

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013919.D
 Acq On : 30 May 2023 15:08
 Operator : KP/MD
 Sample : 02945-06RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB23RE

Quant Time: May 30 16:08:49 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	135309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	224664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102118	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95441	60.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.940%
35) Dibromofluoromethane	7.722	113	79792	54.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.220%
50) Toluene-d8	10.179	98	280298	50.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.483	95	88972	47.755	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.520%

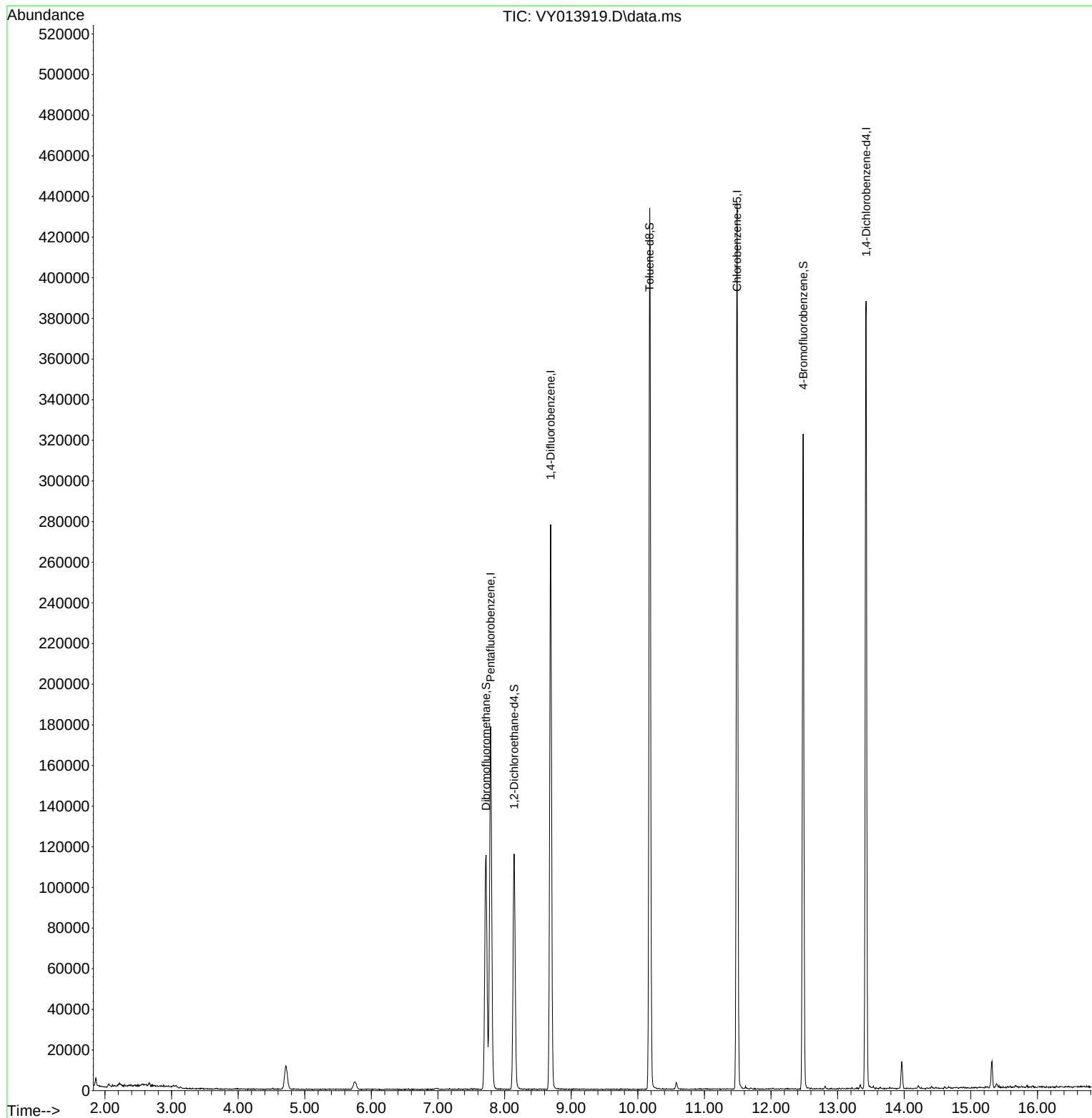
Target Compounds	Qvalue

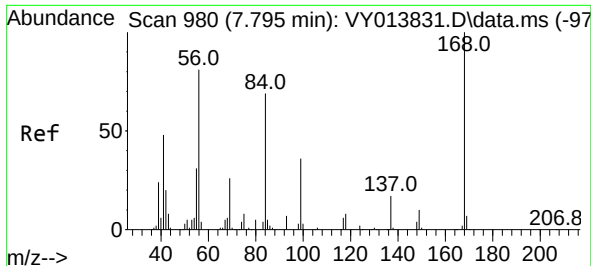
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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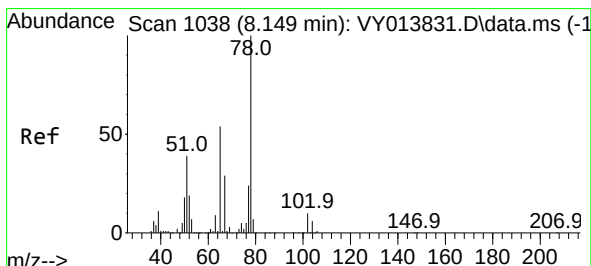
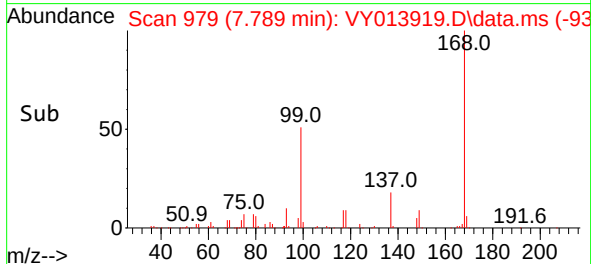
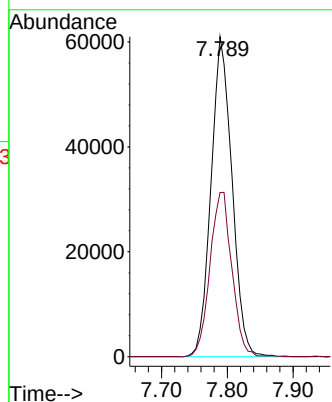
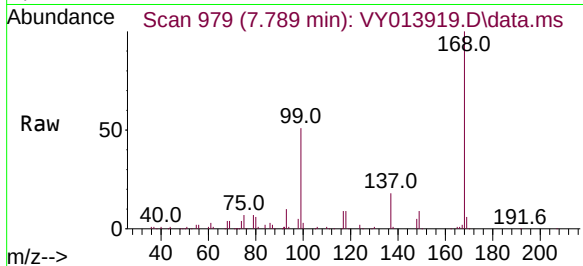




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

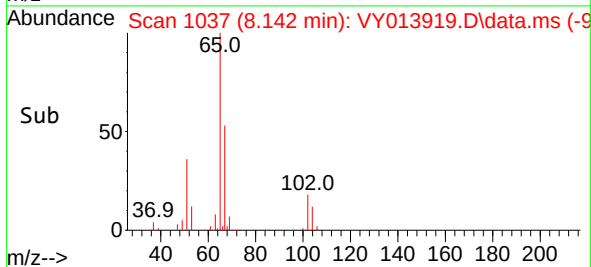
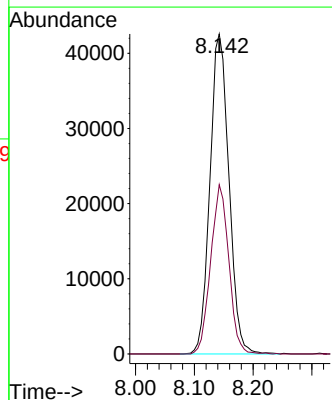
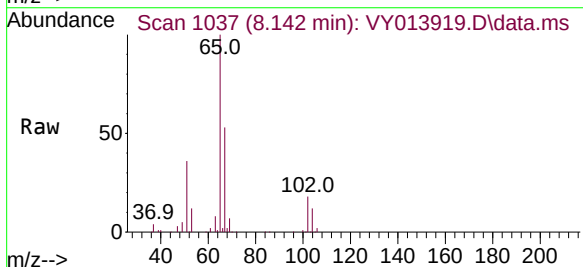
Instrument :
MSVOA_Y
ClientSampleId :
SB23RE

