

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013877.D
 Acq On : 25 May 2023 16:47
 Operator : KP/MD
 Sample : 02908-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10ARE

Quant Time: May 26 04:34:36 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)

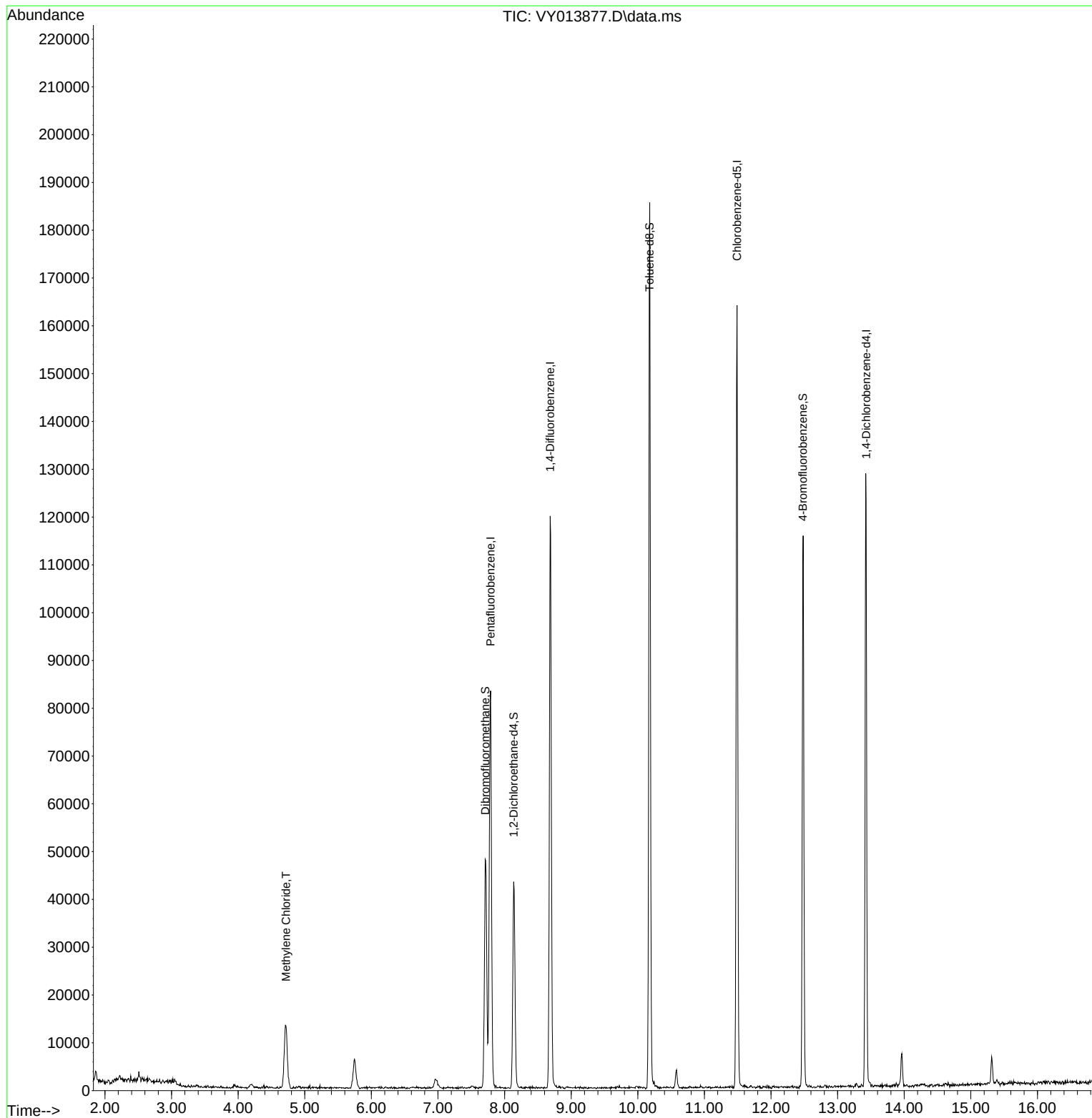
Internal Standards						
1) Pentafluorobenzene	7.789	168	65908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	99451	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	89256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36228	47.513	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.020%
35) Dibromofluoromethane	7.710	113	33829	52.672	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.179	98	119862	49.103	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.477	95	31657	39.015	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.040%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	9708	10.070	ug/l #	89

