

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013298.D
 Acq On : 13 Apr 2023 16:05
 Operator : KP/MD
 Sample : 02224-11
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-06

Quant Time: Apr 14 03:00:54 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	167071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	277173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	123428	61.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.940%	
35) Dibromofluoromethane	7.710	113	104442	55.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.420%	
50) Toluene-d8	10.173	98	365507	51.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.477	95	113031	49.406	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.820%	

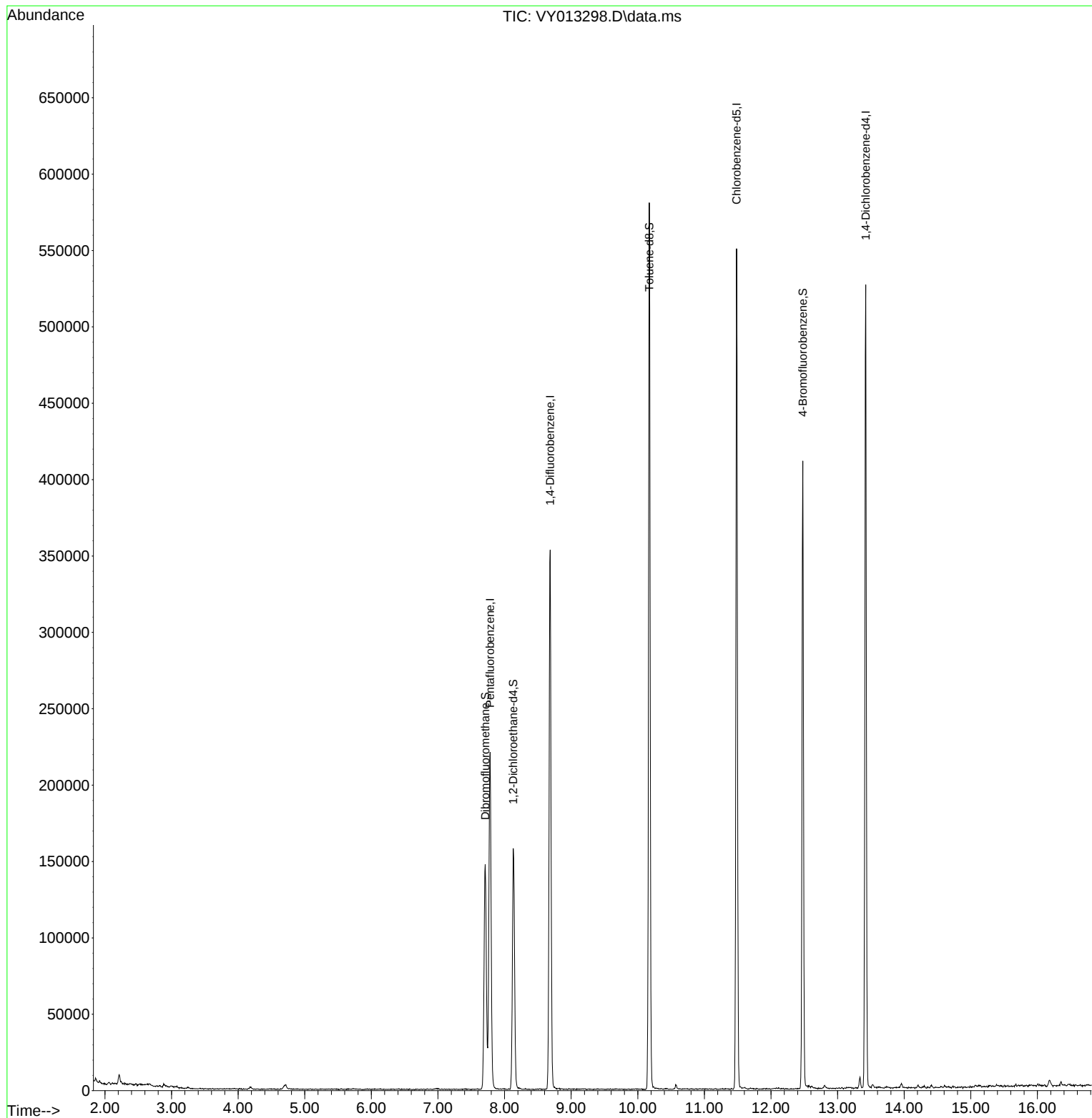
Target Compounds	Qvalue

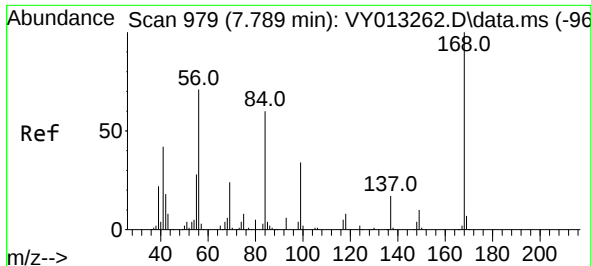
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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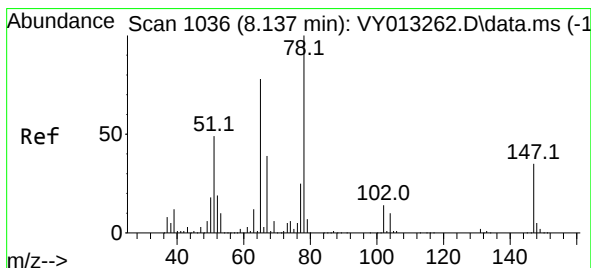
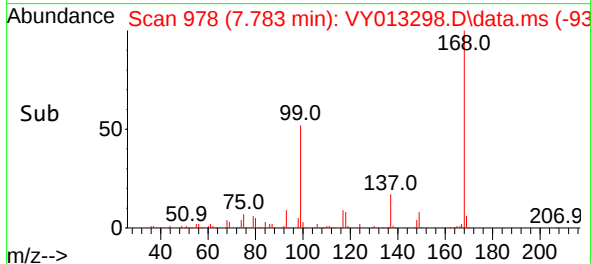
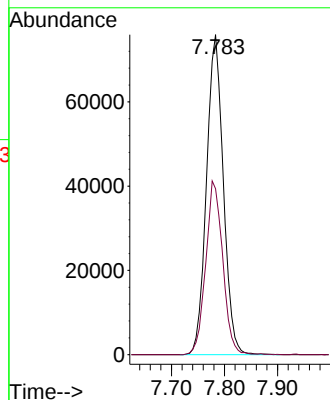
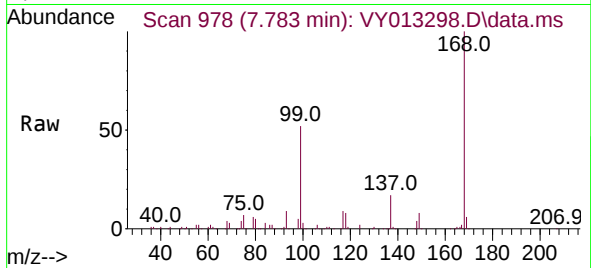




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013298.D
Acq: 13 Apr 2023 16:05

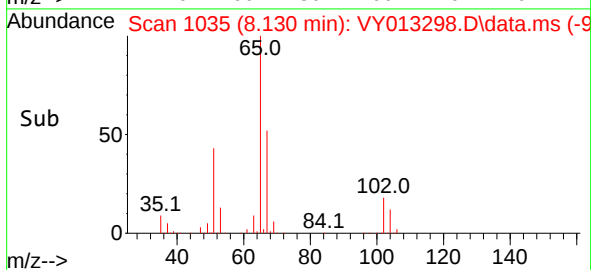
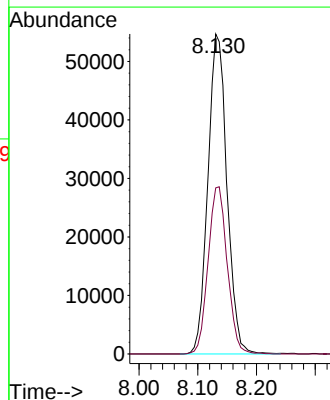
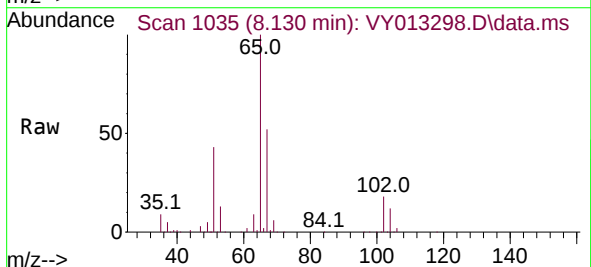
Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-06

