

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017453.D
 Acq On : 22 Feb 2024 12:59
 Operator : SY/MD
 Sample : VY0222SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBL01

Quant Time: Feb 23 00:28:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	151984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	255255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	219357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	89228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	70251	54.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.220%
35) Dibromofluoromethane	7.734	113	79684	53.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.660%
50) Toluene-d8	10.191	98	289597	49.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.495	95	80535	41.958	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.920%

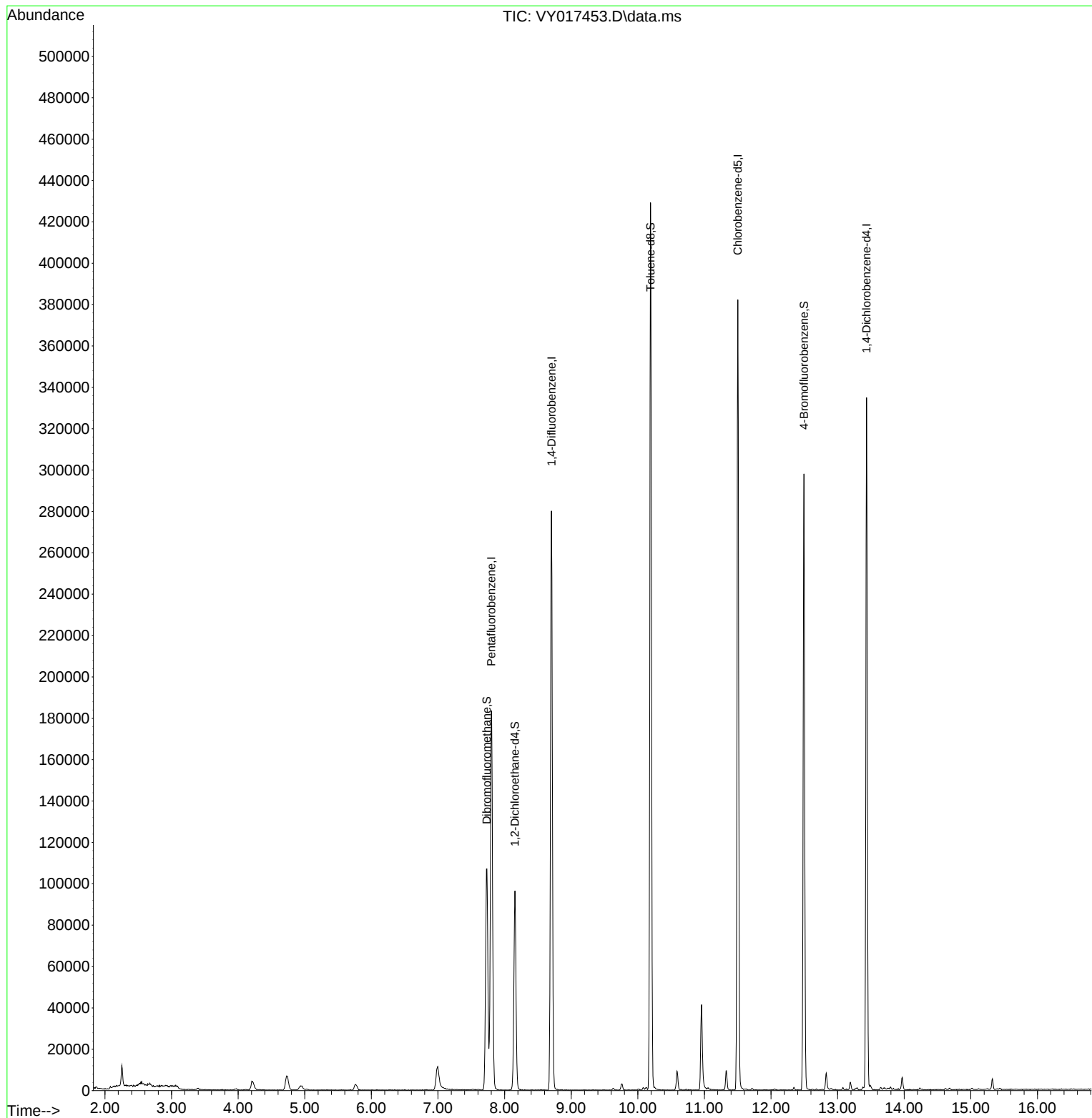
Target Compounds	Qvalue

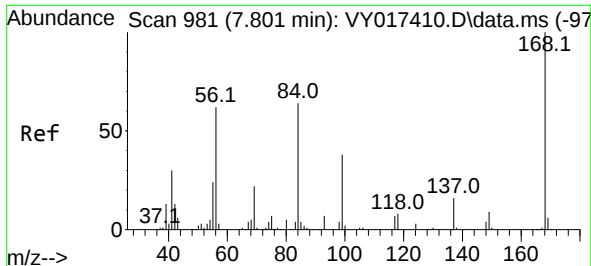
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
Data File : VY017453.D
Acq On : 22 Feb 2024 12:59
Operator : SY/MD
Sample : VY0222SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

Quant Time: Feb 23 00:28:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 2024
Response via : Initial Calibration

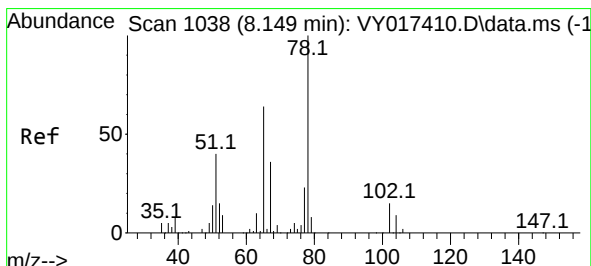
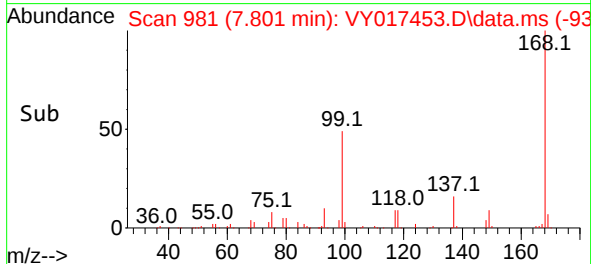
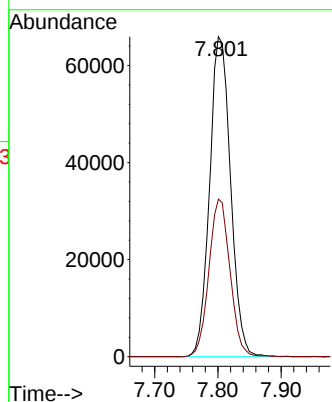
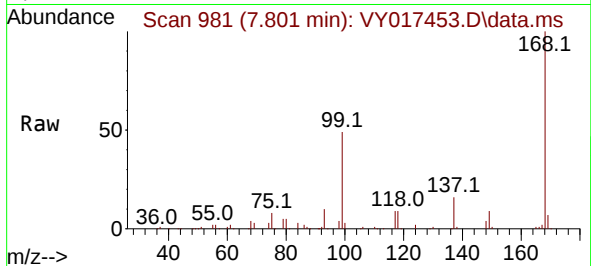




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

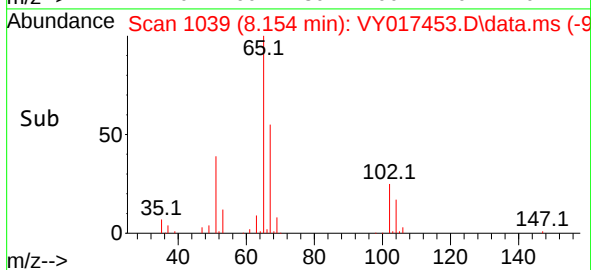
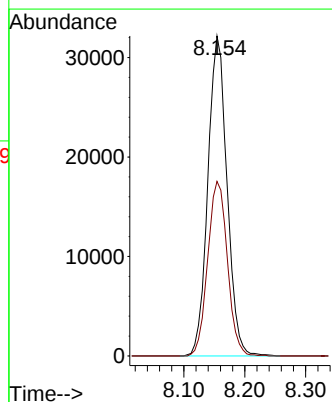
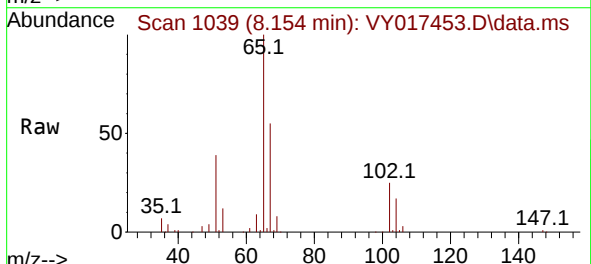
Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBL01

