

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014199.D
 Acq On : 15 Jun 2023 19:00
 Operator : KP/MD
 Sample : 03139-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Jun 16 02:12:23 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	7.789	168	227284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	409940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	440542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	211650	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	164555	51.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.980%
35) Dibromofluoromethane	7.716	113	138024	47.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.960%
50) Toluene-d8	10.179	98	525687	48.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.483	95	192505	49.860	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.720%

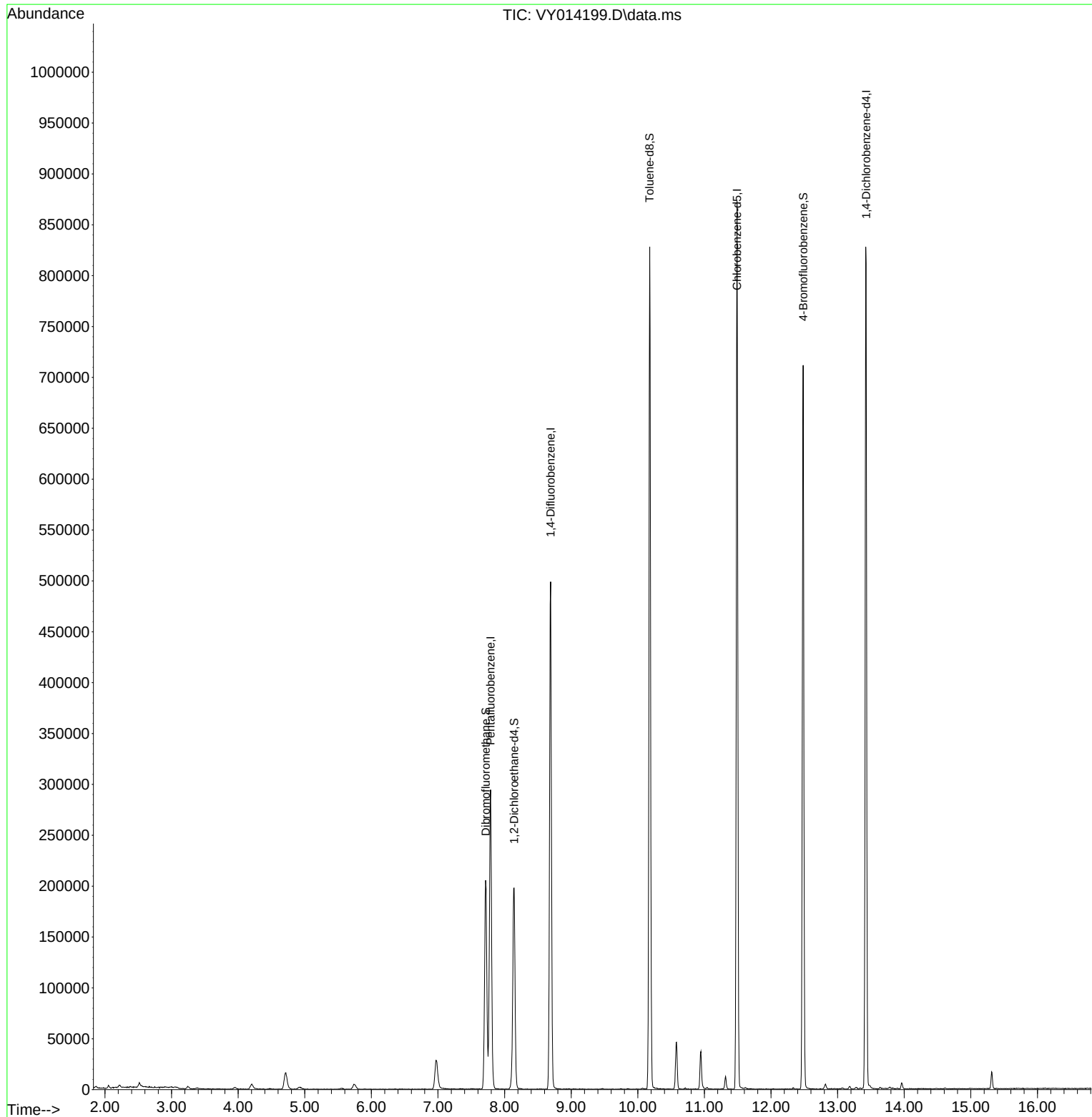
Target Compounds	Qvalue

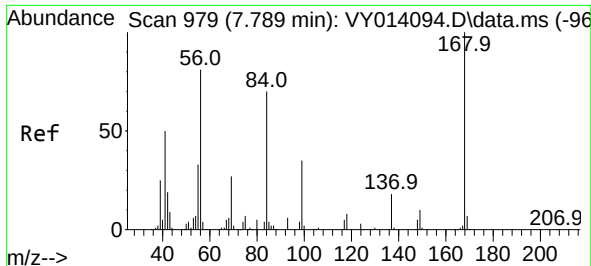
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
Data File : VY014199.D
Acq On : 15 Jun 2023 19:00
Operator : KP/MD
Sample : 03139-02
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Jun 16 02:12:23 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

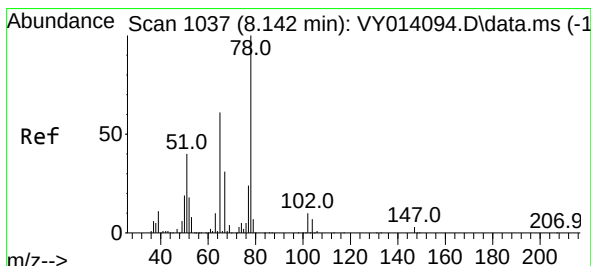
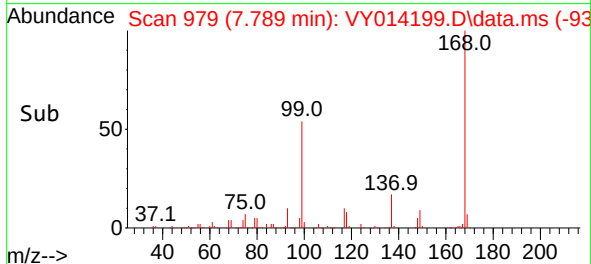
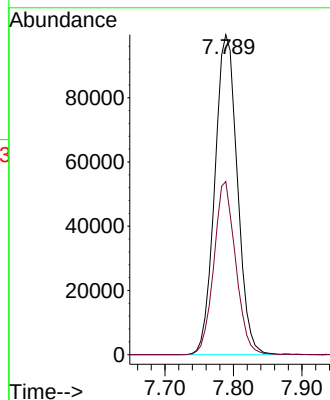
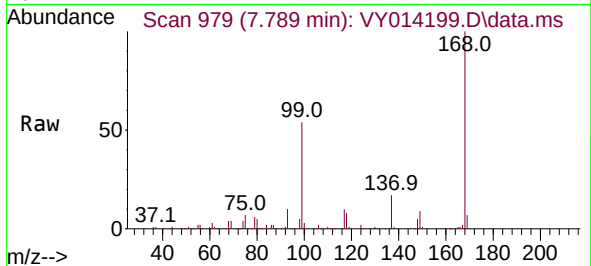




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014199.D
Acq: 15 Jun 2023 19:00

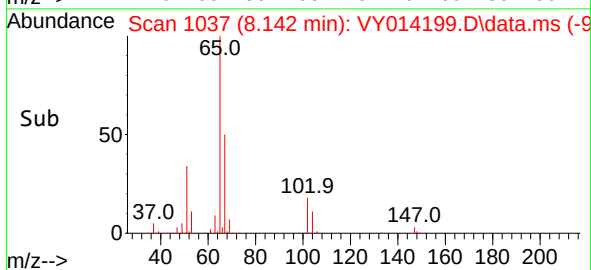
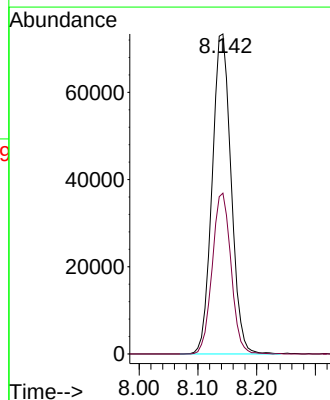
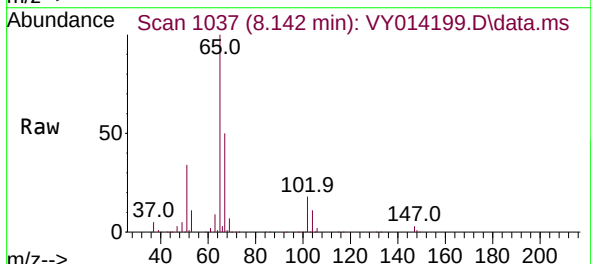
Instrument :
MSVOA_Y
ClientSampleId :
VOC

