

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013306.D
 Acq On : 13 Apr 2023 19:13
 Operator : KP/MD
 Sample : 02224-27
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-14

Quant Time: Apr 14 03:02:02 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	176510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	234269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80913	38.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.280%
35) Dibromofluoromethane	7.710	113	87006	48.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.340%
50) Toluene-d8	10.173	98	340816	50.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.477	95	90212	41.297	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.600%

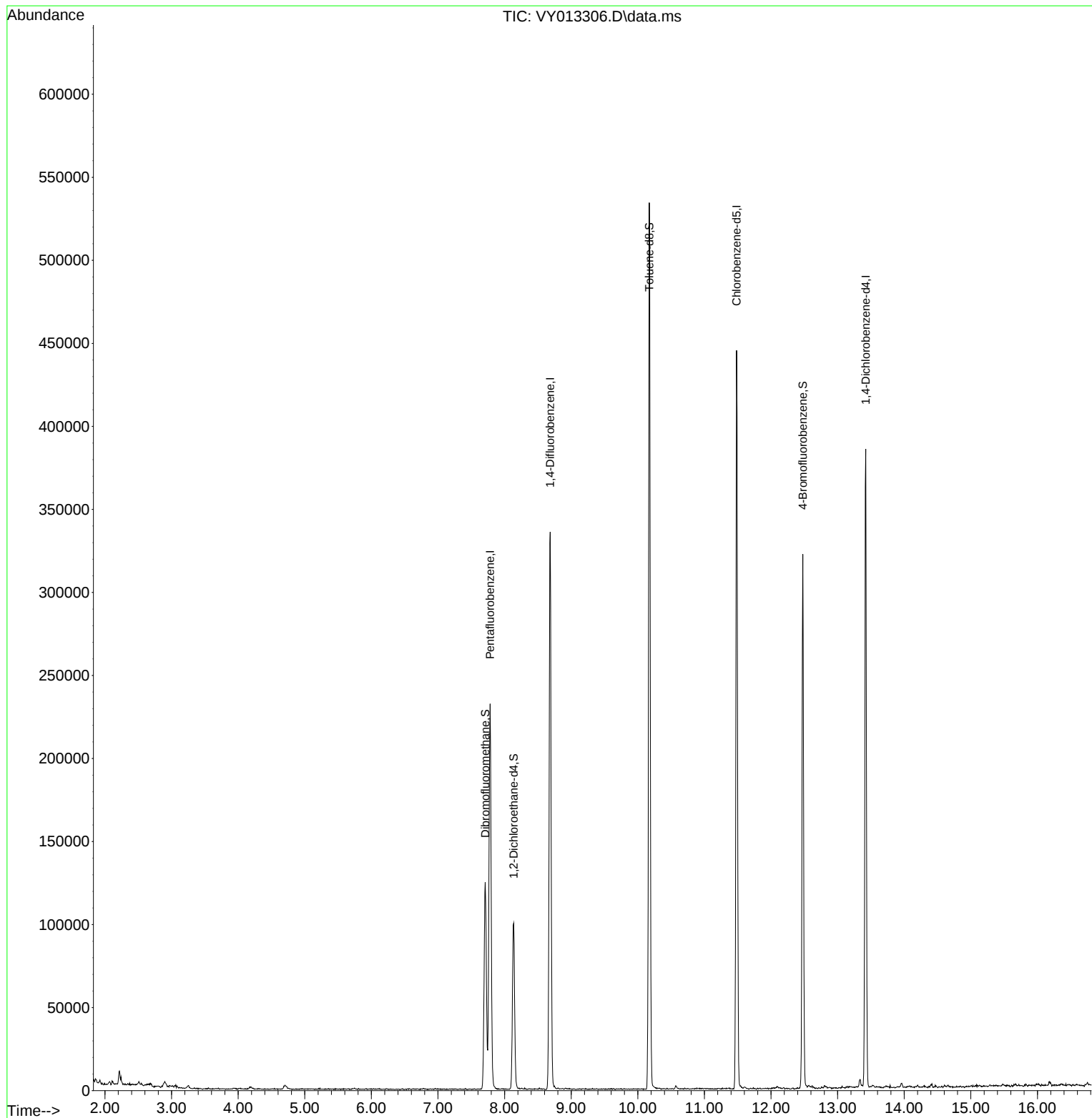
