

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012406.D
 Acq On : 30 Jan 2023 18:32
 Operator : KP/MD
 Sample : 01356-01
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-J

Quant Time: Jan 31 01:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	159808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97158	75.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.680%
35) Dibromofluoromethane	7.716	113	78288	54.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.760%
50) Toluene-d8	10.179	98	318544	65.813	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.620%
62) 4-Bromofluorobenzene	12.483	95	108307	53.854	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.700%

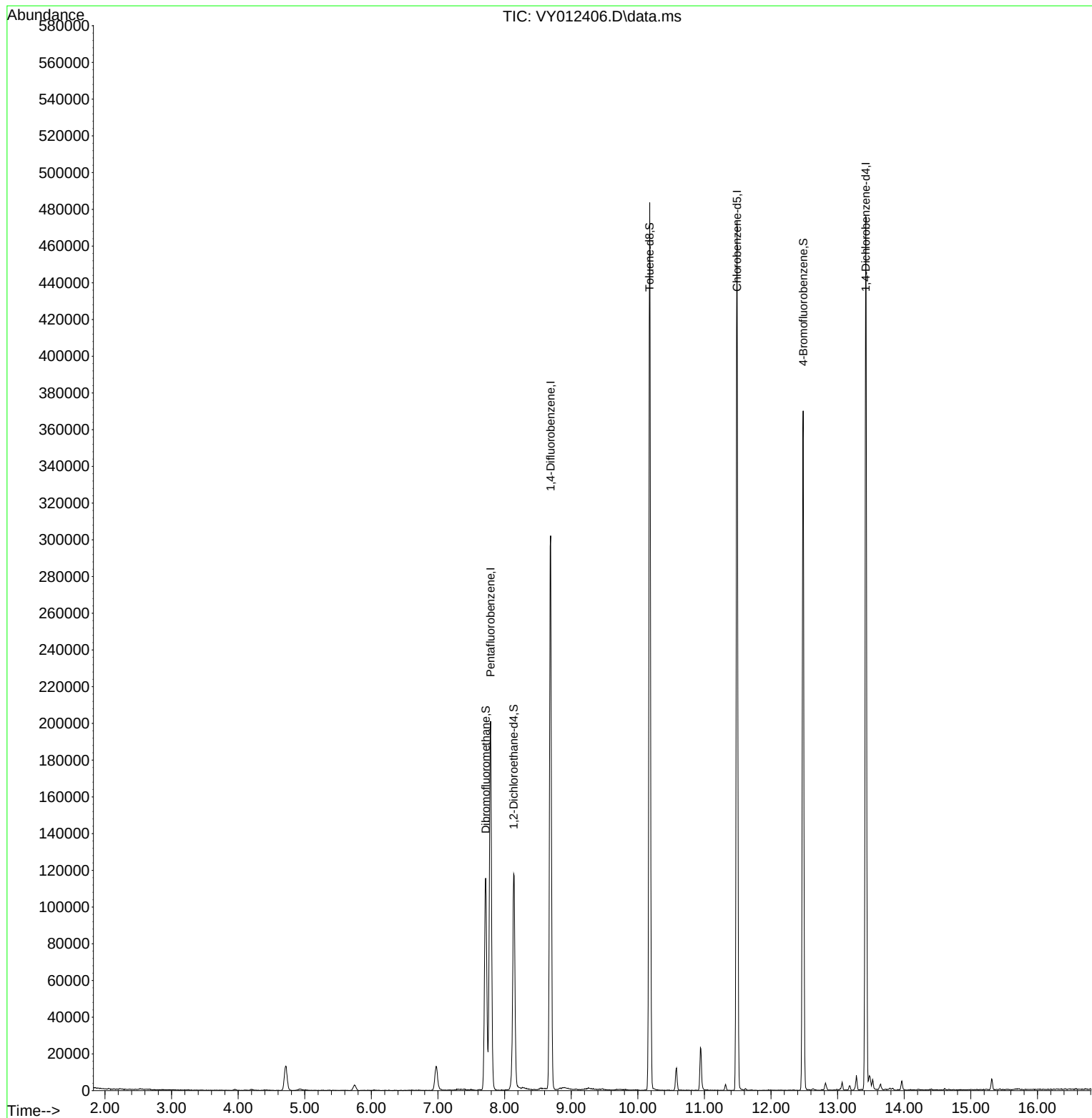
