

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014056.D
 Acq On : 07 Jun 2023 13:45
 Operator : KP/MD
 Sample : 03069-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB34B

Quant Time: Jun 08 02:32:53 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	7.795	168	156053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	286915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136414	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115863	56.087	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.180%
35) Dibromofluoromethane	7.722	113	96101	55.523	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.040%
50) Toluene-d8	10.185	98	342678	51.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.800%
62) 4-Bromofluorobenzene	12.483	95	119101	52.915	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.820%

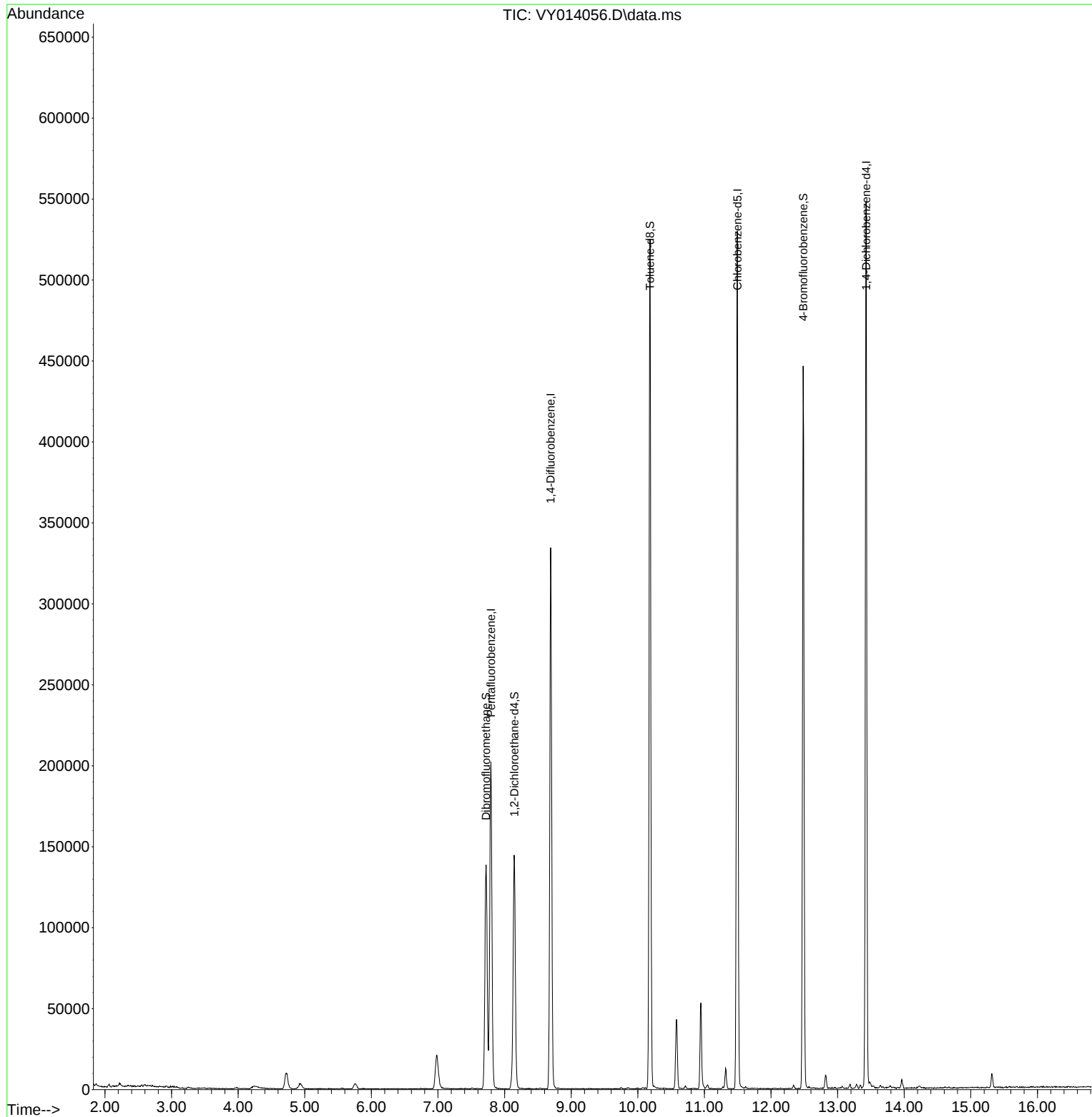
Target Compounds	Qvalue

