

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014987.D
 Acq On : 08 Aug 2023 15:59
 Operator : SY/MD
 Sample : 03919-01
 Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-38

Quant Time: Aug 09 01:01:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	196670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	358059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	353663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132414	55.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.100%
35) Dibromofluoromethane	7.716	113	116617	50.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.860%
50) Toluene-d8	10.179	98	428020	49.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.220%
62) 4-Bromofluorobenzene	12.477	95	159149	51.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.040%

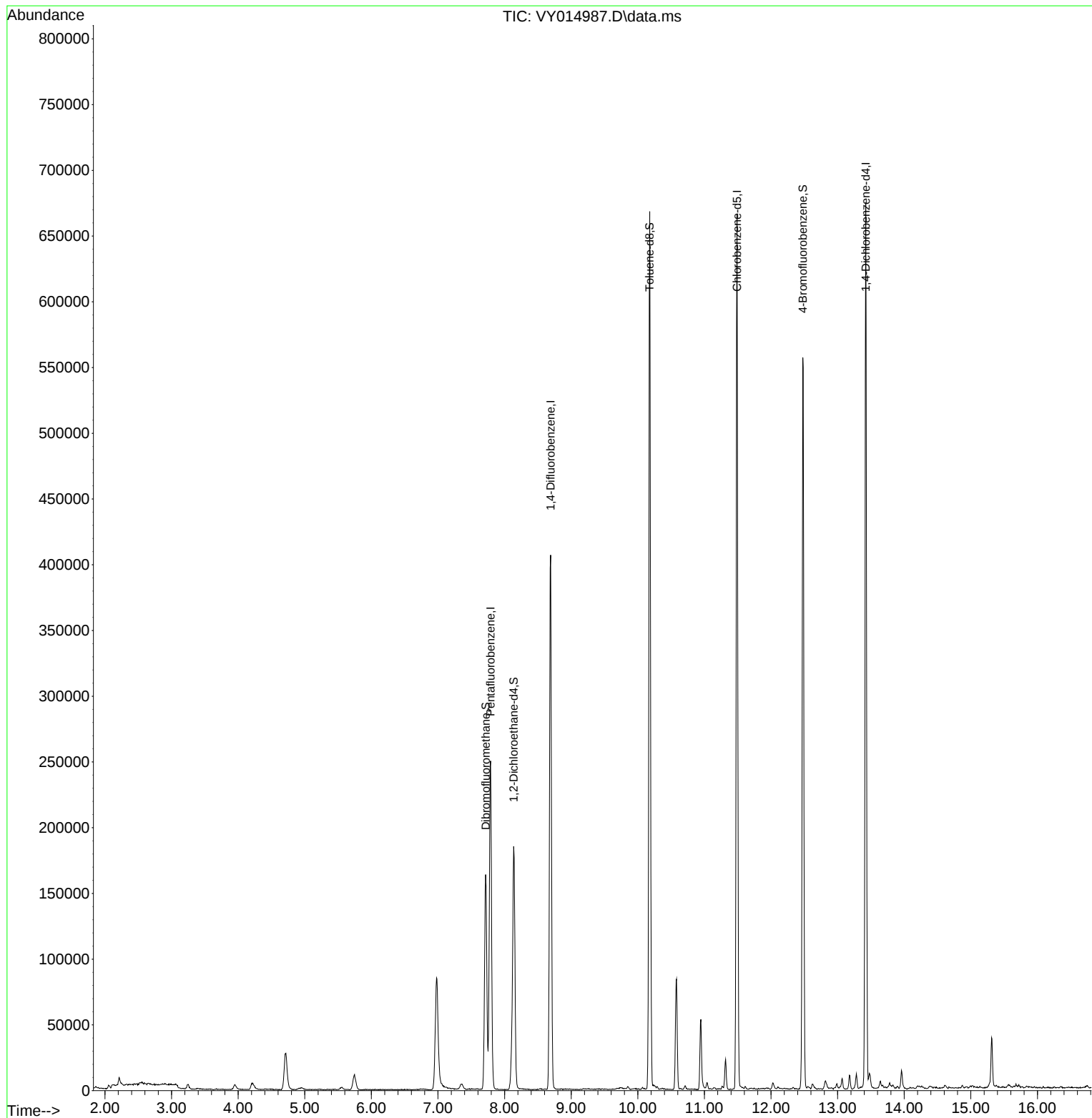
Target Compounds	Qvalue

