

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013914.D
 Acq On : 30 May 2023 13:11
 Operator : KP/MD
 Sample : 02920-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-400027

Quant Time: May 30 15:37:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	176615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	120752	59.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.200%
35) Dibromofluoromethane	7.716	113	99159	51.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.060%
50) Toluene-d8	10.179	98	368283	49.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.477	95	118401	48.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.460%

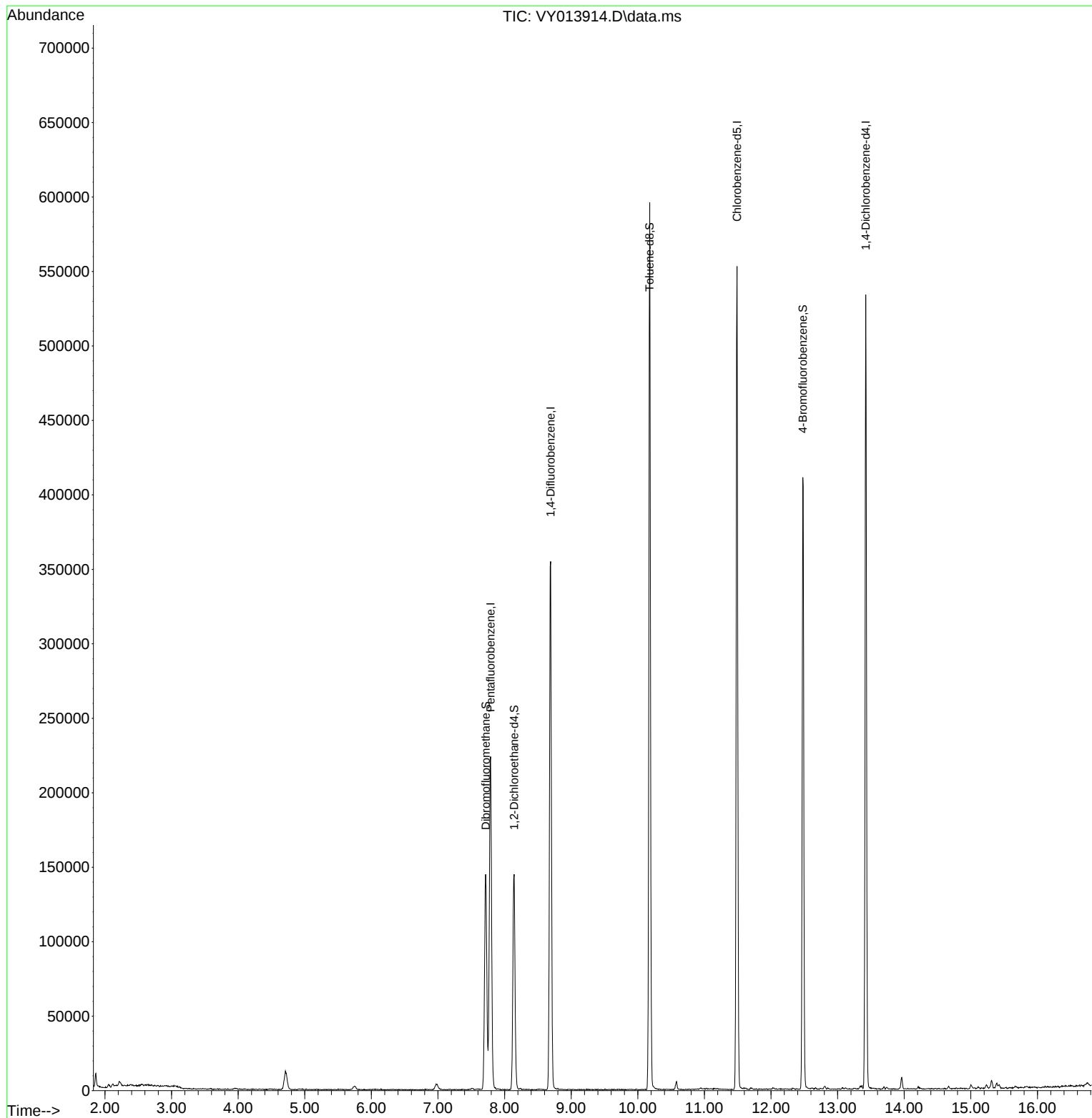
Target Compounds	Qvalue

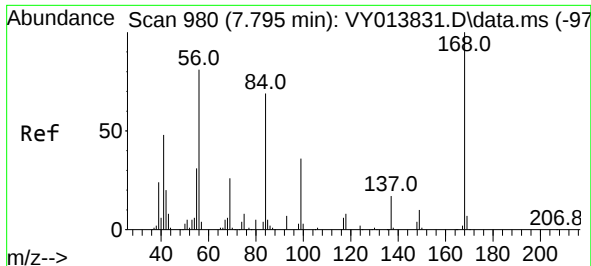
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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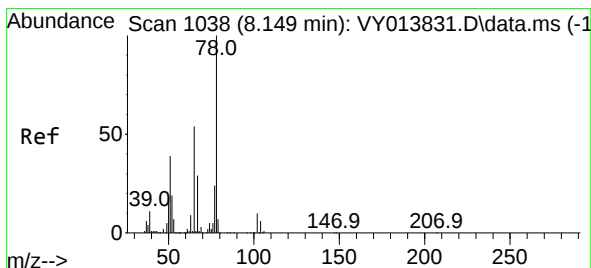
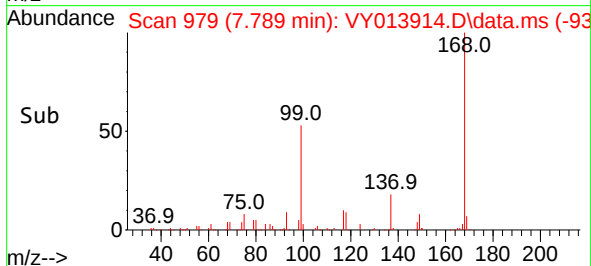
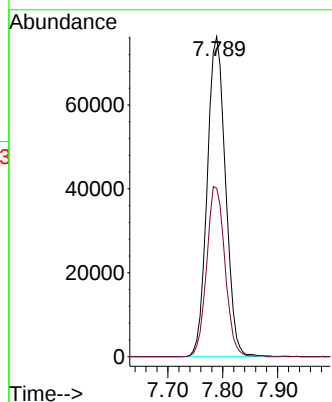
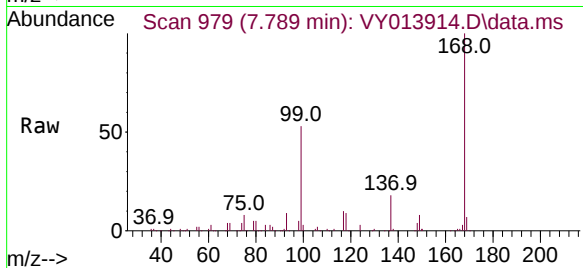




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

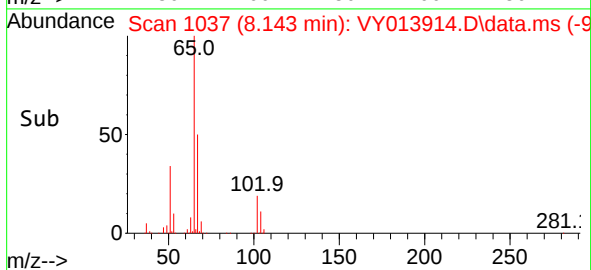
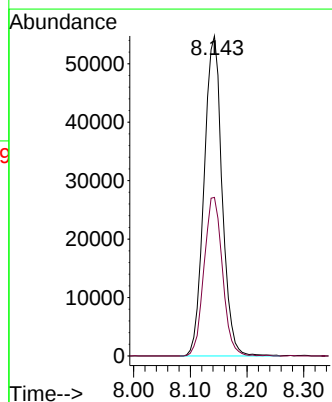
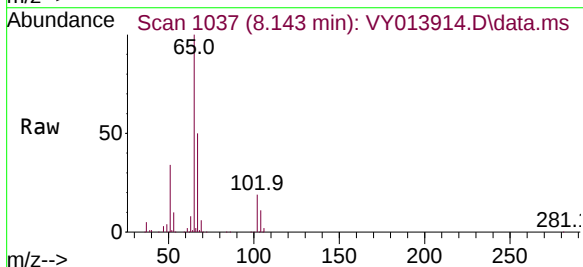
Instrument :
MSVOA_Y
ClientSampleId :
RBR-400027

