

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014106.D
 Acq On : 09 Jun 2023 19:45
 Operator : KP/MD
 Sample : 03044-14RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 10 05:15:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

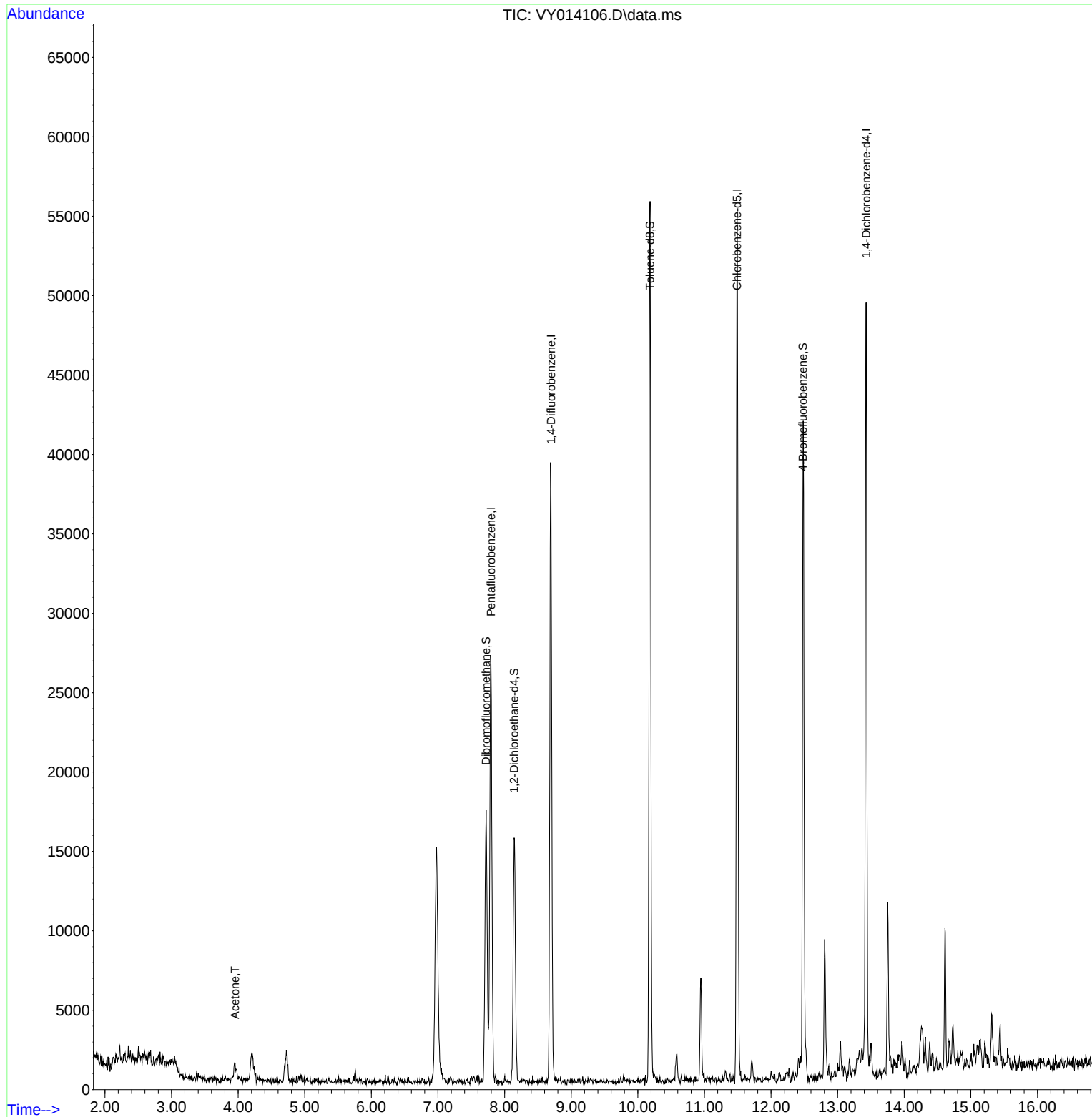
Internal Standards						
1) Pentafluorobenzene	7.795	168	21036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	32038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	30336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13460	45.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.900%
35) Dibromofluoromethane	7.722	113	11548	50.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.660%
50) Toluene-d8	10.185	98	38034	44.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.560%
62) 4-Bromofluorobenzene	12.477	95	10877	36.047	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.100%
Target Compounds						
16) Acetone	3.954	43	2132	24.145	ug/l	Qvalue 92

