

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014062.D
 Acq On : 07 Jun 2023 16:05
 Operator : KP/MD
 Sample : 03044-14
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-0-2.0

Quant Time: Jun 08 02:33:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

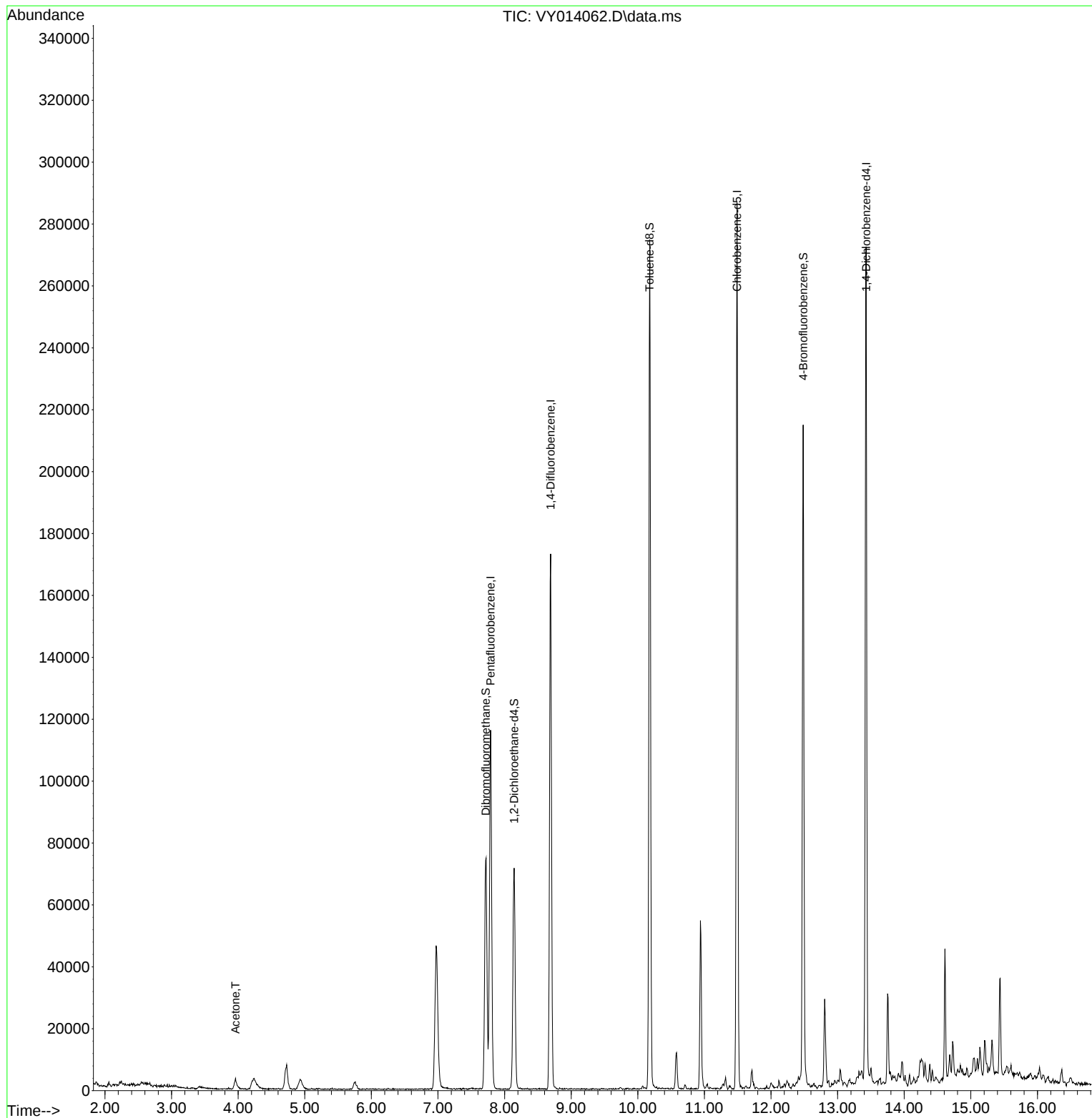
Internal Standards						
1) Pentafluorobenzene	7.789	168	88687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59407	50.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.200%	
35) Dibromofluoromethane	7.716	113	52160	55.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.720%	
50) Toluene-d8	10.179	98	180863	50.777	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.483	95	58252	47.970	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.940%	
Target Compounds						
16) Acetone	3.960	43	5553	13.825	ug/l	Qvalue 97

