

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014877.D
 Acq On : 27 Jul 2023 13:08
 Operator : SY/MD
 Sample : 03686-12
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-23-14-16-20230721

Quant Time: Jul 28 02:37:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

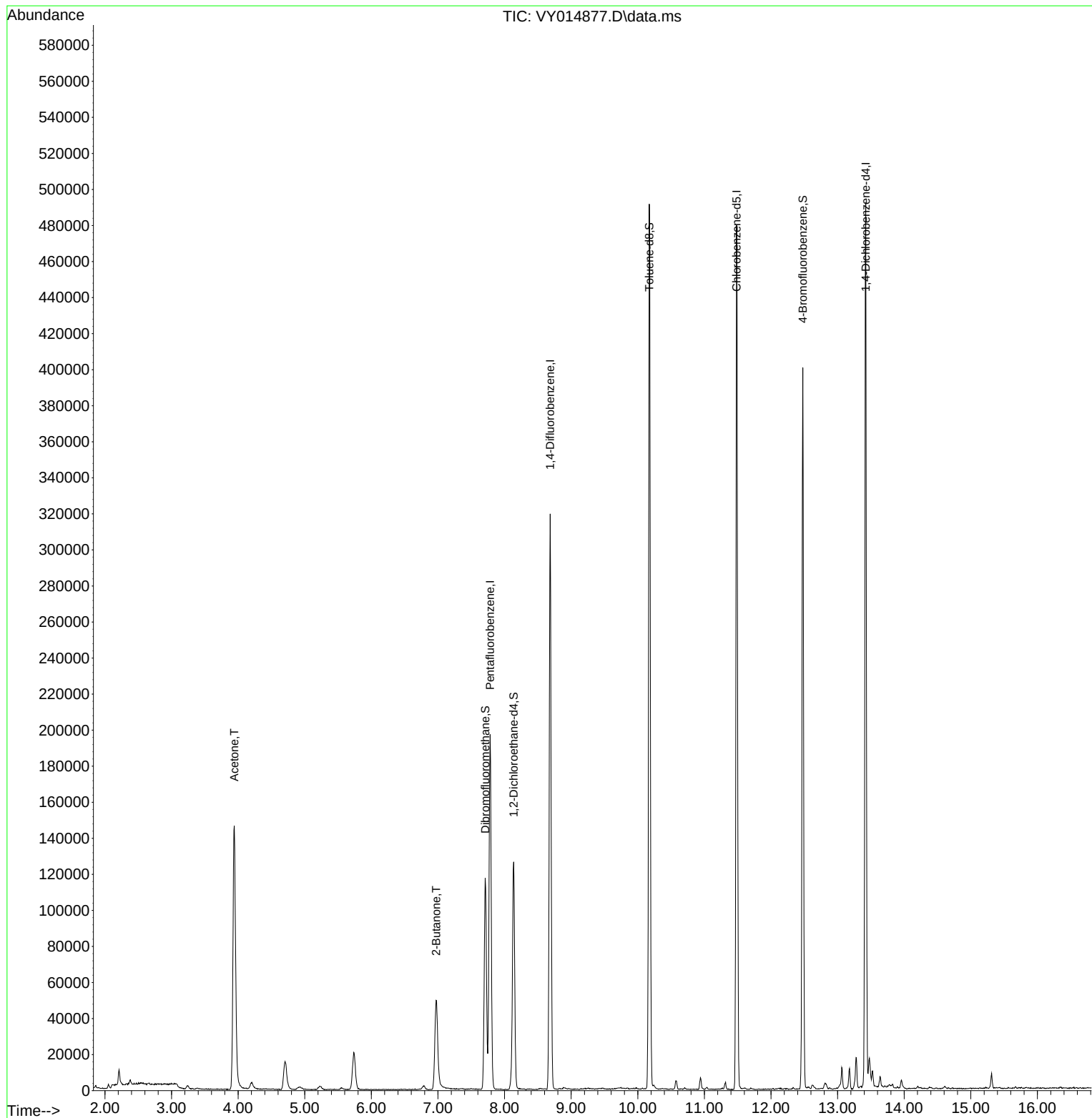
Internal Standards						
1) Pentafluorobenzene	7.783	168	151880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	256660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	97555	56.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.740%
35) Dibromofluoromethane	7.710	113	83376	48.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.020%
50) Toluene-d8	10.173	98	319802	50.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.477	95	120010	49.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.800%
Target Compounds						Qvalue
16) Acetone	3.942	43	260513	475.001	ug/l	95
25) 2-Butanone	6.972	43	4341	5.410	ug/l #	79

