

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013295.D
 Acq On : 13 Apr 2023 14:55
 Operator : KP/MD
 Sample : 02224-05
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-03

Quant Time: Apr 14 03:00:25 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	169707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	291178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	279161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126436	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123303	60.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.920%
35) Dibromofluoromethane	7.710	113	104274	55.316	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.640%
50) Toluene-d8	10.173	98	362063	51.601	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.477	95	114741	50.330	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.660%

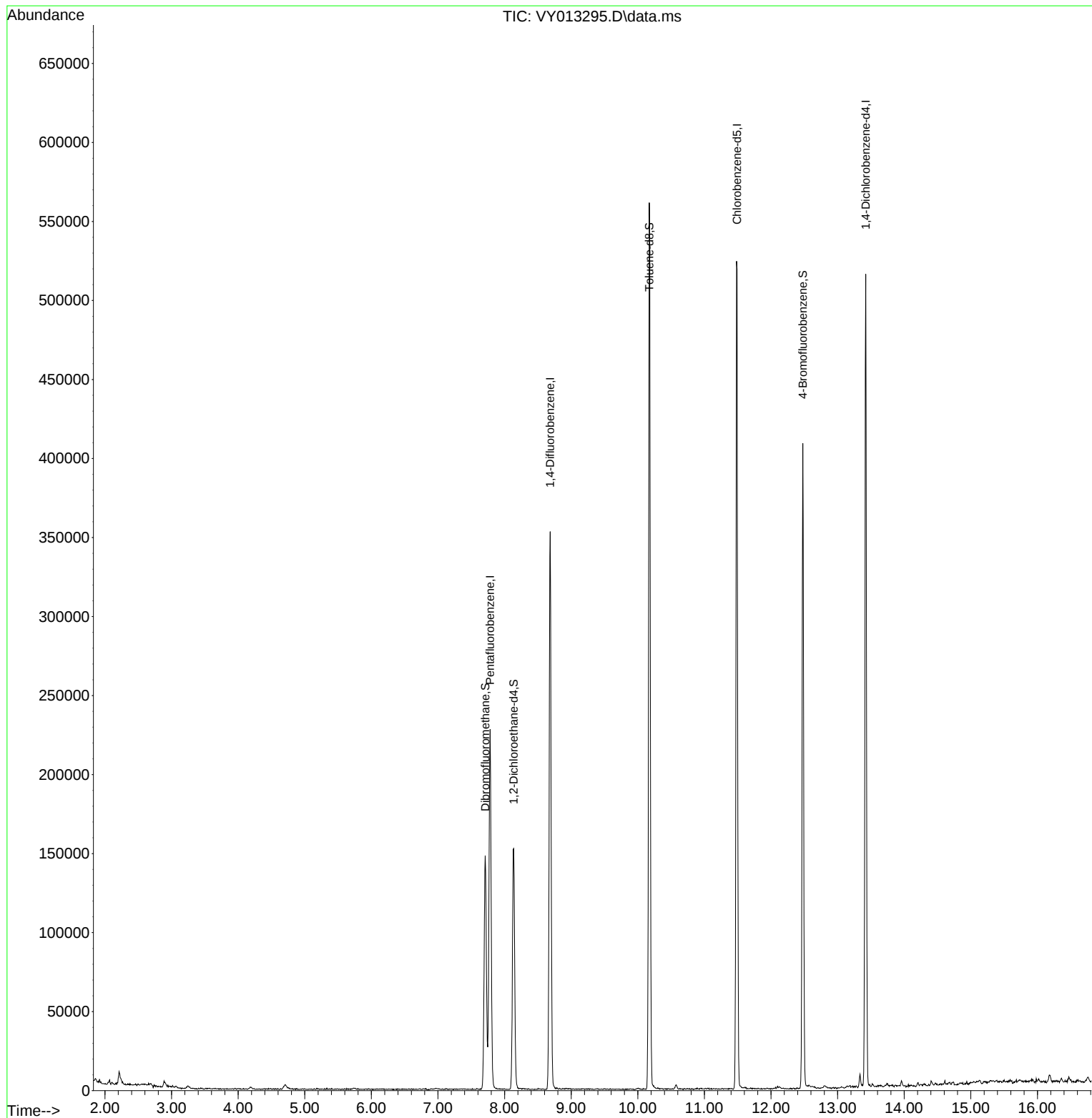
Target Compounds	Qvalue

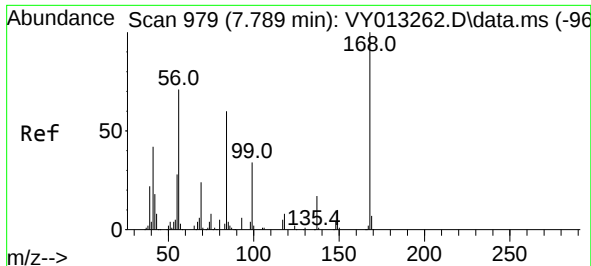
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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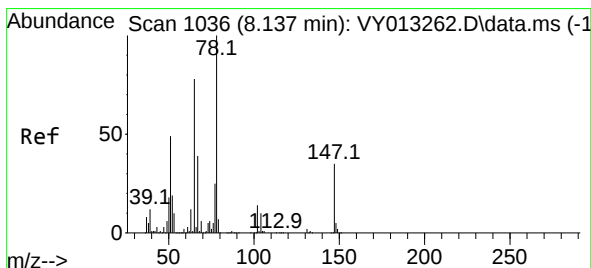
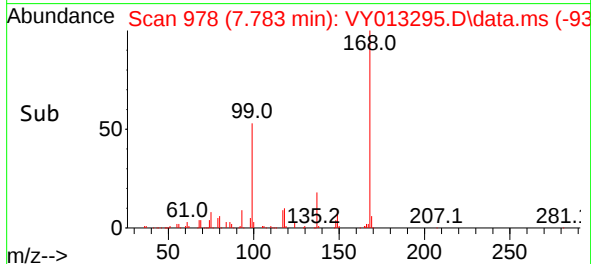
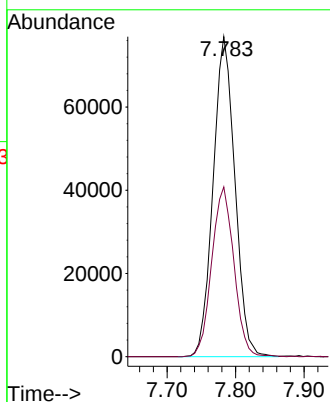
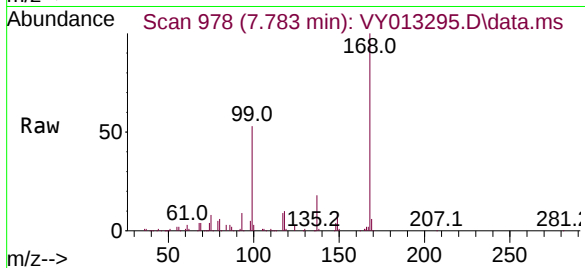




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013295.D
Acq: 13 Apr 2023 14:55

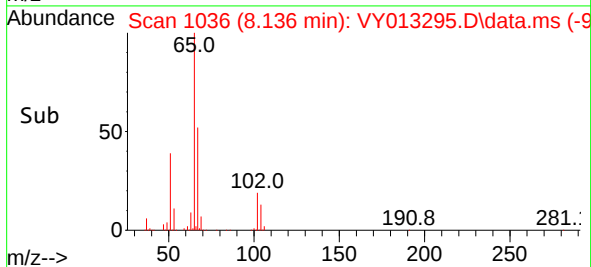
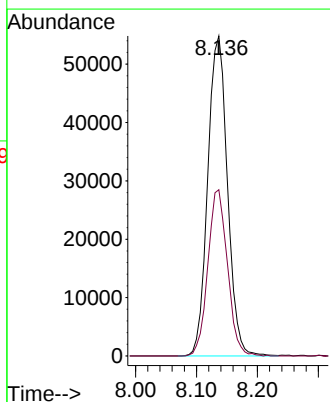
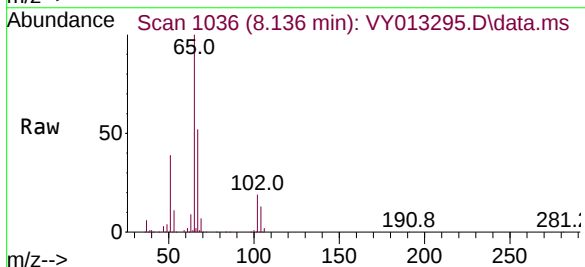
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-03

