

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013942.D
 Acq On : 31 May 2023 17:46
 Operator : KP/MD
 Sample : 02955-08
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB22

Quant Time: May 31 17:59:12 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	163889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284769	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	285746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120360	63.480	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.960%
35) Dibromofluoromethane	7.710	113	97921	53.245	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.500%
50) Toluene-d8	10.179	98	354859	50.769	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.477	95	115952	49.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.820%

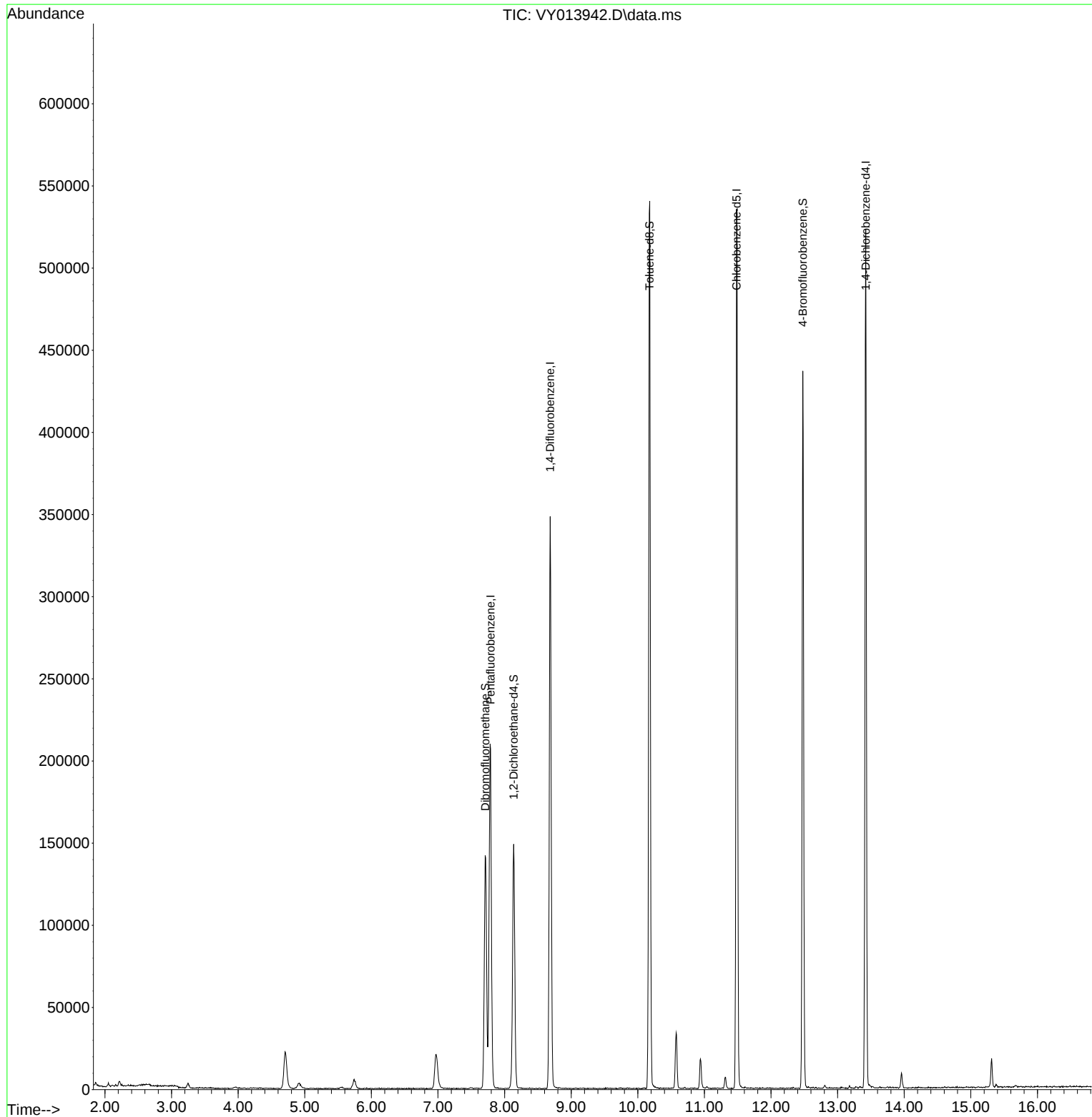
Target Compounds	Qvalue

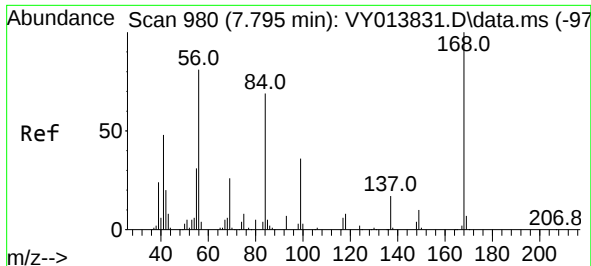
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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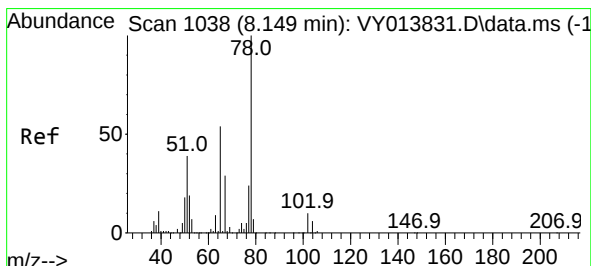
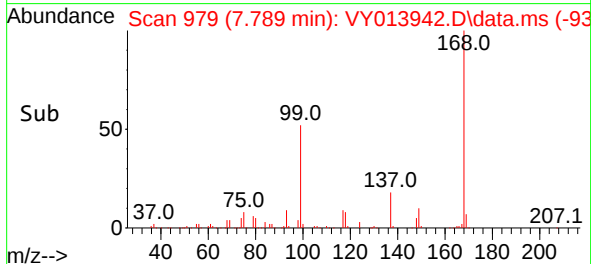
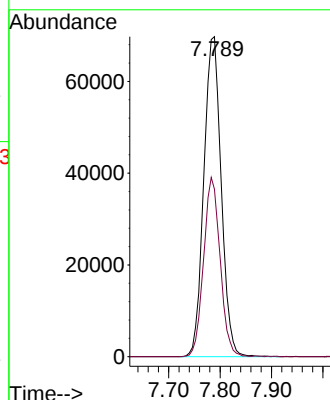
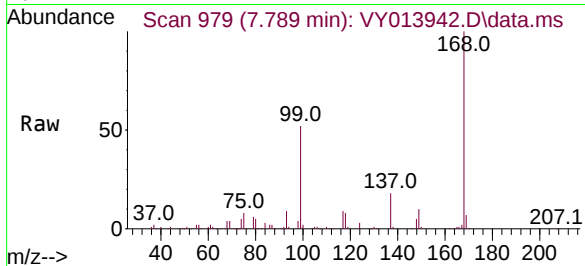




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013942.D
Acq: 31 May 2023 17:46

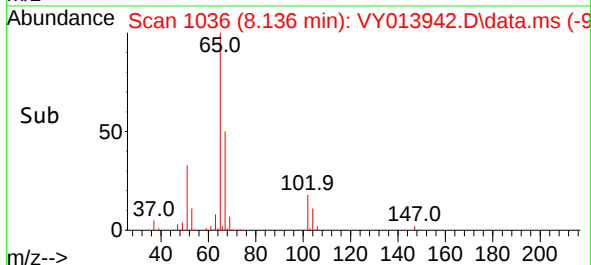
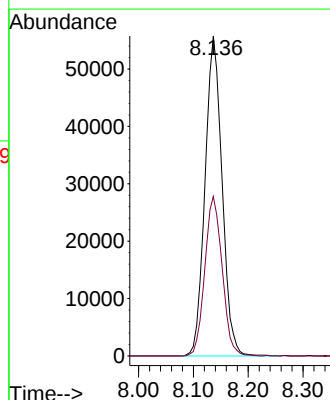
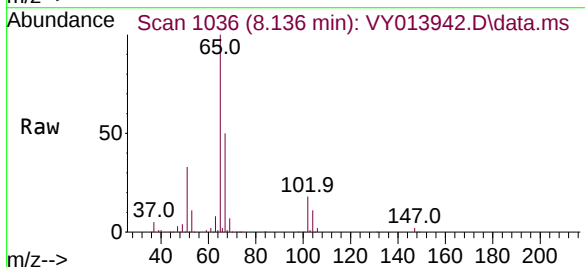
Instrument :
MSVOA_Y
ClientSampleId :
SB22

