

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017432.D
 Acq On : 21 Feb 2024 12:58
 Operator : SY/MD
 Sample : P1545-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 287

Quant Time: Feb 22 03:24:35 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	7.807	168	15533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	23439	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	18395	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	6227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	5401	40.702	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.400%
35) Dibromofluoromethane	7.740	113	6116	44.576	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.160%
50) Toluene-d8	10.197	98	19057	35.813	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.620%
62) 4-Bromofluorobenzene	12.495	95	5130	29.635	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.280%

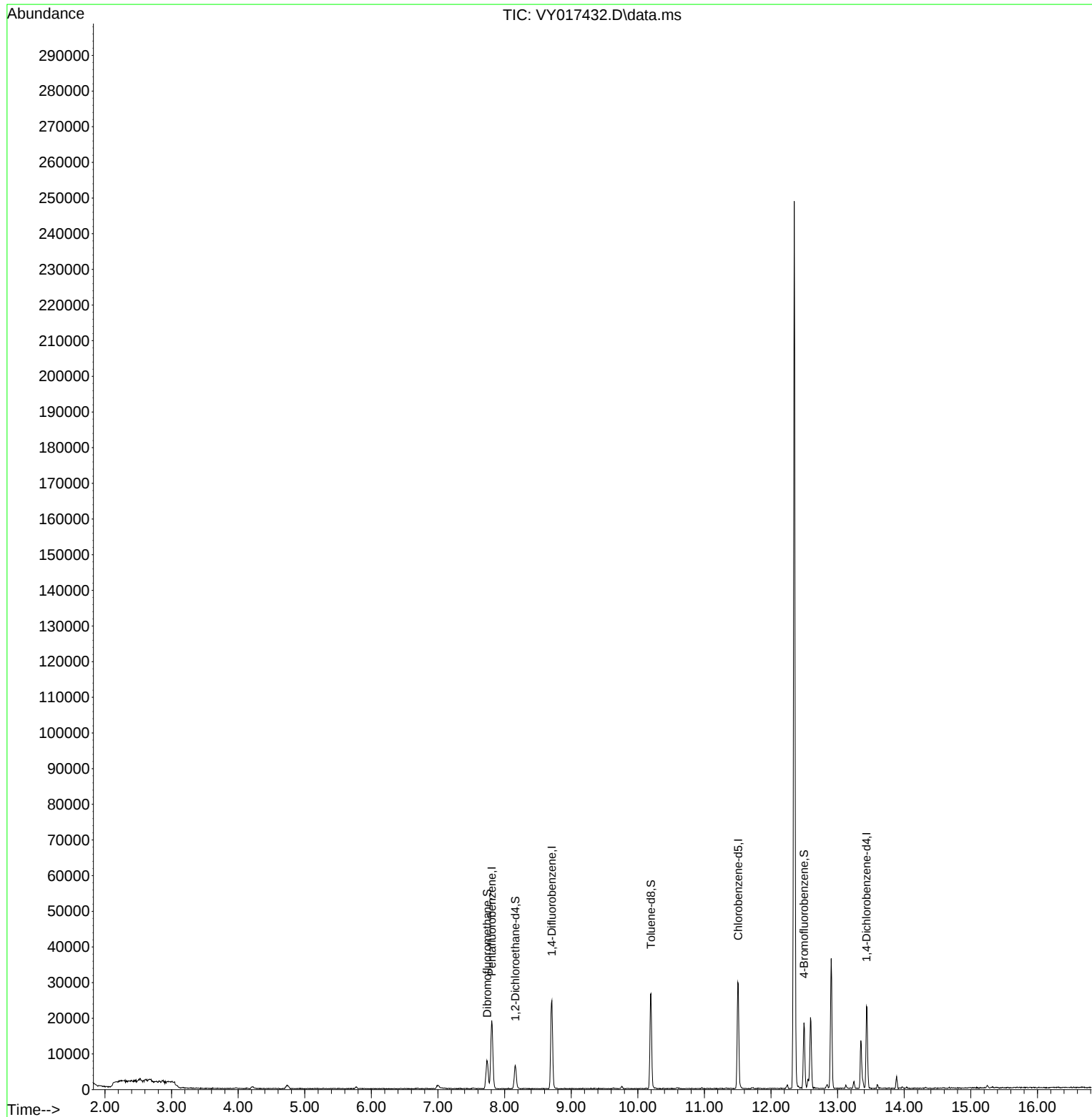
Target Compounds	Qvalue

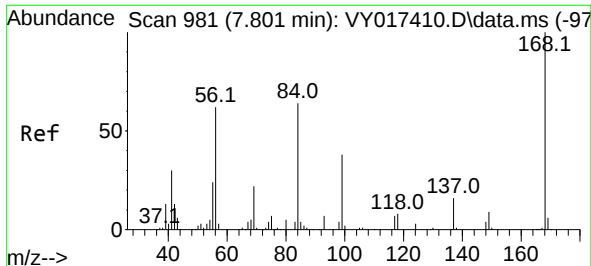
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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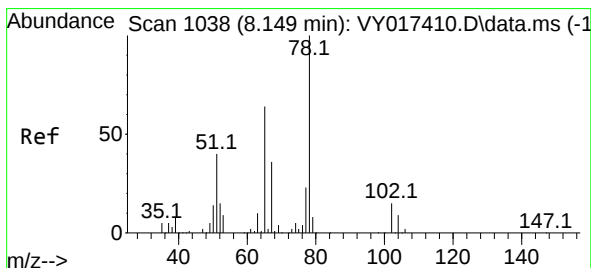
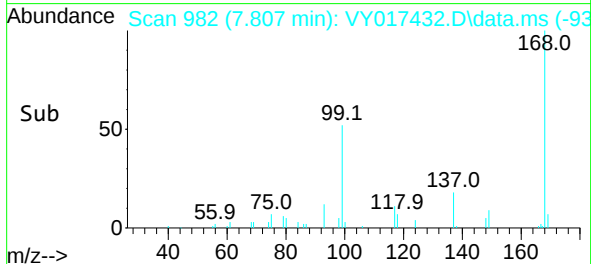
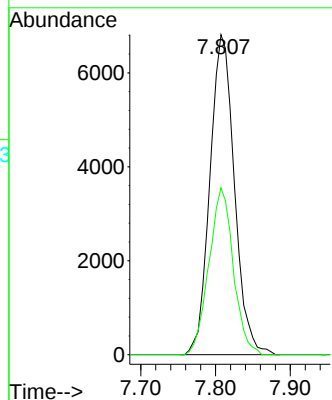
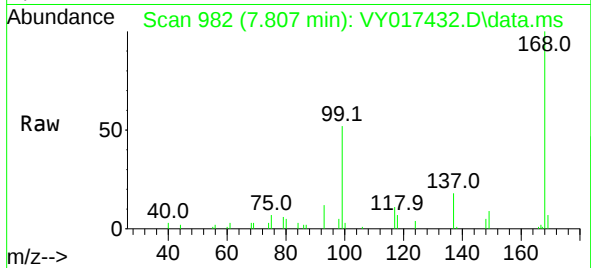




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017432.D
Acq: 21 Feb 2024 12:58

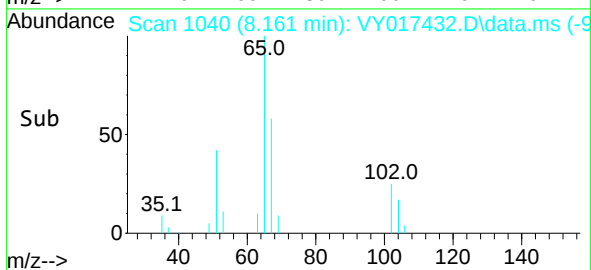
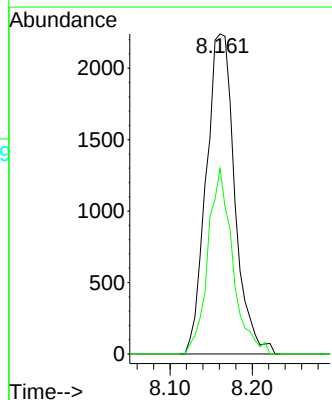
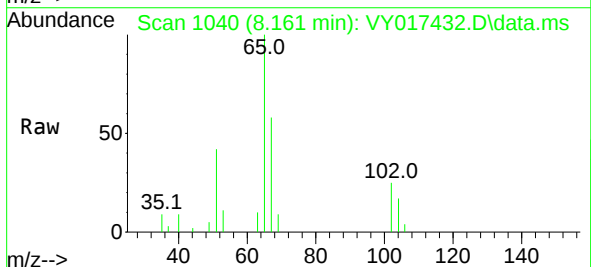
Instrument :
MSVOA_Y
ClientSampleId :
287