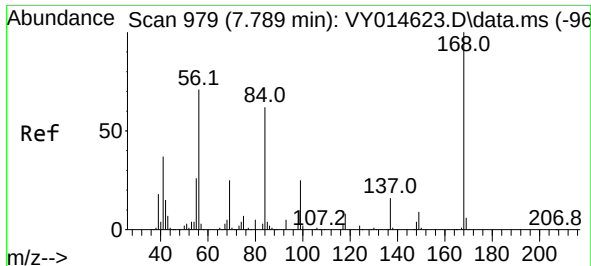
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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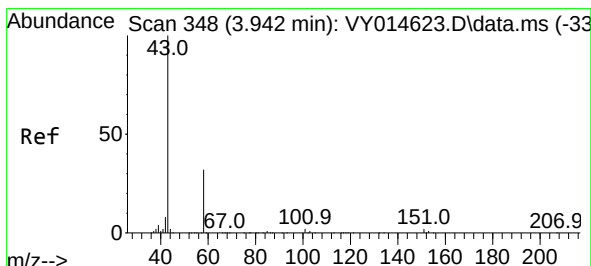
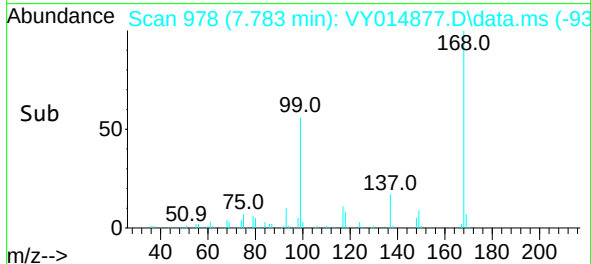
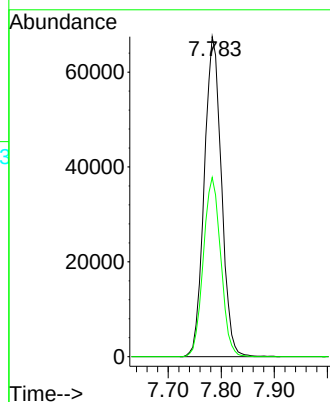
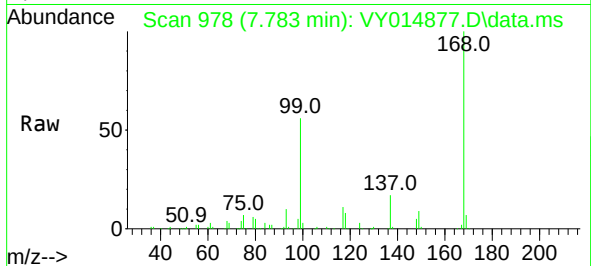




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

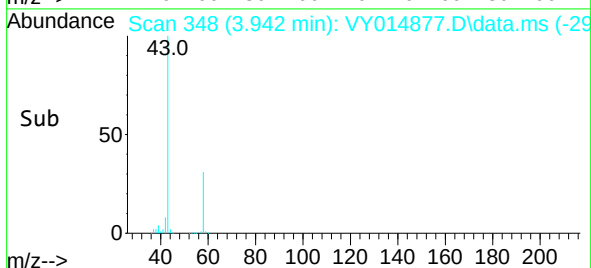
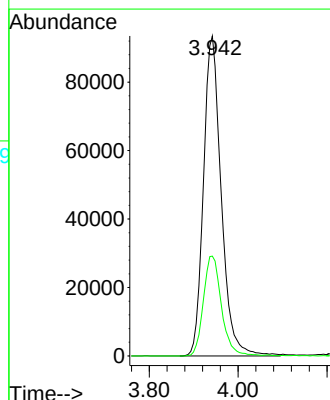
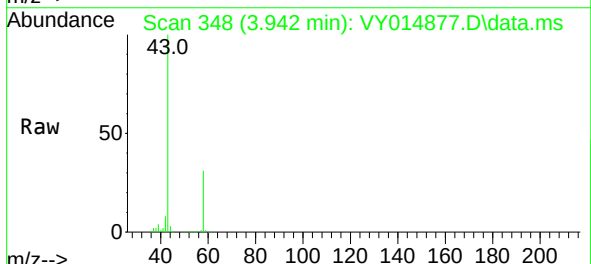
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-14-16-20230721