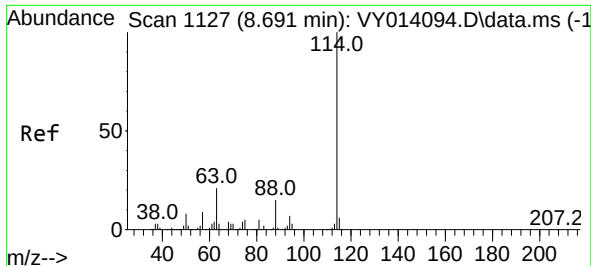
Tgt Ion:168 Resp: 227284
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.993 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014199.D
Acq: 15 Jun 2023 19:00

Tgt Ion: 65 Resp: 164555
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014199.D

Acq: 15 Jun 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VOC

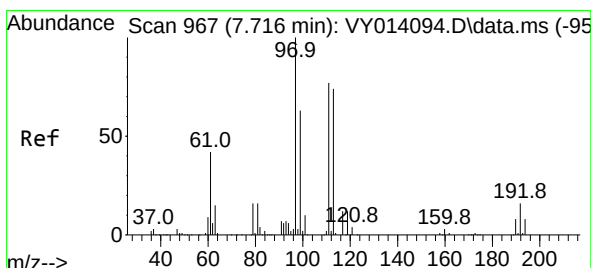
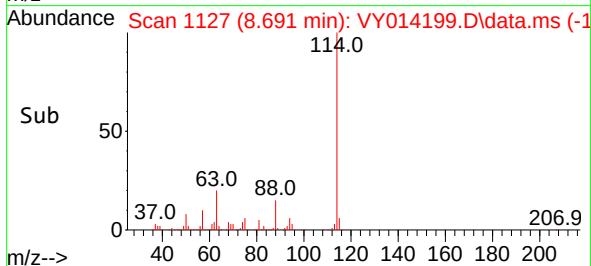
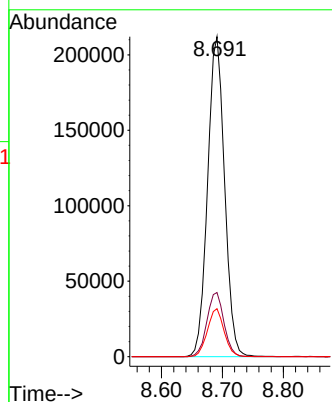
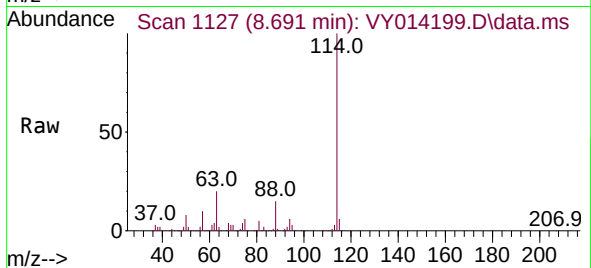
Tgt Ion:114 Resp: 409940

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.477 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014199.D

