

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017431.D
 Acq On : 21 Feb 2024 12:34
 Operator : SY/MD
 Sample : P1549-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HT3727

Quant Time: Feb 22 03:24:16 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	118024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	220450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	195737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	66905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	47075	46.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.380%
35) Dibromofluoromethane	7.734	113	53330	41.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.660%
50) Toluene-d8	10.197	98	192439	38.451	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.900%
62) 4-Bromofluorobenzene	12.495	95	50045	30.674	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.340%

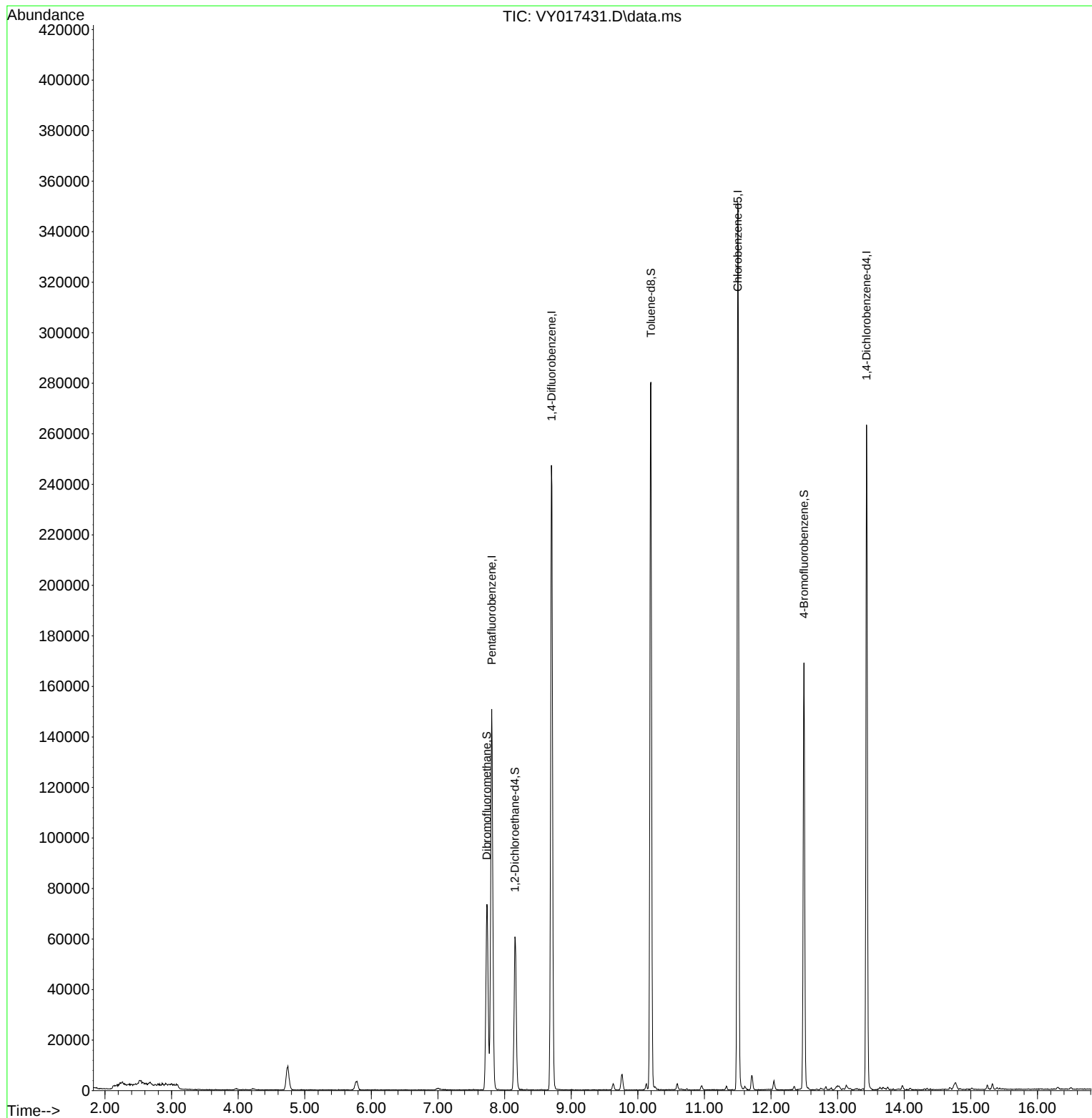
Target Compounds	Qvalue

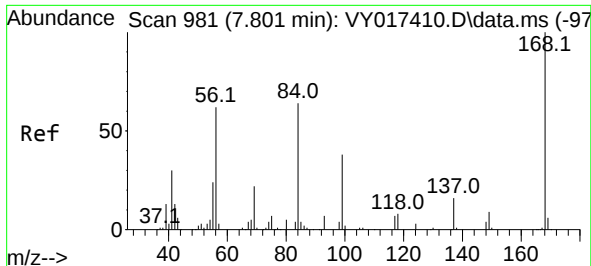
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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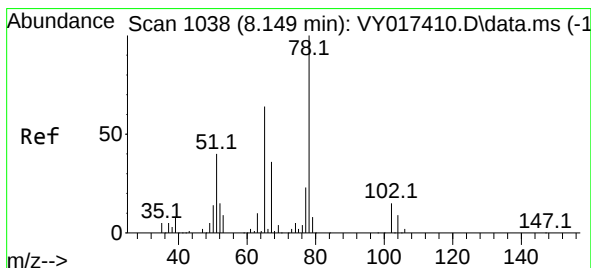
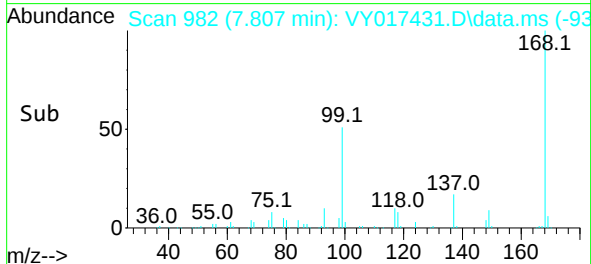
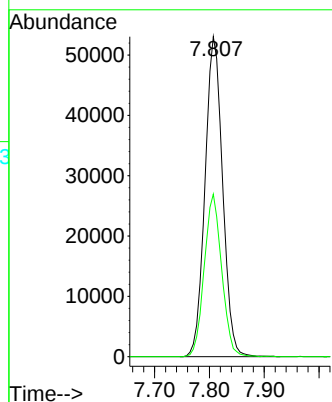
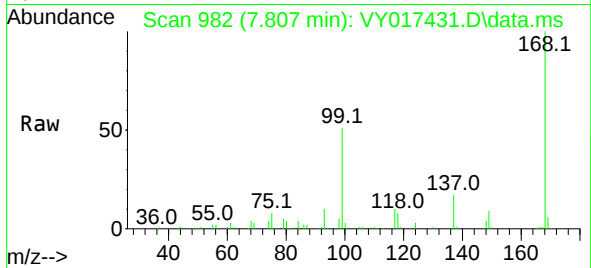




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017431.D
Acq: 21 Feb 2024 12:34

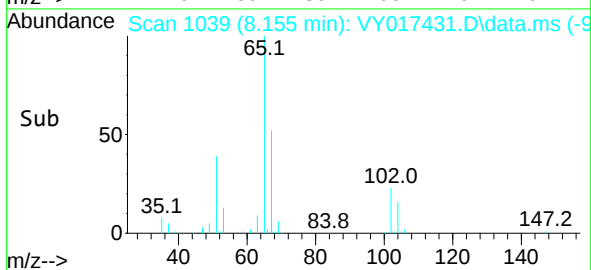
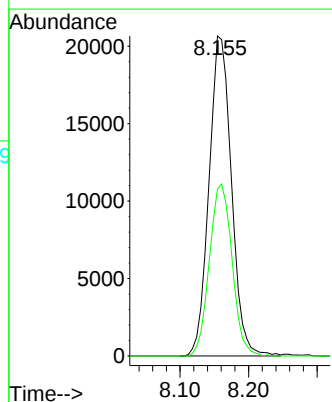
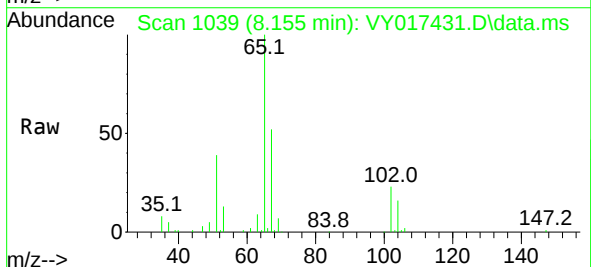
Instrument :
MSVOA_Y
ClientSampleId :
HT3727