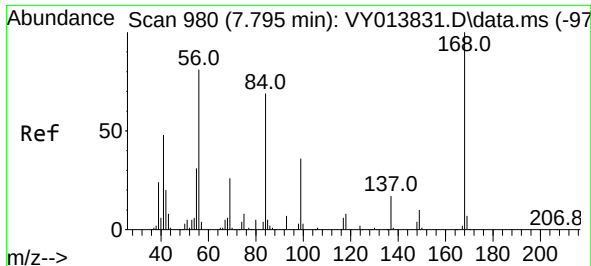
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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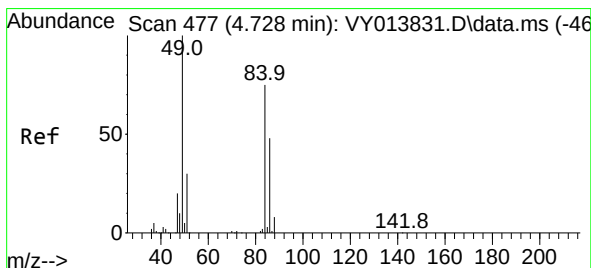
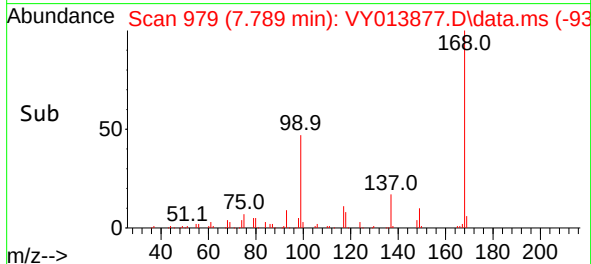
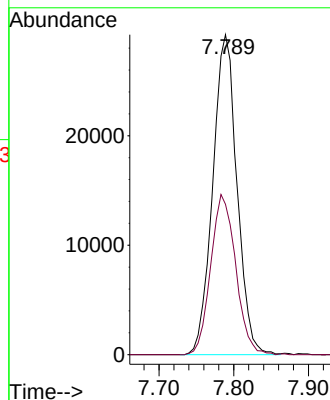
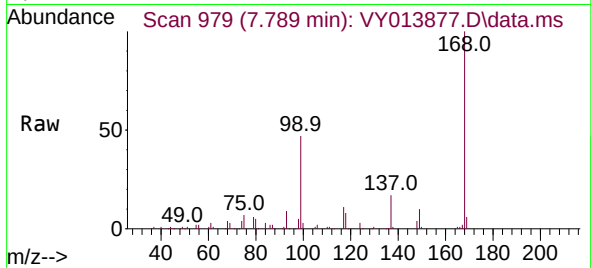




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

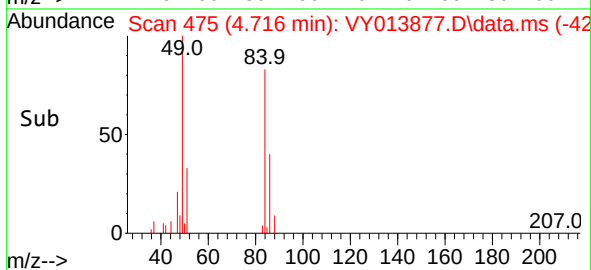
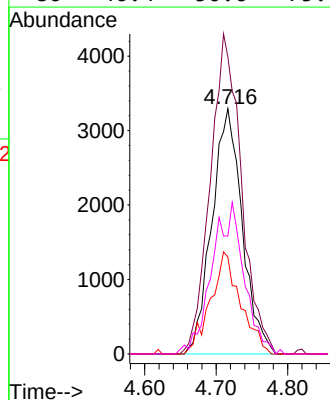
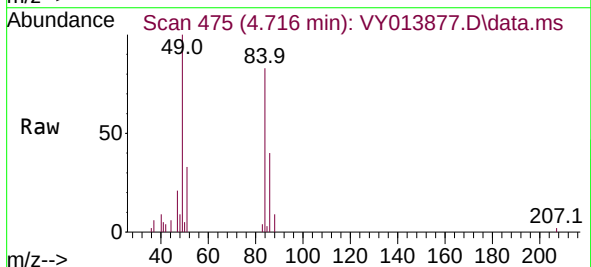
Instrument :
MSVOA_Y
ClientSampleId :
SB10ARE

