

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013846.D
 Acq On : 24 May 2023 15:12
 Operator : KP/MD
 Sample : 02899-08
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB14

Quant Time: May 25 07:08:44 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)

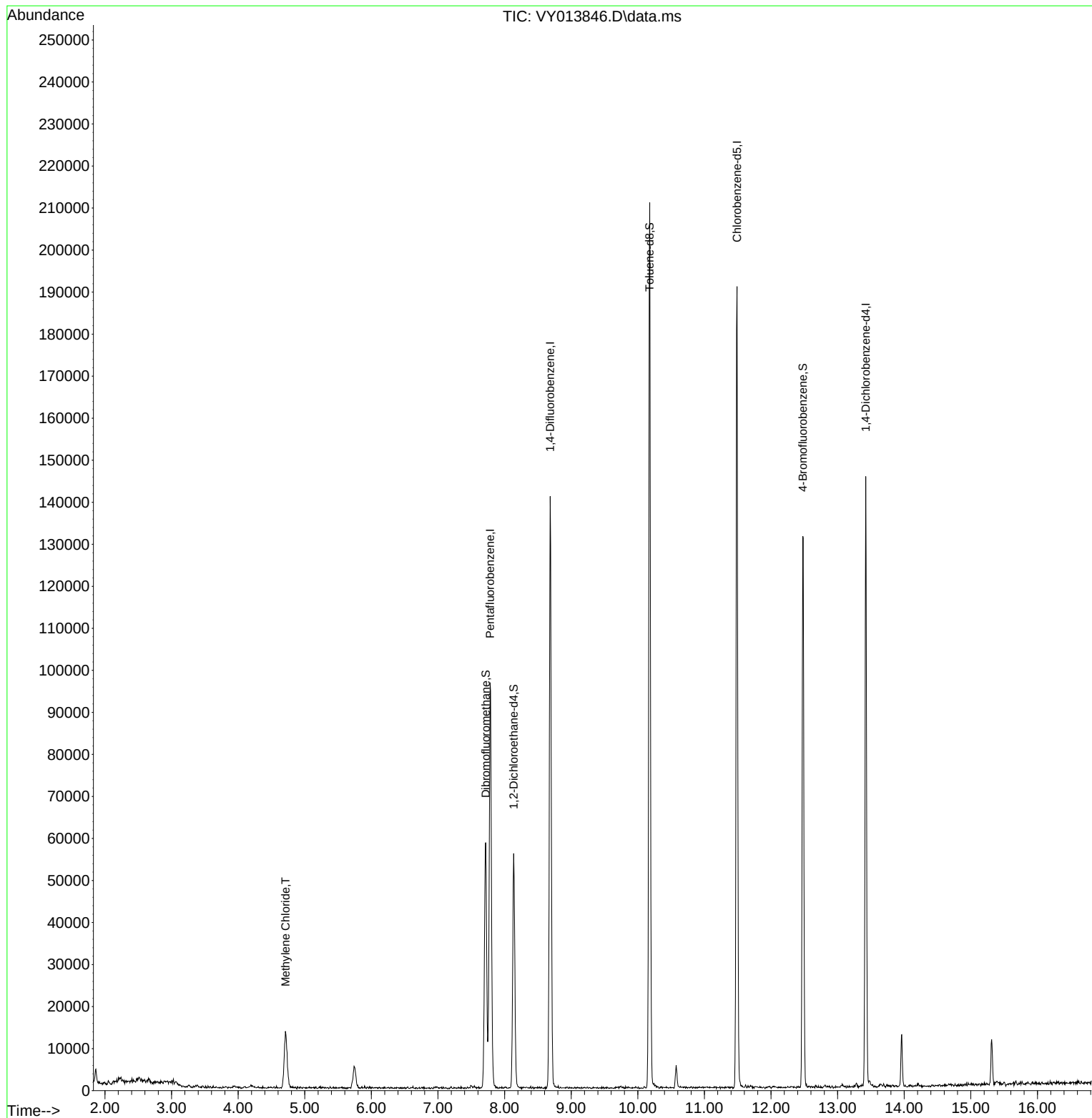
Internal Standards						
1) Pentafluorobenzene	7.783	168	74229	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	116253	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	101728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45710	53.228	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.460%	
35) Dibromofluoromethane	7.716	113	40202	53.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.100%	
50) Toluene-d8	10.179	98	137413	48.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	12.477	95	36948	38.955	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.900%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	9719	8.654	ug/l	94