Target Compounds	Qvalue

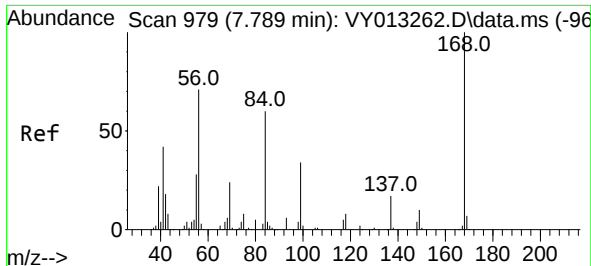
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
Data File : VY013306.D
Acq On : 13 Apr 2023 19:13
Operator : KP/MD
Sample : 02224-27
Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-14

Quant Time: Apr 14 03:02:02 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

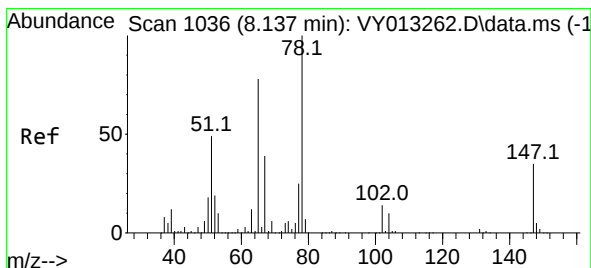
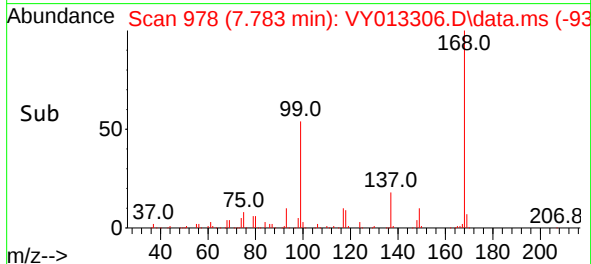
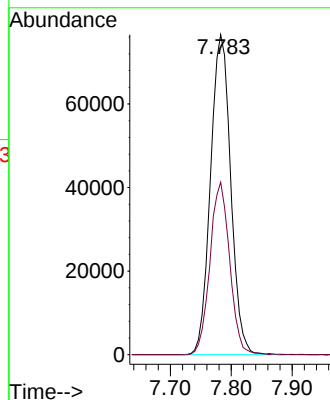
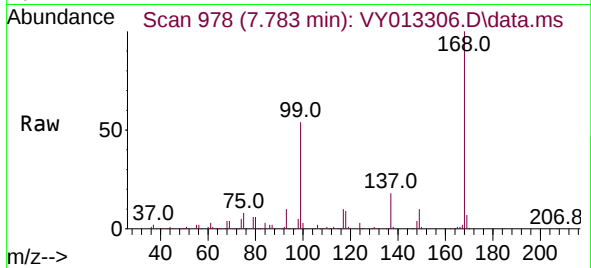




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

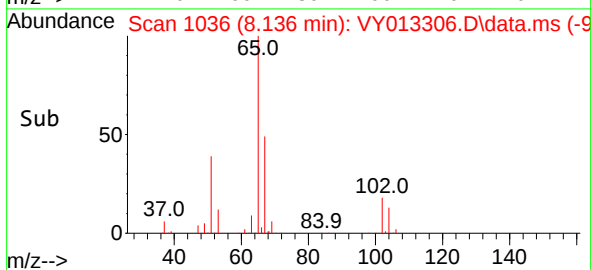
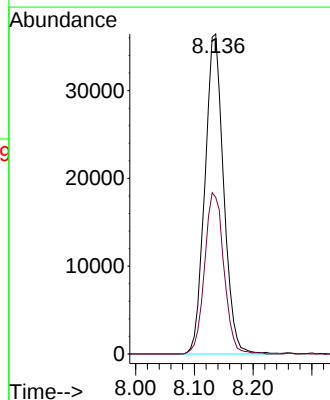
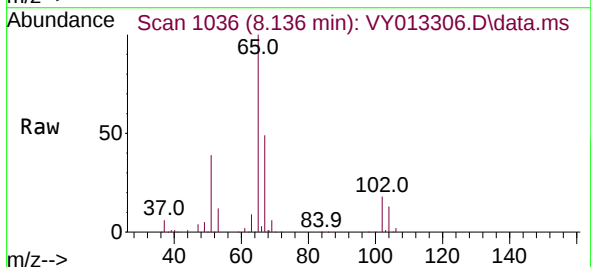
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-14