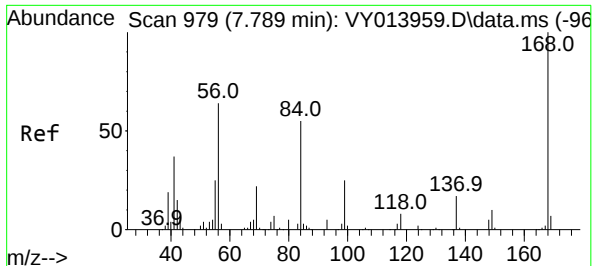
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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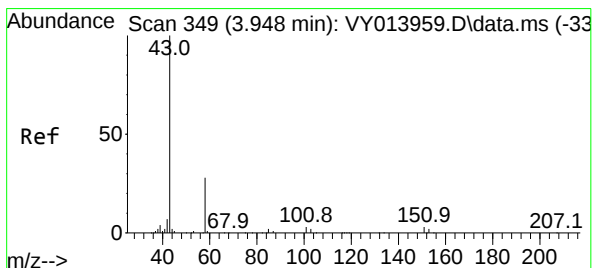
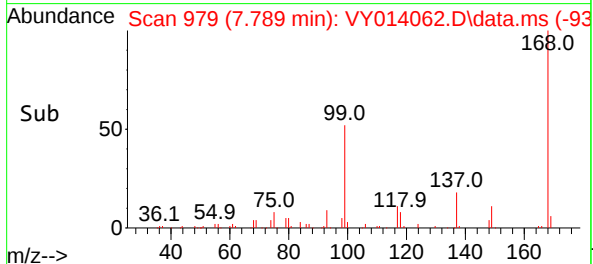
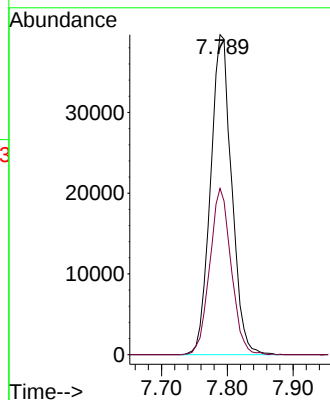
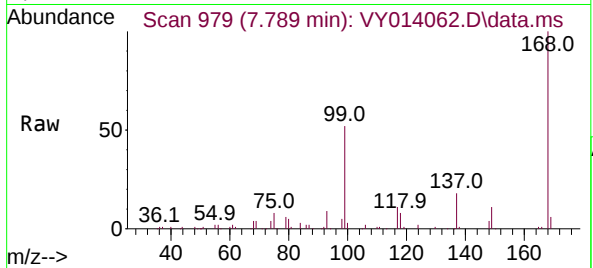




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014062.D
Acq: 07 Jun 2023 16:05

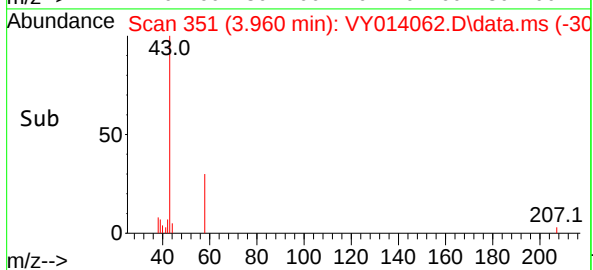
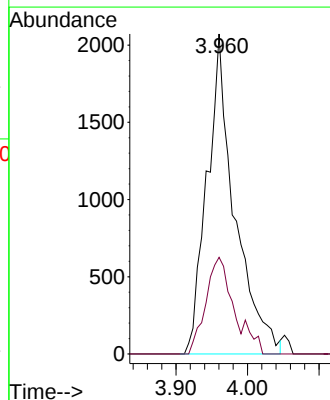
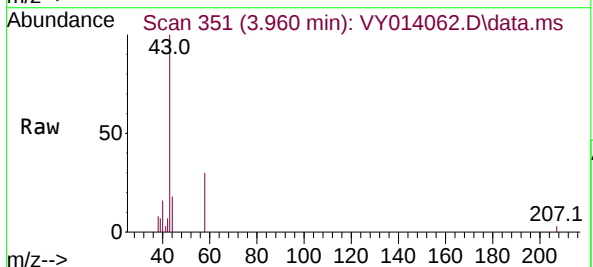
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-0-2.0