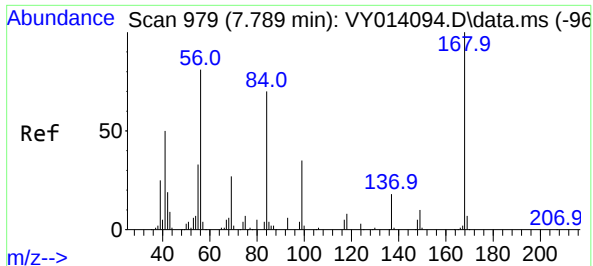
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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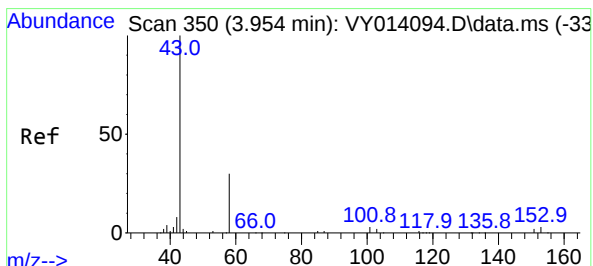
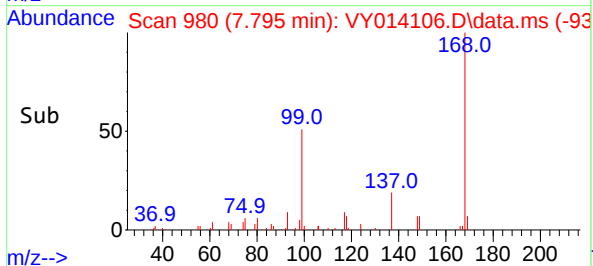
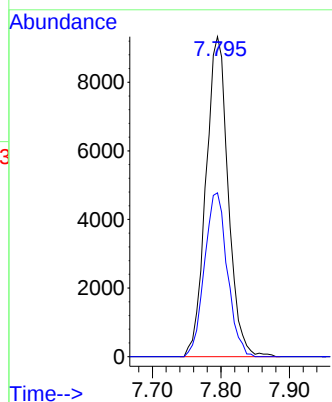
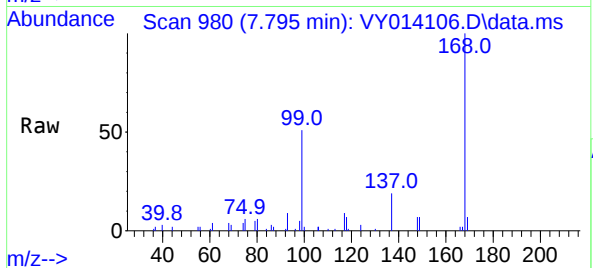




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014106.D
Acq: 09 Jun 2023 19:45

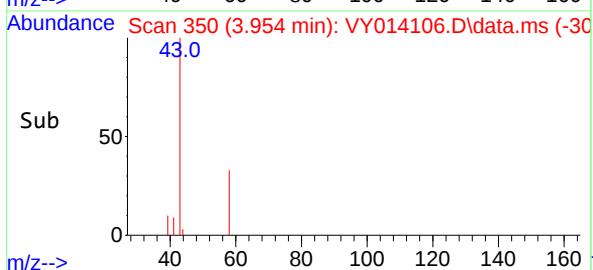
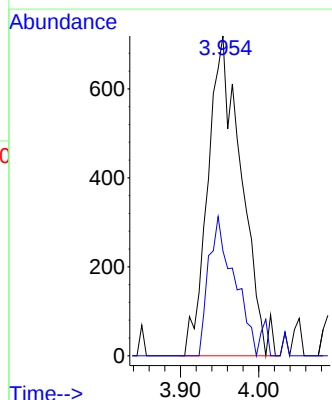
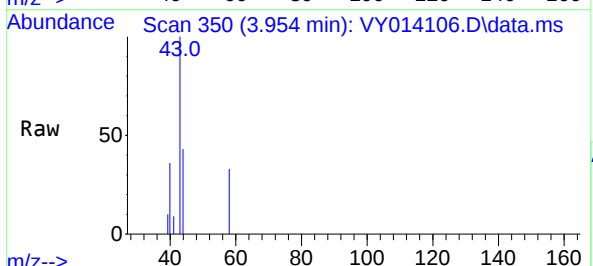
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-0-2.0RE