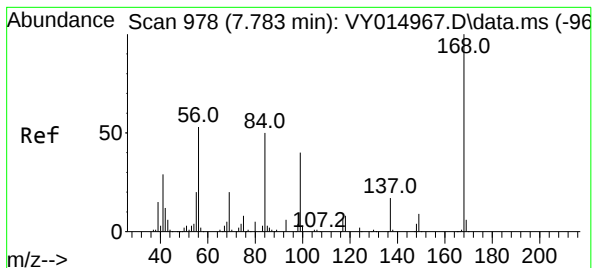
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
Data File : VY014987.D
Acq On : 08 Aug 2023 15:59
Operator : SY/MD
Sample : 03919-01
Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-38

Quant Time: Aug 09 01:01:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY014987.D

Acq: 08 Aug 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

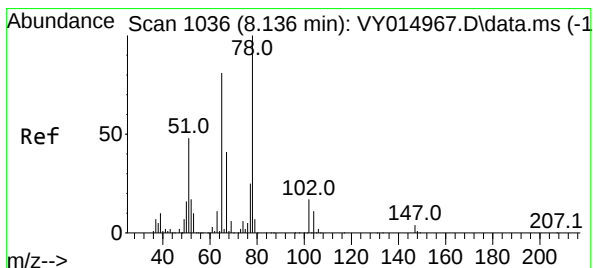
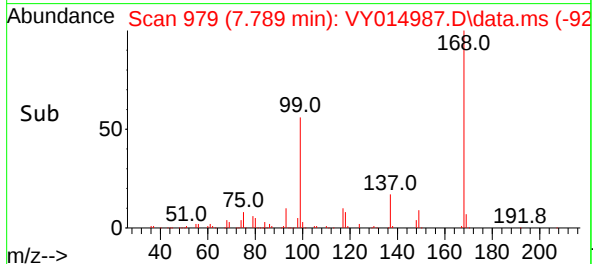
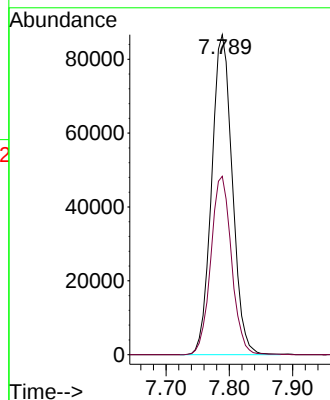
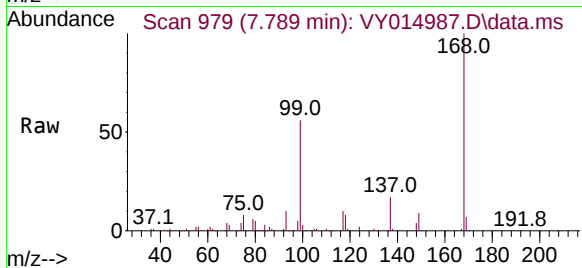
TP-38

Tgt Ion:168 Resp: 196670

Ion Ratio Lower Upper

168 100

99 55.8 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 55.550 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014987.D

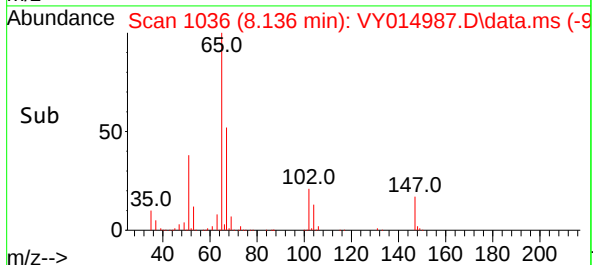
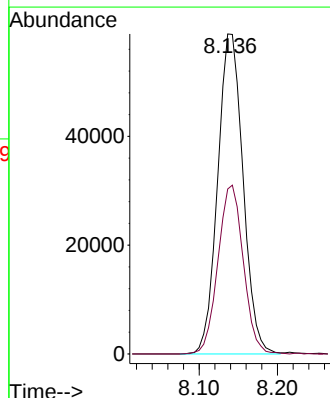
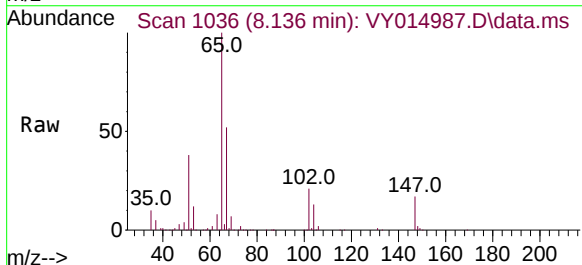
Acq: 08 Aug 2023 15:59