Acq: 15 Jun 2023 19:00

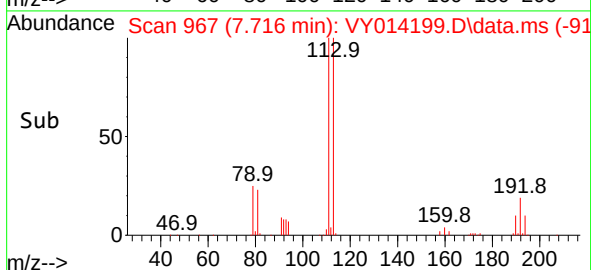
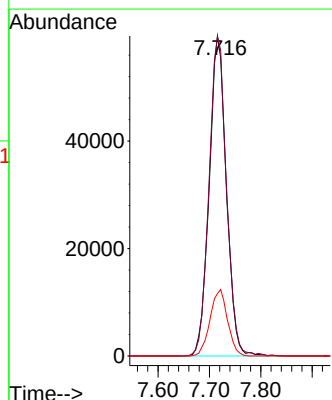
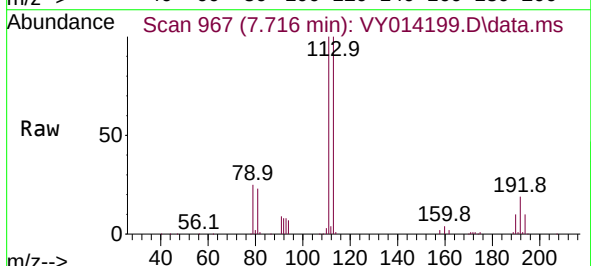
Tgt Ion:113 Resp: 138024

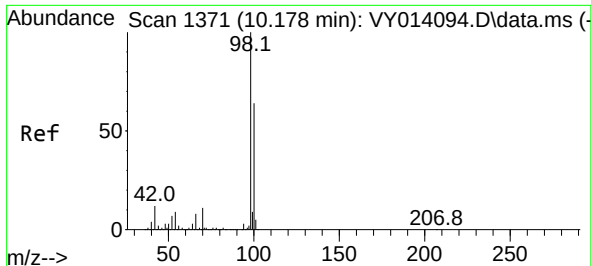
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 21.1 16.9 25.3

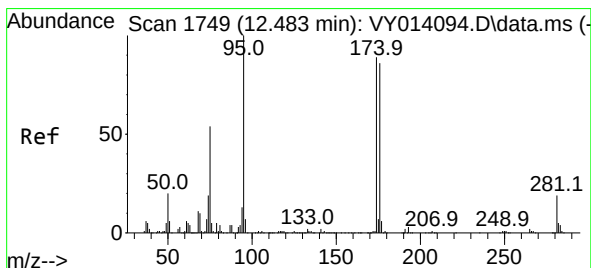
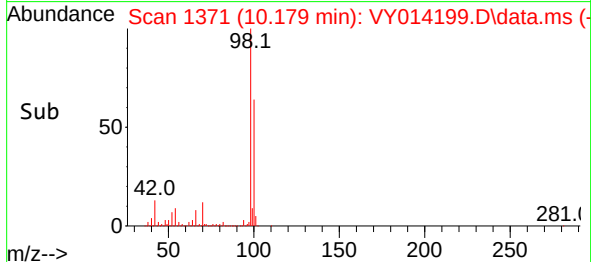
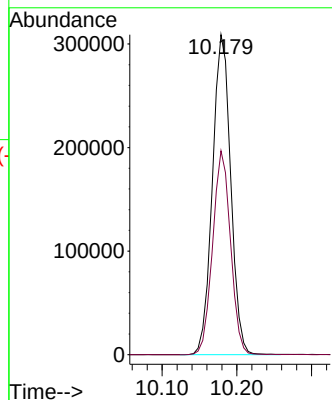
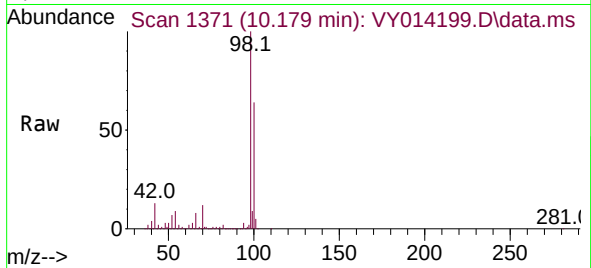




#50
Toluene-d8
Concen: 48.366 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014199.D
Acq: 15 Jun 2023 19:00