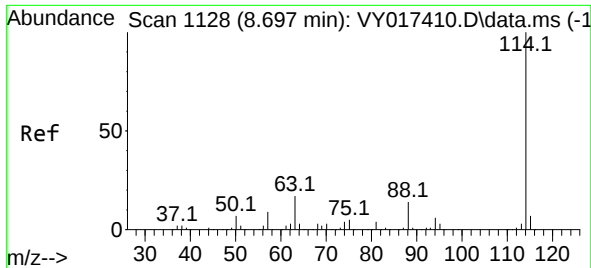
Tgt Ion:168 Resp: 118024
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 46.689 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017431.D
Acq: 21 Feb 2024 12:34

Tgt Ion: 65 Resp: 47075
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017431.D

Acq: 21 Feb 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

HT3727

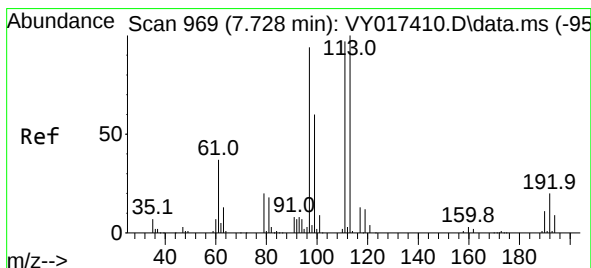
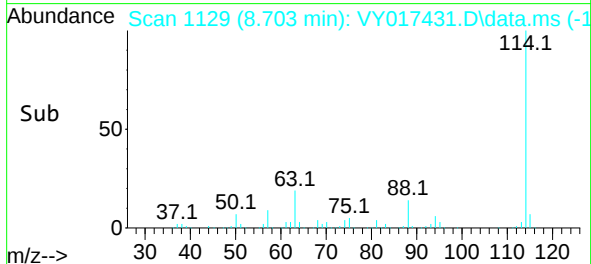
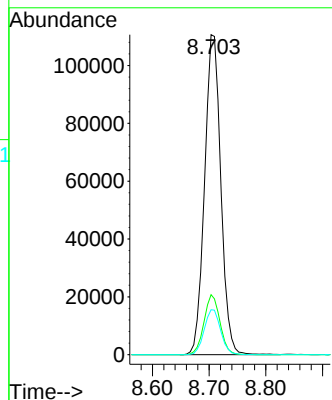
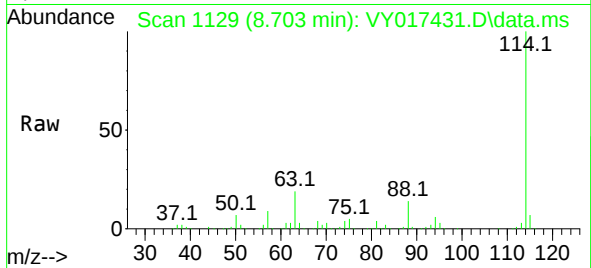
Tgt Ion:114 Resp: 220450

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.327 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017431.D