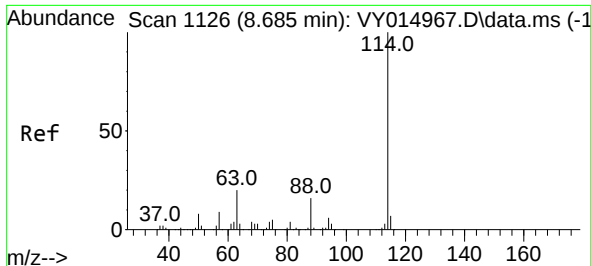
Tgt Ion: 65 Resp: 132414

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014987.D

Acq: 08 Aug 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-38

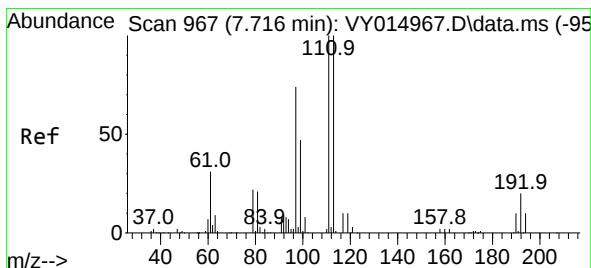
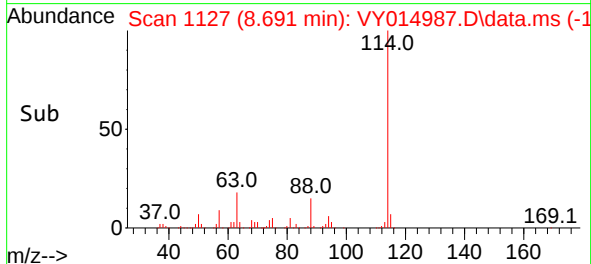
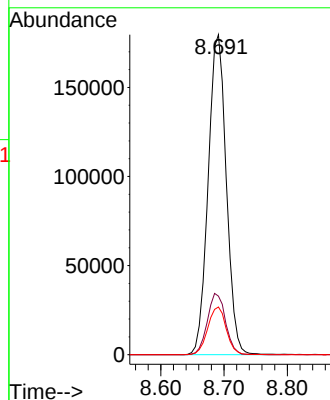
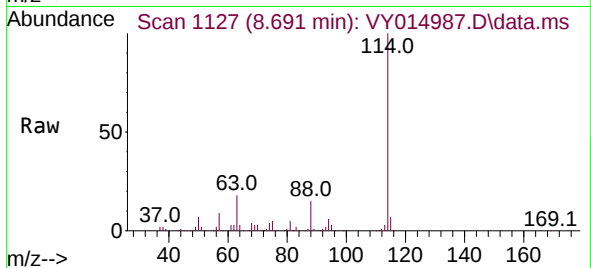
Tgt Ion:114 Resp: 358059

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.931 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY014987.D

Acq: 08 Aug 2023 15:59

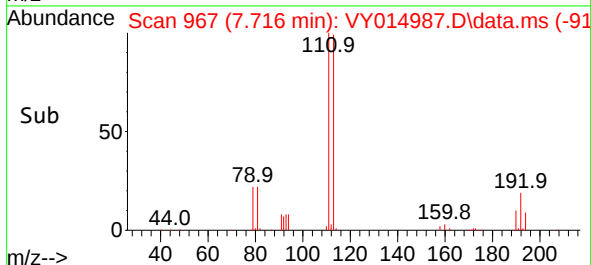
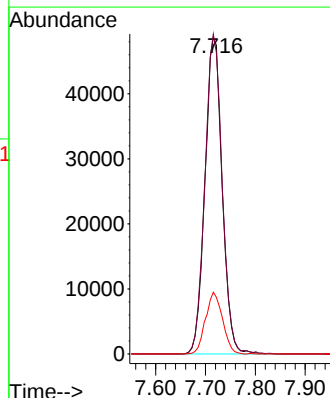
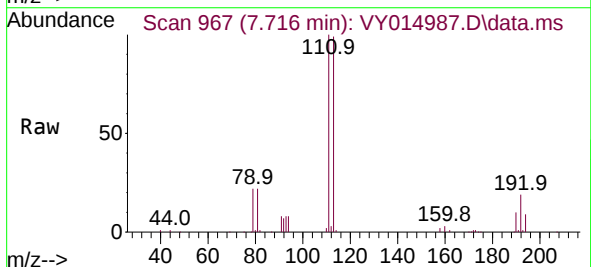
Tgt Ion:113 Resp: 116617