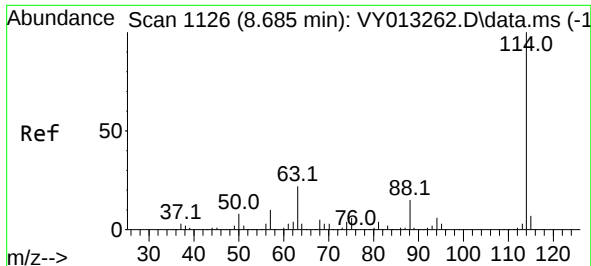
Tgt Ion:168 Resp: 167071
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 61.474 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013298.D
Acq: 13 Apr 2023 16:05

Tgt Ion: 65 Resp: 123428
Ion Ratio Lower Upper
65 100
67 52.5 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: VY013298.D

Acq: 13 Apr 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

OU3-FC-BACKFILL-06

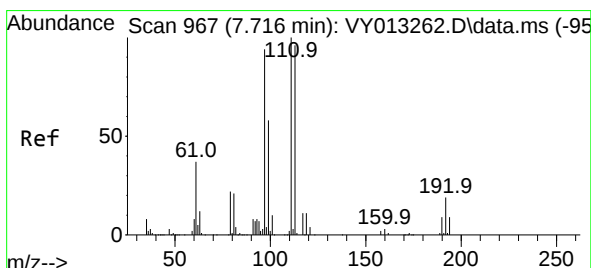
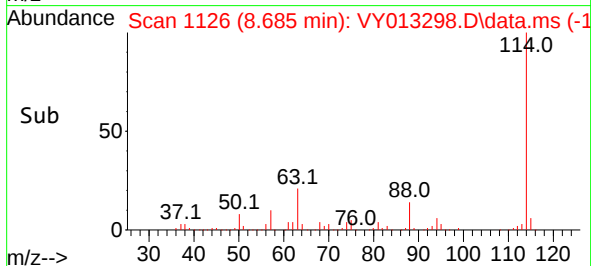
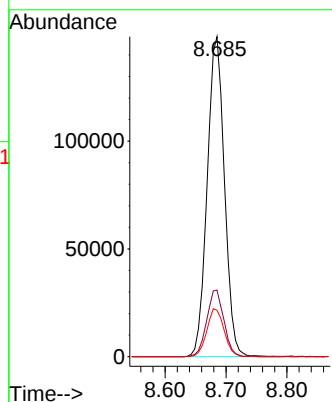
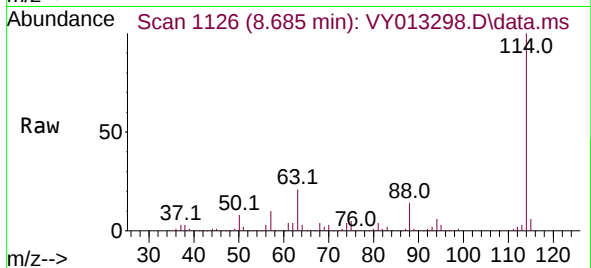
Tgt Ion:114 Resp: 292203

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 14.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.211 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013298.D

Acq: 13 Apr 2023 16:05

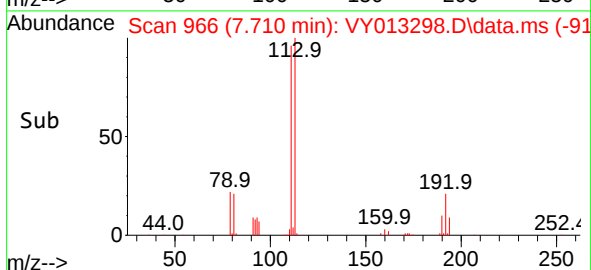
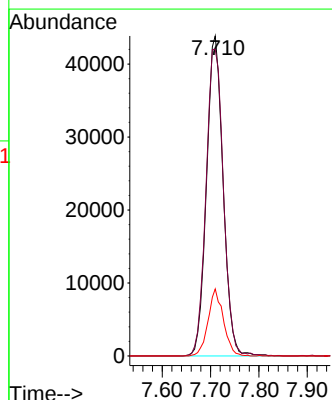
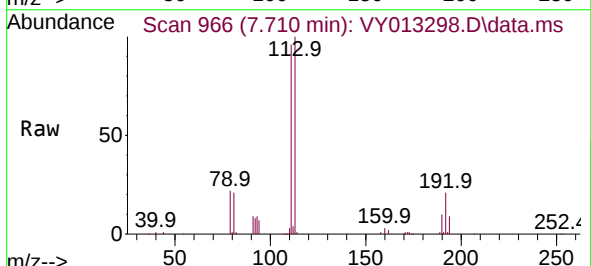
Tgt Ion:113 Resp: 104442