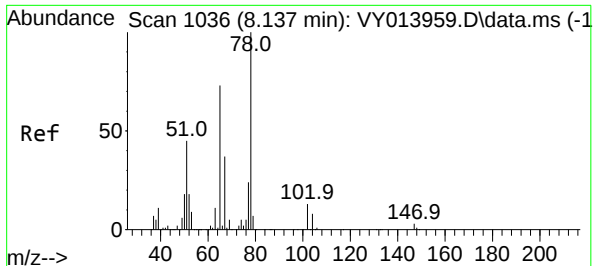
Tgt Ion:168 Resp: 88687
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#16
Acetone
Concen: 13.825 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY014062.D
Acq: 07 Jun 2023 16:05

Tgt Ion: 43 Resp: 5553
Ion Ratio Lower Upper
43 100
58 30.2 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 50.602 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014062.D

Acq: 07 Jun 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

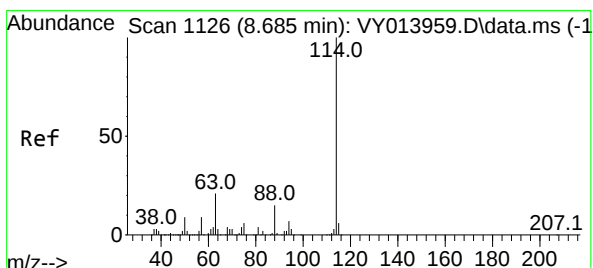
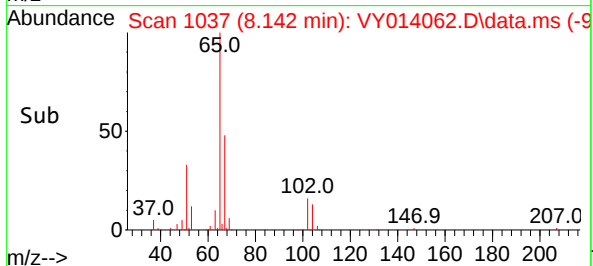
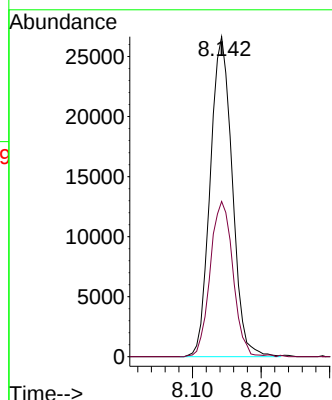
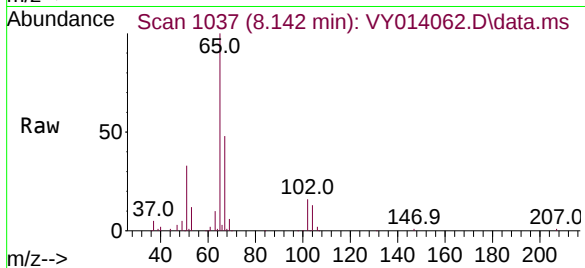
SB-08-0-2.0