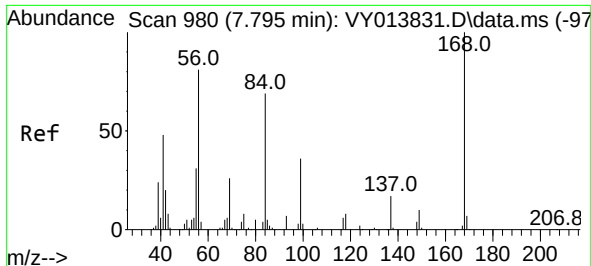
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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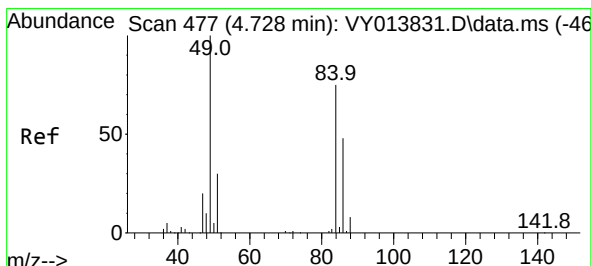
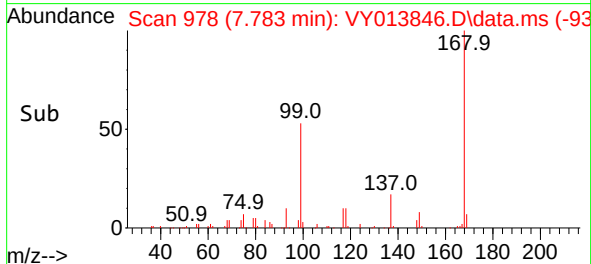
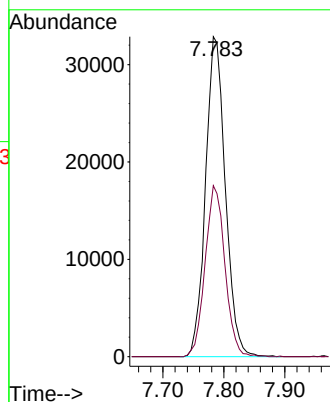
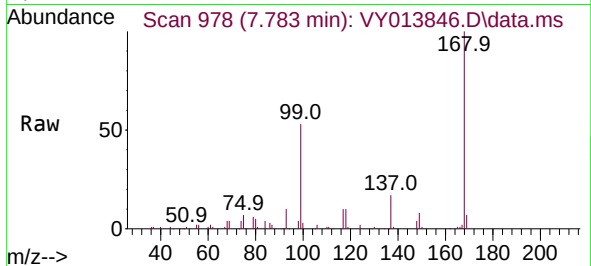




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013846.D
Acq: 24 May 2023 15:12

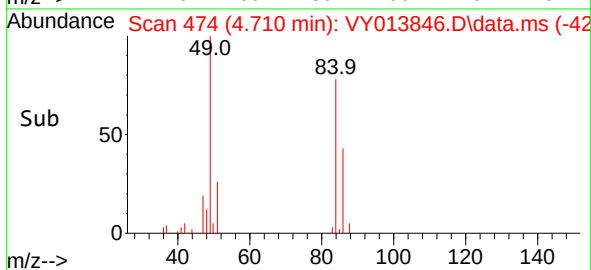
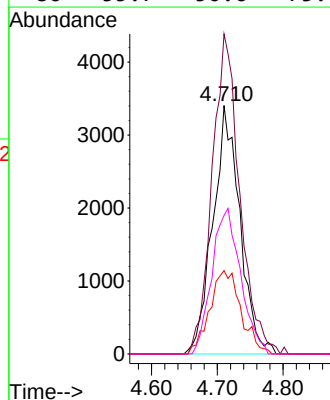
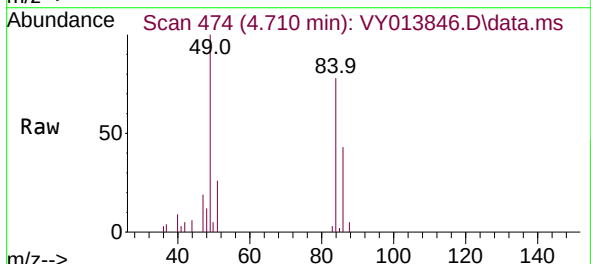
Instrument :
MSVOA_Y
ClientSampleId :
SB14