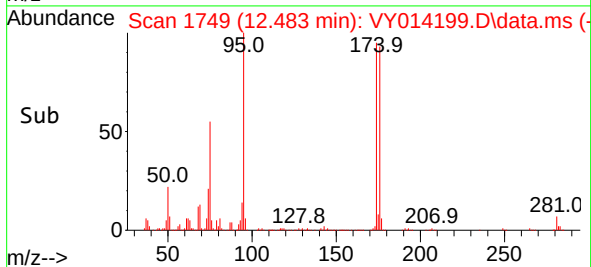
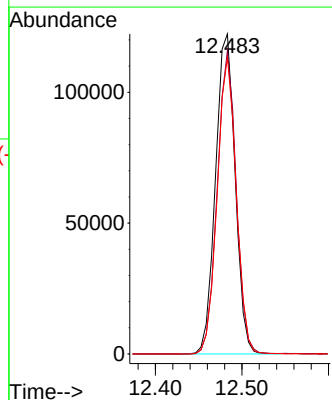
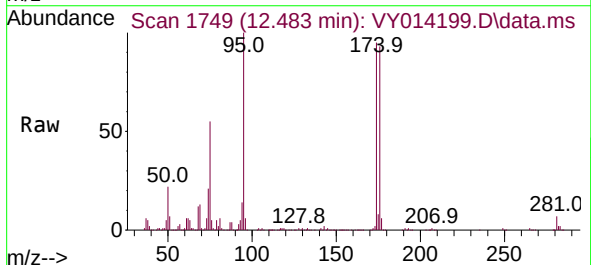
Instrument :
MSVOA_Y
ClientSampleId :
VOC

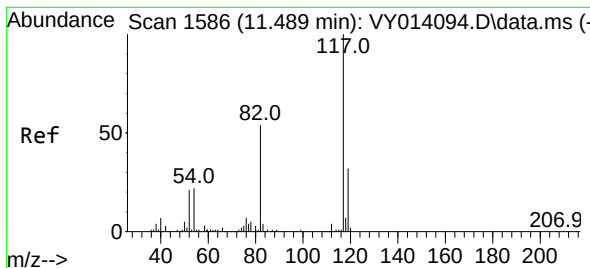
Tgt Ion: 98 Resp: 525687
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.860 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014199.D
Acq: 15 Jun 2023 19:00

Tgt Ion: 95 Resp: 192505
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 89.7 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: VY014199.D

Acq: 15 Jun 2023 19:00

Instrument :

MSVOA_Y

ClientSampleId :

VOC

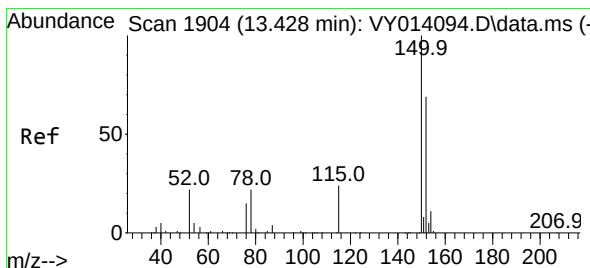
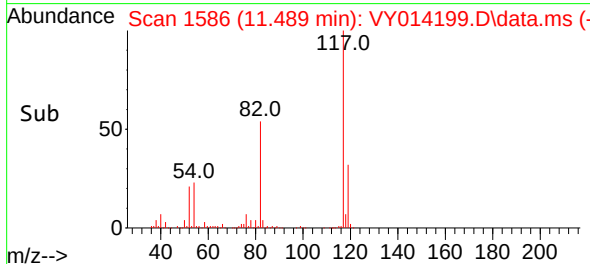
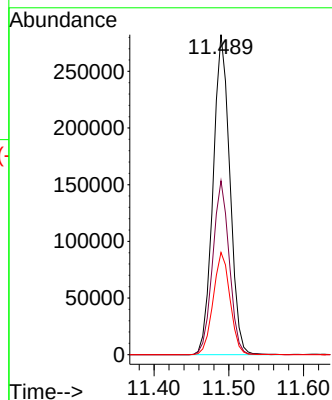
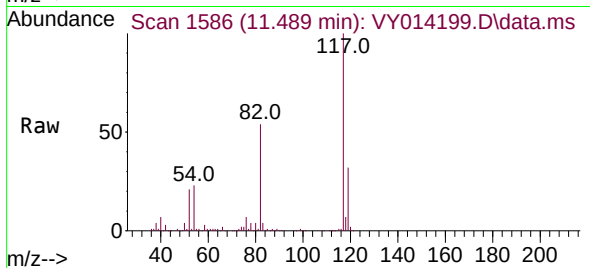
Tgt Ion:117 Resp: 440542

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 31.9 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: VY014199.D

Acq: 15 Jun 2023 19:00

Tgt Ion:152 Resp: 211650

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 156.8 0.0 348.8