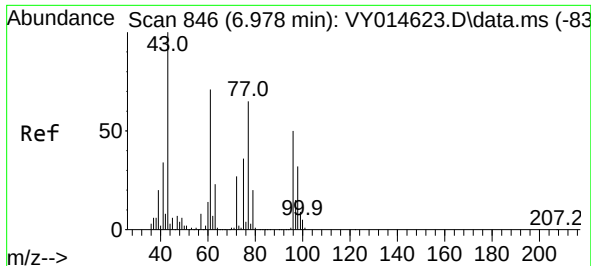
Tgt Ion:168 Resp: 151880
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#16
Acetone
Concen: 475.001 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Tgt Ion: 43 Resp: 260513
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1

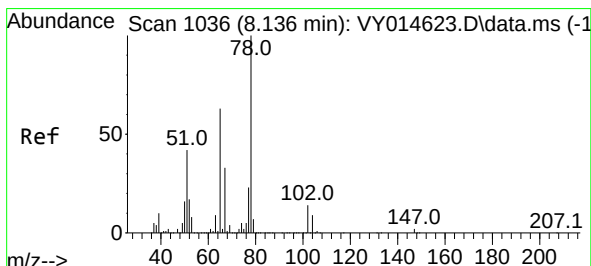
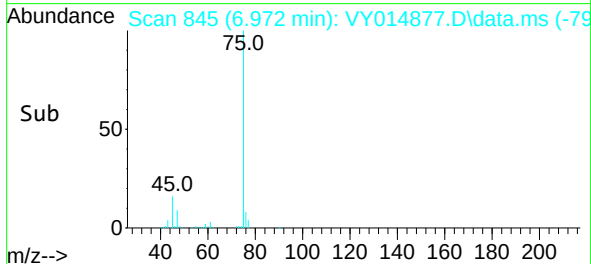
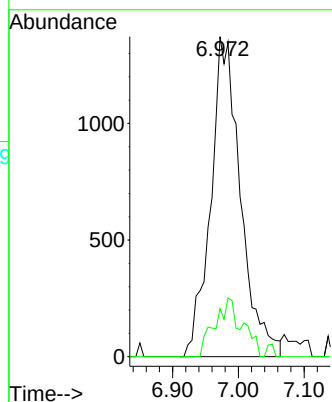
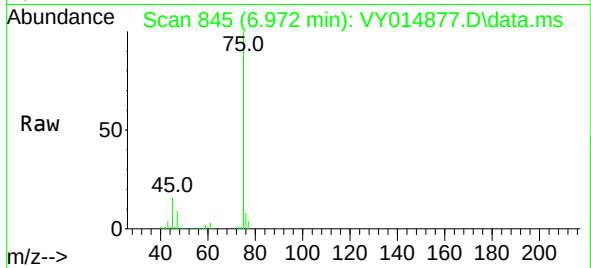




#25
2-Butanone
Concen: 5.410 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

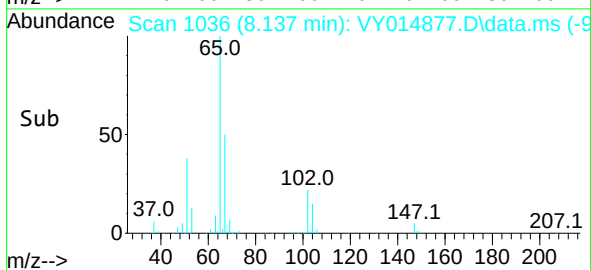
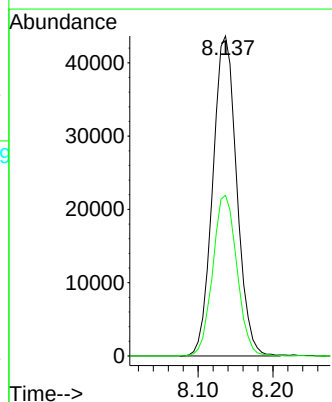
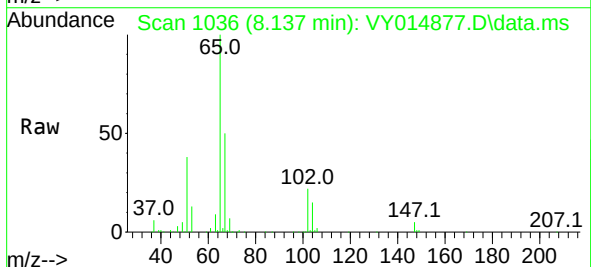
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-14-16-20230721