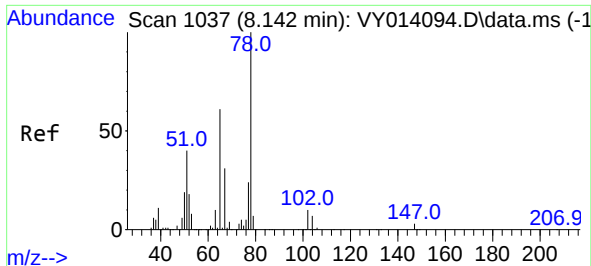
Tgt Ion:168 Resp: 21036
Ion Ratio Lower Upper
168 100
99 51.2 43.4 65.0



#16
Acetone
Concen: 24.145 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014106.D
Acq: 09 Jun 2023 19:45

Tgt Ion: 43 Resp: 2132
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 45.950 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014106.D

Acq: 09 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

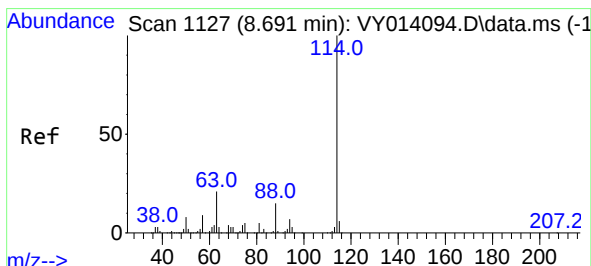
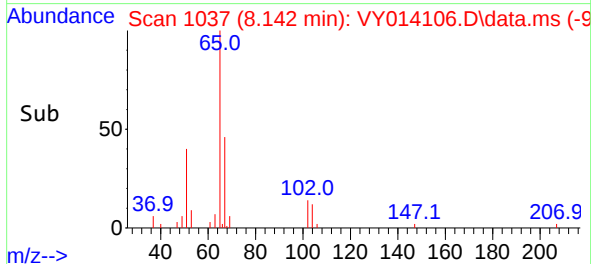
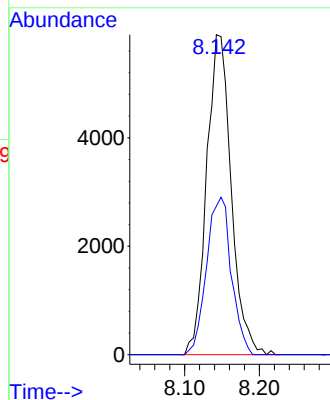
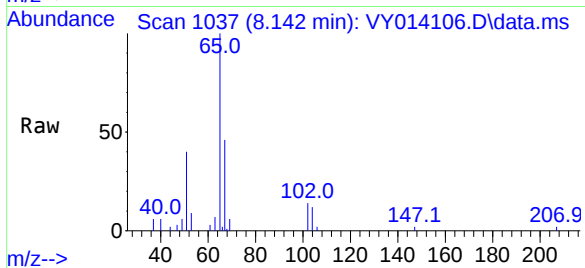
SB-08-0-2.0RE

