

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017144.D
 Acq On : 30 Jan 2024 15:25
 Operator : SY/MD
 Sample : P1285-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHESTNUT-ST-TP-2

Quant Time: Jan 31 00:28:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	85014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	185006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	186054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77056	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	41793	50.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.920%
35) Dibromofluoromethane	7.734	113	45102	40.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.780%
50) Toluene-d8	10.191	98	163661	38.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.620%
62) 4-Bromofluorobenzene	12.489	95	55722	42.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.780%

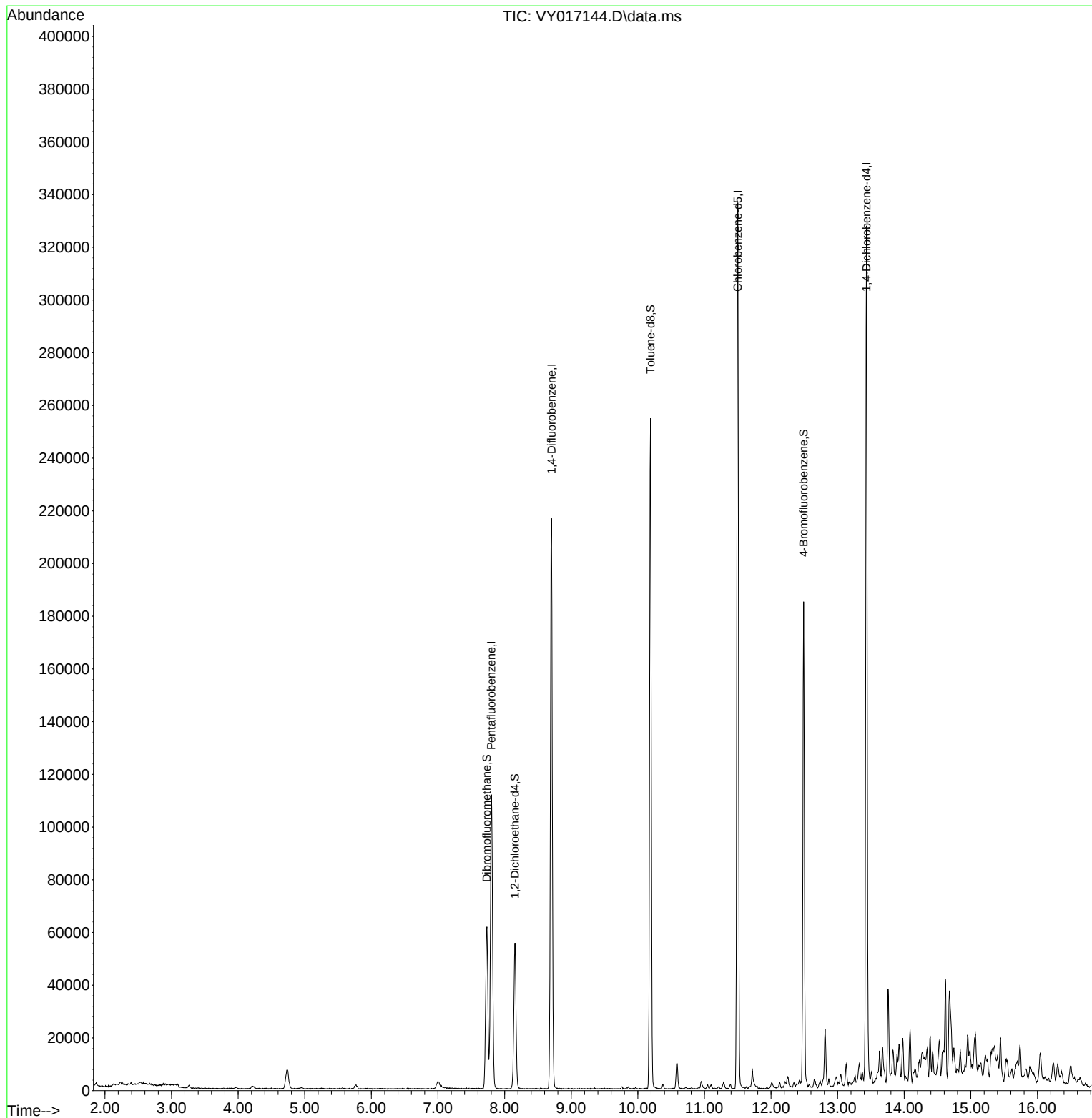
Target Compounds	Qvalue

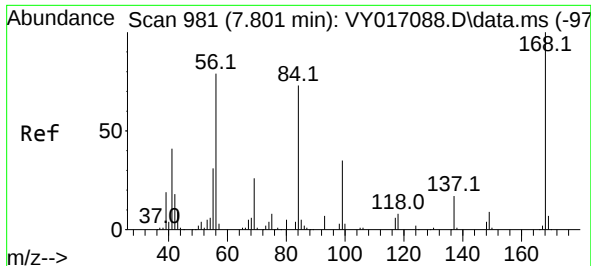
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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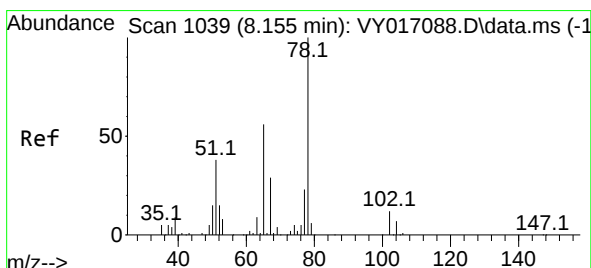
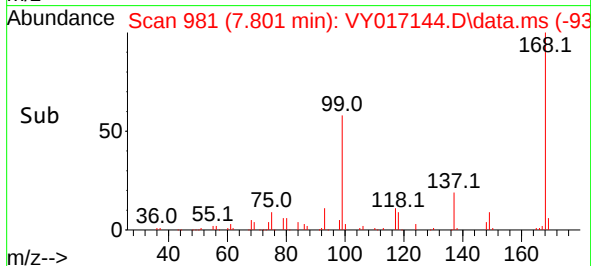
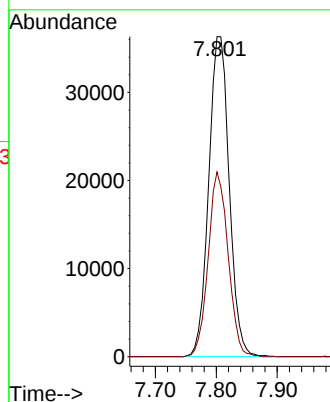
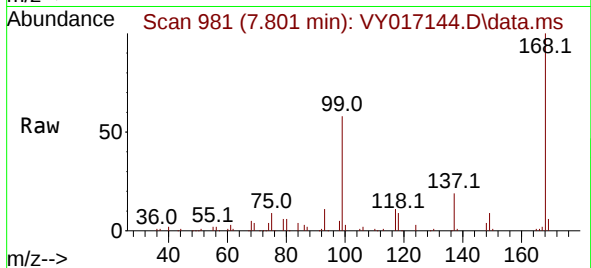




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

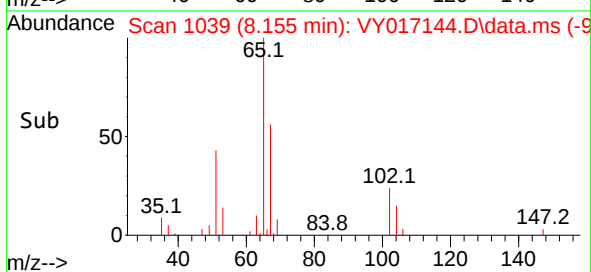
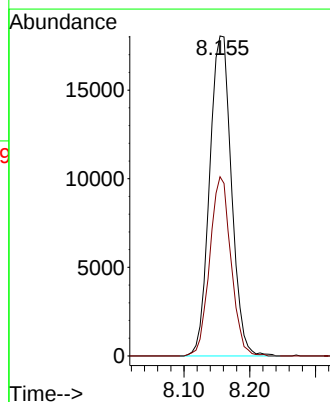
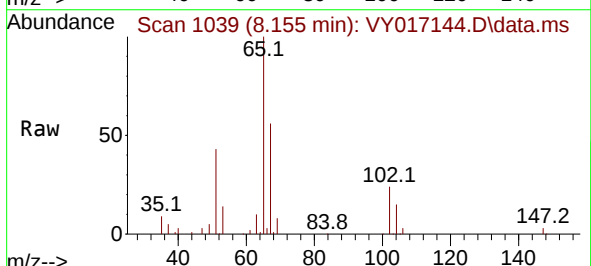
Instrument :
MSVOA_Y
ClientSampleId :
CHESTNUT-ST-TP-2