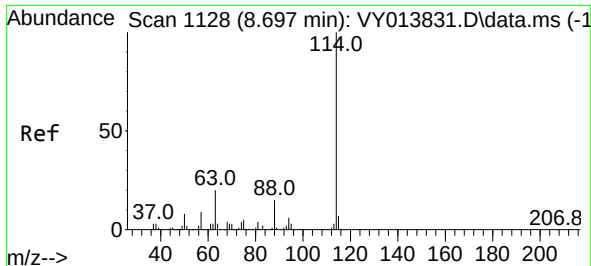
Tgt Ion:168 Resp: 135309
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 60.969 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

Tgt Ion: 65 Resp: 95441
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

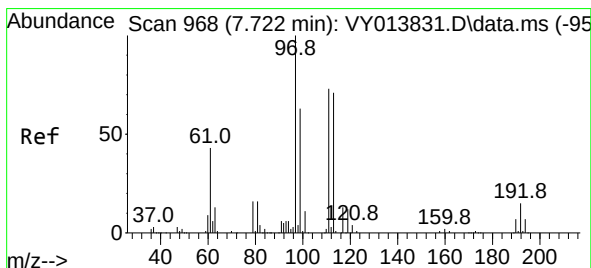
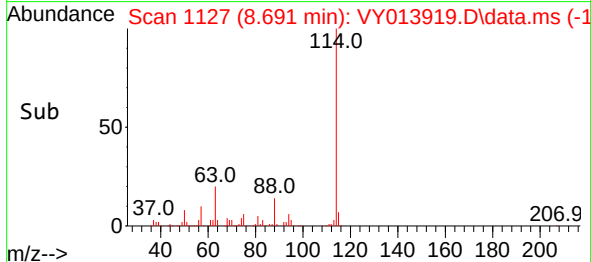
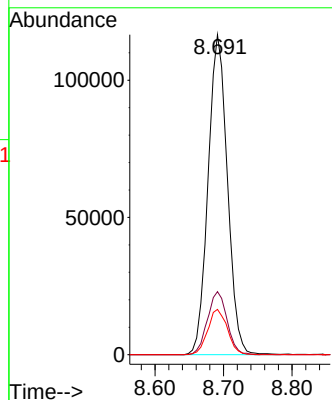
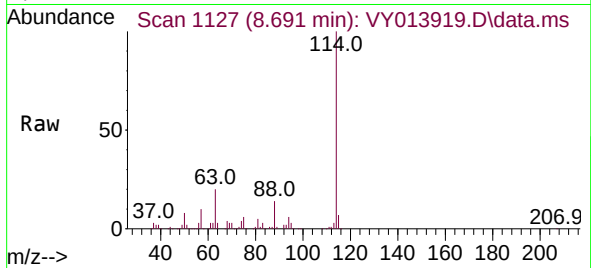




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

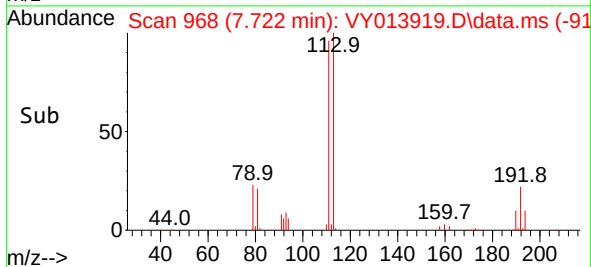
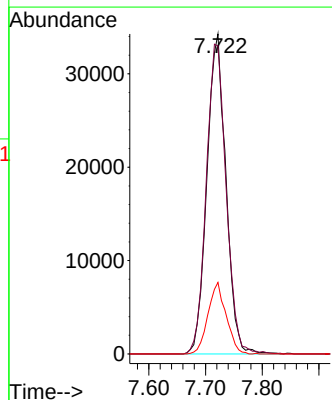
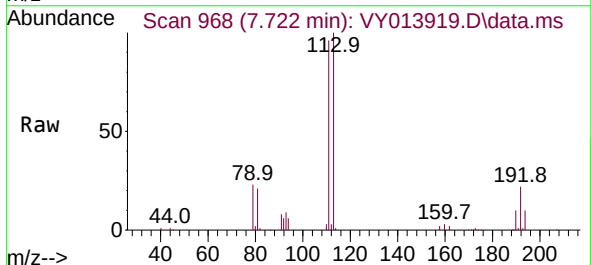
Instrument :
MSVOA_Y
ClientSampleId :
SB23RE