Tgt Ion: 65 Resp: 13460

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014106.D

Acq: 09 Jun 2023 19:45

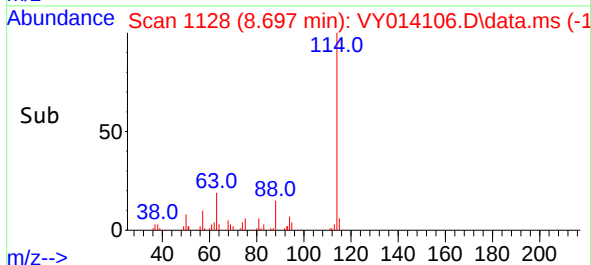
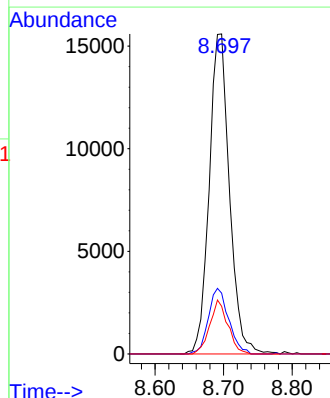
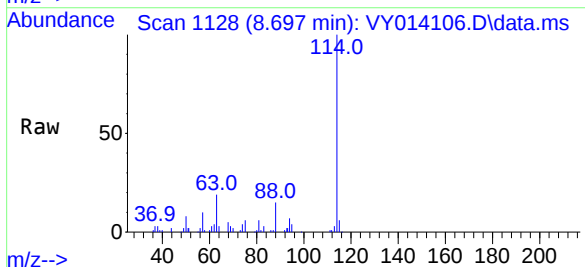
Tgt Ion: 114 Resp: 32038

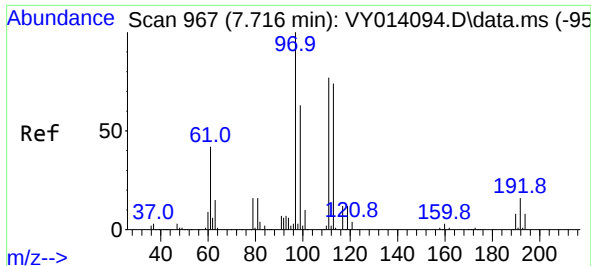
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.9 0.0 30.6

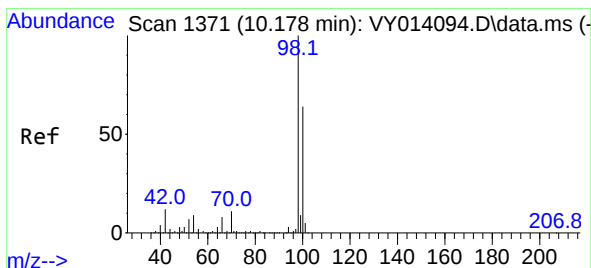
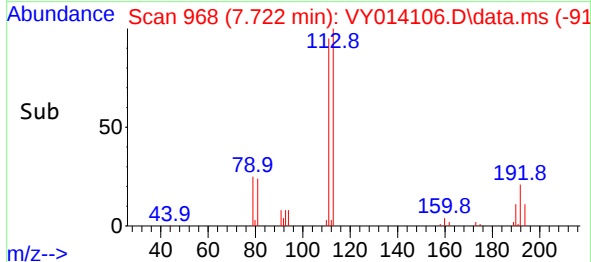
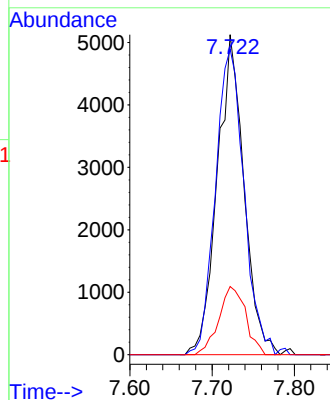
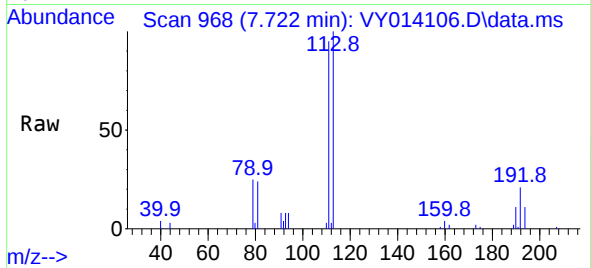