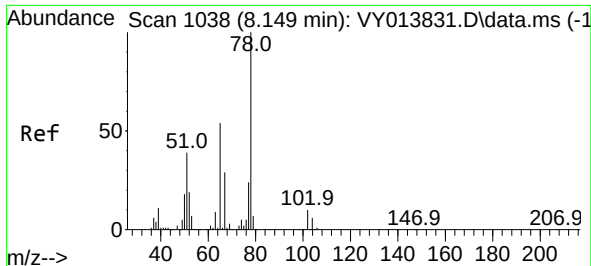
Tgt Ion:168 Resp: 74229
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.2



#20
Methylene Chloride
Concen: 8.654 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY013846.D
Acq: 24 May 2023 15:12

Tgt Ion: 84 Resp: 9719
Ion Ratio Lower Upper
84 100
49 128.8 106.2 159.2
51 33.6 31.4 47.0
86 55.7 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 53.228 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY013846.D

Acq: 24 May 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

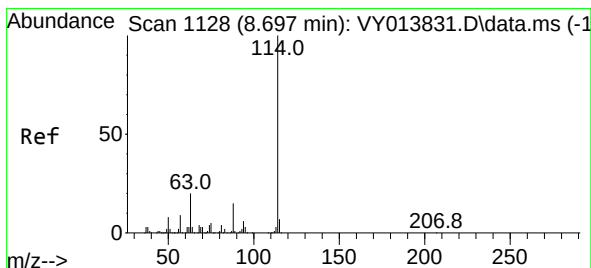
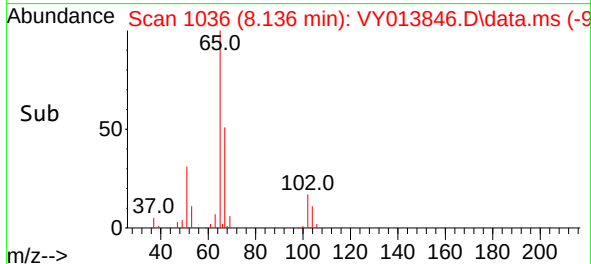
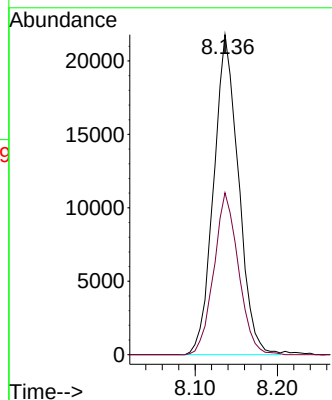
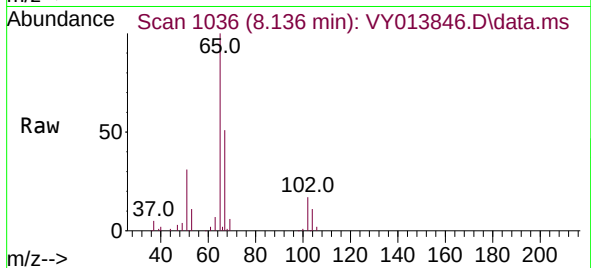
SB14