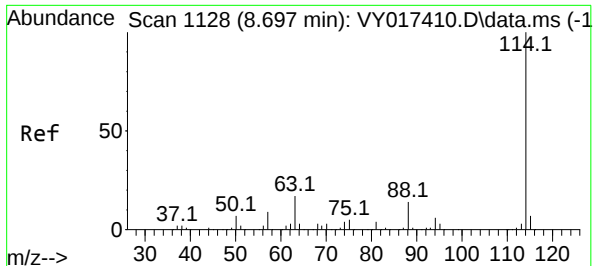
Tgt Ion:168 Resp: 15533
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 40.702 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY017432.D
Acq: 21 Feb 2024 12:58

Tgt Ion: 65 Resp: 5401
Ion Ratio Lower Upper
65 100
67 50.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY017432.D

Acq: 21 Feb 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

287

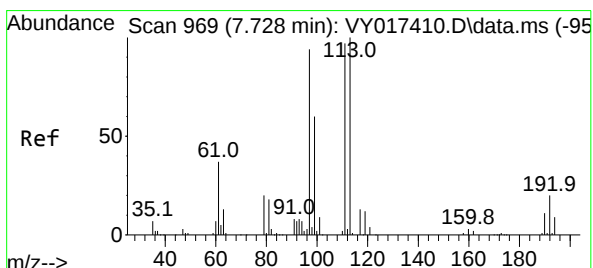
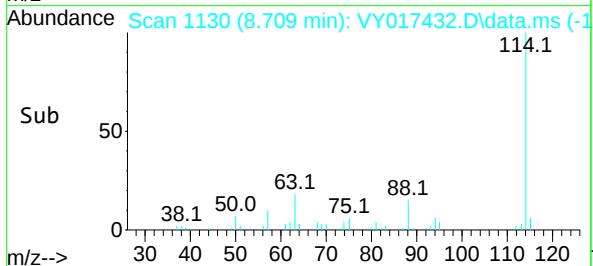
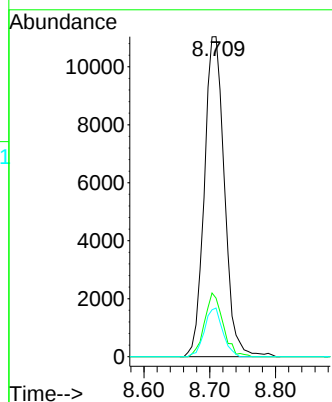
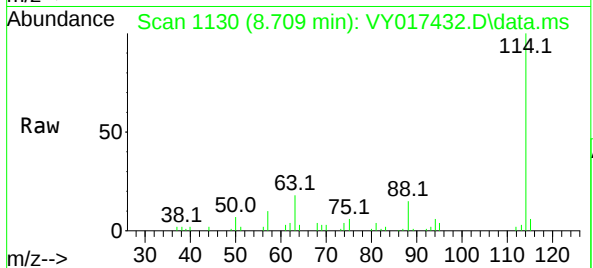
Tgt Ion:114 Resp: 23439

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.576 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017432.D

Acq: 21 Feb 2024 12:58

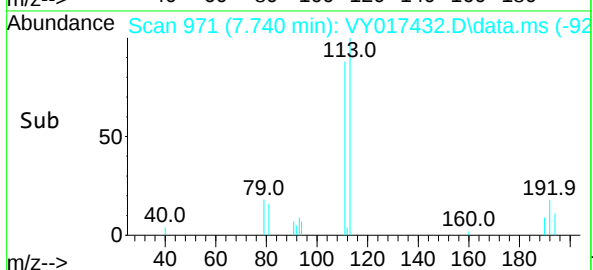
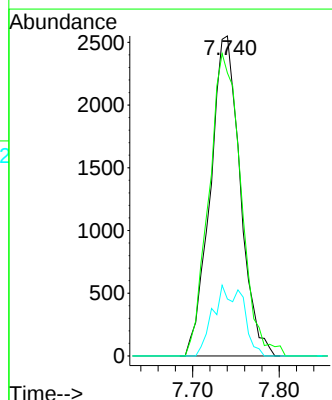
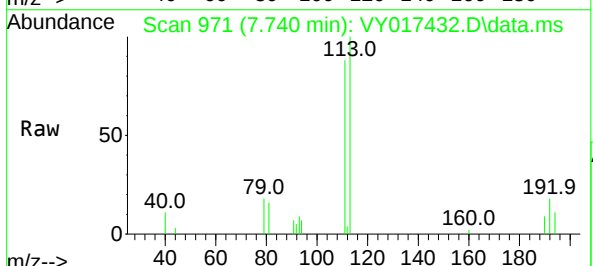
Tgt Ion:113 Resp: 6116