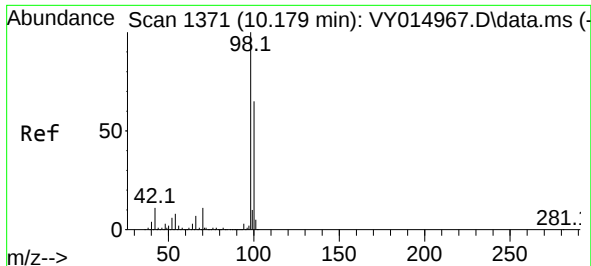
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 19.2 16.9 25.3

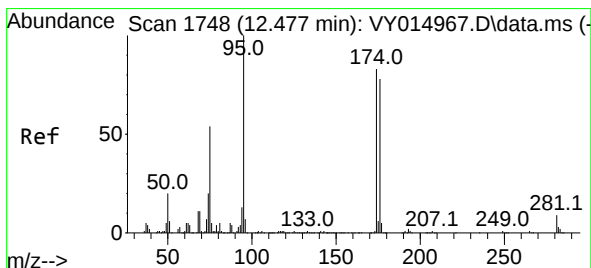
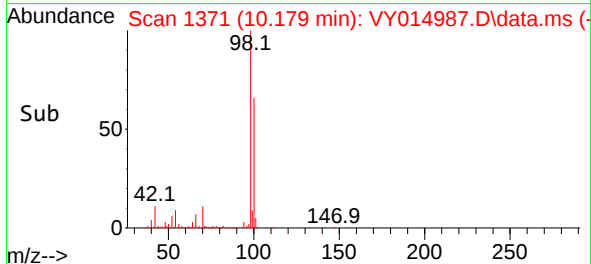
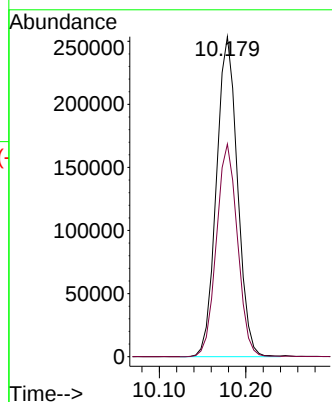
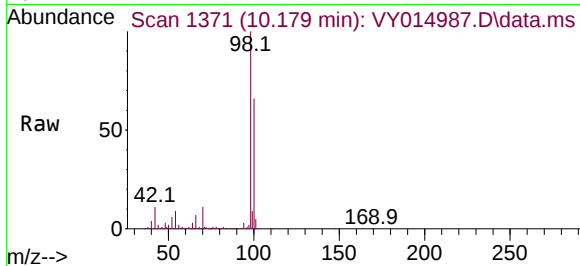




#50
Toluene-d8
Concen: 49.112 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014987.D
Acq: 08 Aug 2023 15:59

