

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013304.D
 Acq On : 13 Apr 2023 18:26
 Operator : KP/MD
 Sample : 02224-13
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-12

Quant Time: Apr 14 03:01:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	153385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	247701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	107455	58.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.580%
35) Dibromofluoromethane	7.710	113	92939	54.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.440%
50) Toluene-d8	10.173	98	320787	50.739	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.477	95	97895	47.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.320%

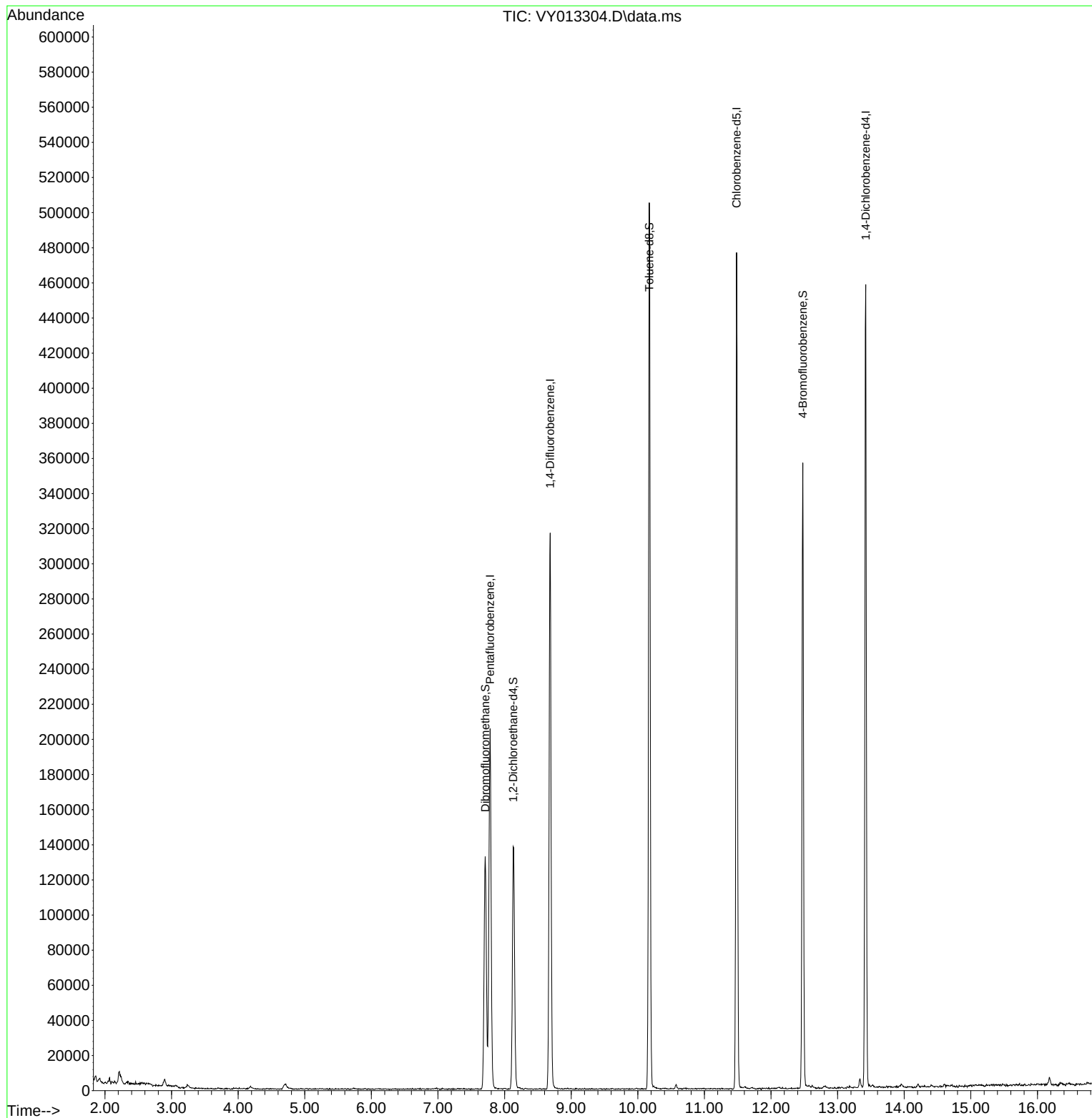