Target Compounds	Qvalue

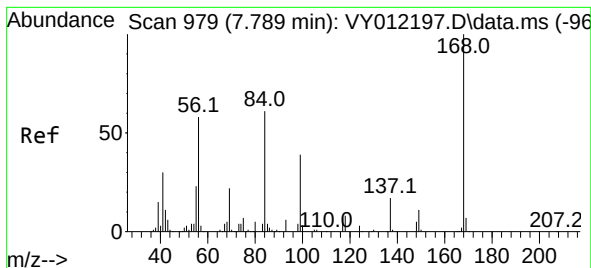
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY012406.D

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Instrument :

MSVOA_Y

ClientSampleId :

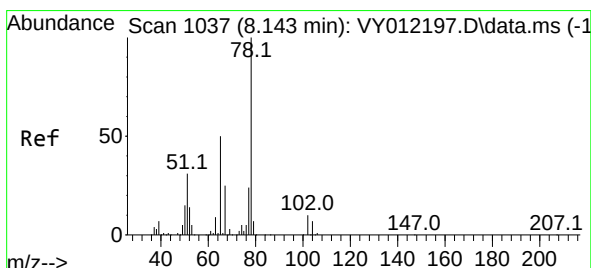
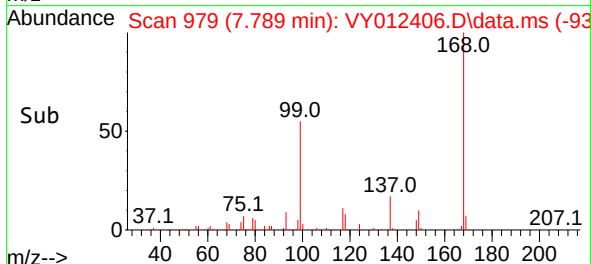
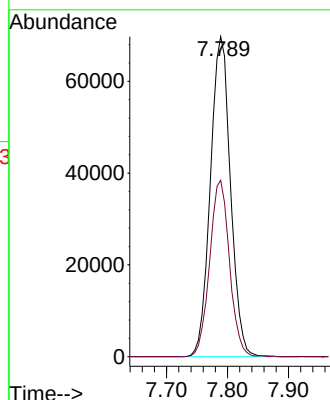
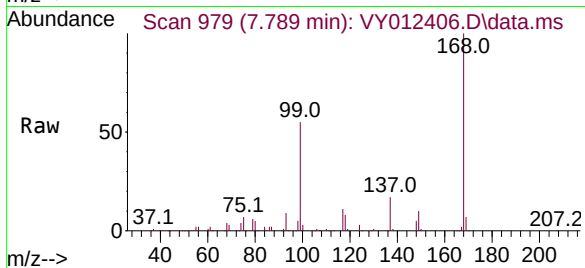
TP-J

Tgt Ion:168 Resp: 159808

Ion Ratio Lower Upper

168 100

99 55.2 44.0 66.0



#33

1,2-Dichloroethane-d4

Concen: 75.340 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012406.D

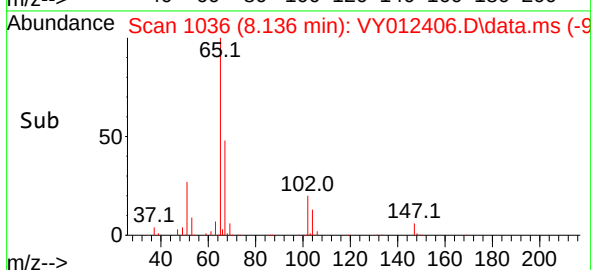
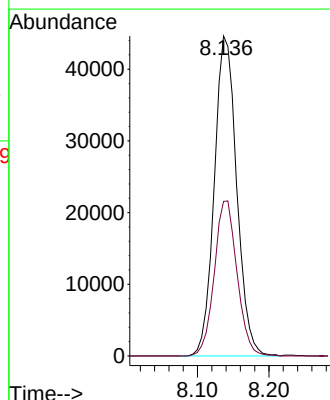
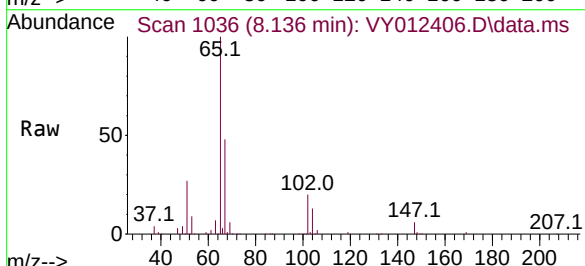
Acq: 30 Jan 2023 18:32