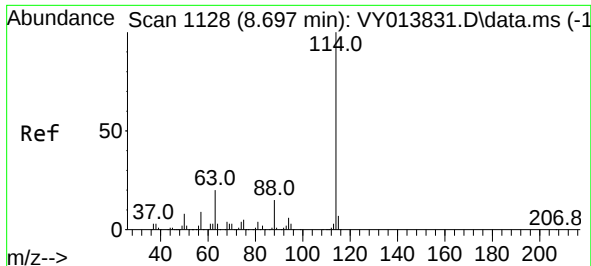
Tgt Ion:168 Resp: 176615
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 59.098 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

Tgt Ion: 65 Resp: 120752
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013914.D

Acq: 30 May 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

RBR-400027

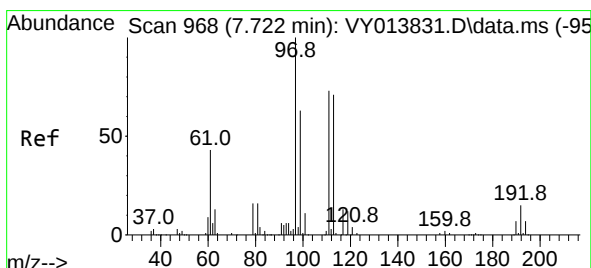
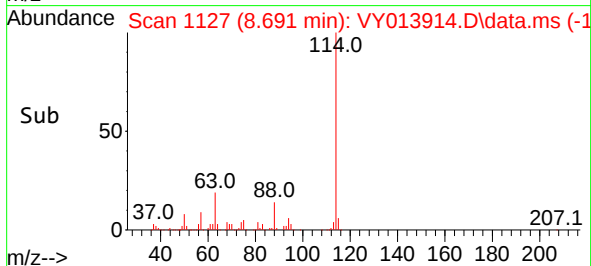
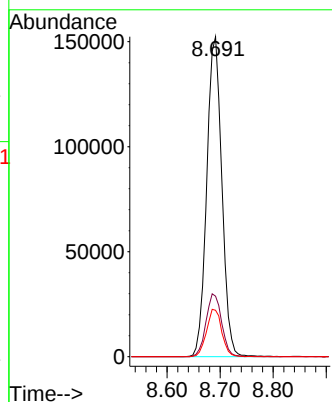
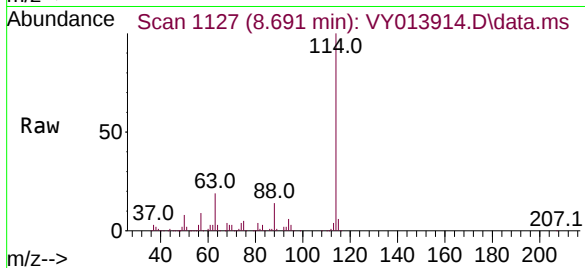
Tgt Ion:114 Resp: 300879

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.2

88 14.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 51.032 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013914.D

Acq: 30 May 2023 13:11

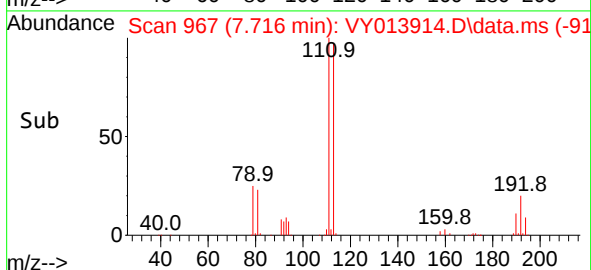
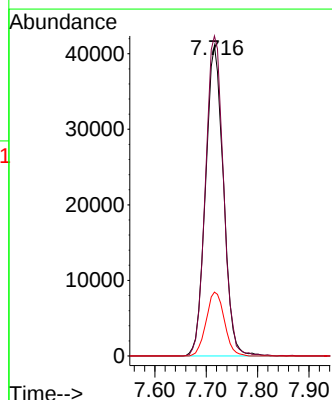
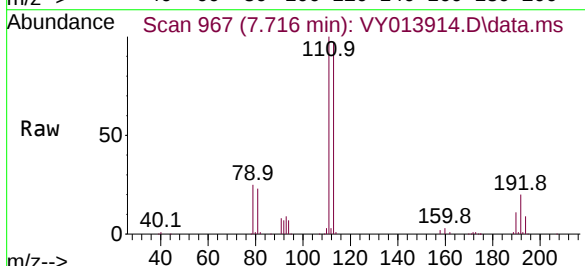
Tgt Ion:113 Resp: 99159