Tgt Ion: 65 Resp: 59407

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014062.D

Acq: 07 Jun 2023 16:05

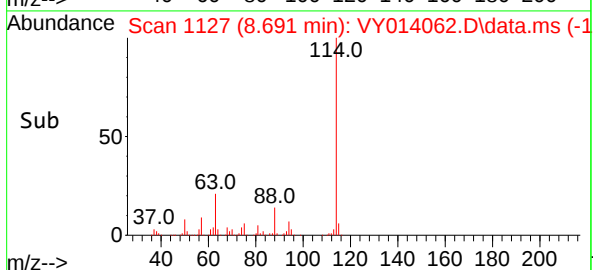
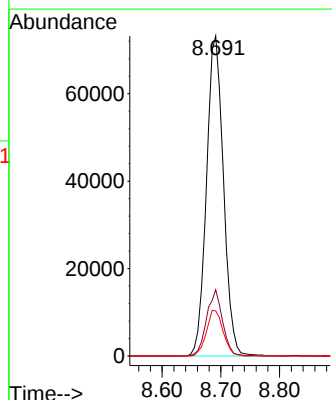
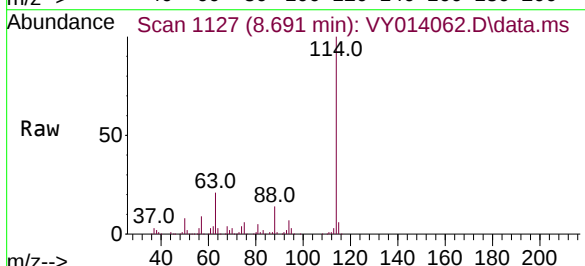
Tgt Ion: 114 Resp: 146938

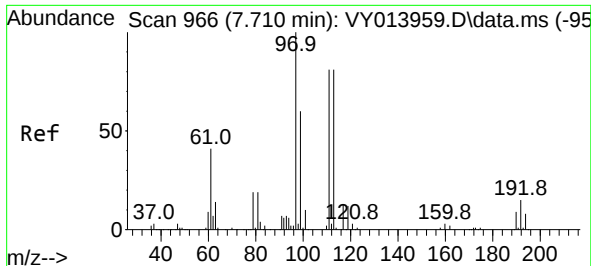
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

88 14.1 0.0 30.6

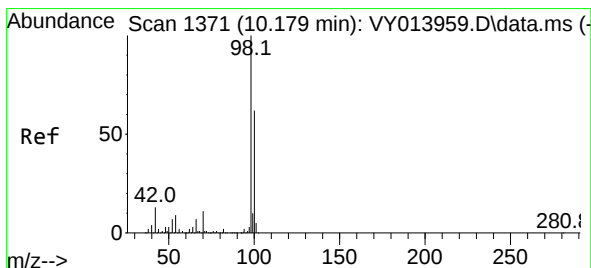
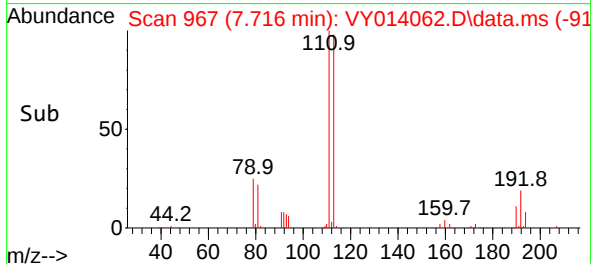
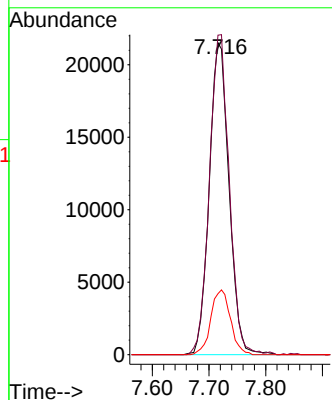
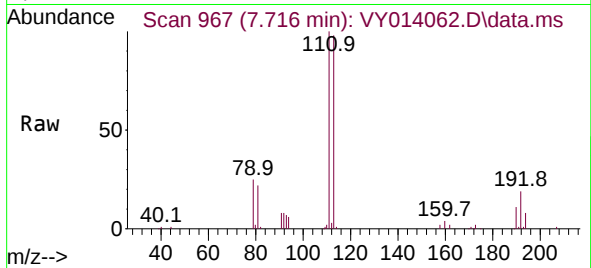