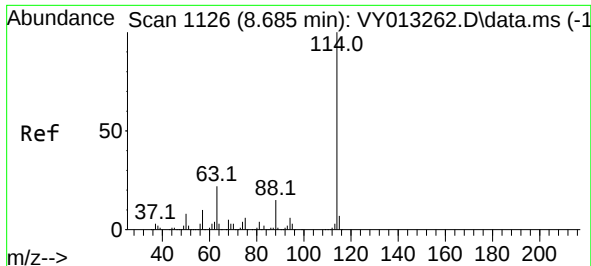
Tgt Ion:168 Resp: 169707
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 60.458 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013295.D
Acq: 13 Apr 2023 14:55

Tgt Ion: 65 Resp: 123303
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

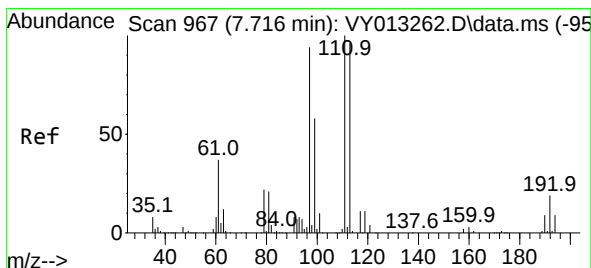
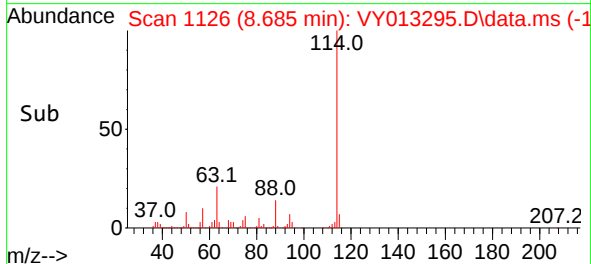
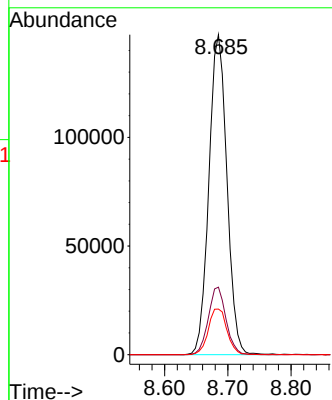
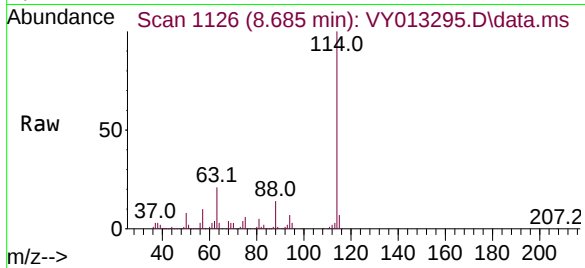




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013295.D
Acq: 13 Apr 2023 14:55

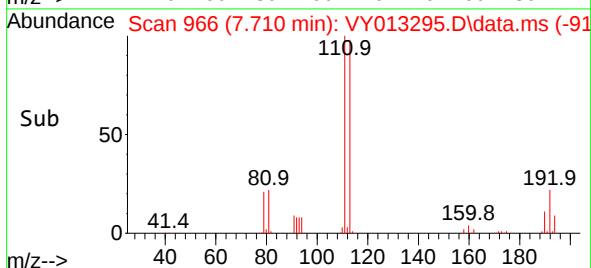
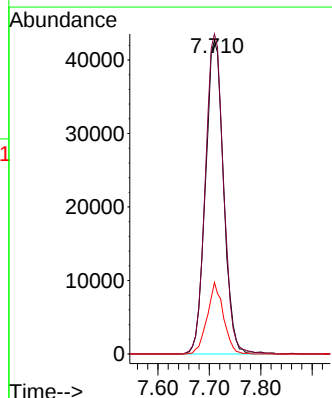
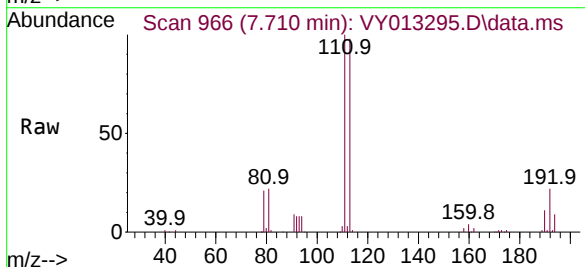
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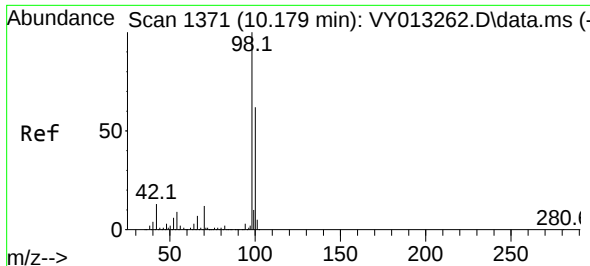
Tgt Ion:114 Resp: 291178
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.4
88 14.2 0.0 28.6