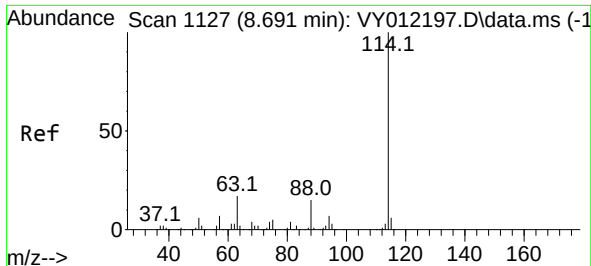
Tgt Ion: 65 Resp: 97158

Ion Ratio Lower Upper

65 100

67 49.2 0.0 103.2

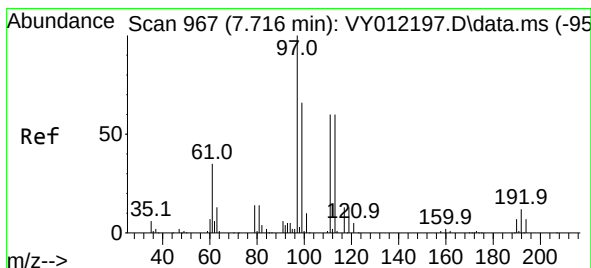
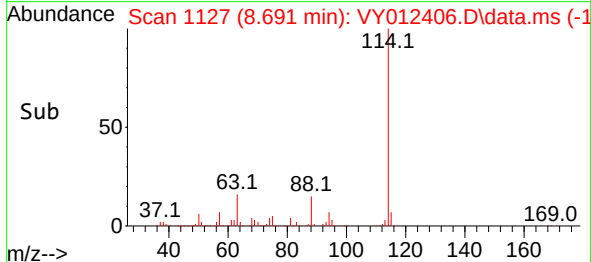
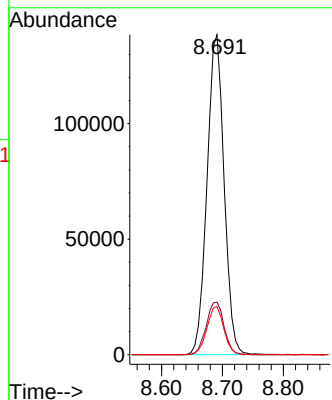
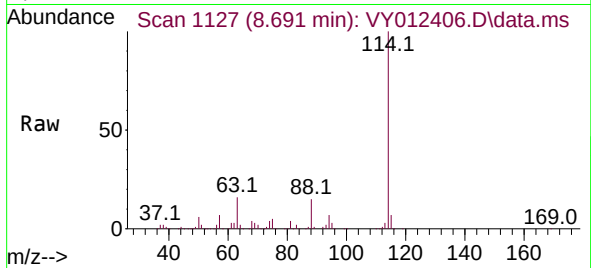