Target Compounds	Qvalue

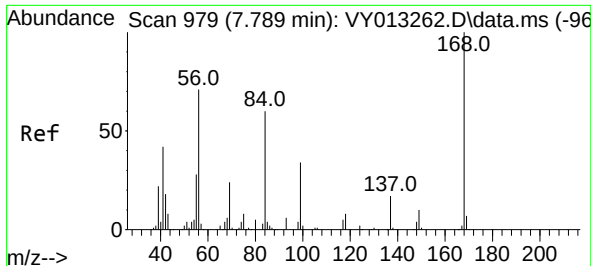
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
Data File : VY013304.D
Acq On : 13 Apr 2023 18:26
Operator : KP/MD
Sample : 02224-13
Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-12

Quant Time: Apr 14 03:01:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

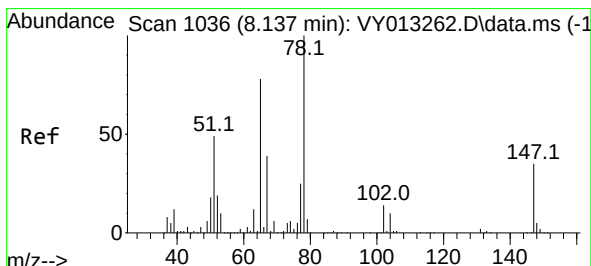
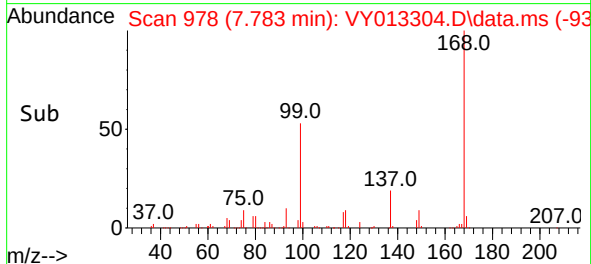
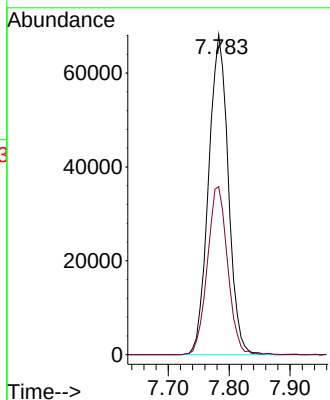
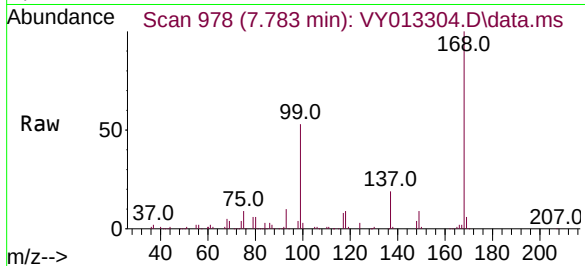




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013304.D
Acq: 13 Apr 2023 18:26

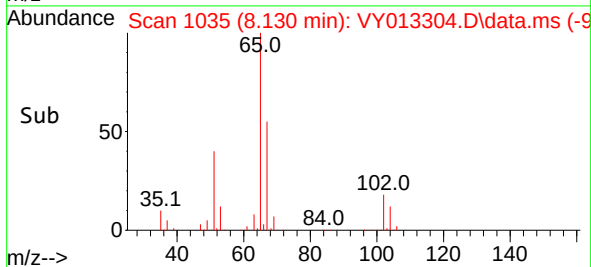
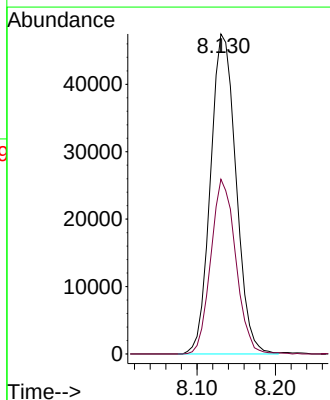
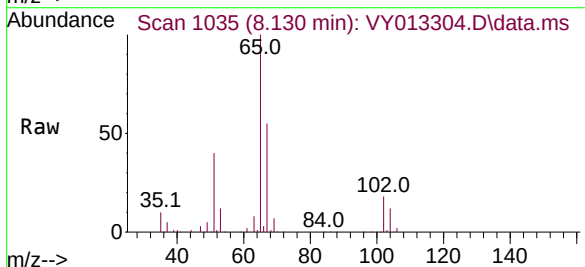
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-12