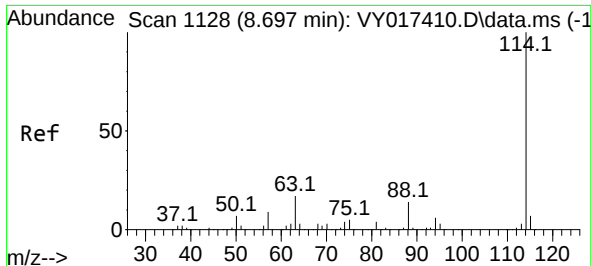
Tgt Ion:168 Resp: 151984
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.107 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017453.D
Acq: 22 Feb 2024 12:59

Tgt Ion: 65 Resp: 70251
Ion Ratio Lower Upper
65 100
67 56.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0222SBL01

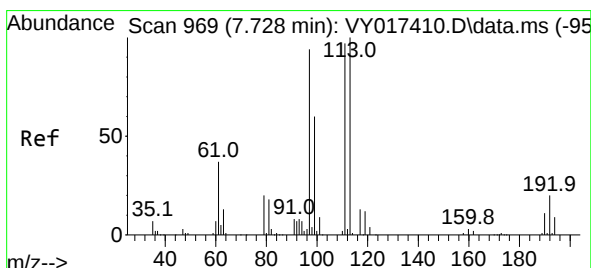
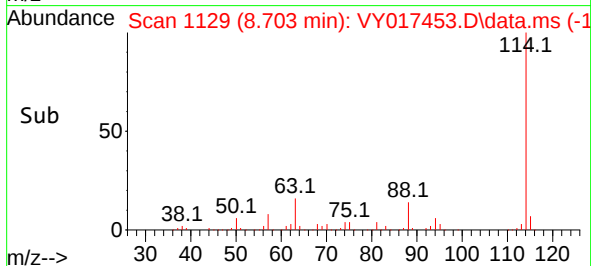
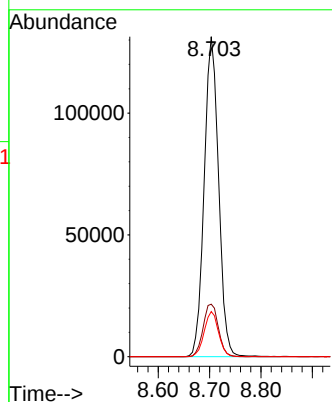
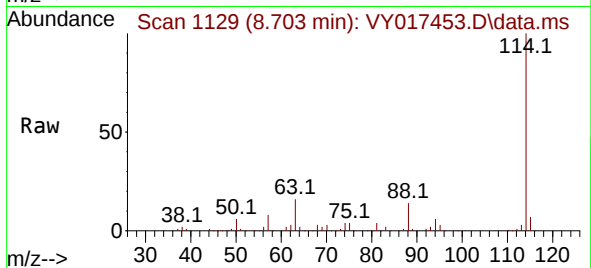
Tgt Ion:114 Resp: 255255

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.330 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