Tgt Ion: 65 Resp: 45710

Ion Ratio Lower Upper

65 100

67 50.2 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: VY013846.D

Acq: 24 May 2023 15:12

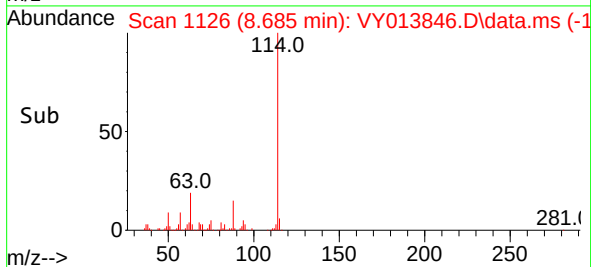
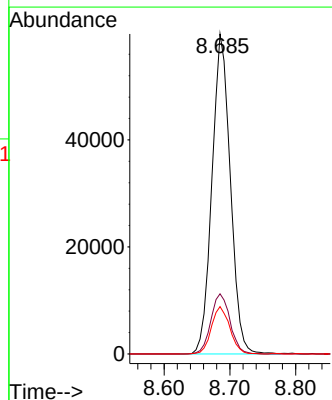
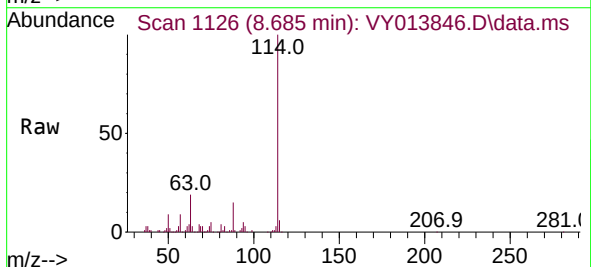
Tgt Ion: 114 Resp: 116253

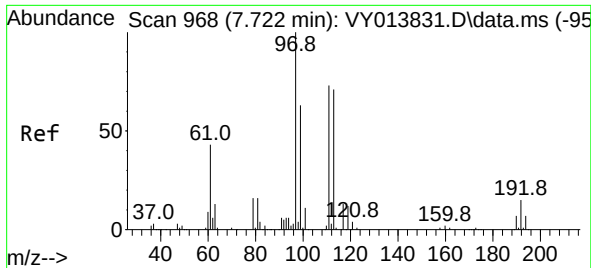
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.2

88 14.8 0.0 30.0

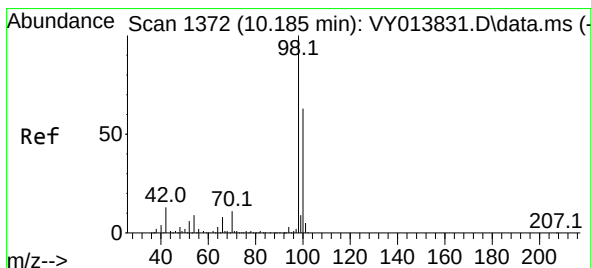
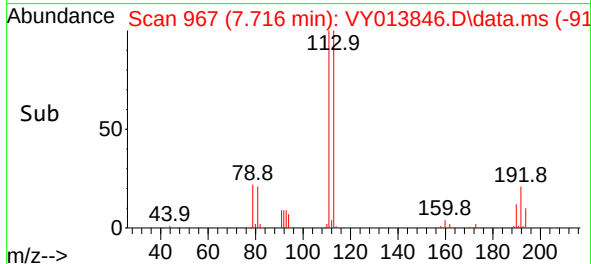
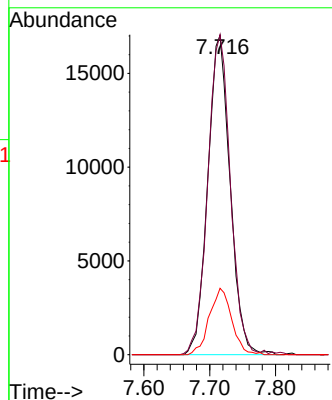
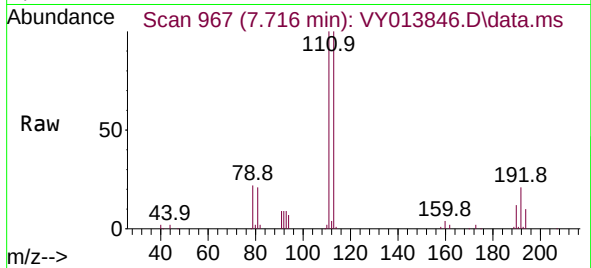