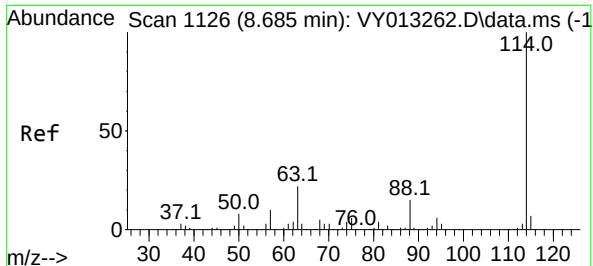
Tgt Ion:168 Resp: 153385
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 58.294 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013304.D
Acq: 13 Apr 2023 18:26

Tgt Ion: 65 Resp: 107455
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013304.D

Acq: 13 Apr 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

OU3-FC-BACKFILL-12

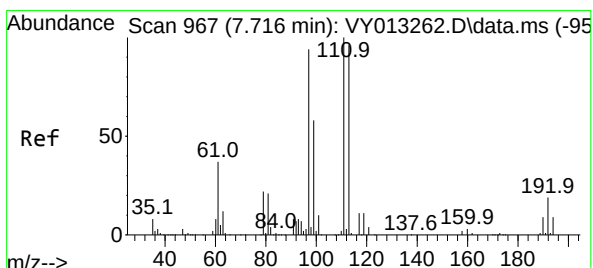
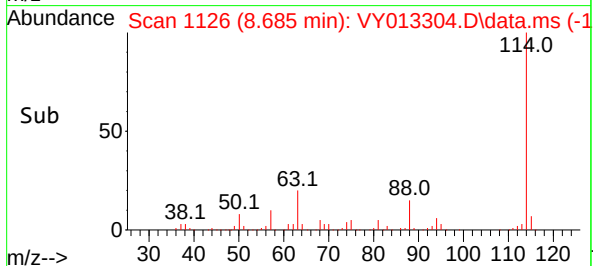
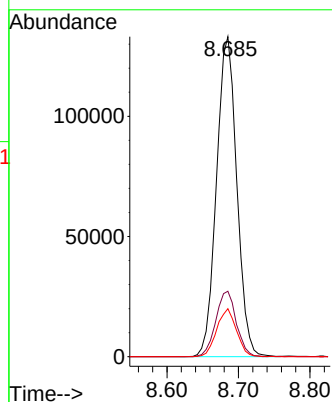
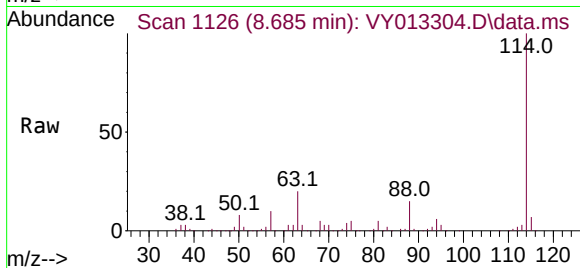
Tgt Ion:114 Resp: 262367

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.717 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013304.D