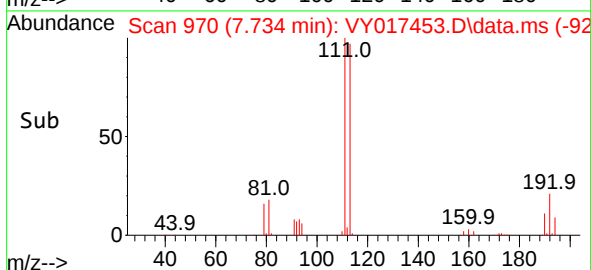
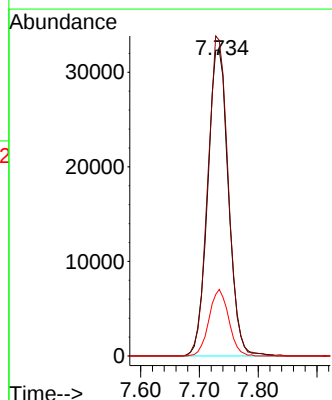
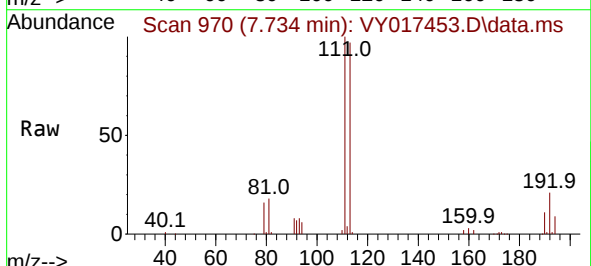
Tgt Ion:113 Resp: 79684

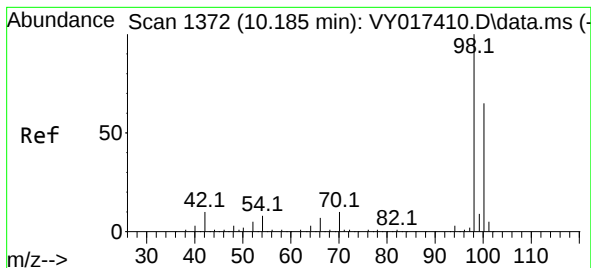
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 20.6 15.9 23.9





#50

Toluene-d8

Concen: 49.974 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

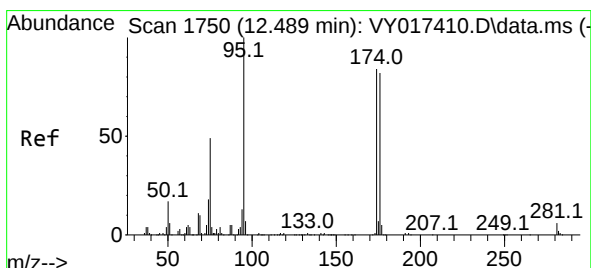
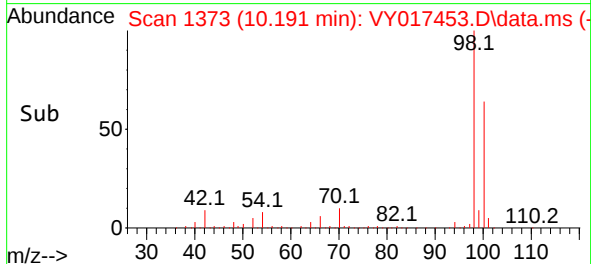
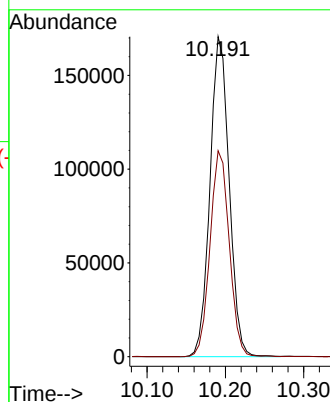
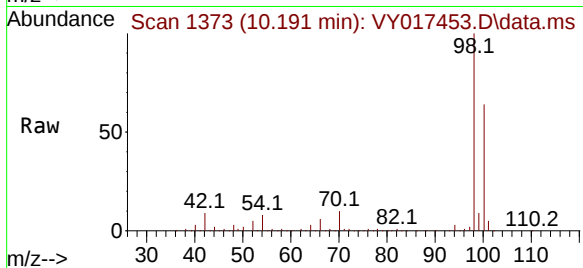
VY0222SBL01

Tgt Ion: 98 Resp: 289597

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.958 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