#35
Dibromofluoromethane
Concen: 55.316 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013295.D
Acq: 13 Apr 2023 14:55

Tgt Ion:113 Resp: 104274
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 20.5 16.8 25.2

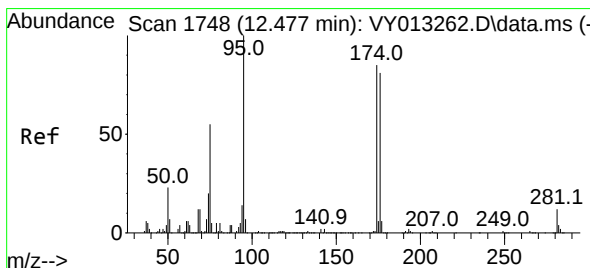
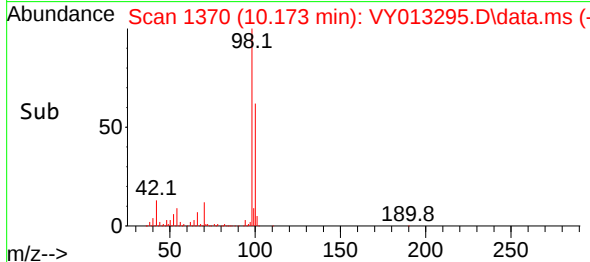
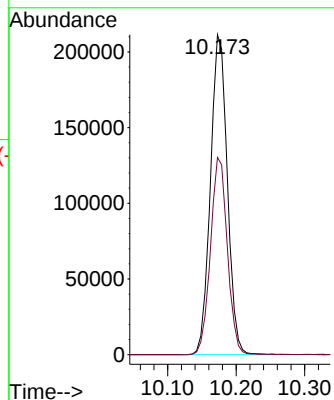
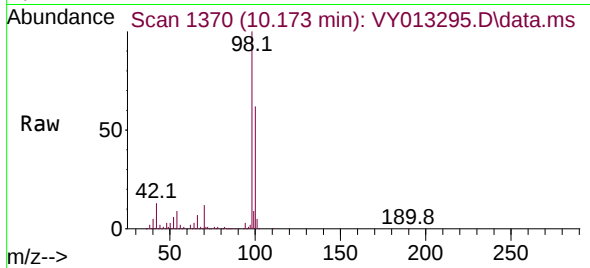




#50
Toluene-d8
Concen: 51.601 ug/l
RT: 10.173 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013295.D
Acq: 13 Apr 2023 14:55