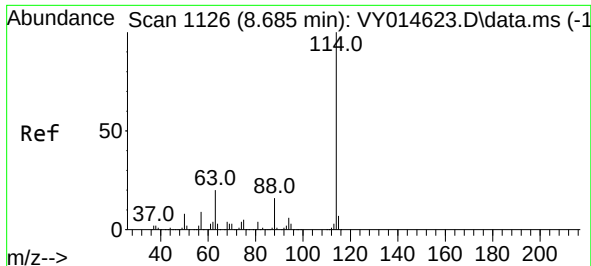
Tgt Ion: 43 Resp: 4341
Ion Ratio Lower Upper
43 100
72 15.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 56.366 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Tgt Ion: 65 Resp: 97555
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

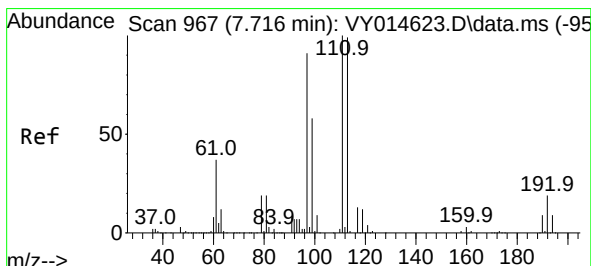
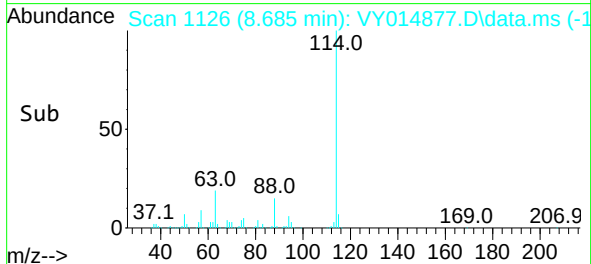
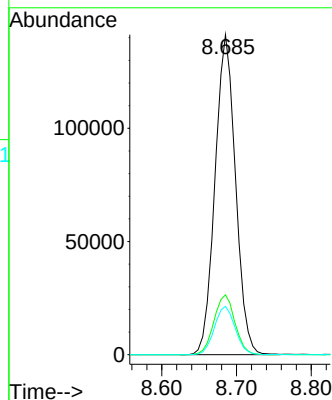
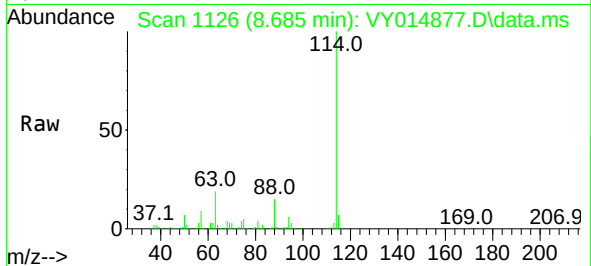




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

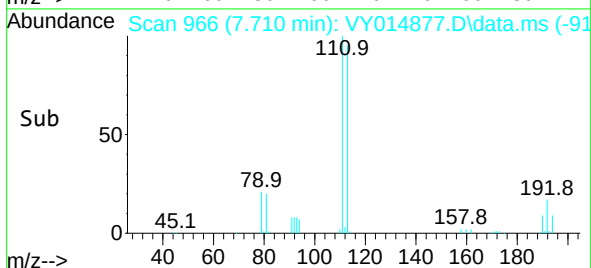
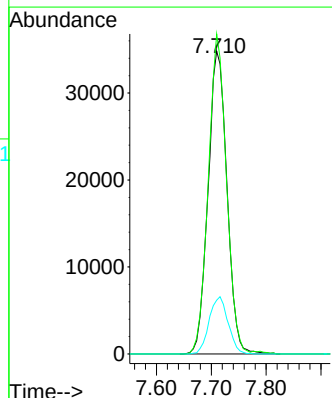
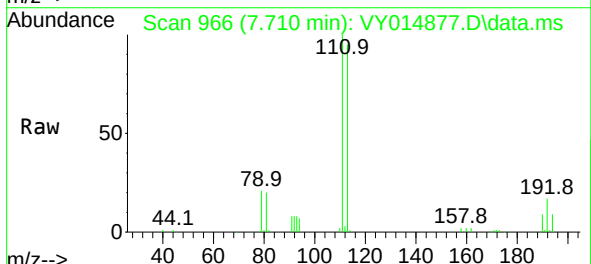
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-14-16-20230721