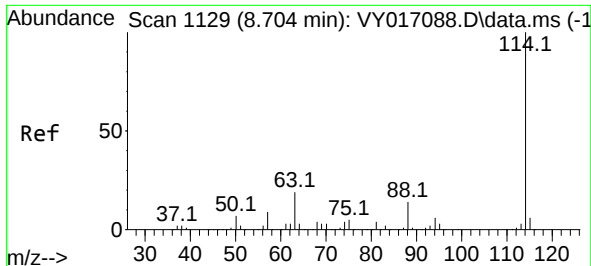
Tgt Ion:168 Resp: 85014
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.456 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Tgt Ion: 65 Resp: 41793
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017144.D

Acq: 30 Jan 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

CHESTNUT-ST-TP-2

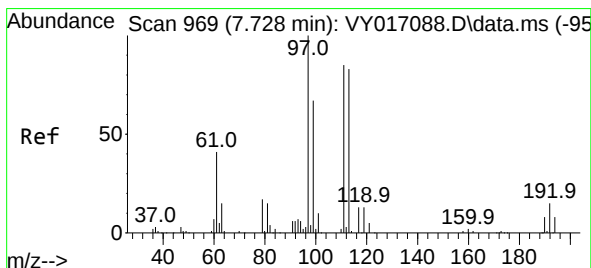
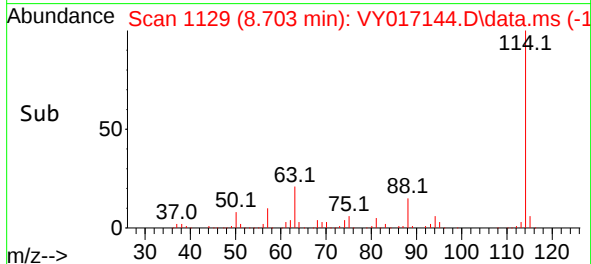
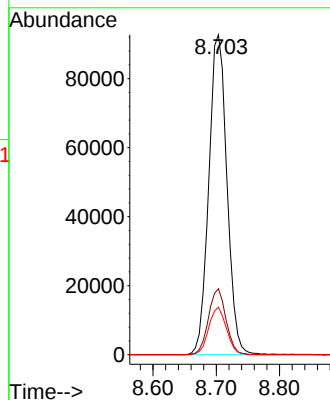
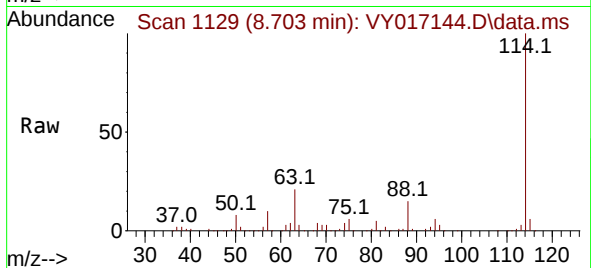
Tgt Ion:114 Resp: 185006

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.393 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017144.D