#35
Dibromofluoromethane
Concen: 53.548 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013846.D
Acq: 24 May 2023 15:12

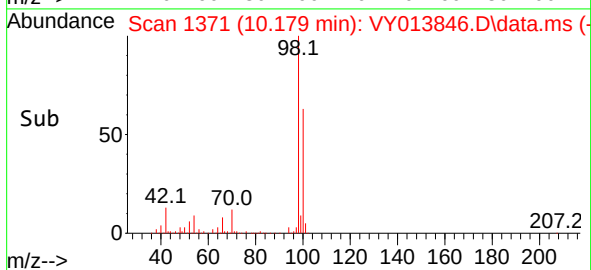
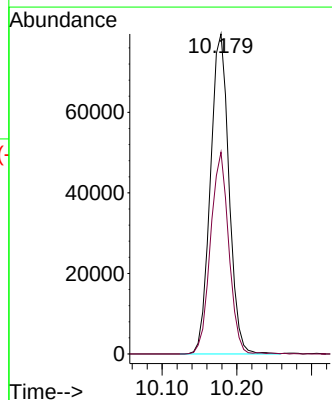
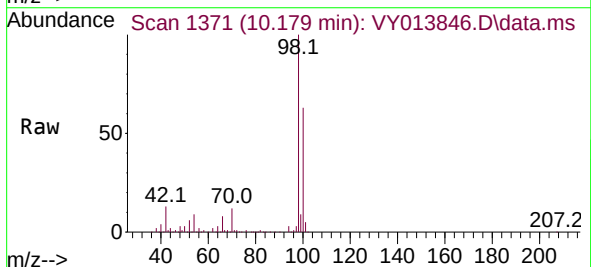
Instrument :
MSVOA_Y
ClientSampleId :
SB14

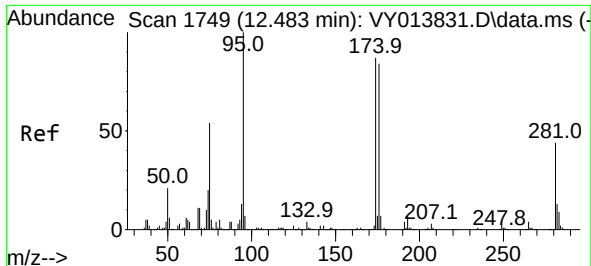
Tgt Ion:113 Resp: 40202
Ion Ratio Lower Upper
113 100
111 101.4 80.4 120.6
192 20.9 16.6 25.0



#50
Toluene-d8
Concen: 48.157 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013846.D
Acq: 24 May 2023 15:12

Tgt Ion: 98 Resp: 137413
Ion Ratio Lower Upper
98 100
100 62.1 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 38.955 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013846.D

Acq: 24 May 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

SB14

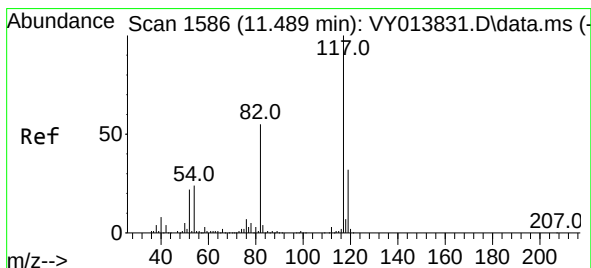
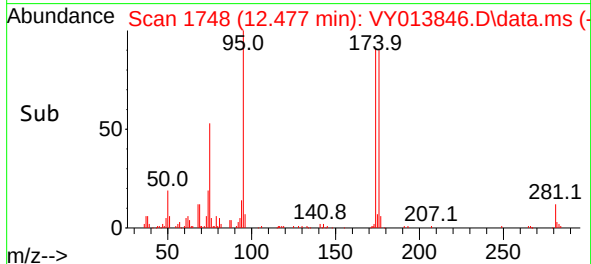
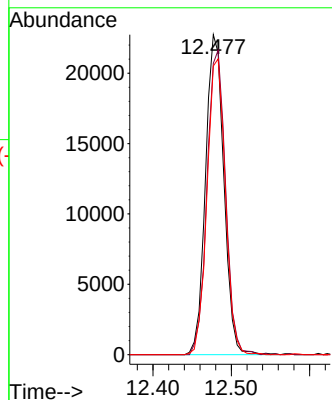
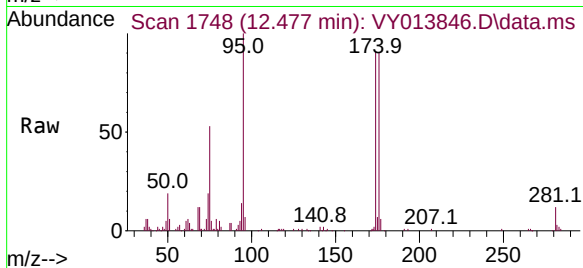
Tgt Ion: 95 Resp: 36948