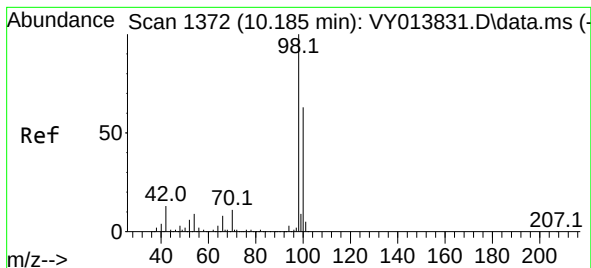
Tgt Ion:114 Resp: 228354
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.2
88 14.2 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.106 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY013919.D
Acq: 30 May 2023 15:08

Tgt Ion:113 Resp: 79792
Ion Ratio Lower Upper
113 100
111 101.5 80.4 120.6
192 21.3 16.6 25.0





#50

Toluene-d8

Concen: 50.009 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013919.D

Acq: 30 May 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

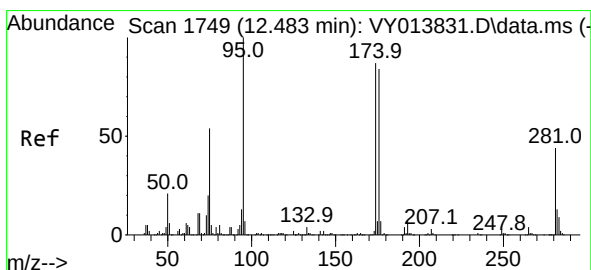
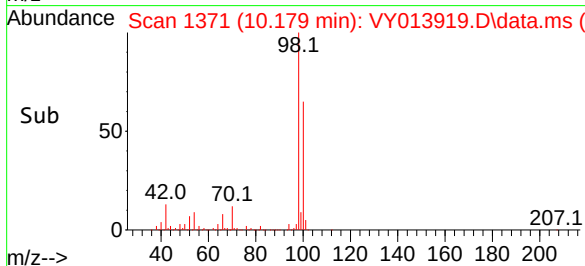
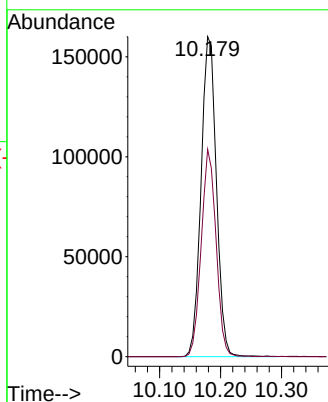
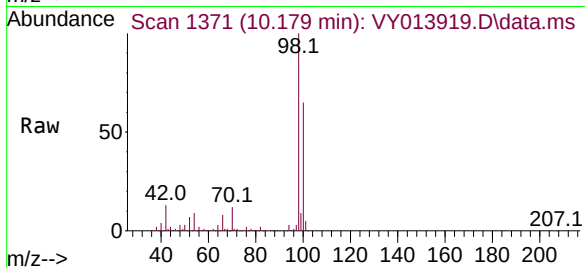
SB23RE

Tgt Ion: 98 Resp: 280298

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 47.755 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013919.D