Acq: 21 Feb 2024 12:34

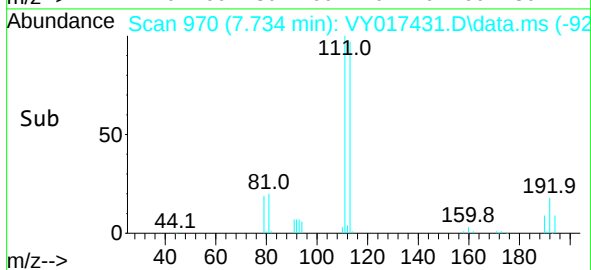
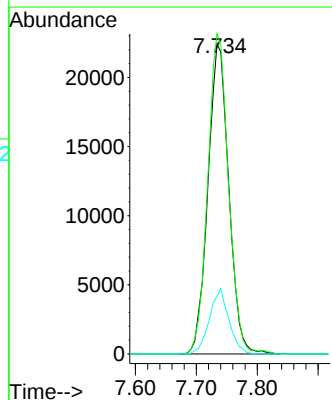
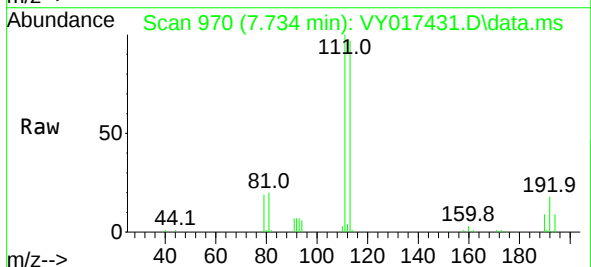
Tgt Ion:113 Resp: 53330

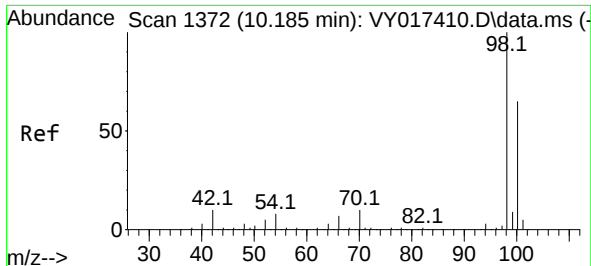
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 19.6 15.9 23.9

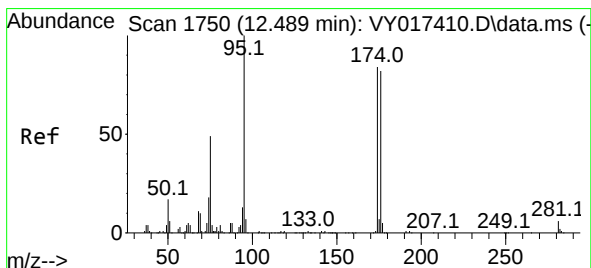
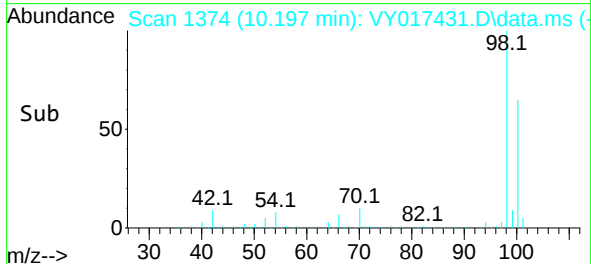
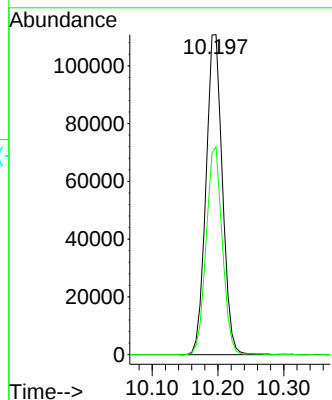
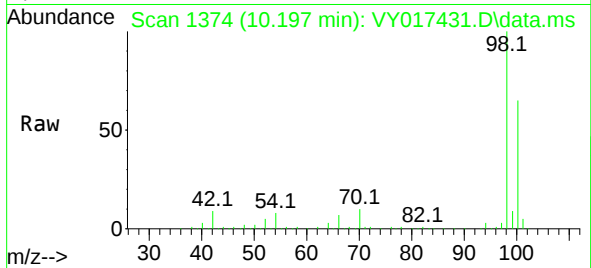




#50
Toluene-d8
Concen: 38.451 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017431.D
Acq: 21 Feb 2024 12:34