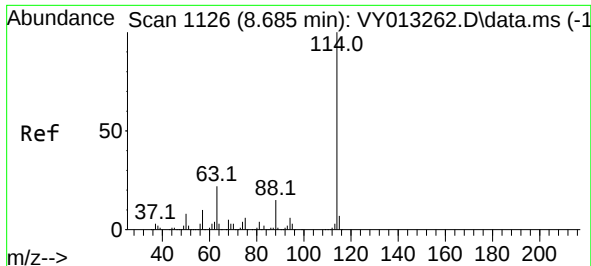
Tgt Ion:168 Resp: 176510
Ion Ratio Lower Upper
168 100
99 53.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 38.144 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

Tgt Ion: 65 Resp: 80913
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

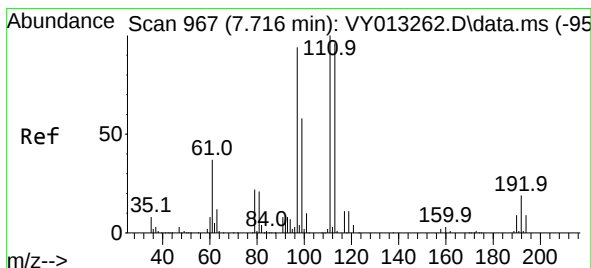
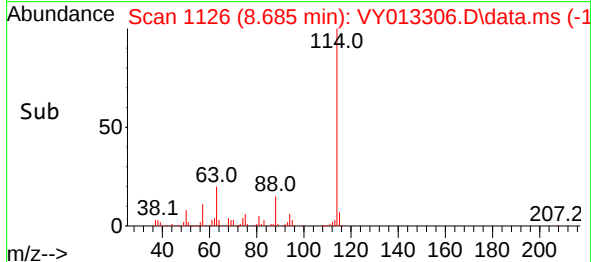
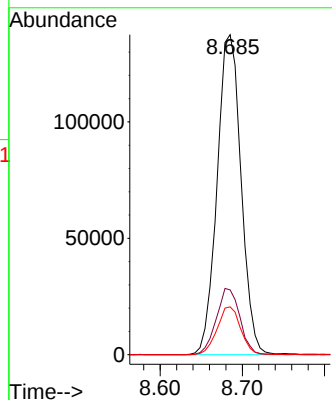
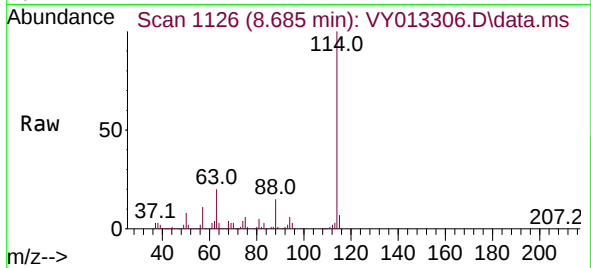




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

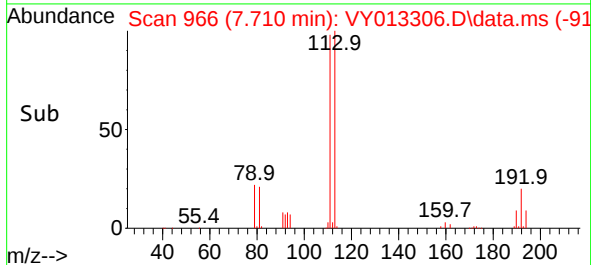
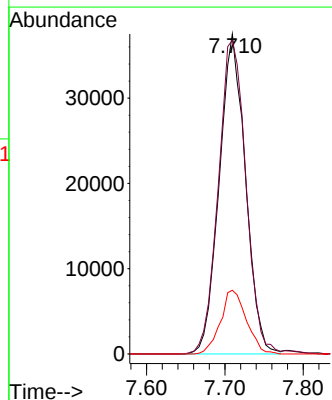
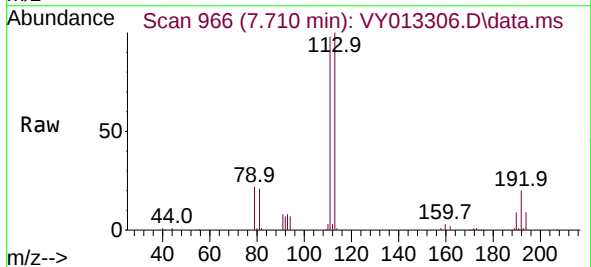
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-14