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

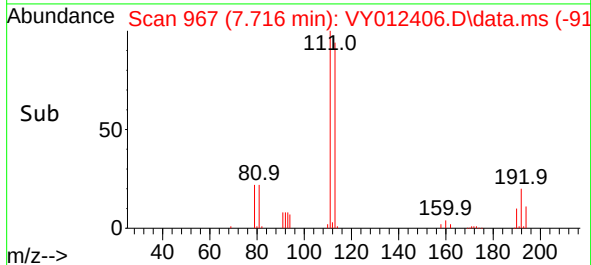
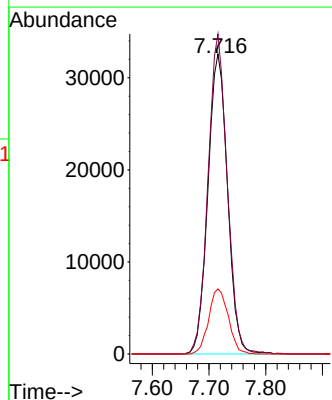
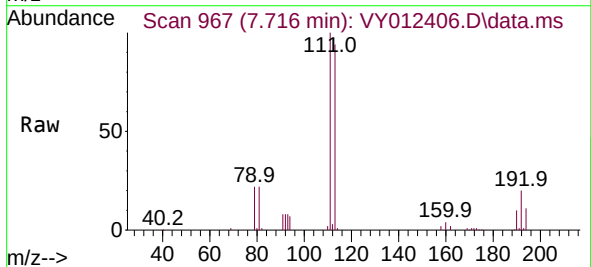
Instrument :
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ClientSampleId :
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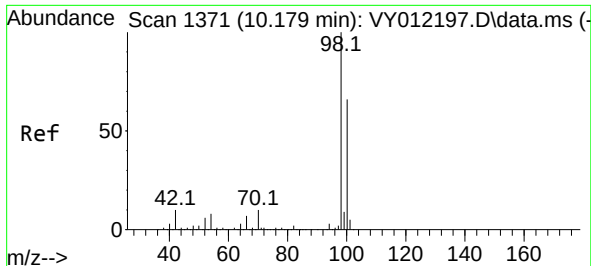
Tgt Ion:114 Resp: 269431
Ion Ratio Lower Upper
114 100
63 16.4 0.0 39.6
88 15.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 54.876 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

Tgt Ion:113 Resp: 78288
Ion Ratio Lower Upper
113 100
111 104.4 83.0 124.4
192 21.7 16.0 24.0

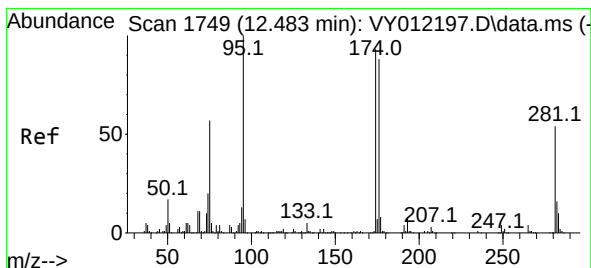
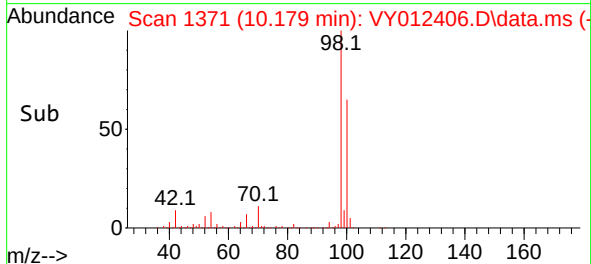
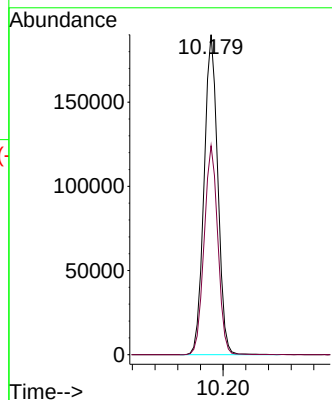
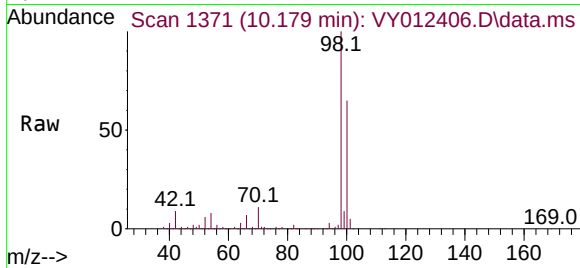




#50
Toluene-d8
Concen: 65.813 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