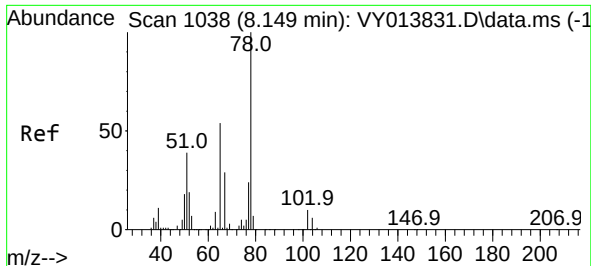
Tgt Ion:168 Resp: 65908
Ion Ratio Lower Upper
168 100
99 47.0 43.4 65.2



#20
Methylene Chloride
Concen: 10.070 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

Tgt Ion: 84 Resp: 9708
Ion Ratio Lower Upper
84 100
49 121.1 106.2 159.2
51 39.5 31.4 47.0
86 46.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 47.513 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013877.D

Acq: 25 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

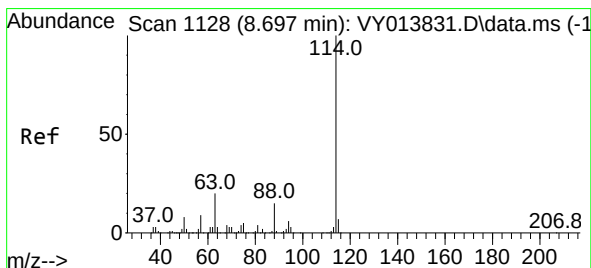
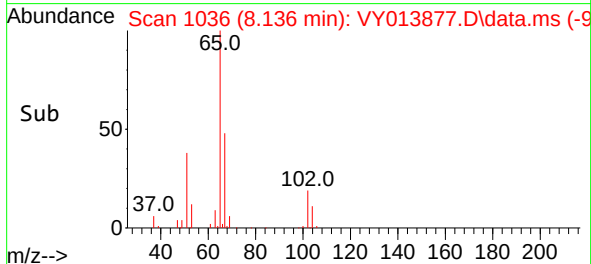
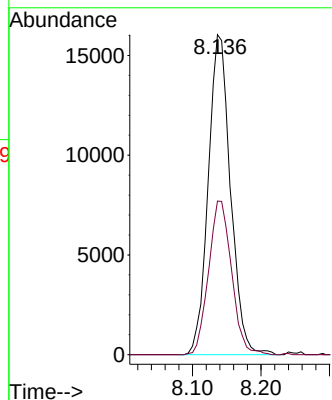
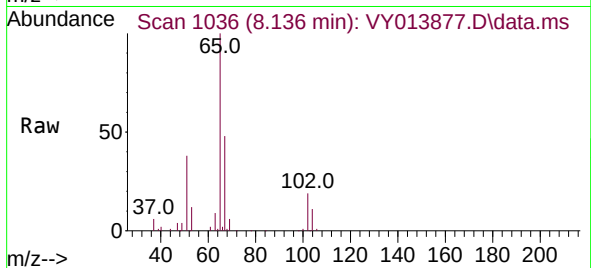
SB10ARE