Acq: 30 May 2023 15:08

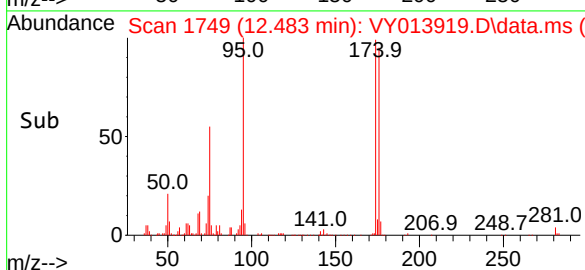
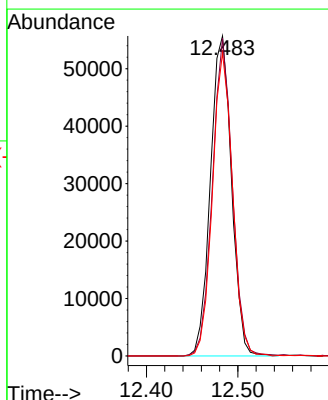
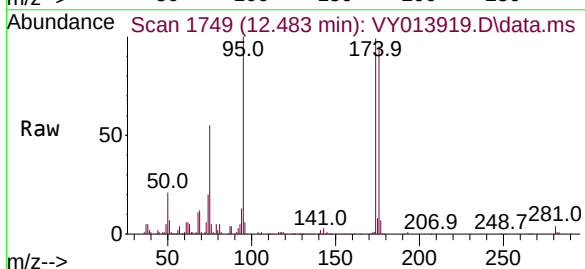
Tgt Ion: 95 Resp: 88972

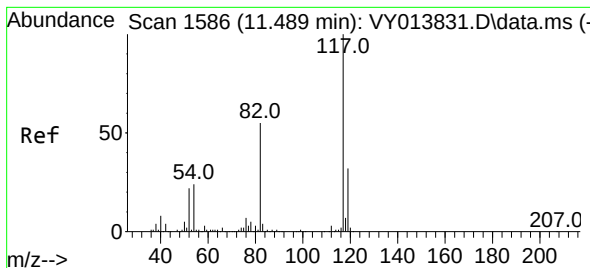
Ion Ratio Lower Upper

95 100

174 94.3 0.0 176.0

176 90.5 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: VY013919.D

Acq: 30 May 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

SB23RE

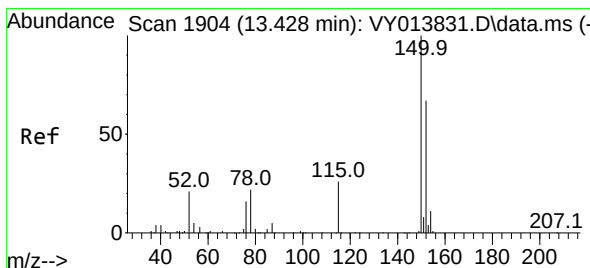
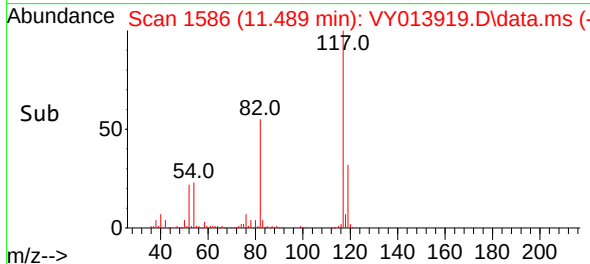
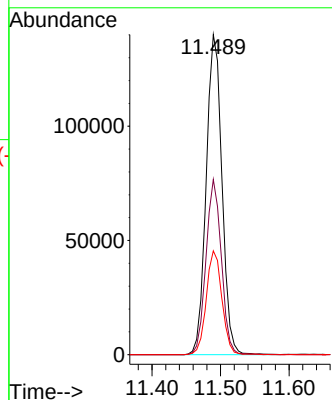
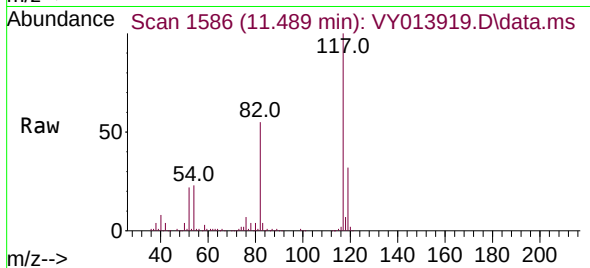
Tgt Ion:117 Resp: 224664

Ion Ratio Lower Upper

117 100

82 54.8 44.2 66.4

119 32.5 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013919.D

Acq: 30 May 2023 15:08

Tgt Ion:152 Resp: 102118

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 156.8 0.0 353.4