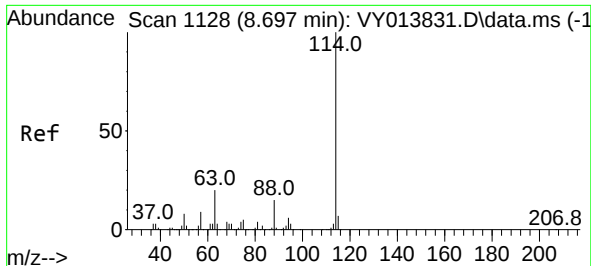
Tgt Ion:168 Resp: 163889
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.2



#33
1,2-Dichloroethane-d4
Concen: 63.480 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013942.D
Acq: 31 May 2023 17:46

Tgt Ion: 65 Resp: 120360
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

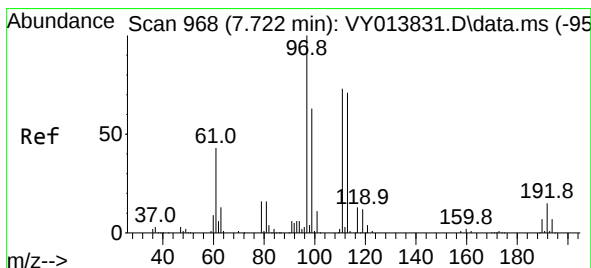
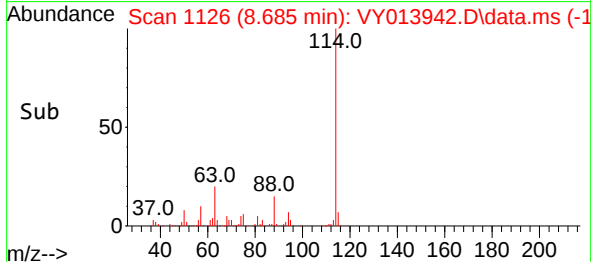
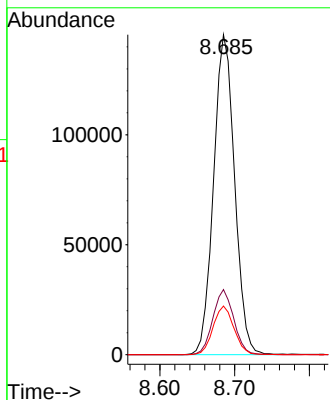
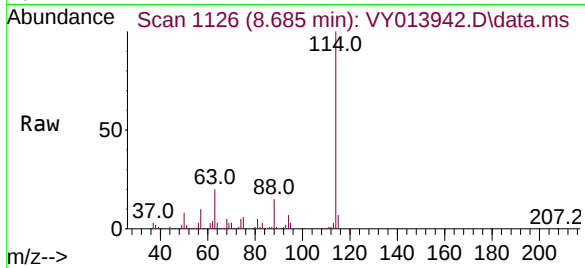




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY013942.D
Acq: 31 May 2023 17:46

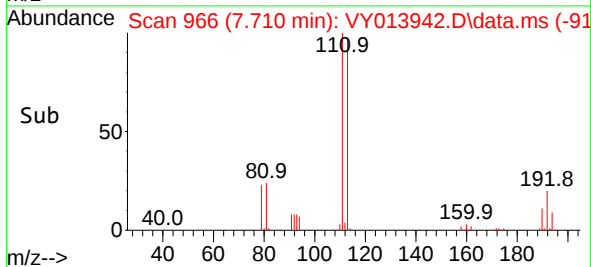
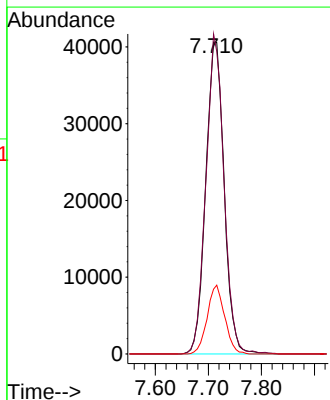
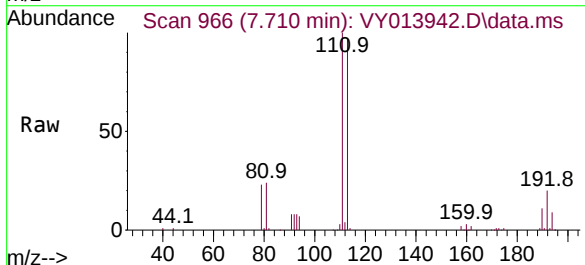
Instrument :
MSVOA_Y
ClientSampleId :
SB22