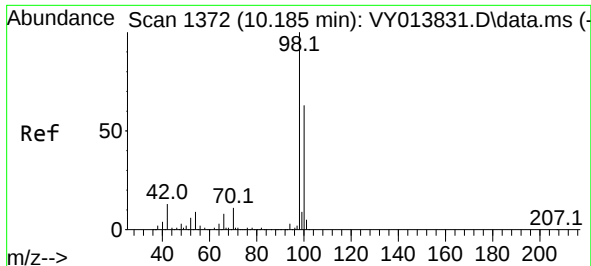
Ion Ratio Lower Upper

113 100

111 103.3 80.4 120.6

192 21.0 16.6 25.0

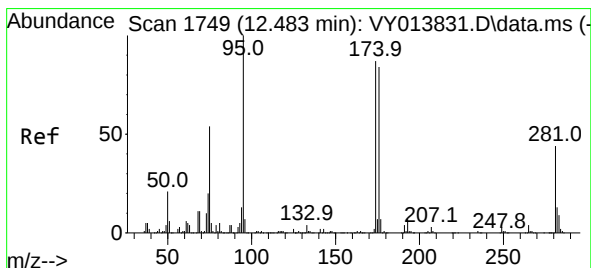
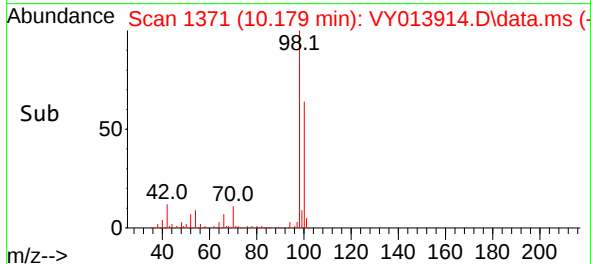
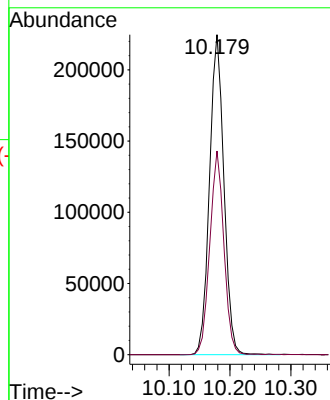
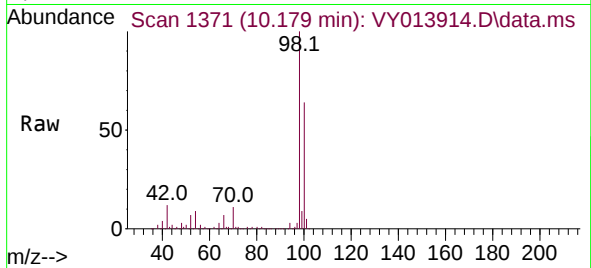