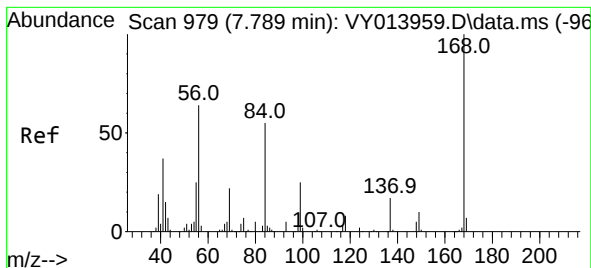
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
Data File : VY014056.D
Acq On : 07 Jun 2023 13:45
Operator : KP/MD
Sample : 03069-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB34B

Quant Time: Jun 08 02:32:53 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY014056.D

Acq: 07 Jun 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

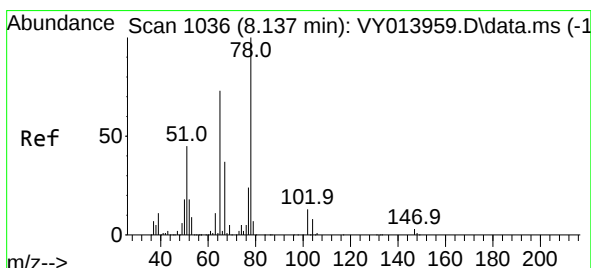
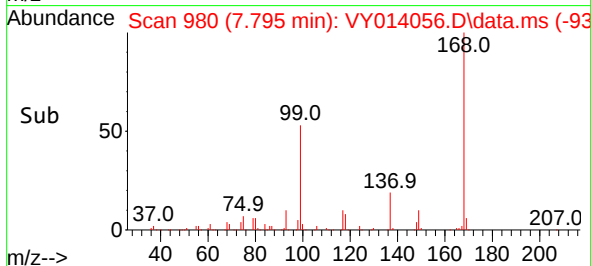
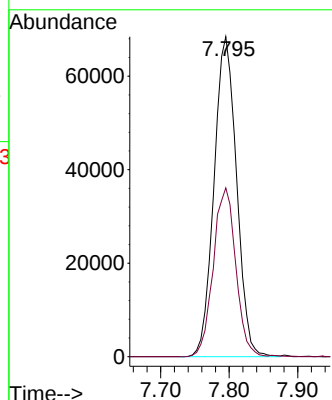
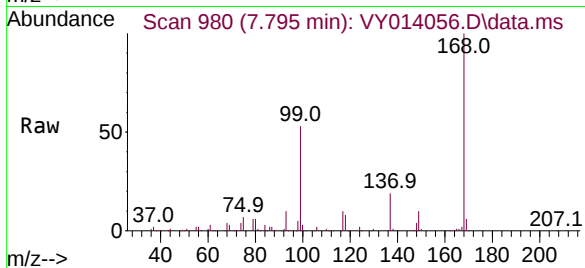
SB34B

Tgt Ion:168 Resp: 156053

Ion Ratio Lower Upper

168 100

99 52.7 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 56.087 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.012 min

Lab File: VY014056.D

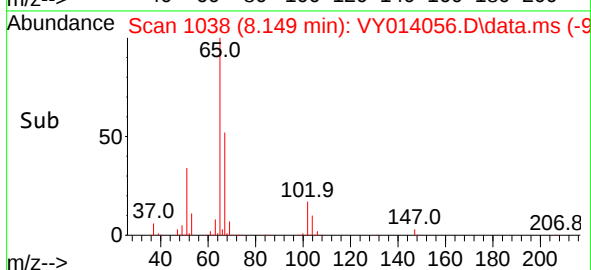
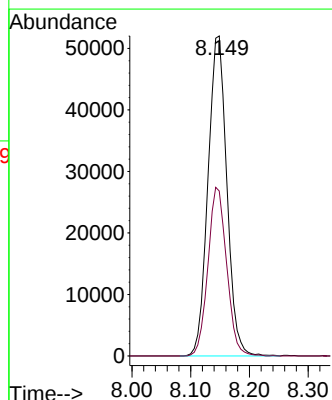
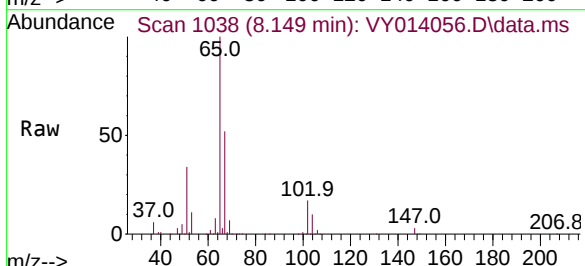
Acq: 07 Jun 2023 13:45