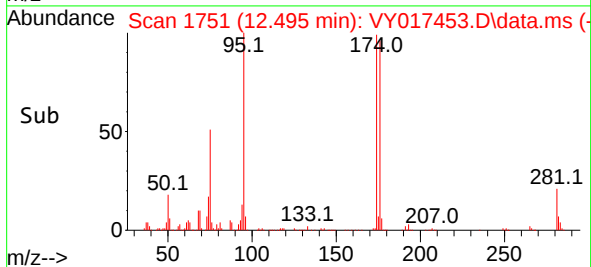
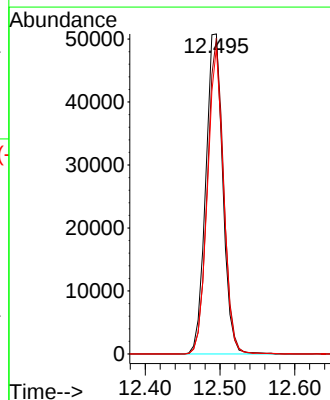
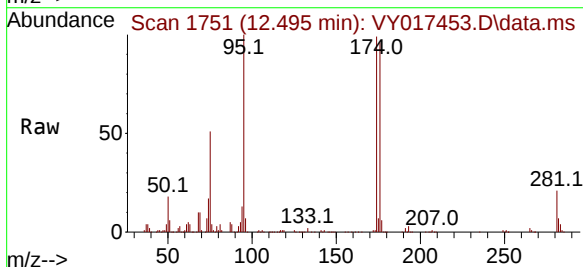
Tgt Ion: 95 Resp: 80535

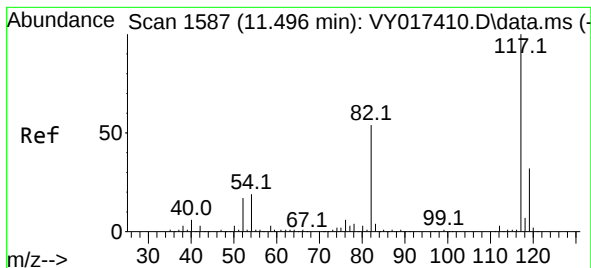
Ion Ratio Lower Upper

95 100

174 94.3 0.0 175.6

176 90.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0222SBL01

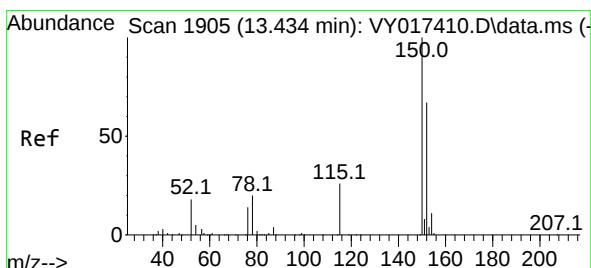
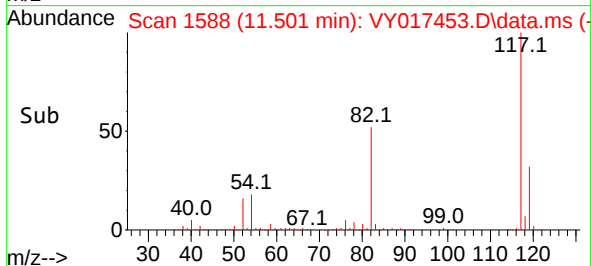
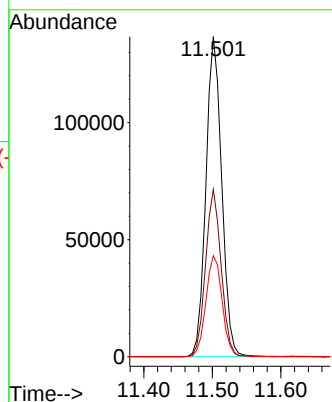
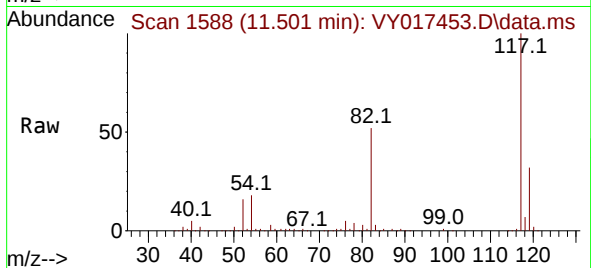
Tgt Ion:117 Resp: 219357

Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017453.D

Acq: 22 Feb 2024 12:59

Tgt Ion:152 Resp: 89228

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 158.9 0.0 345.6