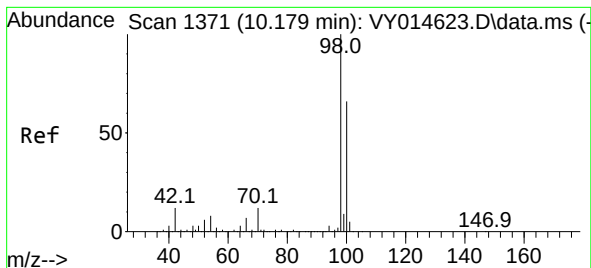
Tgt Ion:114 Resp: 269981
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.513 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014877.D
Acq: 27 Jul 2023 13:08

Tgt Ion:113 Resp: 83376
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 18.9 16.9 25.3





#50

Toluene-d8

Concen: 50.472 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014877.D

Acq: 27 Jul 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

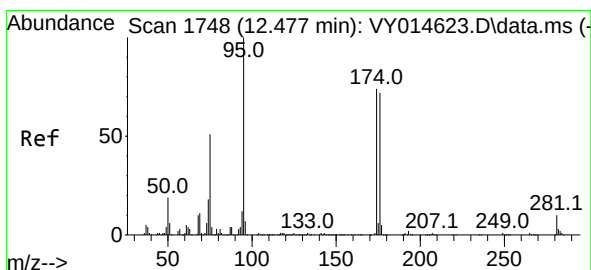
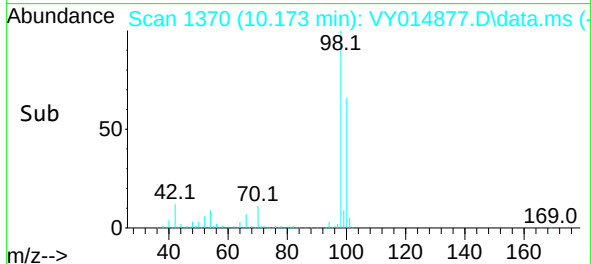
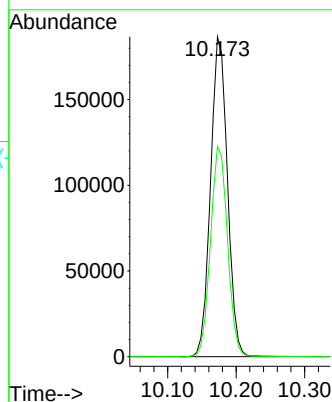
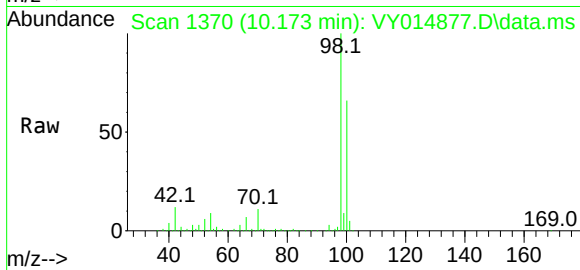
SB-23-14-16-20230721

Tgt Ion: 98 Resp: 319802

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.396 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY014877.D