#35
Dibromofluoromethane
Concen: 55.857 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014062.D
Acq: 07 Jun 2023 16:05

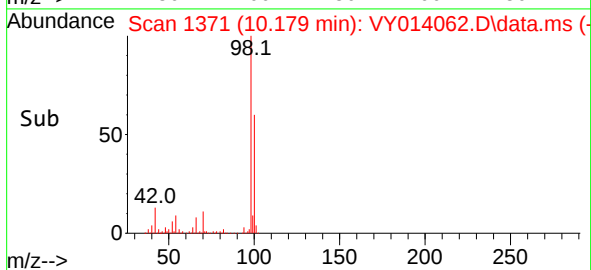
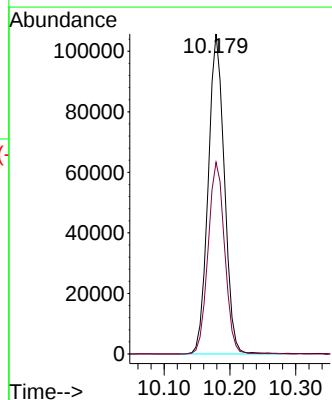
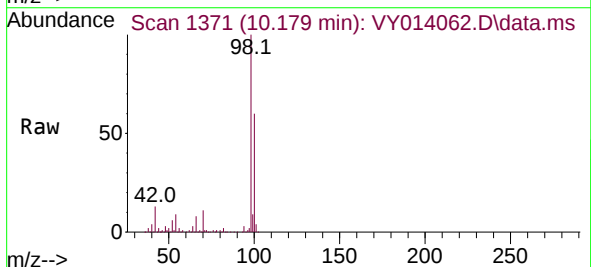
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-0-2.0

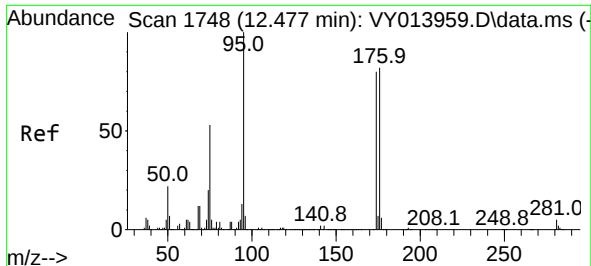
Tgt Ion:113 Resp: 52160
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 20.6 16.9 25.3



#50
Toluene-d8
Concen: 50.777 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014062.D
Acq: 07 Jun 2023 16:05

Tgt Ion: 98 Resp: 180863
Ion Ratio Lower Upper
98 100
100 61.3 50.1 75.1

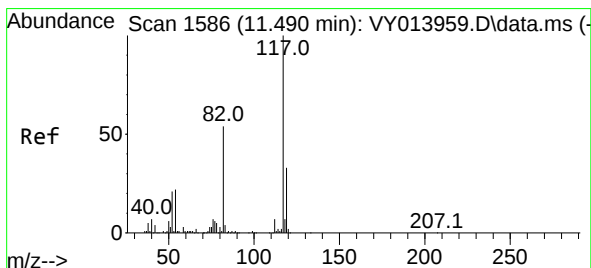
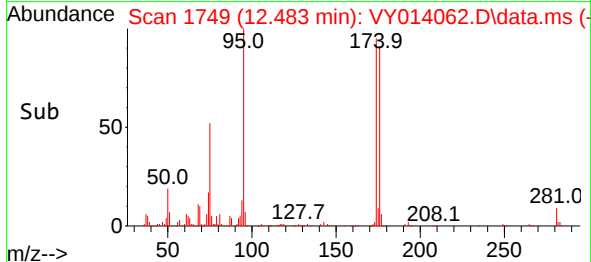
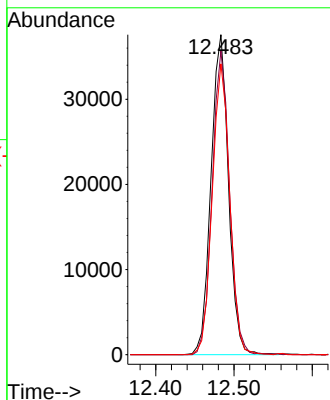
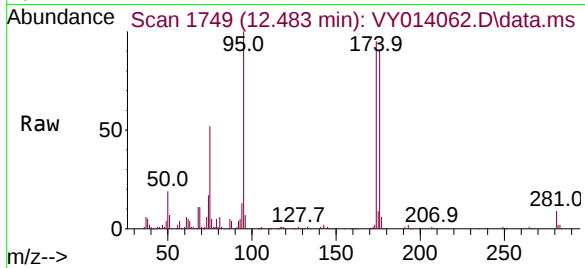