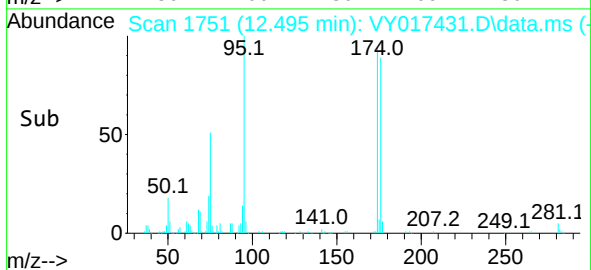
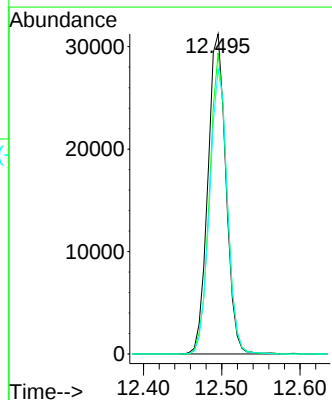
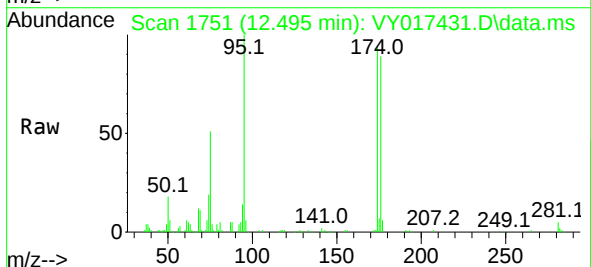
Instrument :
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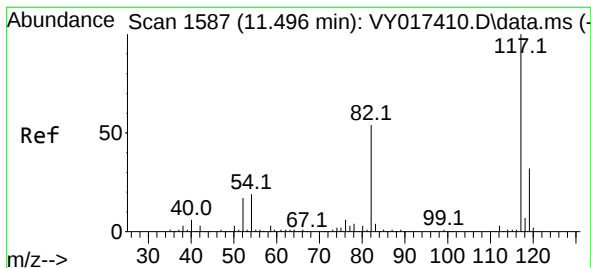
Tgt Ion: 98 Resp: 192439
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.674 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017431.D
Acq: 21 Feb 2024 12:34

Tgt Ion: 95 Resp: 50045
Ion Ratio Lower Upper
95 100
174 90.5 0.0 175.6
176 87.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017431.D

Acq: 21 Feb 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

HT3727

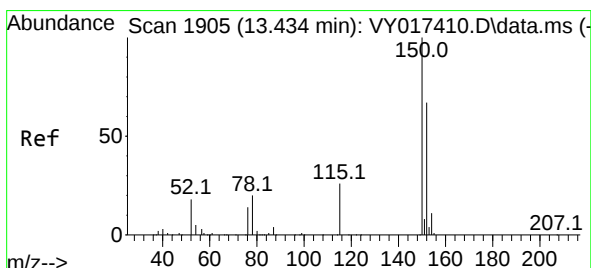
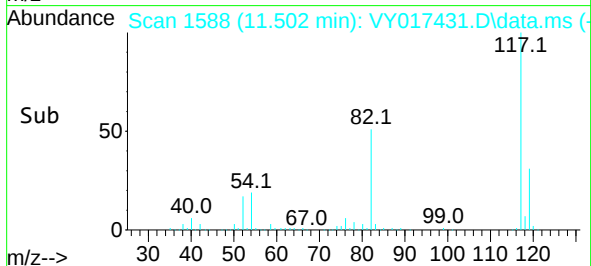
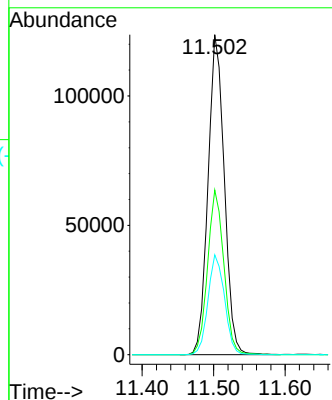
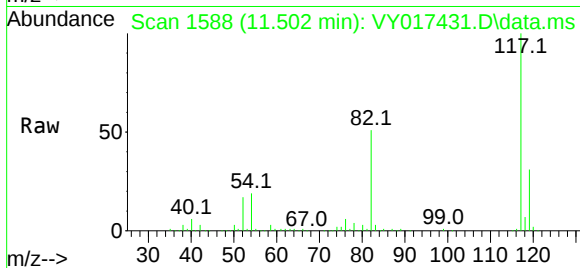
Tgt Ion:117 Resp: 195737

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 31.2 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: VY017431.D

Acq: 21 Feb 2024 12:34

Tgt Ion:152 Resp: 66905

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 159.6 0.0 345.6