Acq: 27 Jul 2023 13:08

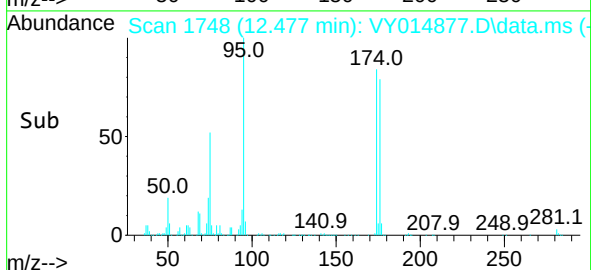
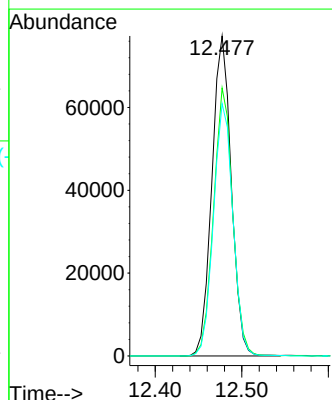
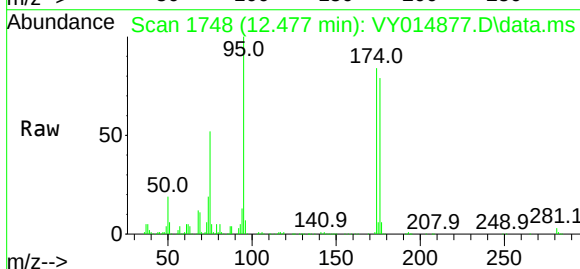
Tgt Ion: 95 Resp: 120010

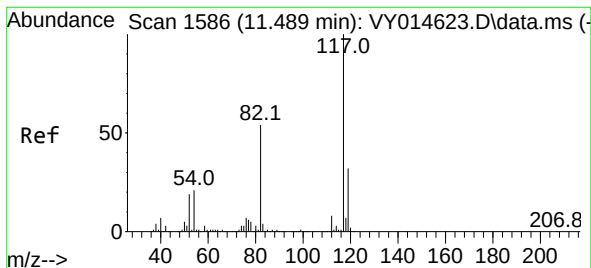
Ion Ratio Lower Upper

95 100

174 82.8 0.0 178.2

176 79.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014877.D

Acq: 27 Jul 2023 13:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-23-14-16-20230721

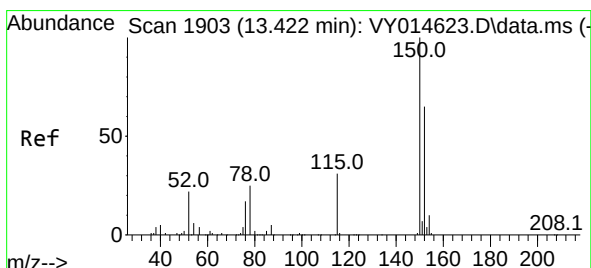
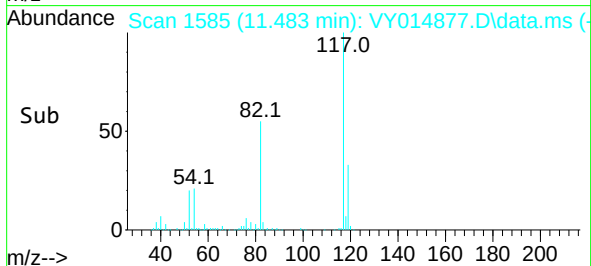
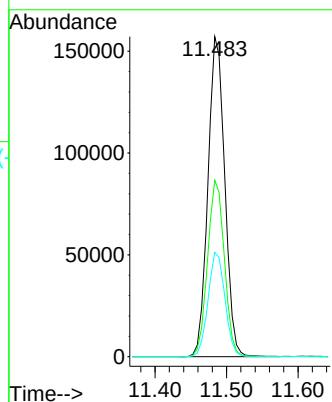
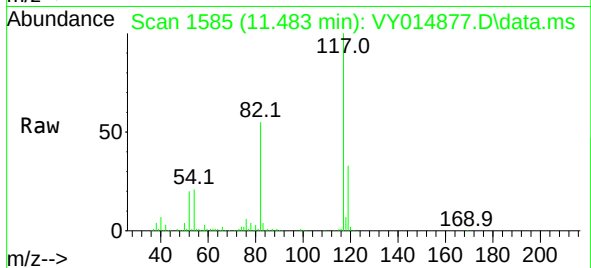
Tgt Ion:117 Resp: 256660

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 32.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014877.D

Acq: 27 Jul 2023 13:08

Tgt Ion:152 Resp: 123080

Ion Ratio Lower Upper

152 100

115 59.7 28.8 86.5

150 159.5 0.0 348.8

