

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013300.D
 Acq On : 13 Apr 2023 16:52
 Operator : KP/MD
 Sample : 02224-15
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-08

Quant Time: Apr 14 03:01:10 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	181190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	305829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	285228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	125522	57.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.300%
35) Dibromofluoromethane	7.703	113	107831	54.462	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.920%
50) Toluene-d8	10.173	98	379971	51.559	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.477	95	117587	49.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.220%

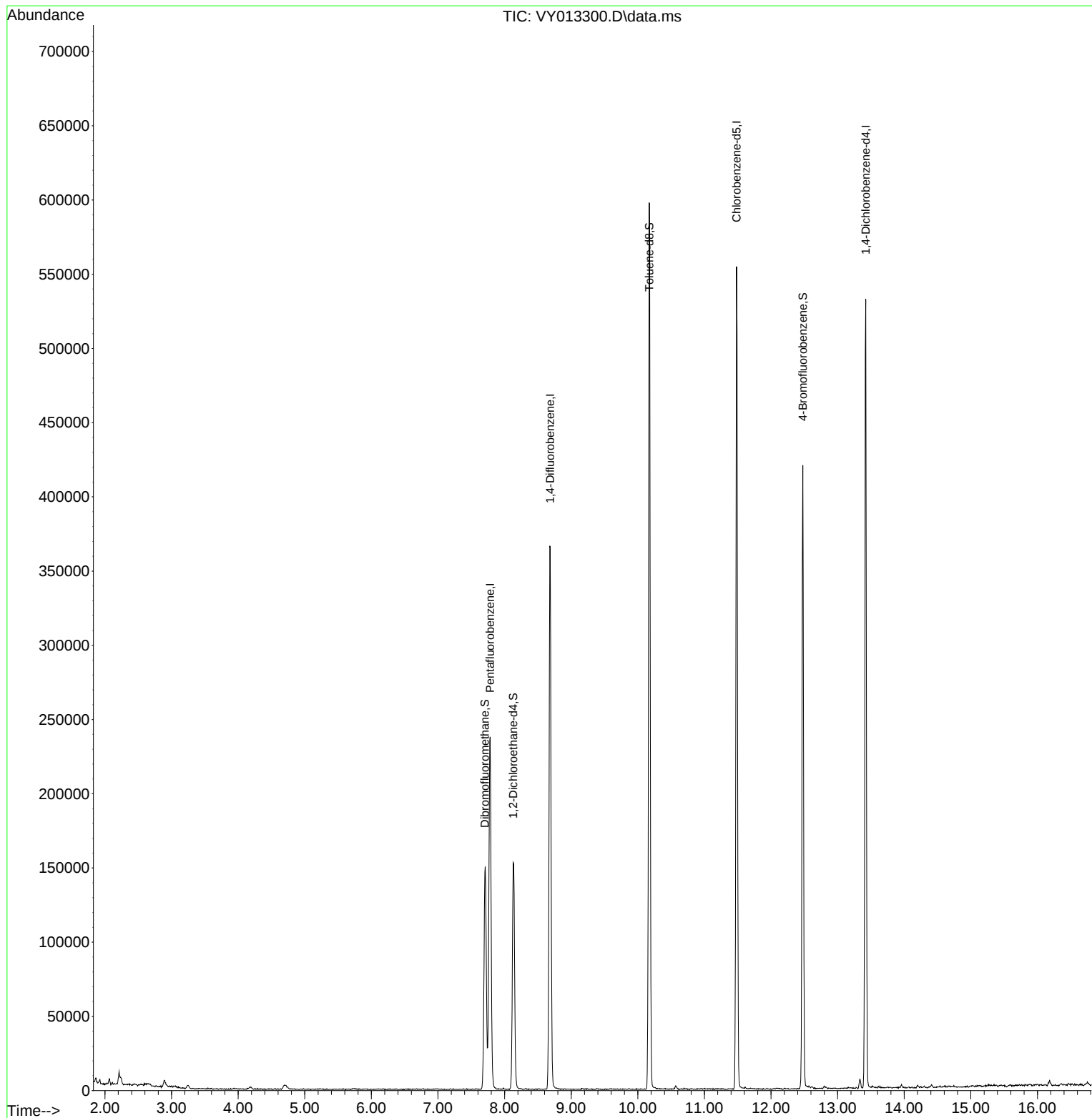
Target Compounds	Qvalue

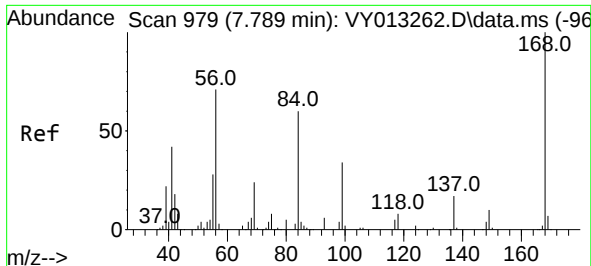
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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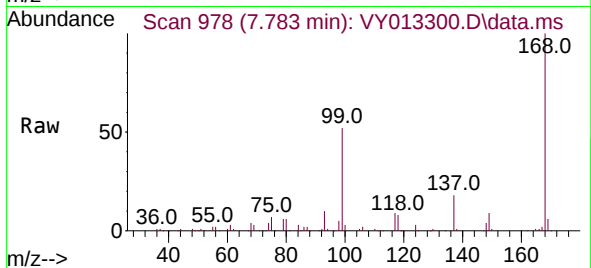
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Quant Title : SW846 8260
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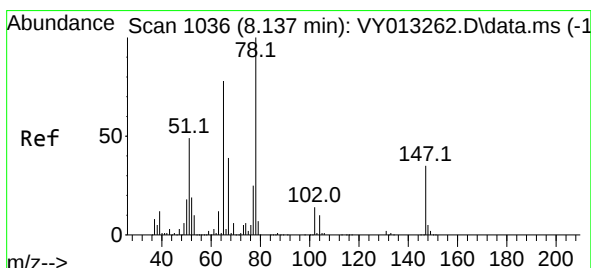
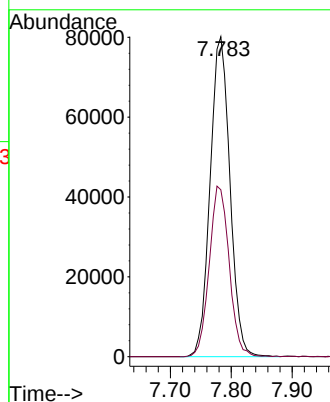
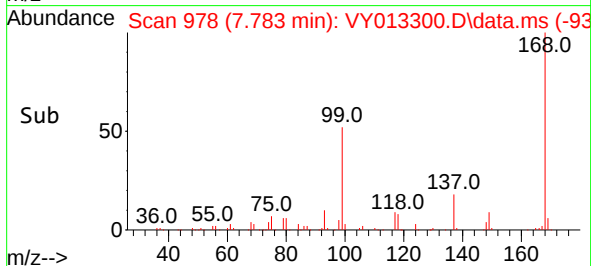


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013300.D
Acq: 13 Apr 2023 16:52

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-08

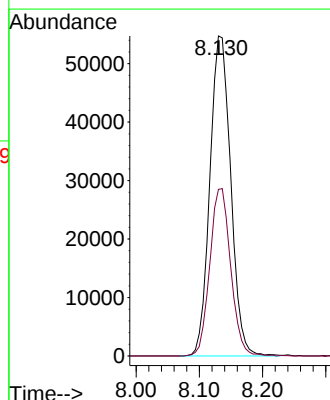
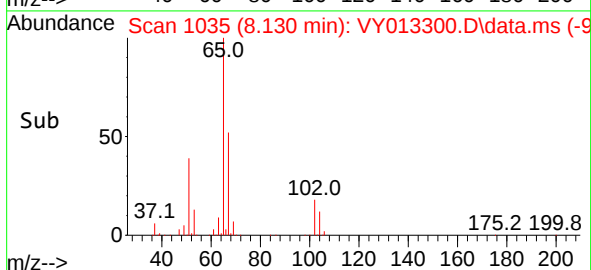
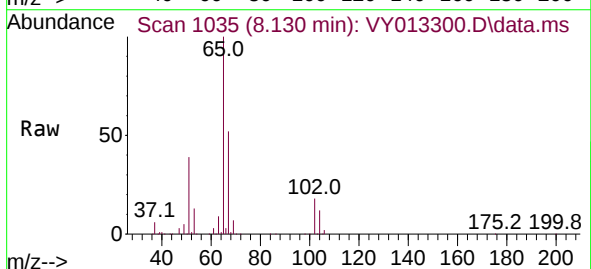