Acq: 30 Jan 2024 15:25

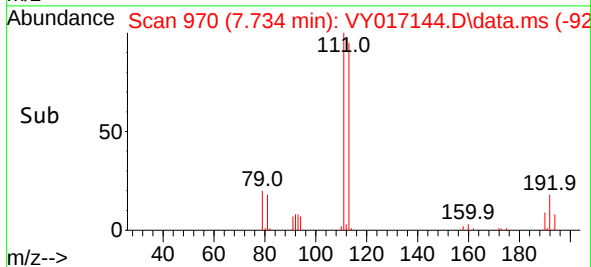
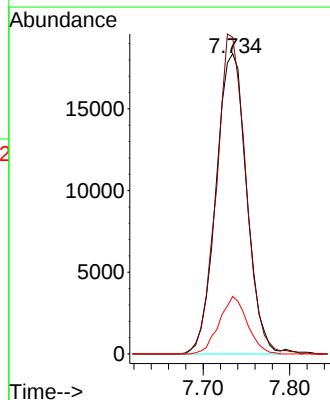
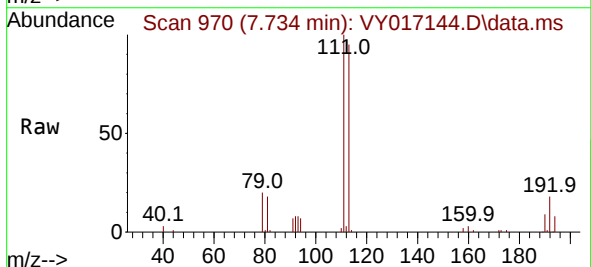
Tgt Ion:113 Resp: 45102

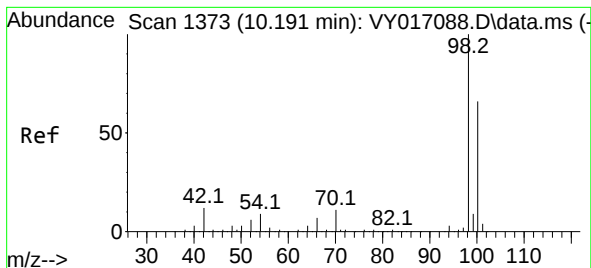
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.6 14.5 21.7

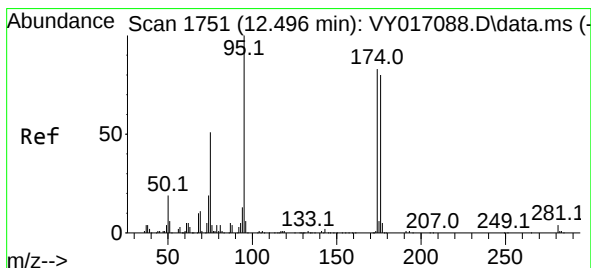
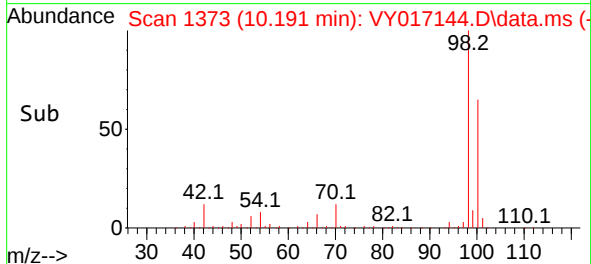
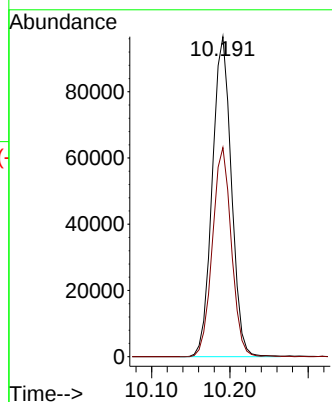
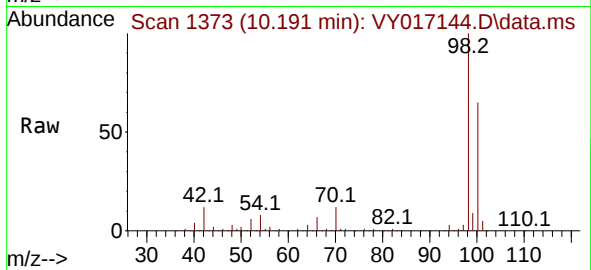




#50
Toluene-d8
Concen: 38.806 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