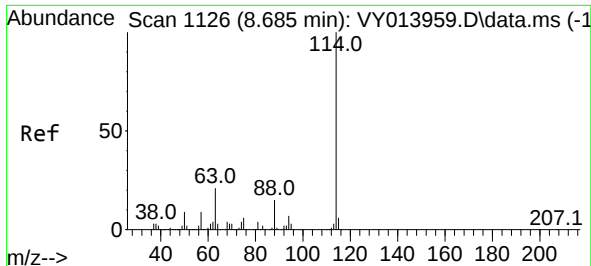
Tgt Ion: 65 Resp: 115863

Ion Ratio Lower Upper

65 100

67 52.3 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: VY014056.D

Acq: 07 Jun 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

SB34B

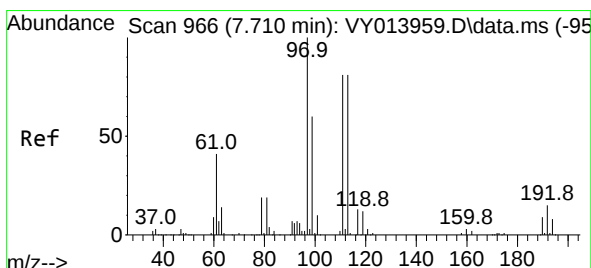
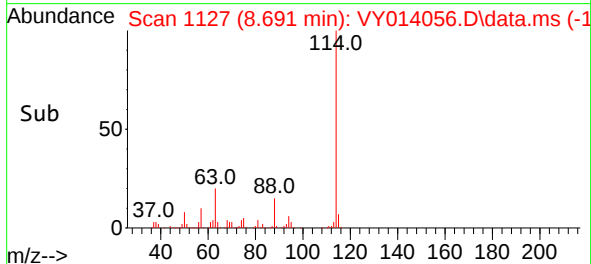
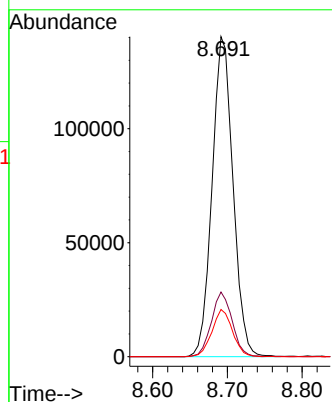
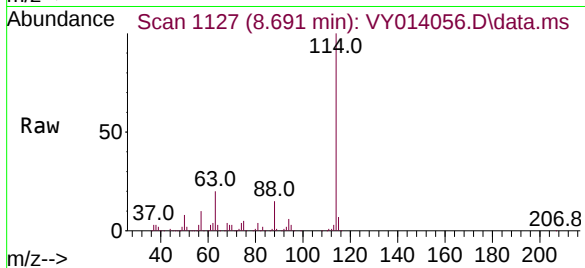
Tgt Ion:114 Resp: 272354

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.523 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014056.D