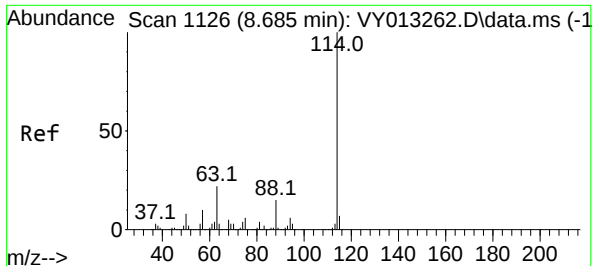
Tgt Ion:168 Resp: 181190
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 57.645 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013300.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 65 Resp: 125522
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

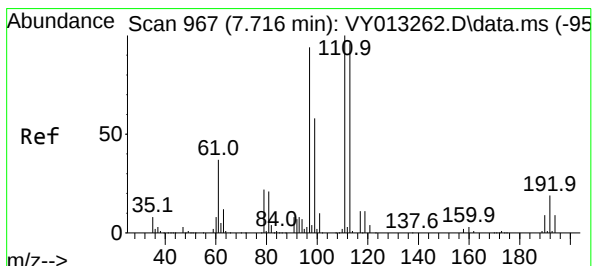
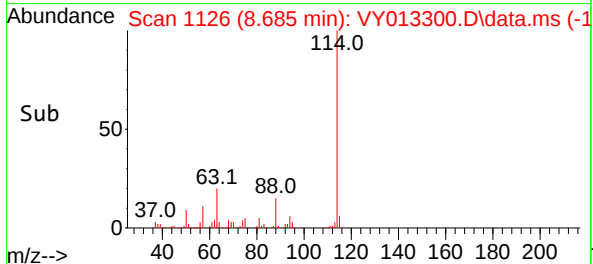
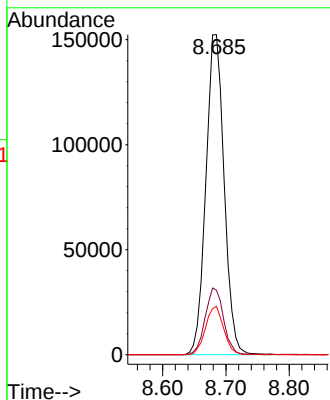
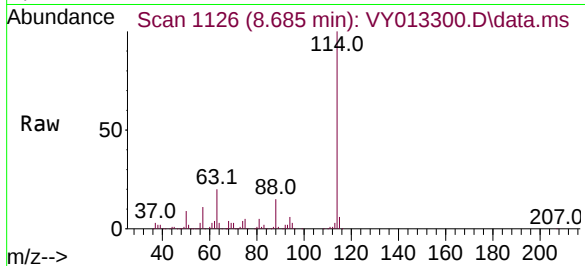




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013300.D
Acq: 13 Apr 2023 16:52