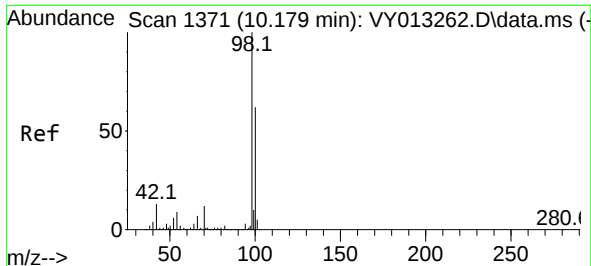
Tgt Ion:114 Resp: 279008
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 15.0 0.0 28.6



#35
Dibromofluoromethane
Concen: 48.169 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

Tgt Ion:113 Resp: 87006
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 19.8 16.8 25.2

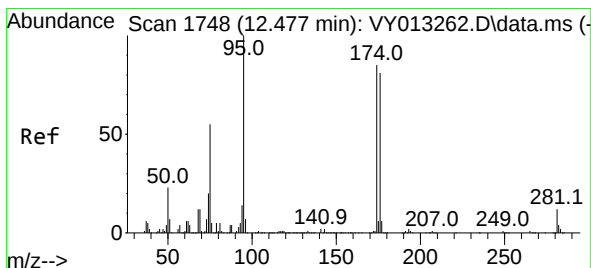
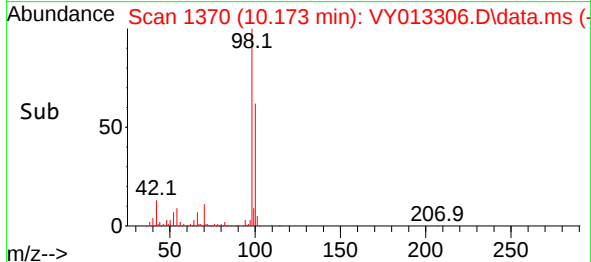
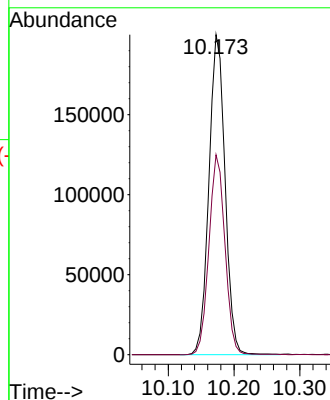
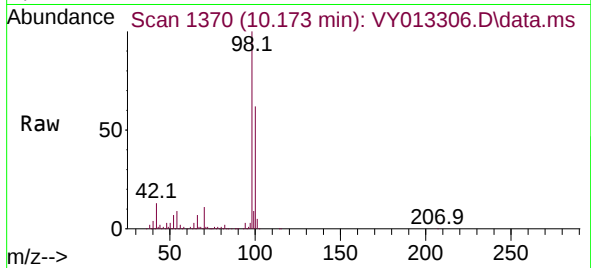




#50
Toluene-d8
Concen: 50.692 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