Acq: 07 Jun 2023 13:45

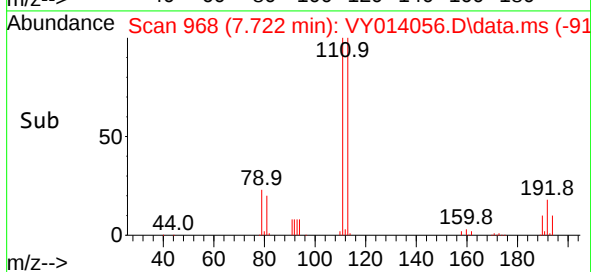
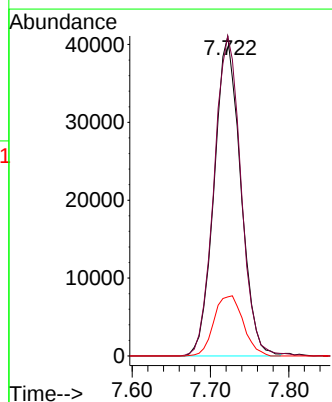
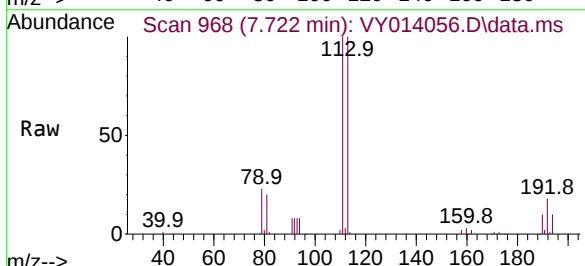
Tgt Ion:113 Resp: 96101

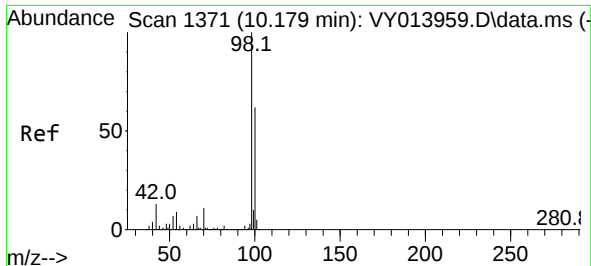
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 20.8 16.9 25.3

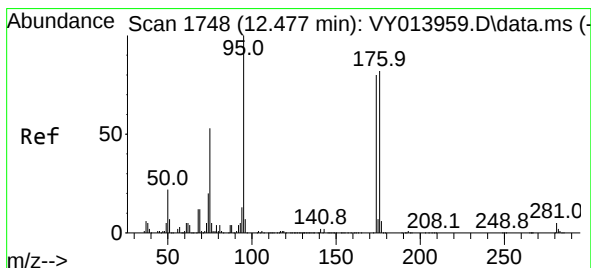
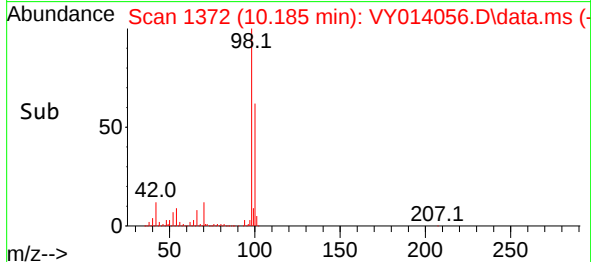
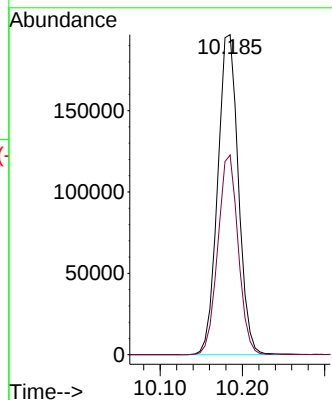
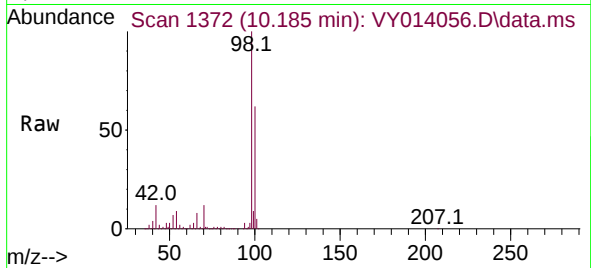




#50
Toluene-d8
Concen: 51.904 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