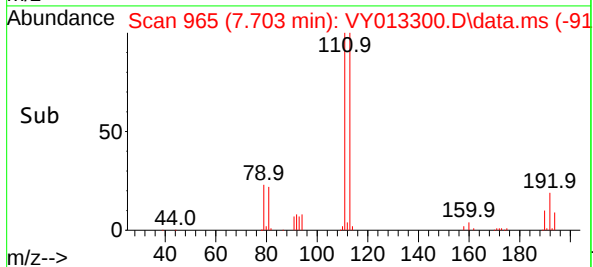
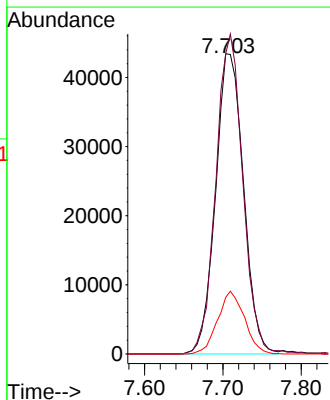
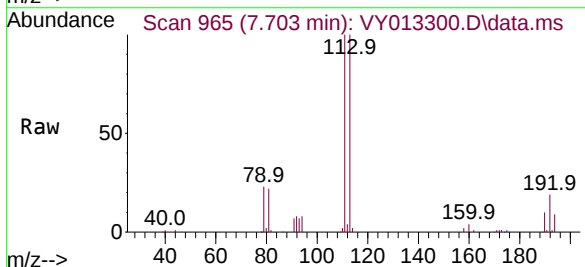
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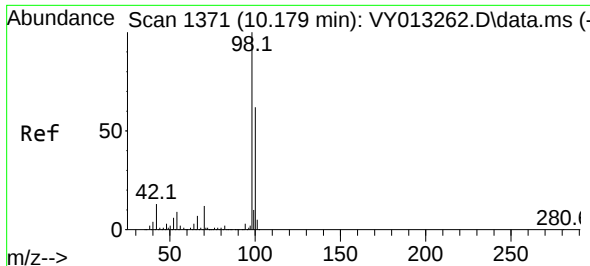
Tgt Ion:114 Resp: 305829
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 15.1 0.0 28.6



#35
Dibromofluoromethane
Concen: 54.462 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY013300.D
Acq: 13 Apr 2023 16:52

Tgt Ion:113 Resp: 107831
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.0 16.8 25.2

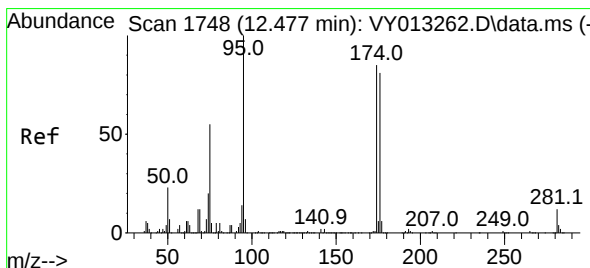
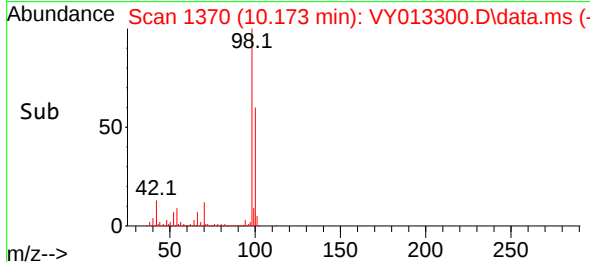
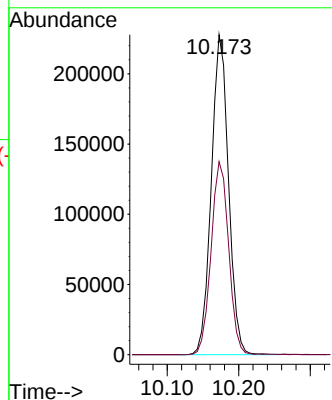
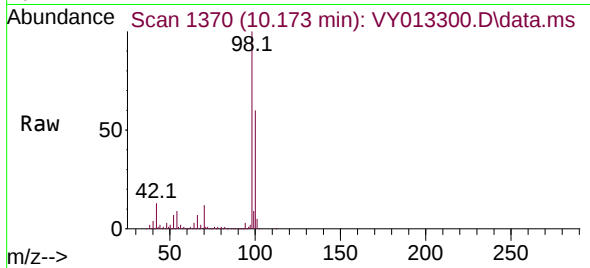




#50
Toluene-d8
Concen: 51.559 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013300.D
Acq: 13 Apr 2023 16:52