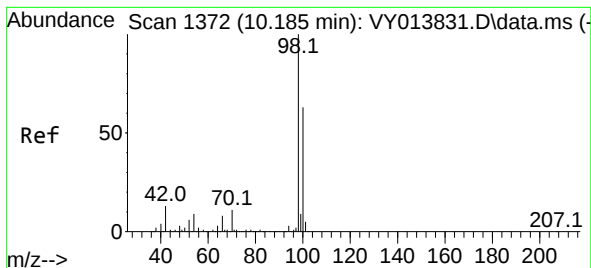
Tgt Ion:114 Resp: 284769
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.2
88 15.2 0.0 30.0



#35
Dibromofluoromethane
Concen: 53.245 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY013942.D
Acq: 31 May 2023 17:46

Tgt Ion:113 Resp: 97921
Ion Ratio Lower Upper
113 100
111 100.7 80.4 120.6
192 20.9 16.6 25.0





#50

Toluene-d8

Concen: 50.769 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013942.D

Acq: 31 May 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

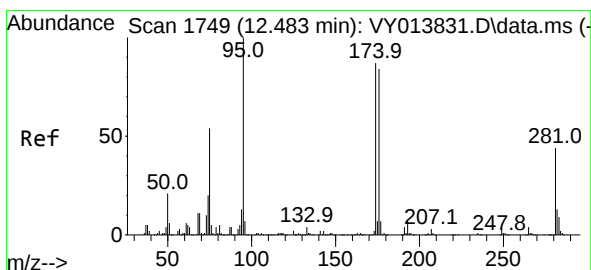
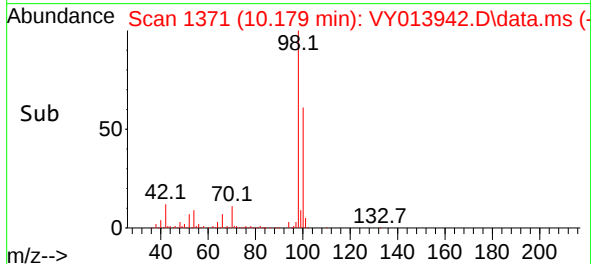
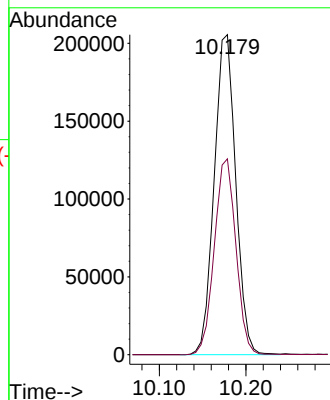
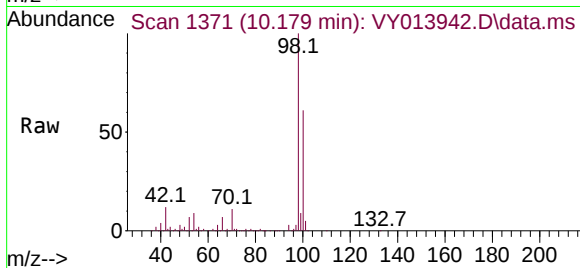
SB22

Tgt Ion: 98 Resp: 354859

Ion Ratio Lower Upper

98 100

100 61.4 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 49.907 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY013942.D