Tgt Ion: 65 Resp: 36228

Ion Ratio Lower Upper

65 100

67 49.6 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: VY013877.D

Acq: 25 May 2023 16:47

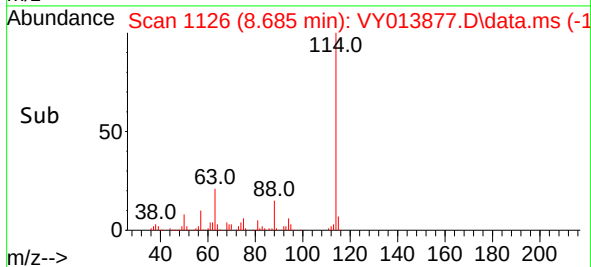
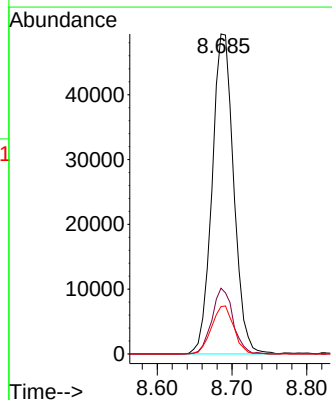
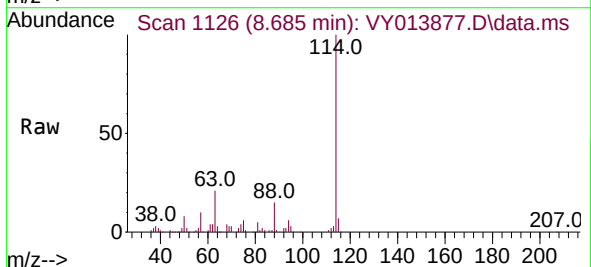
Tgt Ion:114 Resp: 99451

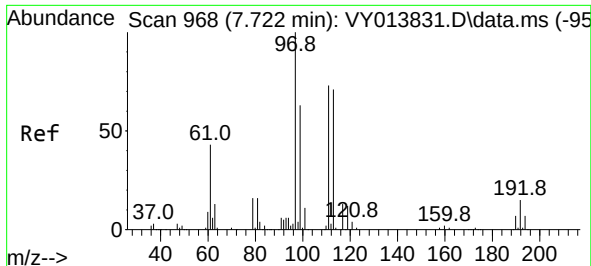
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

88 14.8 0.0 30.0

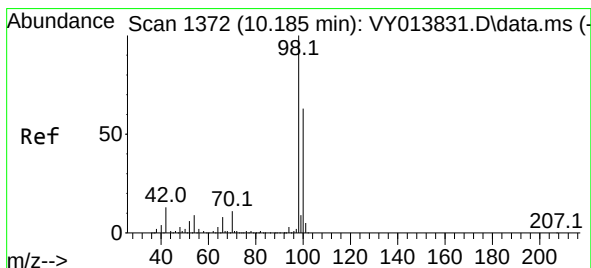
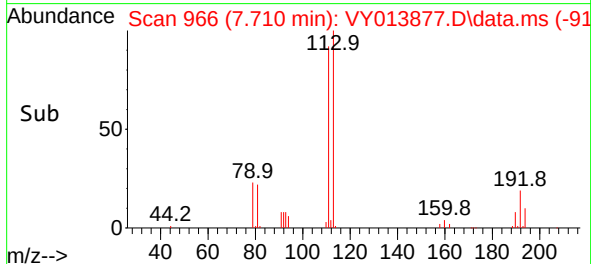
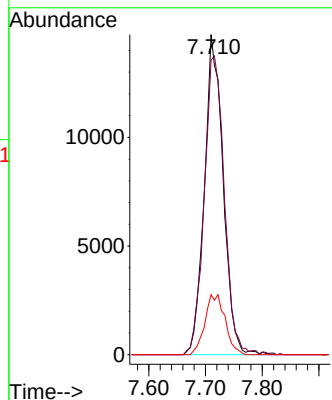
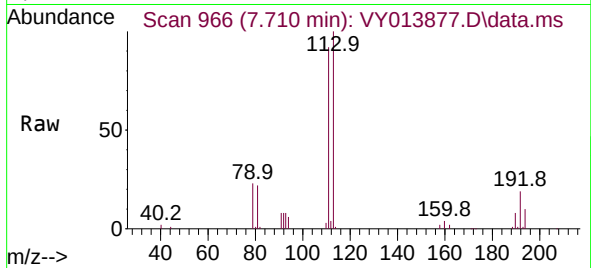