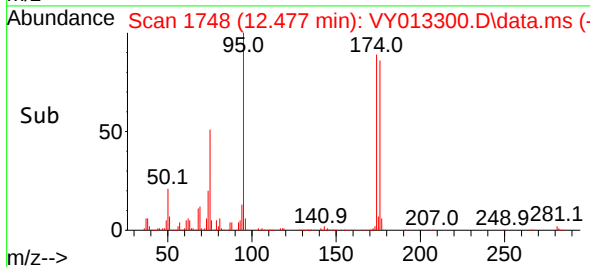
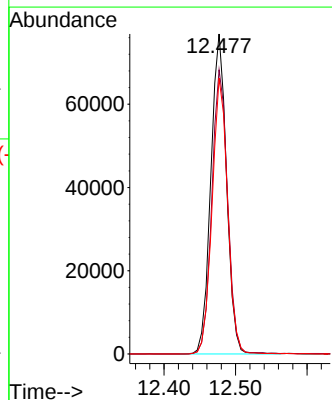
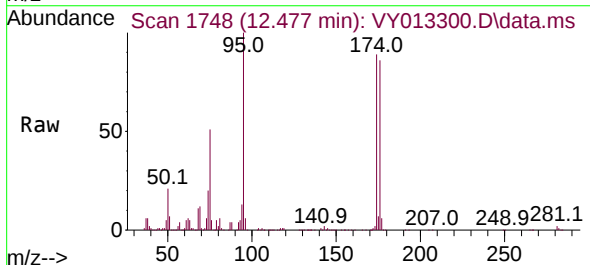
Instrument :
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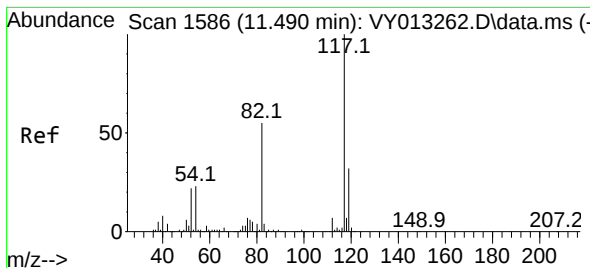
Tgt Ion: 98 Resp: 379971
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.107 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013300.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 95 Resp: 117587
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 85.0 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: VY013300.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

OU3-FC-BACKFILL-08

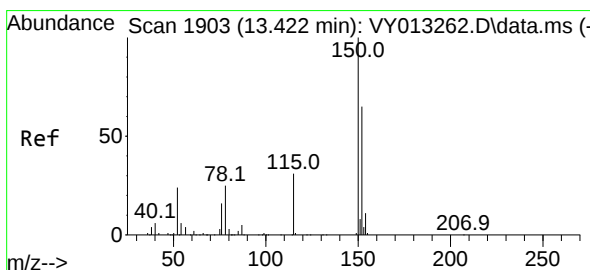
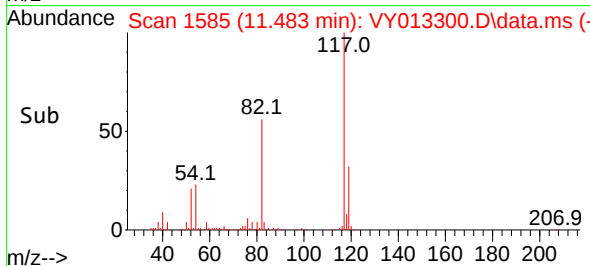
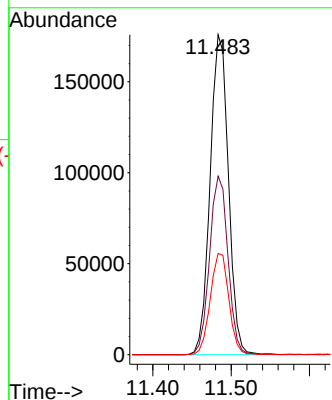
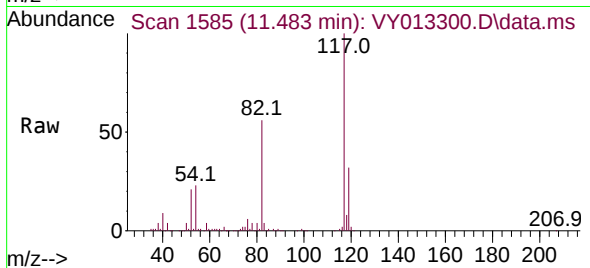
Tgt Ion:117 Resp: 285228

Ion Ratio Lower Upper

117 100

82 55.8 45.4 68.0

119 31.6 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: VY013300.D

Acq: 13 Apr 2023 16:52

Tgt Ion:152 Resp: 132157

Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

150 156.5 0.0 347.8