#35
Dibromofluoromethane
Concen: 50.826 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014106.D
Acq: 09 Jun 2023 19:45

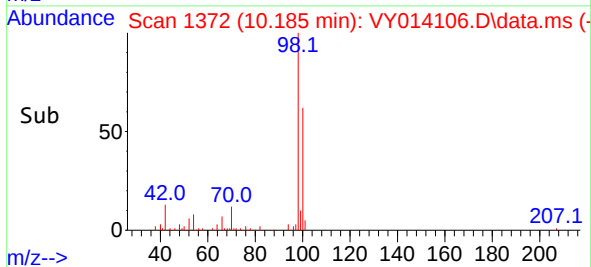
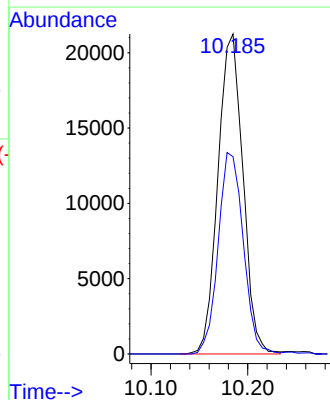
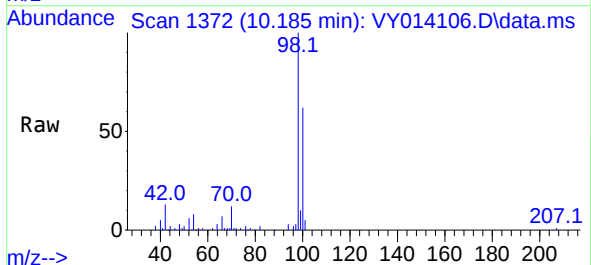
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-0-2.0RE

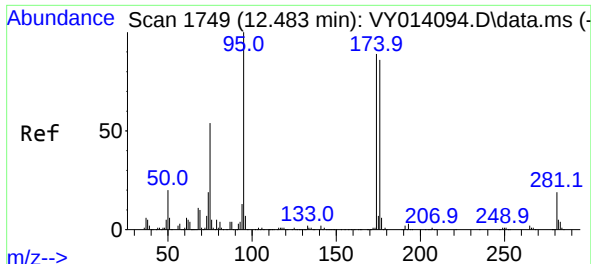
Tgt Ion:113 Resp: 11548
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 21.5 16.9 25.3



#50
Toluene-d8
Concen: 44.776 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014106.D
Acq: 09 Jun 2023 19:45

Tgt Ion: 98 Resp: 38034
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1

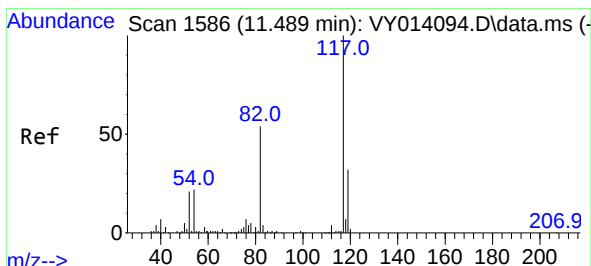
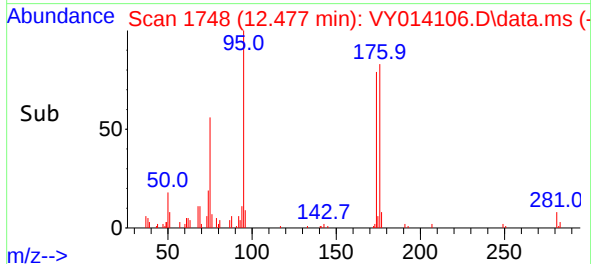
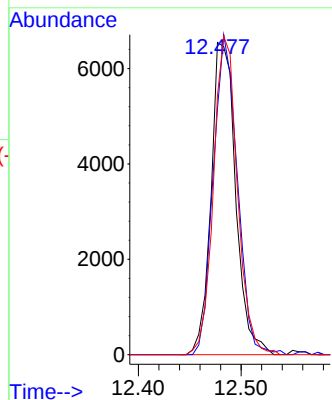
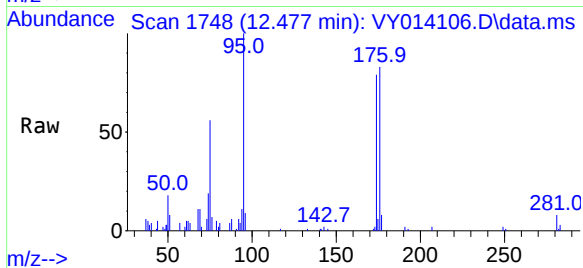