#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

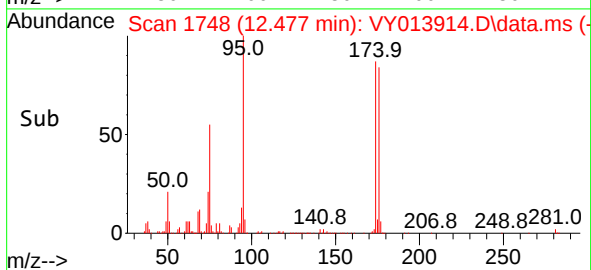
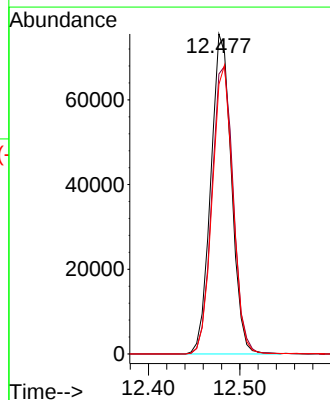
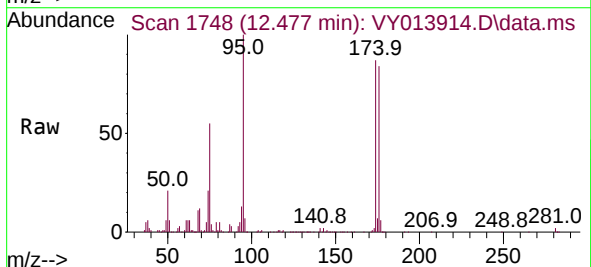
Instrument :
MSVOA_Y
ClientSampleId :
RBR-400027

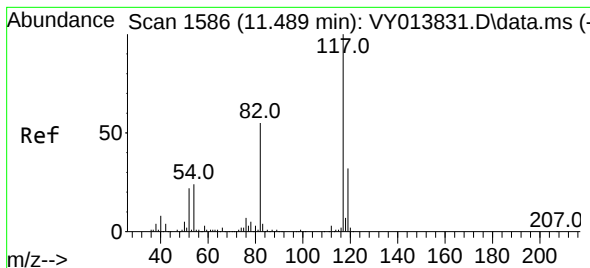
Tgt Ion: 98 Resp: 368283
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 48.232 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013914.D
Acq: 30 May 2023 13:11

Tgt Ion: 95 Resp: 118401
Ion Ratio Lower Upper
95 100
174 93.7 0.0 176.0
176 90.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013914.D

Acq: 30 May 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

RBR-400027

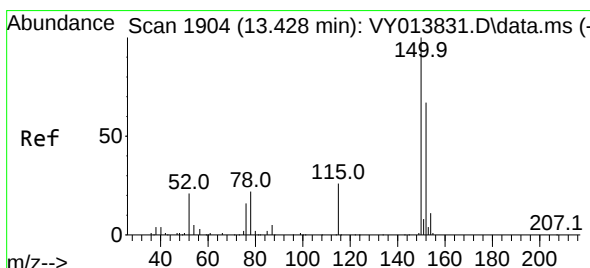
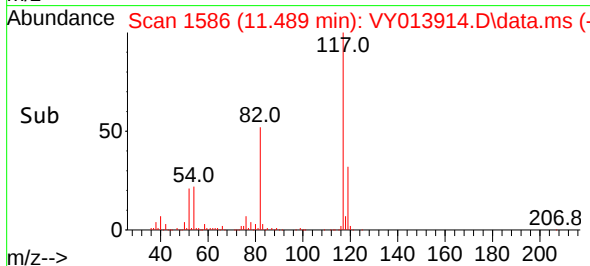
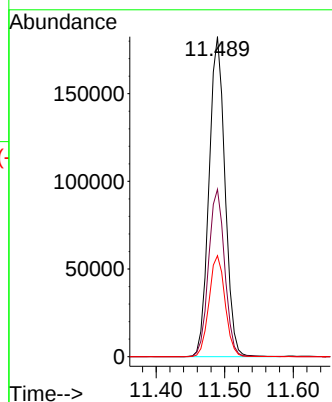
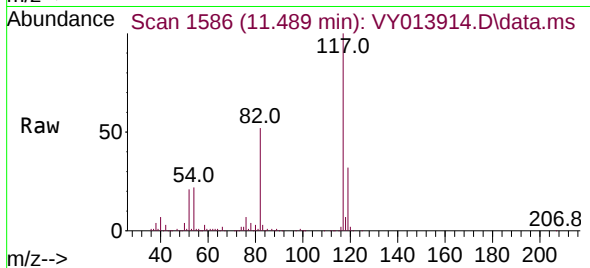
Tgt Ion:117 Resp: 295671

Ion Ratio Lower Upper

117 100

82 52.3 44.2 66.4

119 31.6 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013914.D

Acq: 30 May 2023 13:11

Tgt Ion:152 Resp: 131826

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.5

150 157.4 0.0 353.4