#62
4-Bromofluorobenzene
Concen: 47.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014062.D
Acq: 07 Jun 2023 16:05

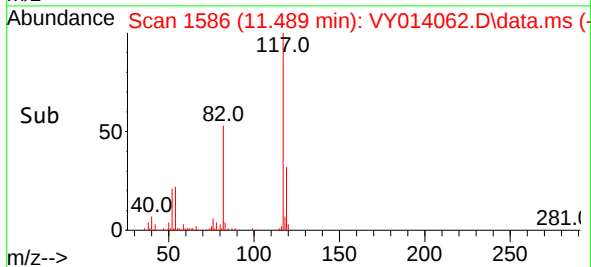
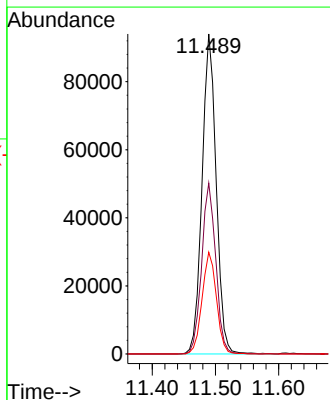
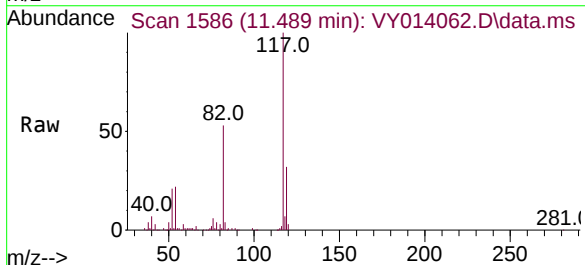
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-0-2.0

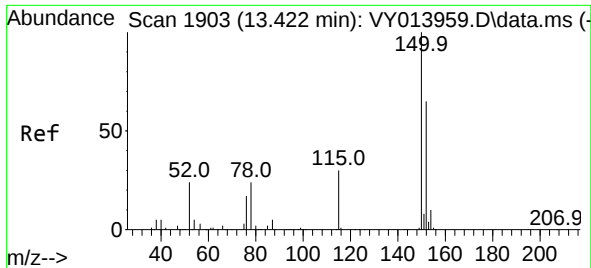
Tgt Ion: 95 Resp: 58252
Ion Ratio Lower Upper
95 100
174 94.6 0.0 178.2
176 90.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014062.D
Acq: 07 Jun 2023 16:05

Tgt Ion: 117 Resp: 146321
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014062.D

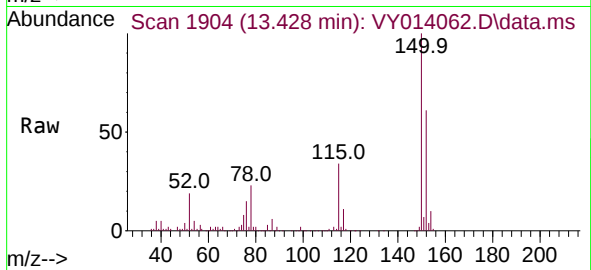
Acq: 07 Jun 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-08-0-2.0



Tgt Ion:152 Resp: 68446

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 158.4 0.0 348.8