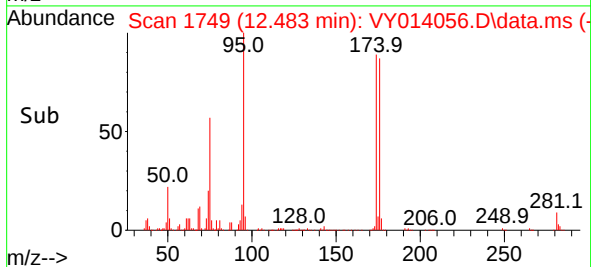
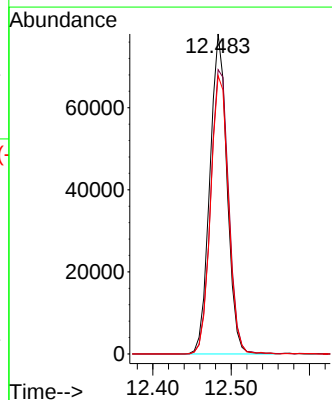
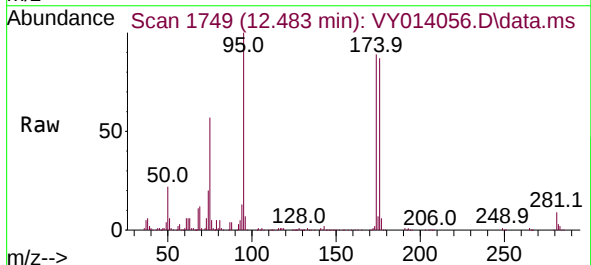
Instrument :
MSVOA_Y
ClientSampleId :
SB34B

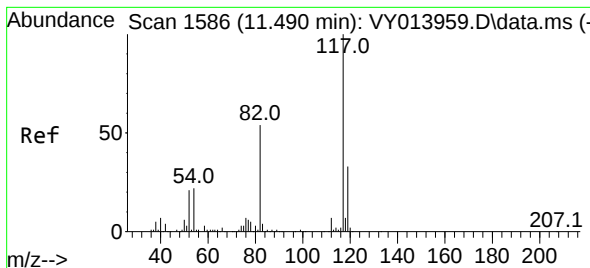
Tgt Ion: 98 Resp: 342678
Ion Ratio Lower Upper
98 100
100 61.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.915 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

Tgt Ion: 95 Resp: 119101
Ion Ratio Lower Upper
95 100
174 93.4 0.0 178.2
176 90.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014056.D

Acq: 07 Jun 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

SB34B

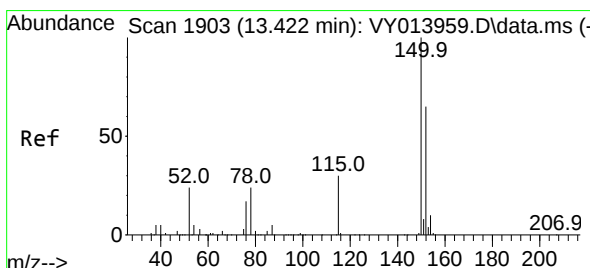
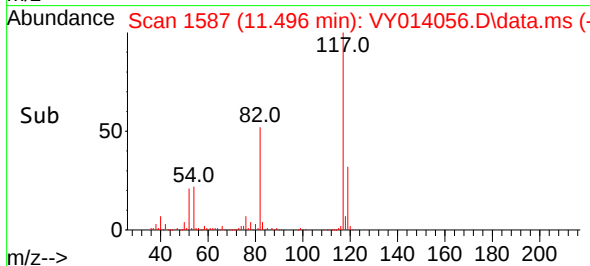
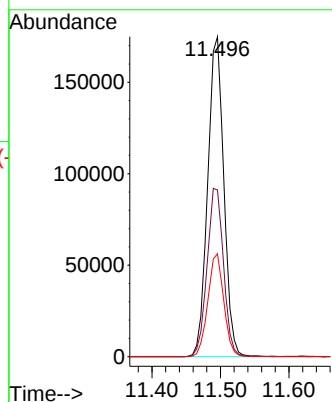
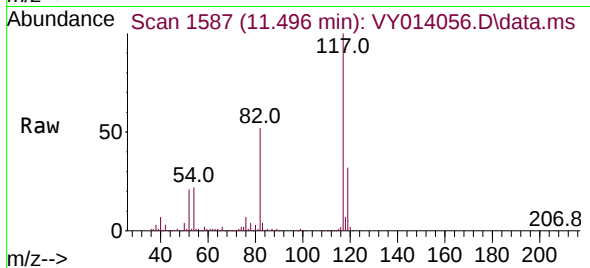
Tgt Ion:117 Resp: 286915

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 32.2 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: VY014056.D

Acq: 07 Jun 2023 13:45

Tgt Ion:152 Resp: 136414

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 157.8 0.0 348.8