#35
Dibromofluoromethane
Concen: 52.672 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

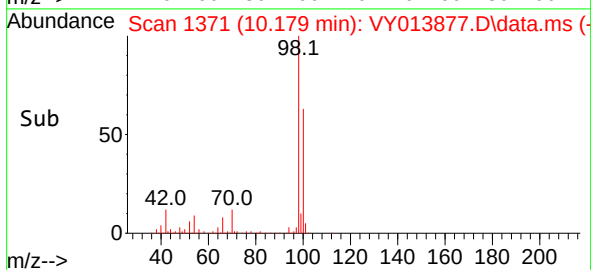
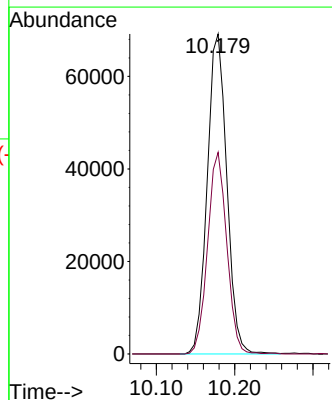
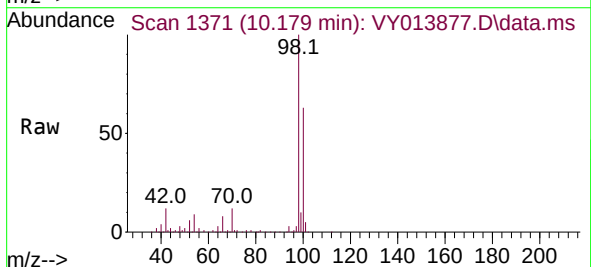
Instrument :
MSVOA_Y
ClientSampleId :
SB10ARE

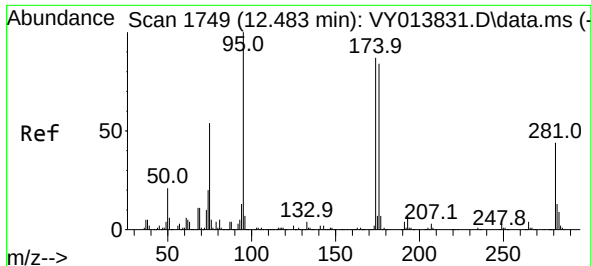
Tgt Ion:113 Resp: 33829
Ion Ratio Lower Upper
113 100
111 100.0 80.4 120.6
192 20.2 16.6 25.0



#50
Toluene-d8
Concen: 49.103 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

Tgt Ion: 98 Resp: 119862
Ion Ratio Lower Upper
98 100
100 61.5 50.8 76.2

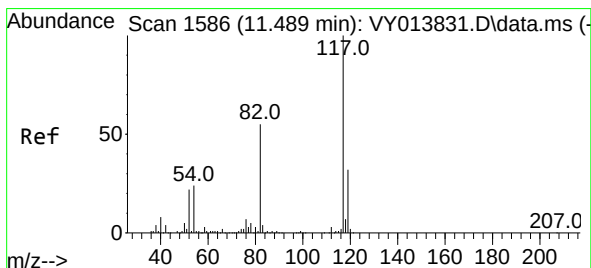
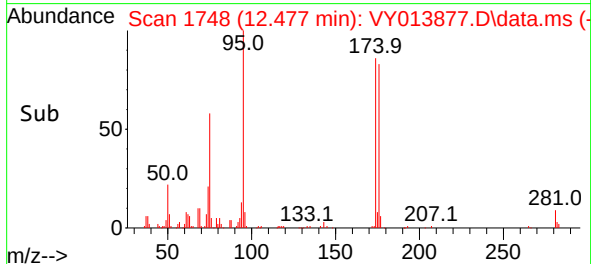
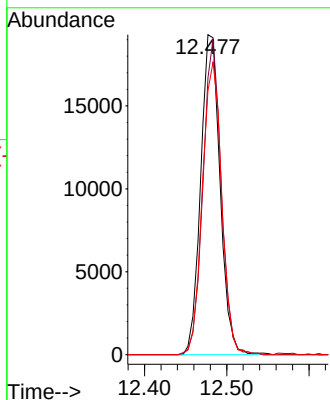
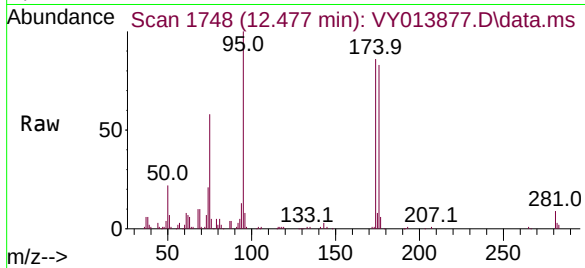




