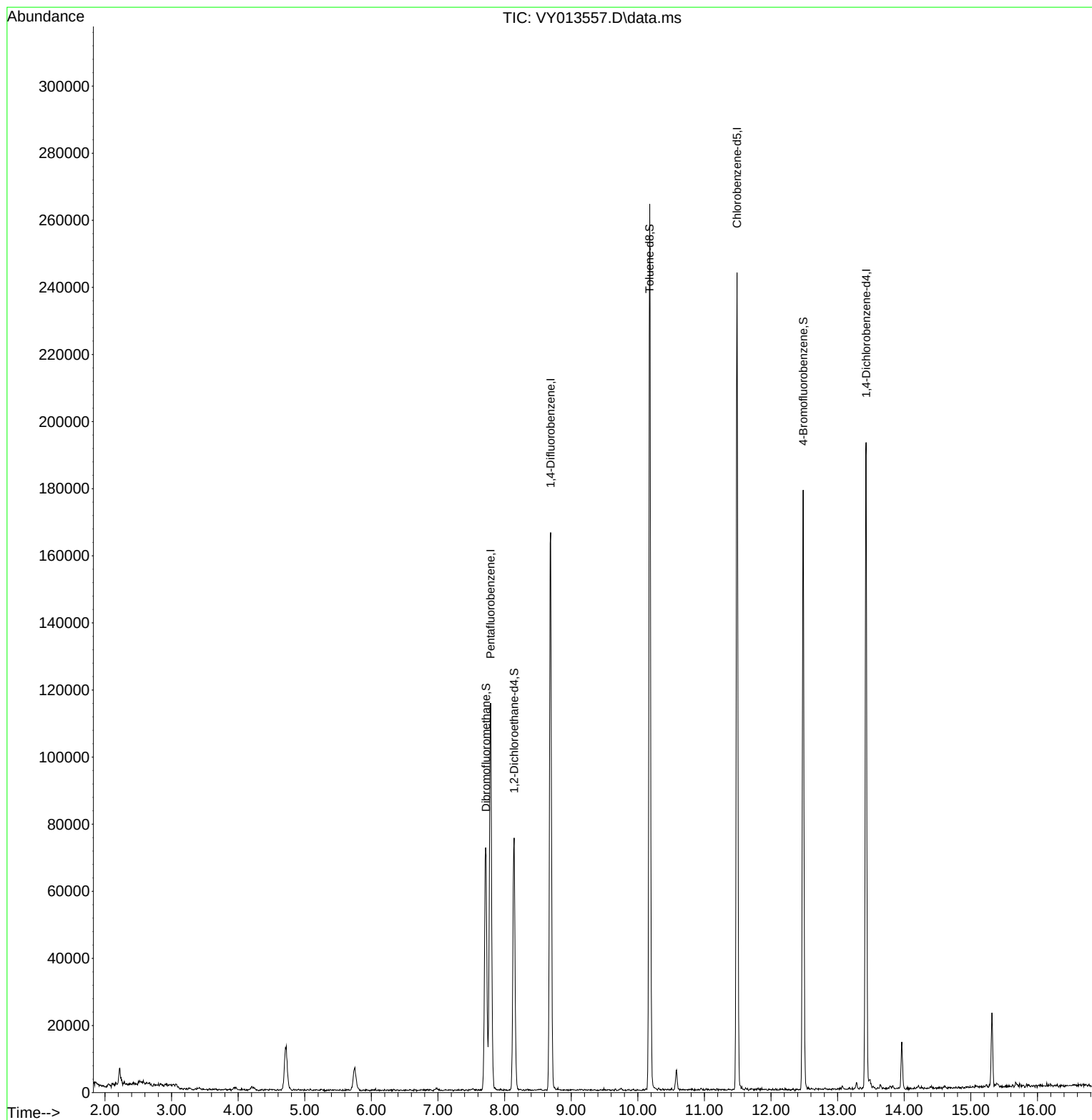
Target Compounds	Qvalue

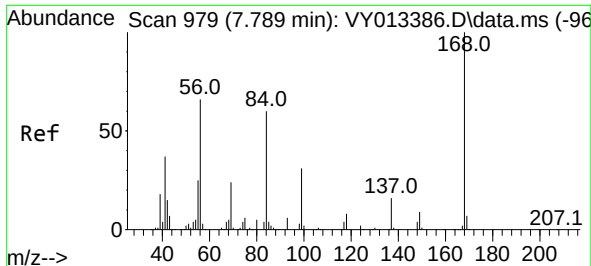
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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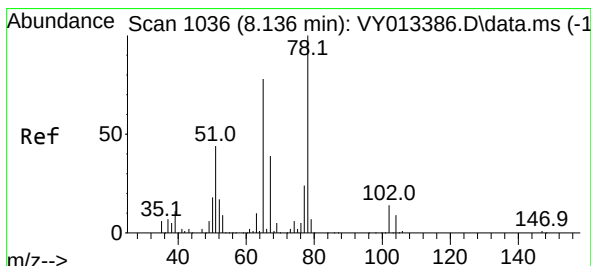
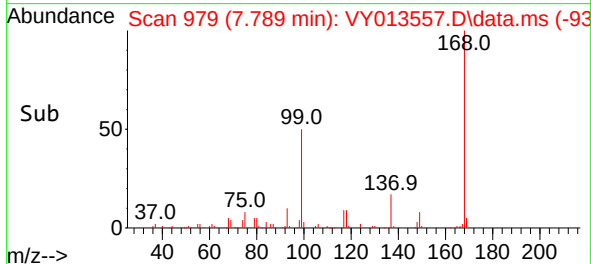
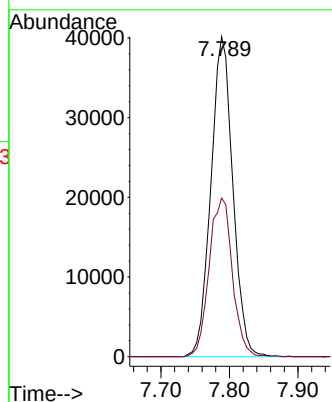