Acq: 13 Apr 2023 18:26

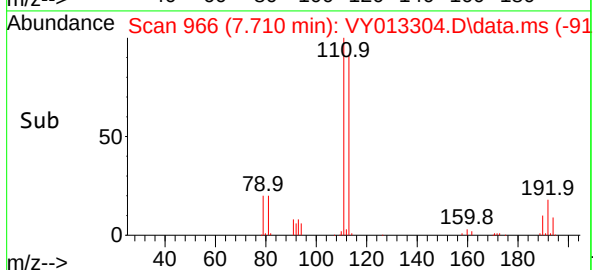
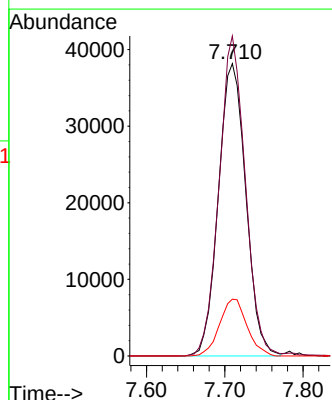
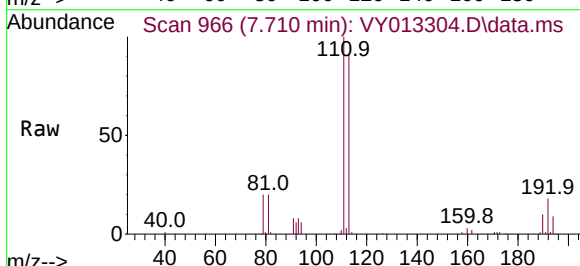
Tgt Ion:113 Resp: 92939

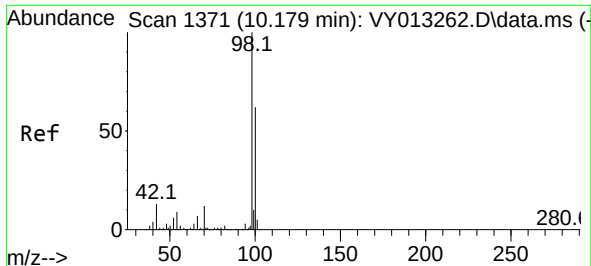
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.2

192 19.5 16.8 25.2

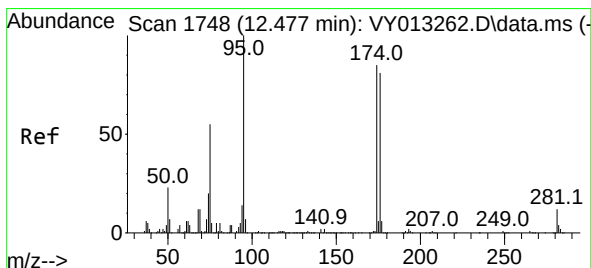
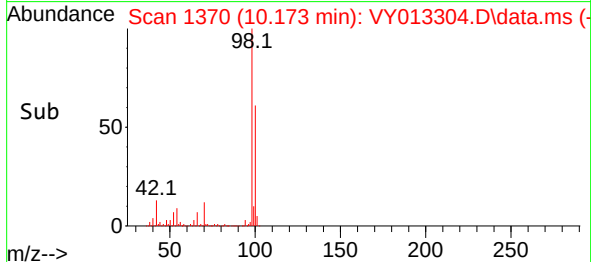
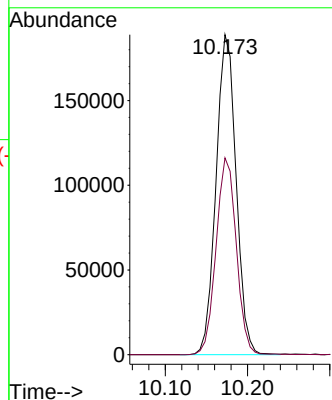
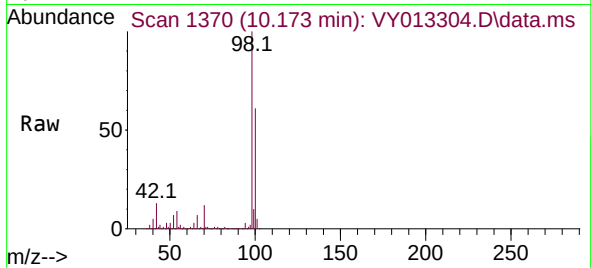




#50
Toluene-d8
Concen: 50.739 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013304.D
Acq: 13 Apr 2023 18:26