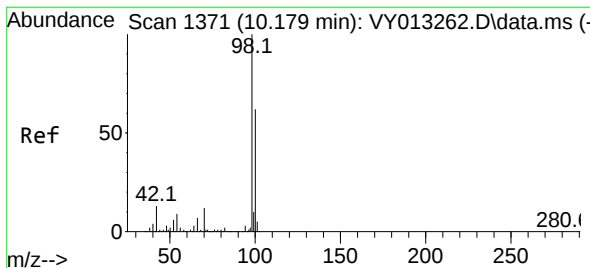
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 19.4 16.8 25.2

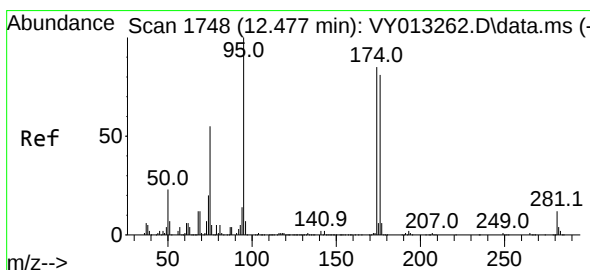
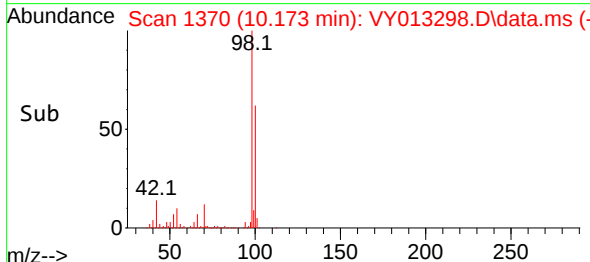
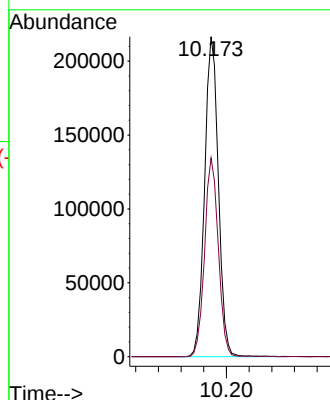
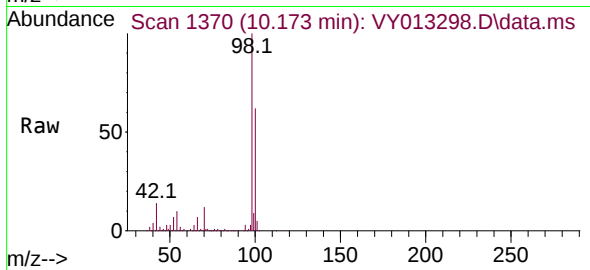




#50
Toluene-d8
Concen: 51.909 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013298.D
Acq: 13 Apr 2023 16:05