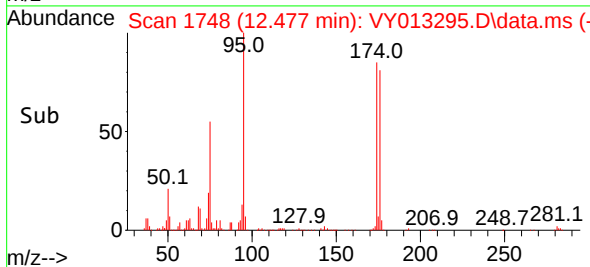
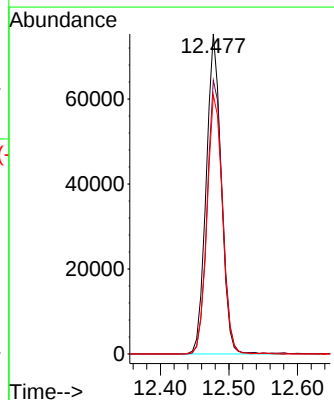
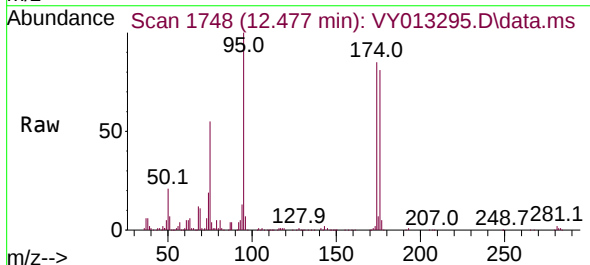
Instrument :
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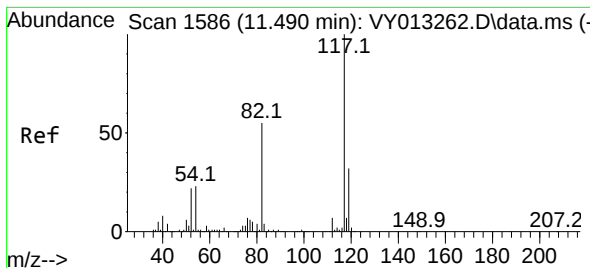
Tgt Ion: 98 Resp: 362063
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.330 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013295.D
Acq: 13 Apr 2023 14:55

Tgt Ion: 95 Resp: 114741
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 83.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013295.D

Acq: 13 Apr 2023 14:55

Instrument :

MSVOA_Y

ClientSampleId :

OU3-FC-BACKFILL-03

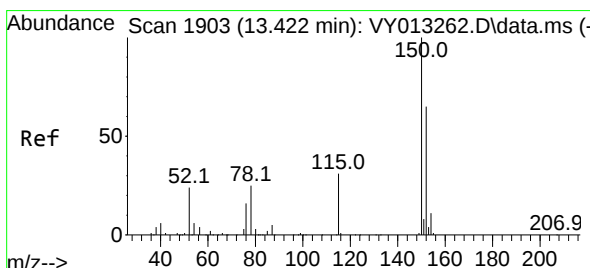
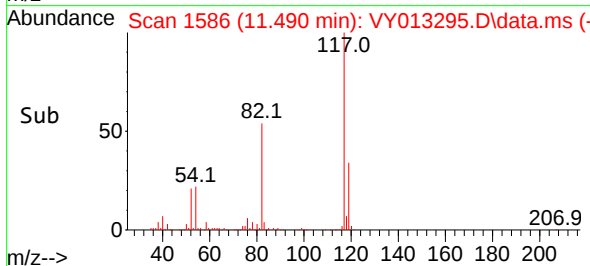
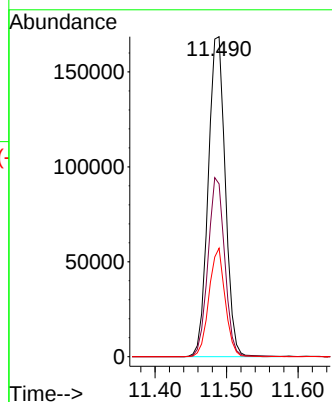
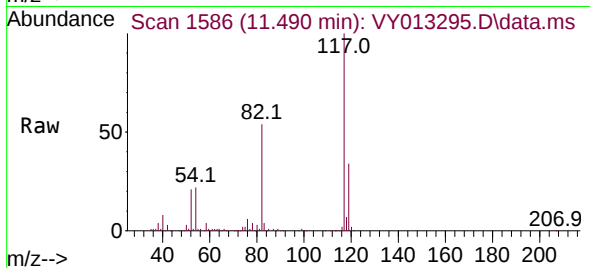
Tgt Ion:117 Resp: 279161

Ion Ratio Lower Upper

117 100

82 54.0 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: VY013295.D

Acq: 13 Apr 2023 14:55

Tgt Ion:152 Resp: 126436

Ion Ratio Lower Upper

152 100

115 57.3 27.1 81.3

150 159.8 0.0 347.8