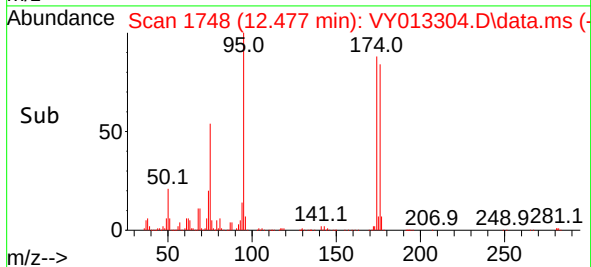
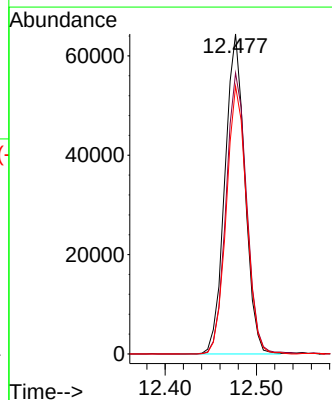
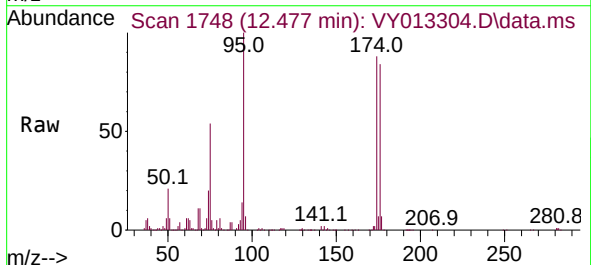
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-12

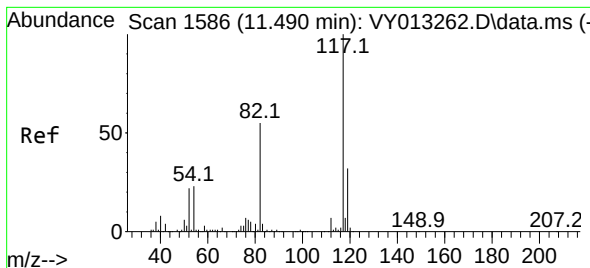
Tgt Ion: 98 Resp: 320787
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.656 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013304.D
Acq: 13 Apr 2023 18:26

Tgt Ion: 95 Resp: 97895
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 84.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013304.D

Acq: 13 Apr 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

OU3-FC-BACKFILL-12

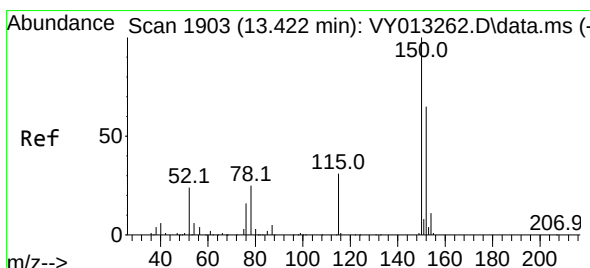
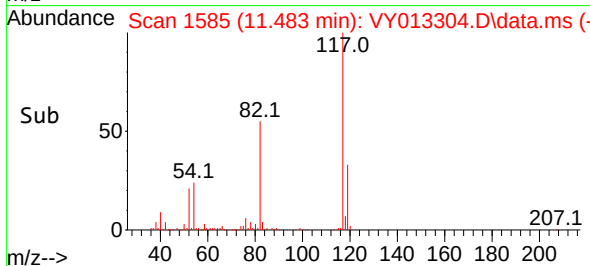
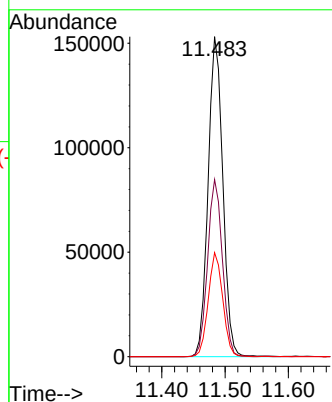
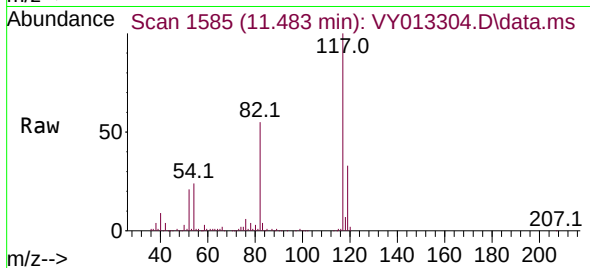
Tgt Ion:117 Resp: 247701

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.0

119 32.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013304.D

Acq: 13 Apr 2023 18:26

Tgt Ion:152 Resp: 116269

Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 153.7 0.0 347.8