Acq: 31 May 2023 17:46

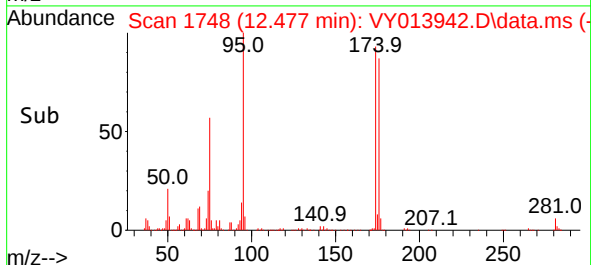
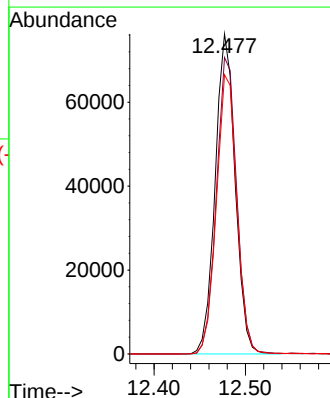
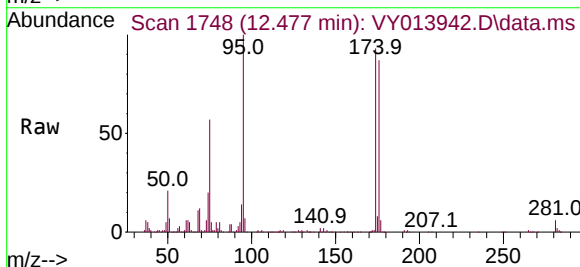
Tgt Ion: 95 Resp: 115952

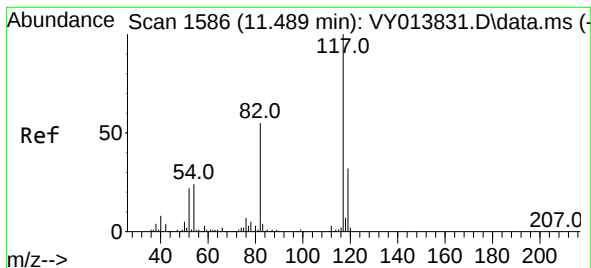
Ion Ratio Lower Upper

95 100

174 94.1 0.0 176.0

176 89.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013942.D

Acq: 31 May 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :

SB22

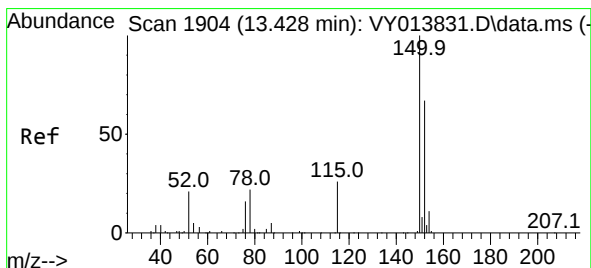
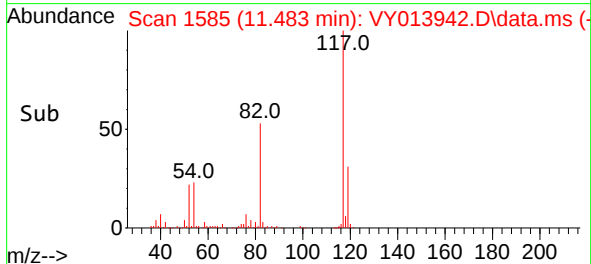
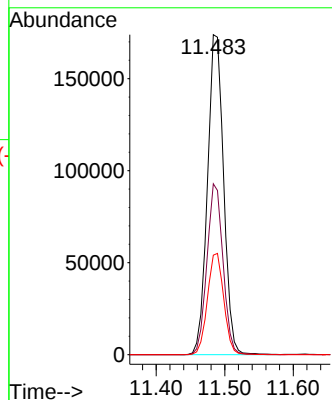
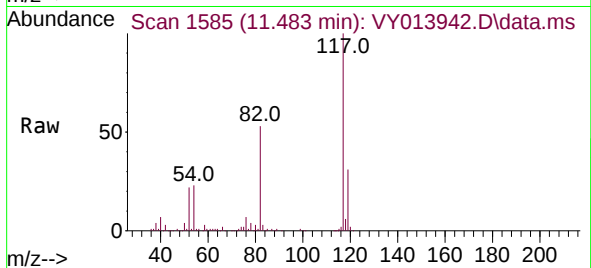
Tgt Ion:117 Resp: 285746

Ion Ratio Lower Upper

117 100

82 53.4 44.2 66.4

119 31.1 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: VY013942.D

Acq: 31 May 2023 17:46

Tgt Ion:152 Resp: 130011

Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 157.1 0.0 353.4