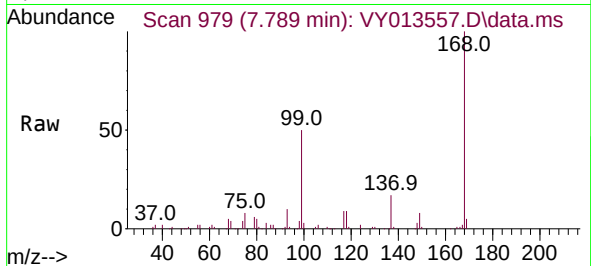




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013557.D
Acq: 02 May 2023 15:23

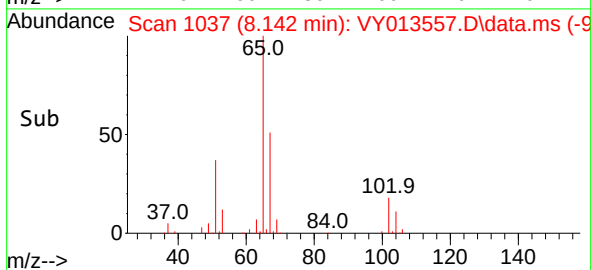
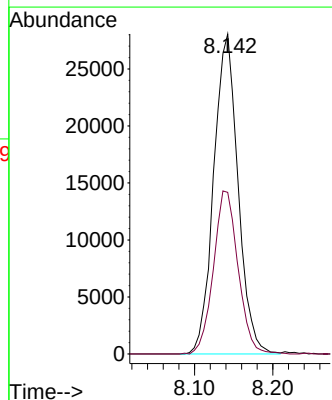
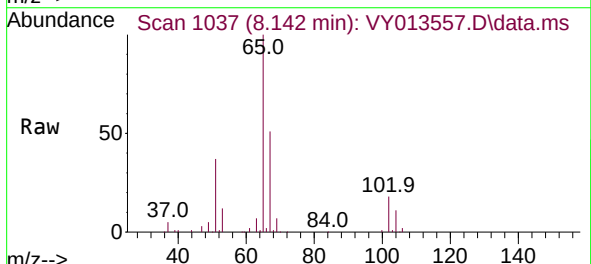
Instrument :
MSVOA_Y
ClientSampleId :
RT2343