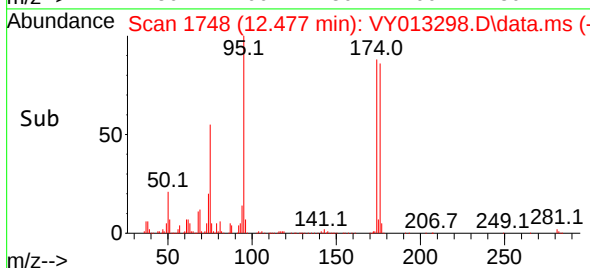
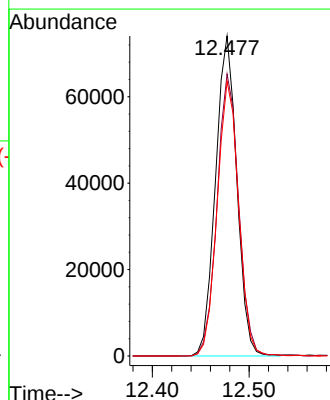
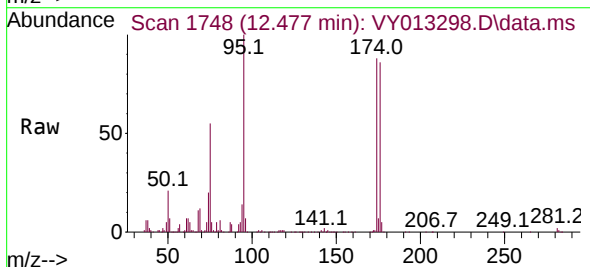
Instrument :
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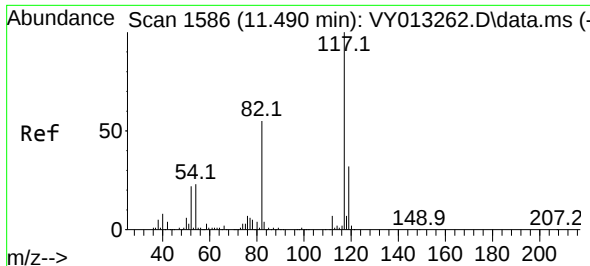
Tgt Ion: 98 Resp: 365507
Ion Ratio Lower Upper
98 100
100 61.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.406 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013298.D
Acq: 13 Apr 2023 16:05

Tgt Ion: 95 Resp: 113031
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 86.6 0.0 170.2

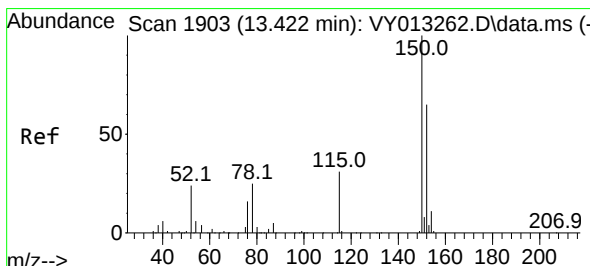
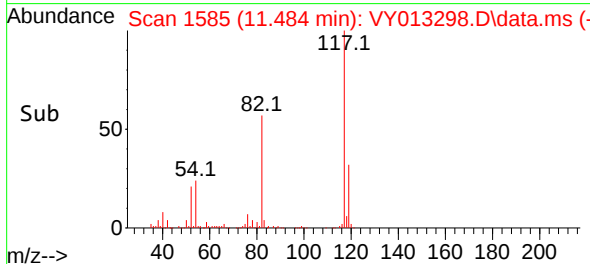
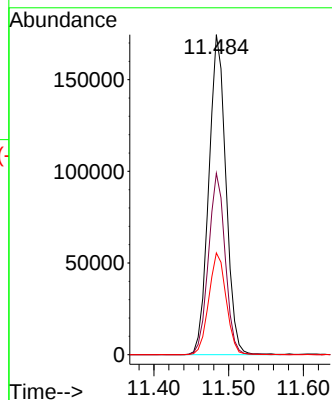
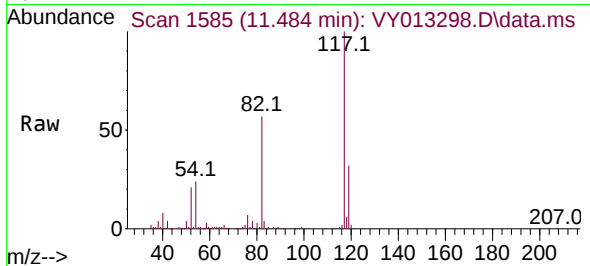




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013298.D
Acq: 13 Apr 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :
OU3-FC-BACKFILL-06

Tgt Ion:117 Resp: 277173
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 31.8 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: VY013298.D
Acq: 13 Apr 2023 16:05

Tgt Ion:152 Resp: 131040
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 154.6 0.0 347.8