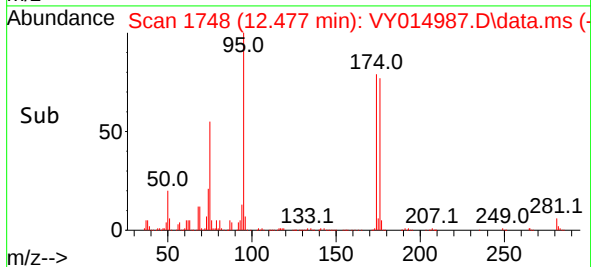
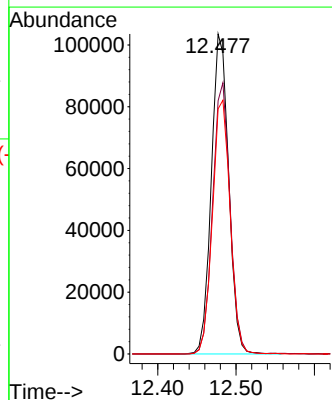
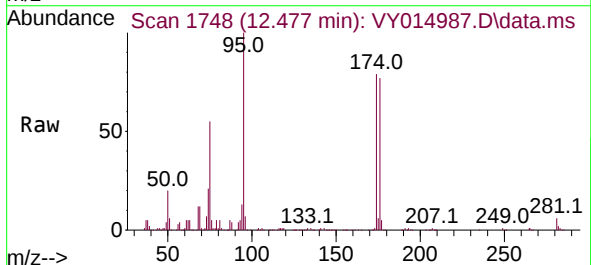
Instrument :
MSVOA_Y
ClientSampleId :
TP-38

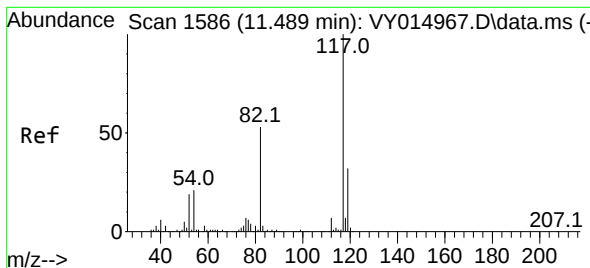
Tgt Ion: 98 Resp: 428020
Ion Ratio Lower Upper
98 100
100 66.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.524 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014987.D
Acq: 08 Aug 2023 15:59

Tgt Ion: 95 Resp: 159149
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014987.D

Acq: 08 Aug 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-38

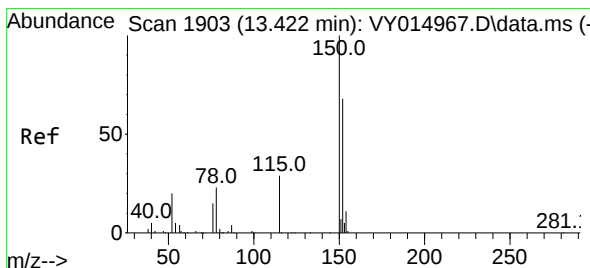
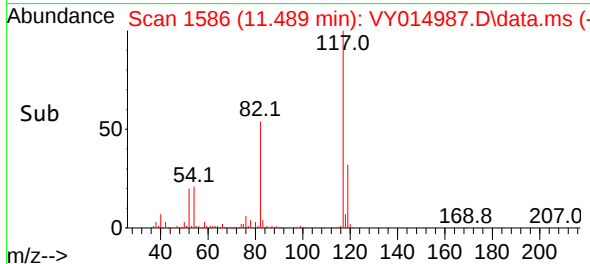
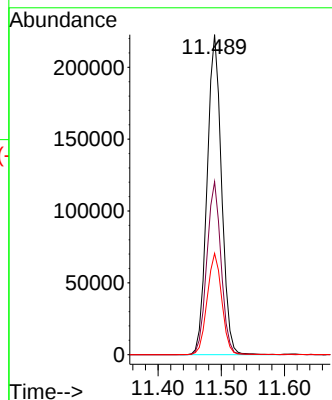
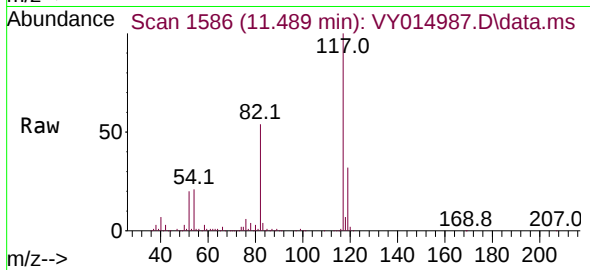
Tgt Ion:117 Resp: 353663

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.6 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: VY014987.D

Acq: 08 Aug 2023 15:59

Tgt Ion:152 Resp: 167256

Ion Ratio Lower Upper

152 100

115 59.7 28.8 86.5

150 158.7 0.0 348.8