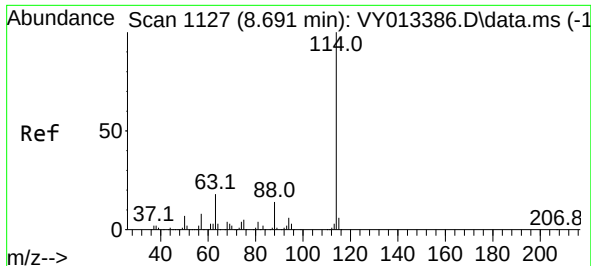
Tgt Ion:168 Resp: 89269
Ion Ratio Lower Upper
168 100
99 49.6 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 61.887 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013557.D
Acq: 02 May 2023 15:23

Tgt Ion: 65 Resp: 60562
Ion Ratio Lower Upper
65 100
67 51.6 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: VY013557.D

Acq: 02 May 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

RT2343

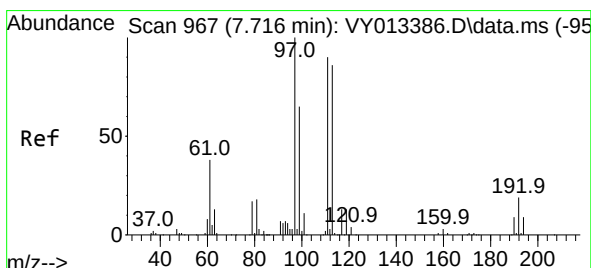
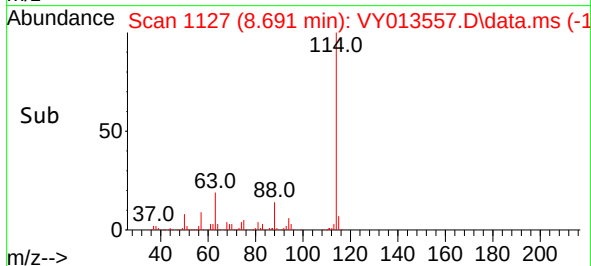
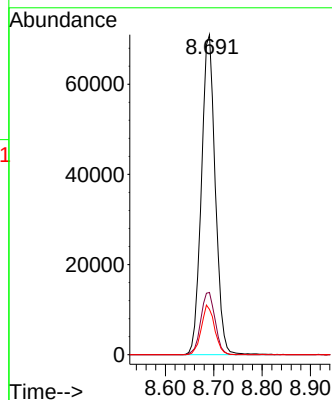
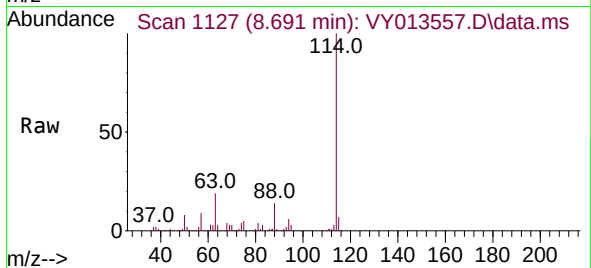
Tgt Ion:114 Resp: 141436

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.6

88 14.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 57.516 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013557.D

Acq: 02 May 2023 15:23

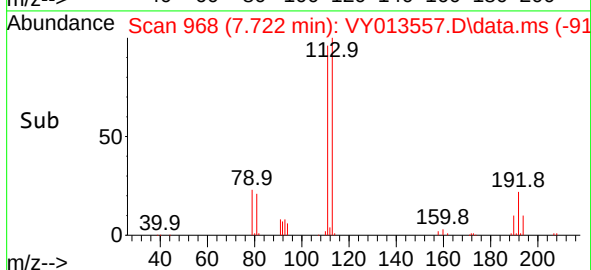
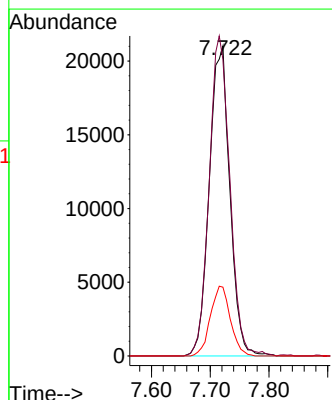
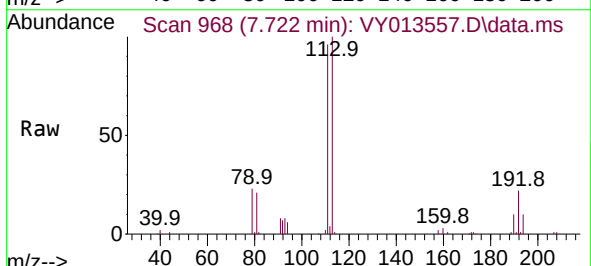
Tgt Ion:113 Resp: 51164