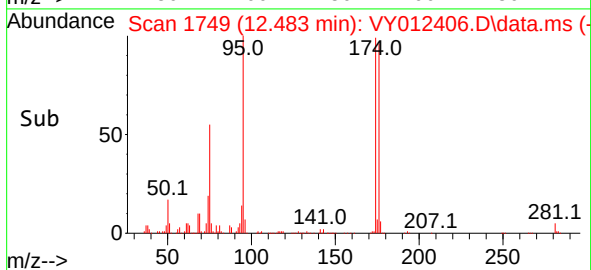
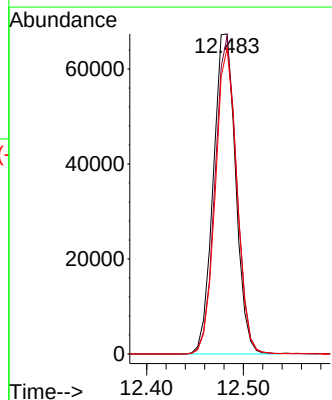
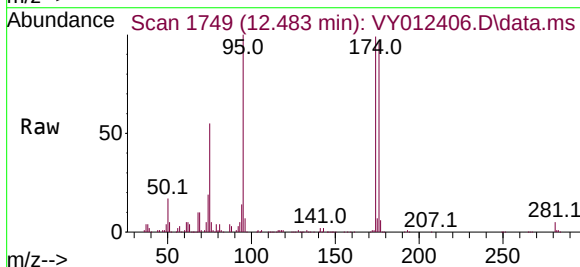
Instrument :
MSVOA_Y
ClientSampleId :
TP-J

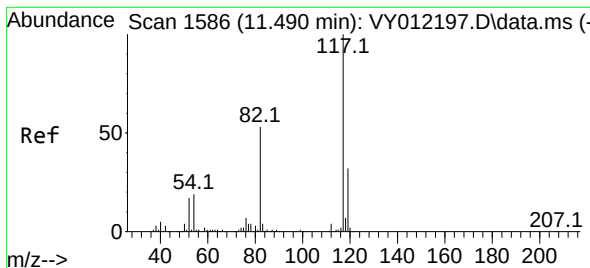
Tgt Ion: 98 Resp: 318544
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.854 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012406.D
Acq: 30 Jan 2023 18:32

Tgt Ion: 95 Resp: 108307
Ion Ratio Lower Upper
95 100
174 95.7 0.0 172.0
176 91.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012406.D

Acq: 30 Jan 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-J

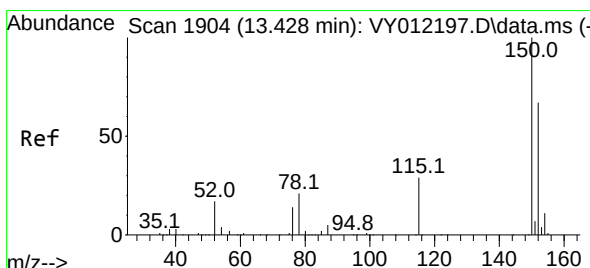
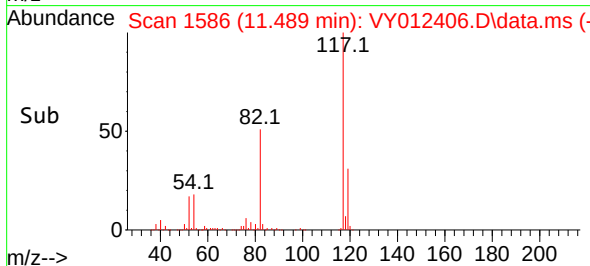
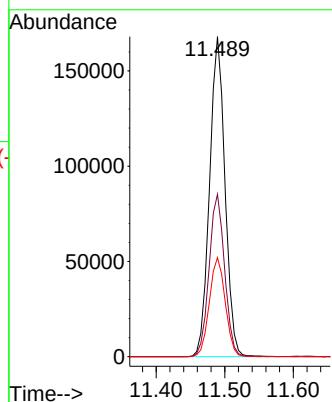
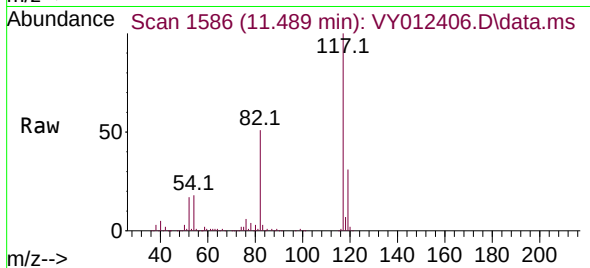
Tgt Ion:117 Resp: 262992

Ion Ratio Lower Upper

117 100

82 50.8 44.8 67.2

119 31.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY012406.D

Acq: 30 Jan 2023 18:32

Tgt Ion:152 Resp: 129281

Ion Ratio Lower Upper

152 100

115 56.6 29.1 87.3

150 155.7 0.0 342.6