#62
4-Bromofluorobenzene
Concen: 36.047 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014106.D
Acq: 09 Jun 2023 19:45

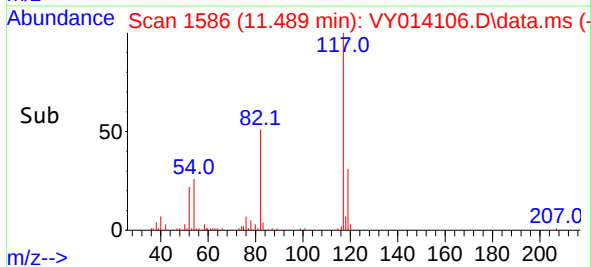
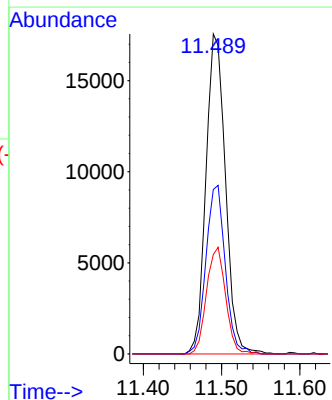
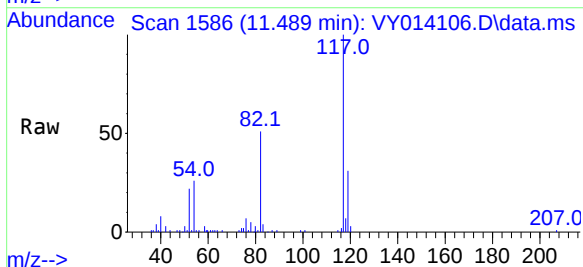
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-0-2.0RE

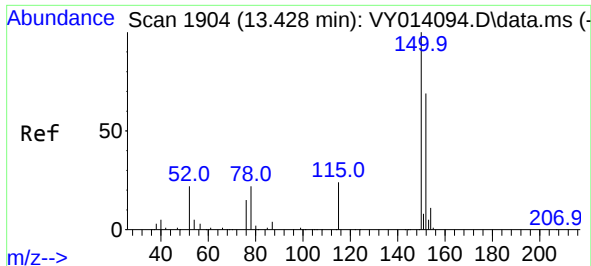
Tgt Ion: 95 Resp: 10877
Ion Ratio Lower Upper
95 100
174 99.9 0.0 178.2
176 99.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014106.D
Acq: 09 Jun 2023 19:45

Tgt Ion: 117 Resp: 30336
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 31.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014106.D

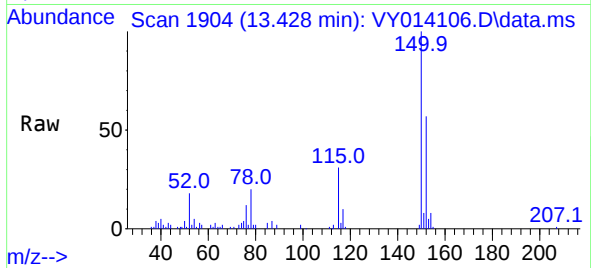
Acq: 09 Jun 2023 19:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-08-0-2.0RE



Tgt Ion:152 Resp: 12204

Ion Ratio Lower Upper

152 100

115 59.3 28.8 86.5

150 159.5 0.0 348.8