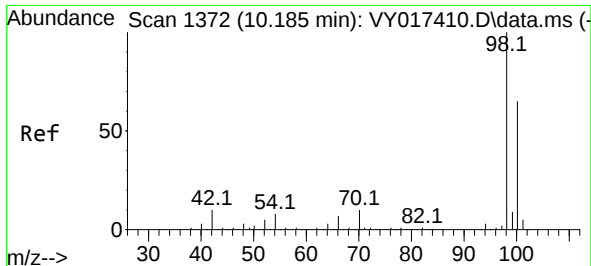
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 22.2 15.9 23.9

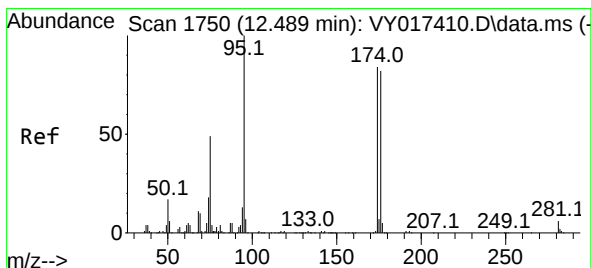
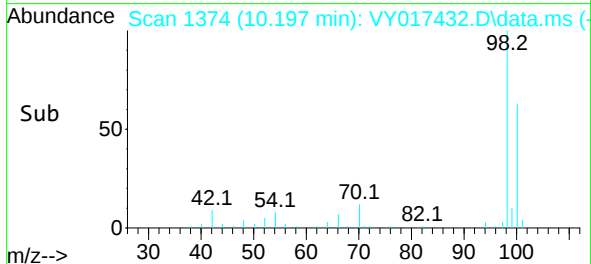
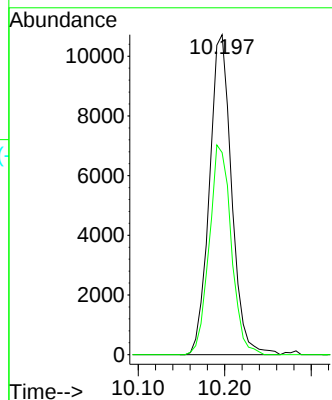
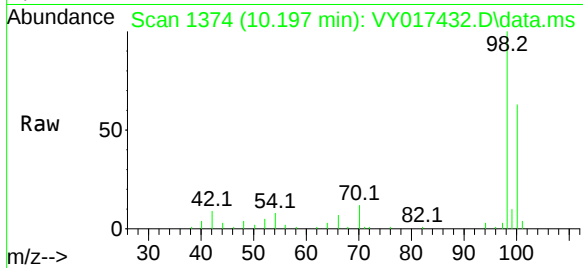




#50
Toluene-d8
Concen: 35.813 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017432.D
Acq: 21 Feb 2024 12:58