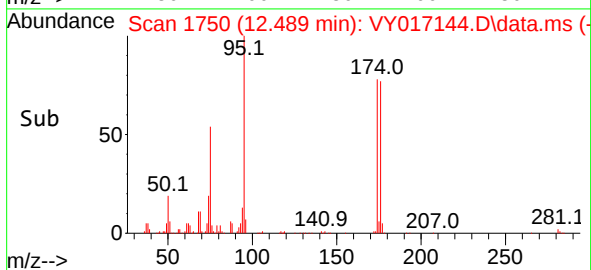
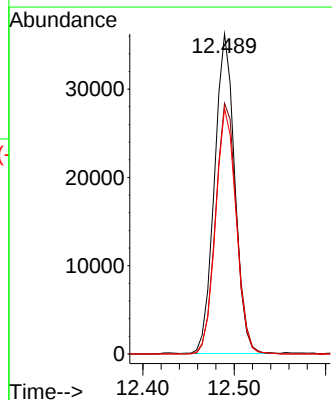
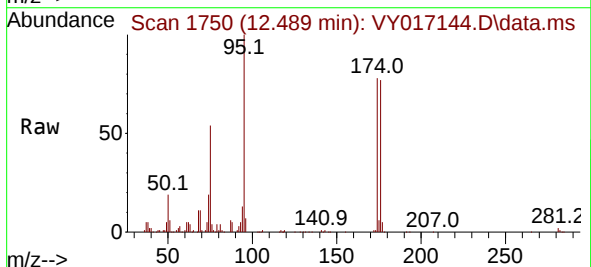
Instrument :
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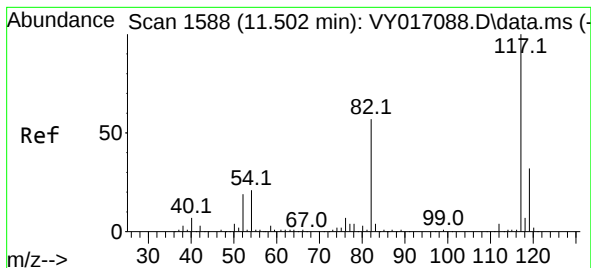
Tgt Ion: 98 Resp: 163661
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 42.890 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Tgt Ion: 95 Resp: 55722
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.0
176 78.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017144.D

Acq: 30 Jan 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

CHESTNUT-ST-TP-2

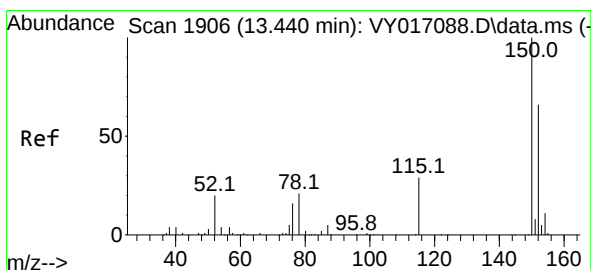
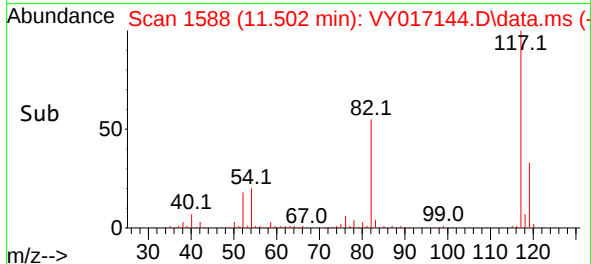
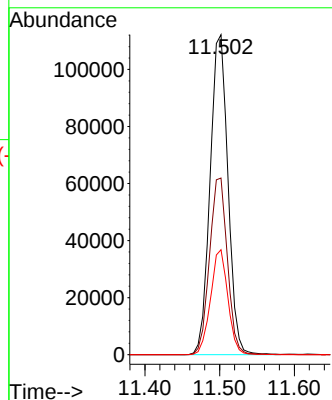
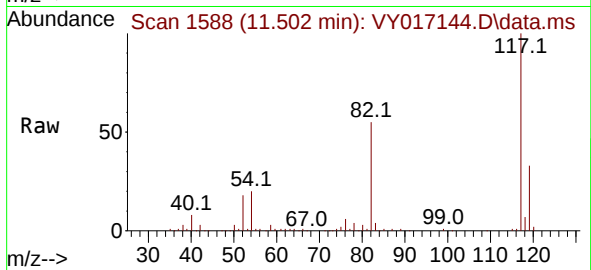
Tgt Ion:117 Resp: 186054

Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

119 32.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017144.D

Acq: 30 Jan 2024 15:25

Tgt Ion:152 Resp: 77056

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 159.6 0.0 344.6