Ion Ratio Lower Upper

95 100

174 95.8 0.0 176.0

176 92.2 0.0 170.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY013846.D

Acq: 24 May 2023 15:12

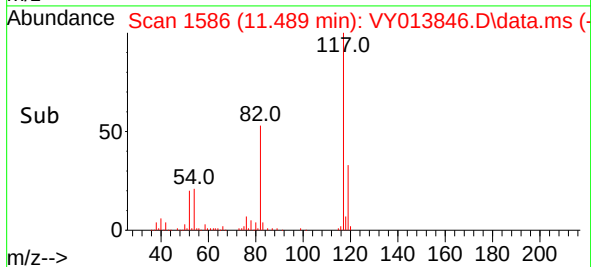
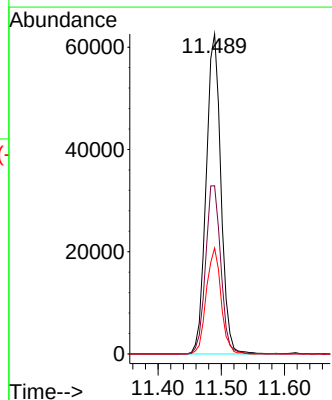
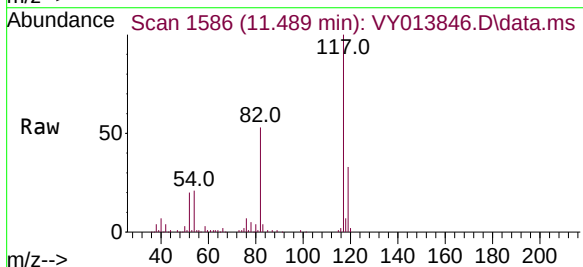
Tgt Ion: 117 Resp: 101728

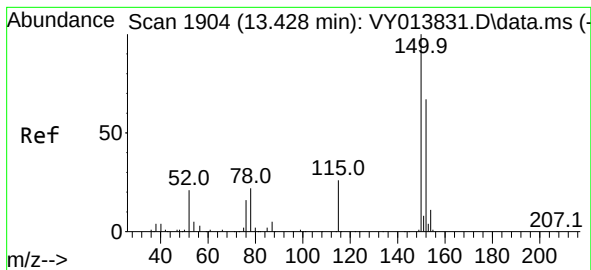
Ion Ratio Lower Upper

117 100

82 52.6 44.2 66.4

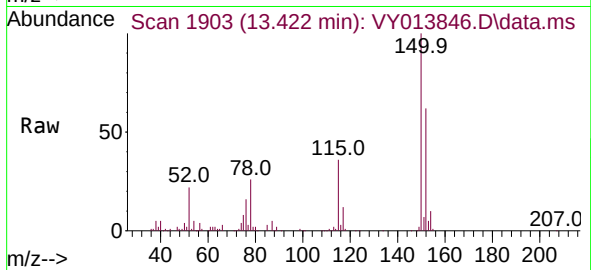
119 33.1 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013846.D
 Acq: 24 May 2023 15:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB14



Tgt Ion:152 Resp: 36741
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.8 86.5
 150 156.6 0.0 353.4