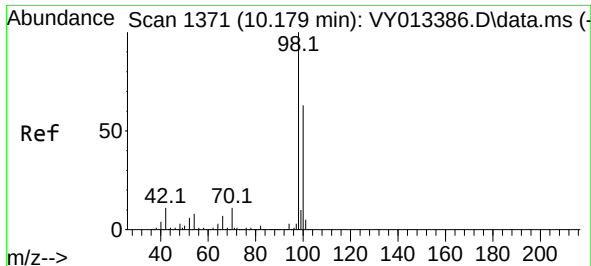
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

192 21.8 16.7 25.1

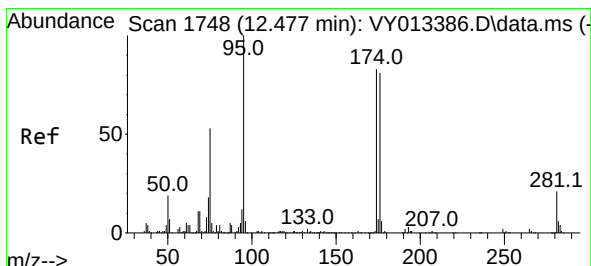
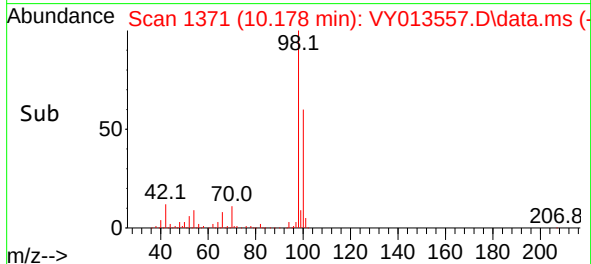
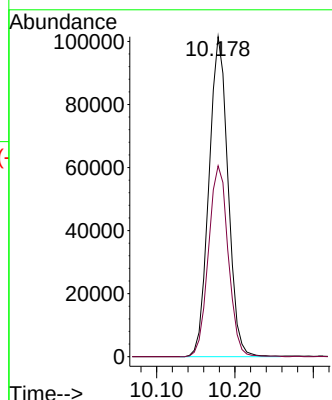
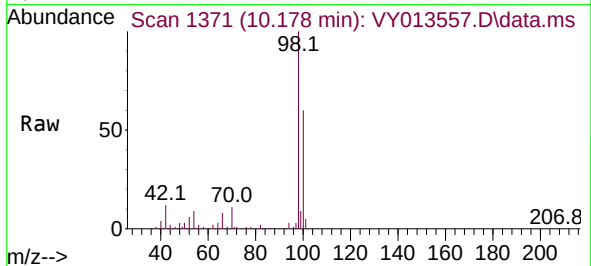




#50
Toluene-d8
Concen: 54.227 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013557.D
Acq: 02 May 2023 15:23