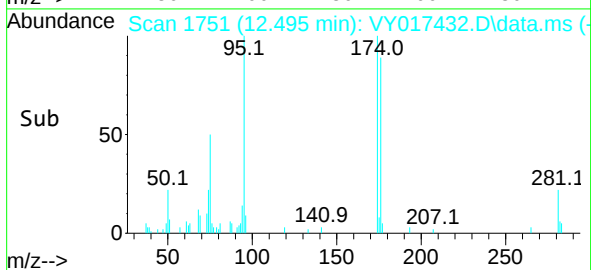
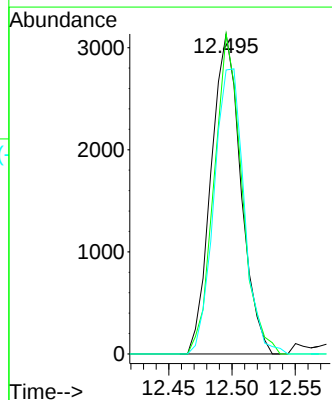
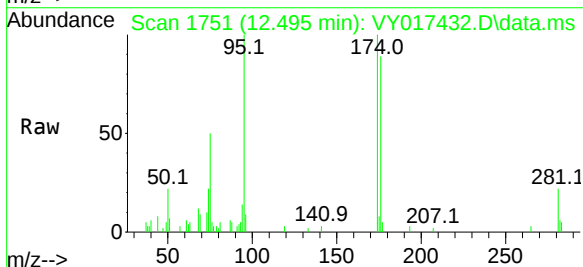
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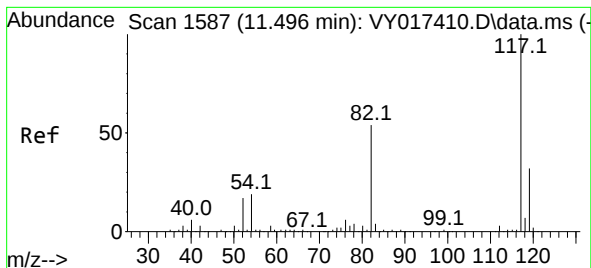
Tgt Ion: 98 Resp: 19057
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 29.635 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017432.D
Acq: 21 Feb 2024 12:58

Tgt Ion: 95 Resp: 5130
Ion Ratio Lower Upper
95 100
174 93.1 0.0 175.6
176 90.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017432.D

Acq: 21 Feb 2024 12:58

Instrument :

MSVOA_Y

ClientSampleId :

287

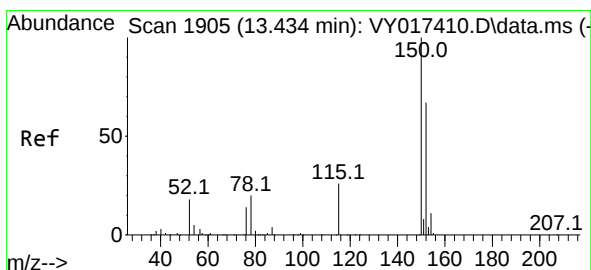
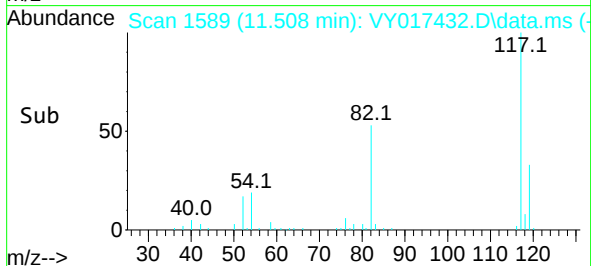
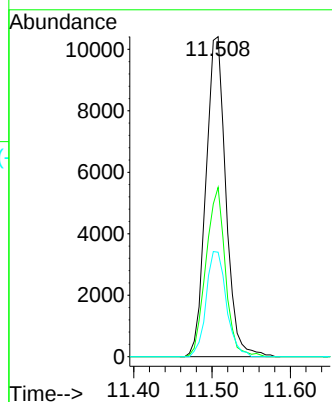
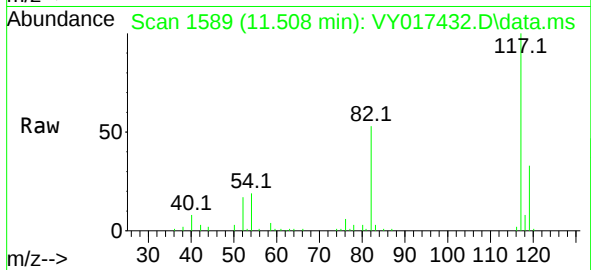
Tgt Ion:117 Resp: 18395

Ion Ratio Lower Upper

117 100

82 52.9 42.4 63.6

119 32.7 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: VY017432.D

Acq: 21 Feb 2024 12:58

Tgt Ion:152 Resp: 6227

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 161.0 0.0 345.6