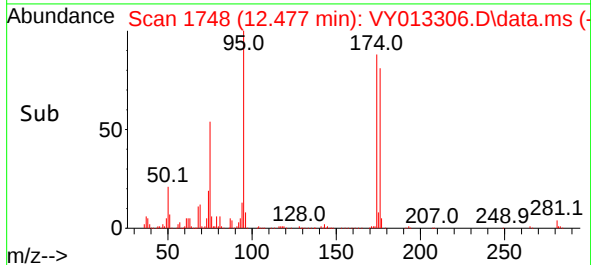
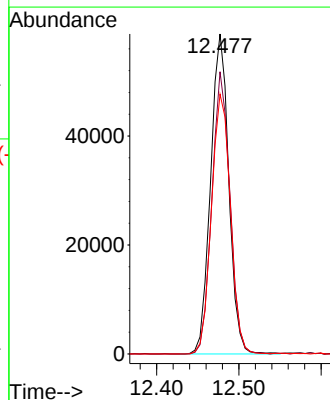
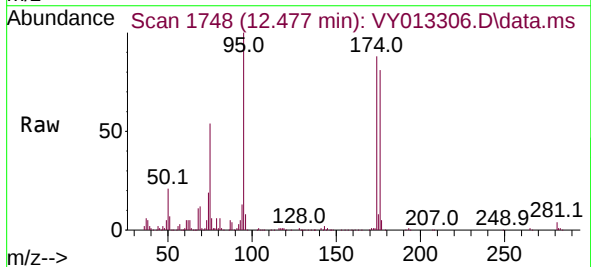
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-14

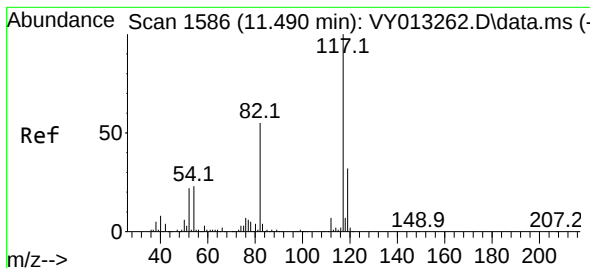
Tgt Ion: 98 Resp: 340816
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 41.297 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013306.D
Acq: 13 Apr 2023 19:13

Tgt Ion: 95 Resp: 90212
Ion Ratio Lower Upper
95 100
174 87.4 0.0 176.6
176 84.6 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: VY013306.D

Acq: 13 Apr 2023 19:13

Instrument :

MSVOA_Y

ClientSampleId :

OU3-FC-BACKFILL-14

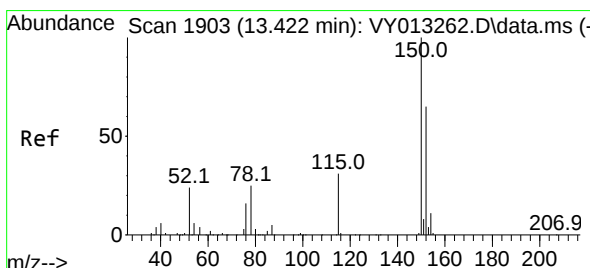
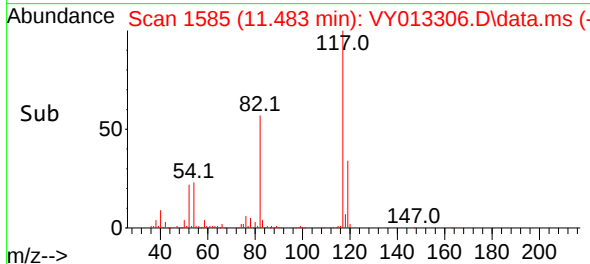
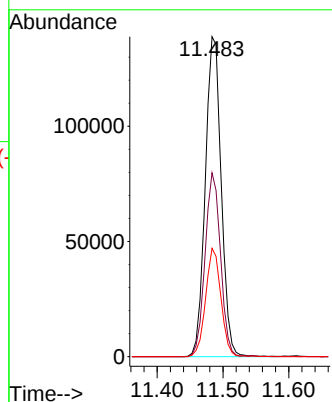
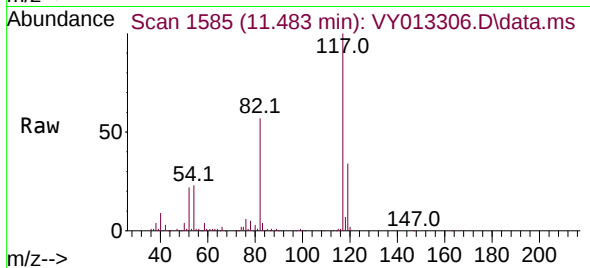
Tgt Ion:117 Resp: 234269

Ion Ratio Lower Upper

117 100

82 57.5 45.4 68.0

119 33.9 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: VY013306.D

Acq: 13 Apr 2023 19:13

Tgt Ion:152 Resp: 98020

Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.3

150 159.1 0.0 347.8