#62
4-Bromofluorobenzene
Concen: 39.015 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

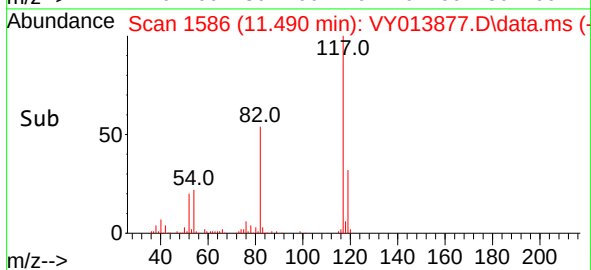
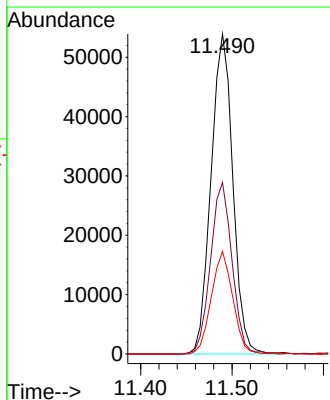
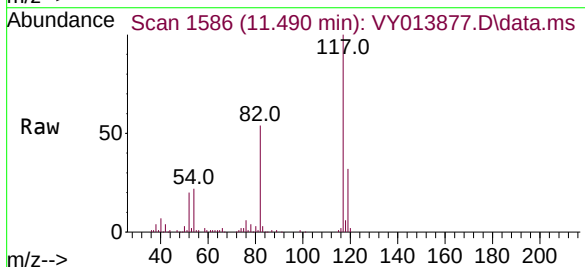
Instrument :
MSVOA_Y
ClientSampleId :
SB10ARE

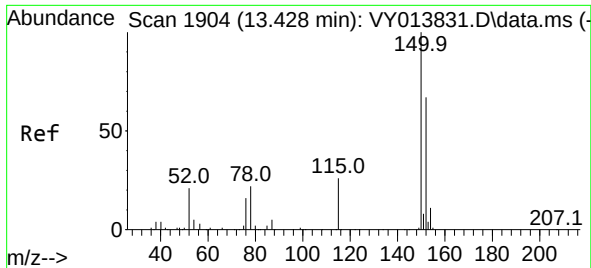
Tgt Ion: 95 Resp: 31657
Ion Ratio Lower Upper
95 100
174 92.5 0.0 176.0
176 90.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013877.D
Acq: 25 May 2023 16:47

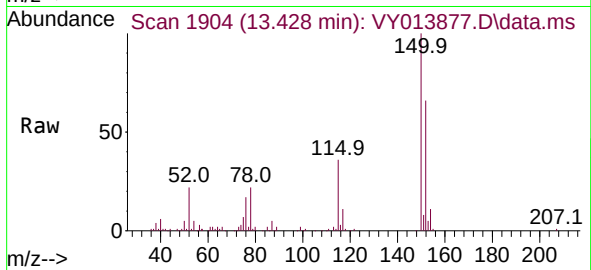
Tgt Ion: 117 Resp: 89256
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.4
119 32.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013877.D
 Acq: 25 May 2023 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10ARE



Tgt Ion:152 Resp: 34485
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.8 86.5
 150 157.8 0.0 353.4