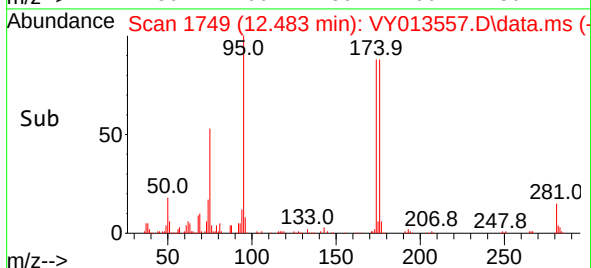
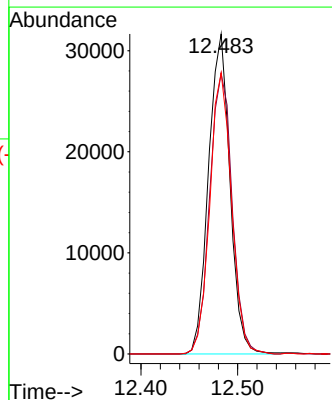
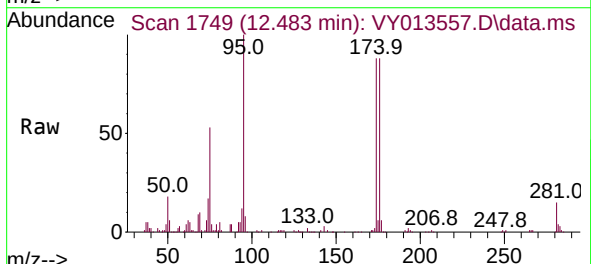
Instrument :
MSVOA_Y
ClientSampleId :
RT2343

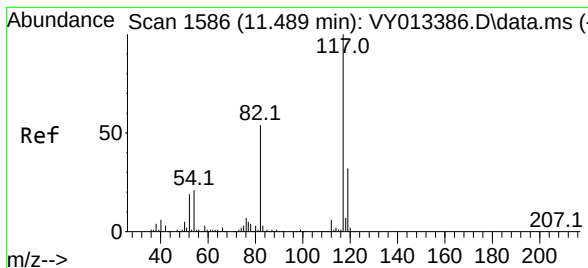
Tgt Ion: 98 Resp: 171603
Ion Ratio Lower Upper
98 100
100 61.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.804 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013557.D
Acq: 02 May 2023 15:23

Tgt Ion: 95 Resp: 48866
Ion Ratio Lower Upper
95 100
174 91.9 0.0 182.0
176 88.9 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: VY013557.D

Acq: 02 May 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

RT2343

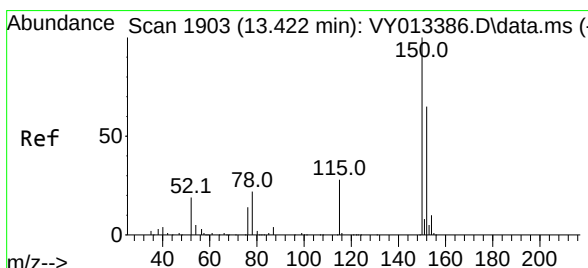
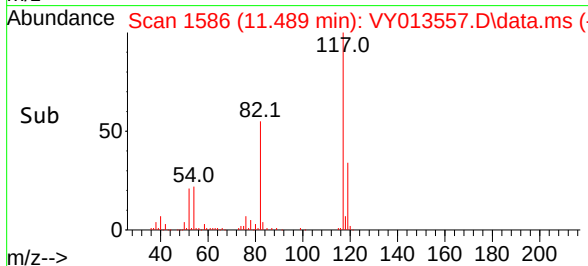
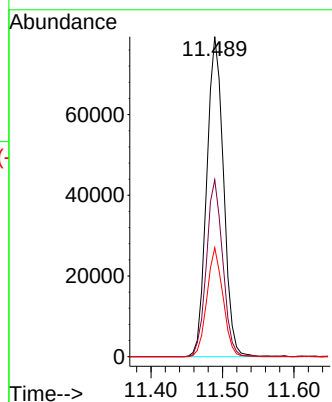
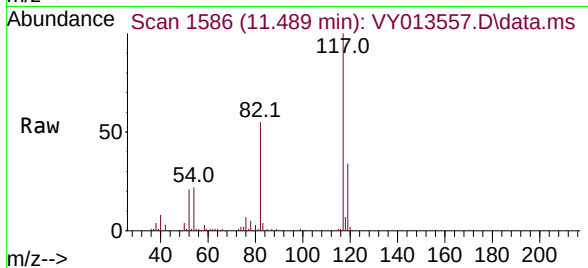
Tgt Ion:117 Resp: 129656

Ion Ratio Lower Upper

117 100

82 55.3 43.0 64.6

119 34.1 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: VY013557.D

Acq: 02 May 2023 15:23

Tgt Ion:152 Resp: 52912

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.2

150 152.2 0.0 352.0

