

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021218.D
 Acq On : 17 Feb 2025 13:41
 Operator : SY/MD
 Sample : Q1365-06RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 348RE

Quant Time: Feb 18 00:47:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	21012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	29106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	19427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	3641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	7579	35.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.400%
35) Dibromofluoromethane	7.646	113	8938	47.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.840%
50) Toluene-d8	10.115	98	33595	47.308	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.414	95	5630	24.267	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	48.540%

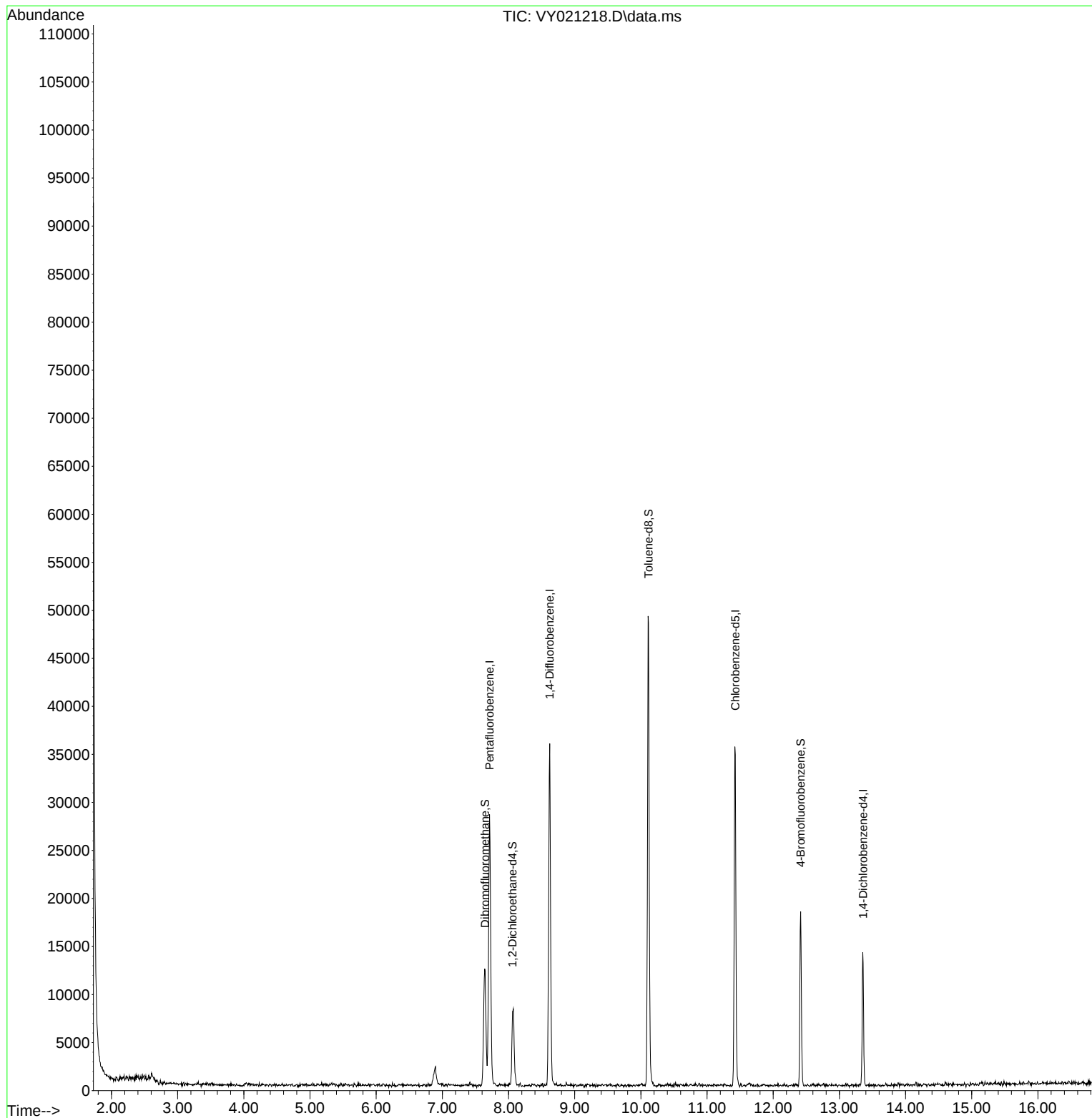
Target Compounds	Qvalue

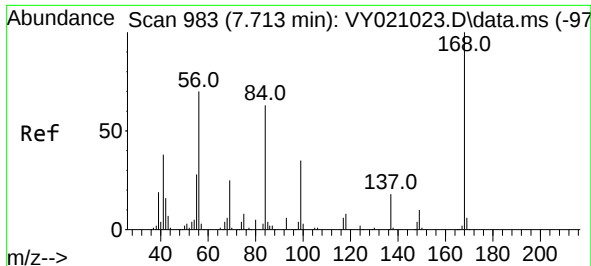
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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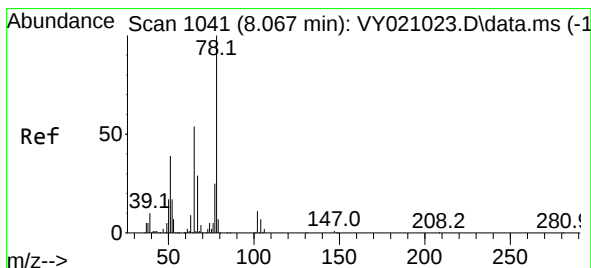
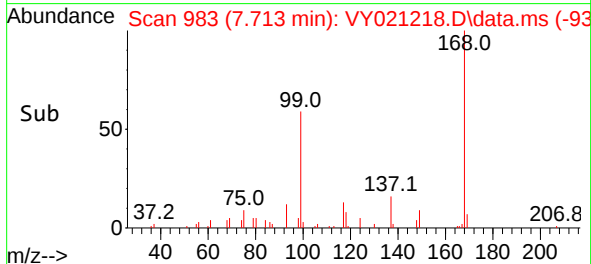
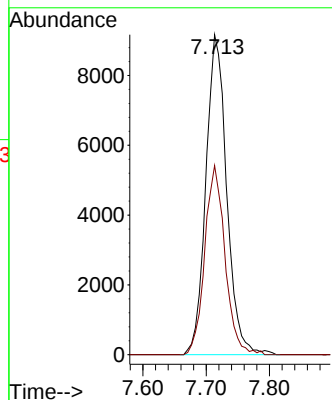
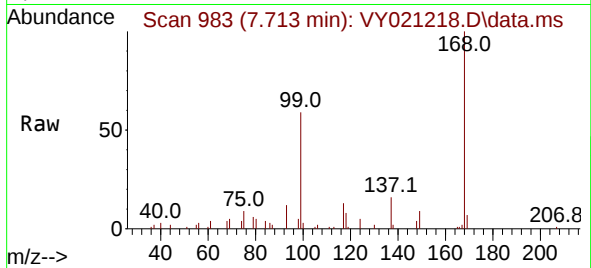




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

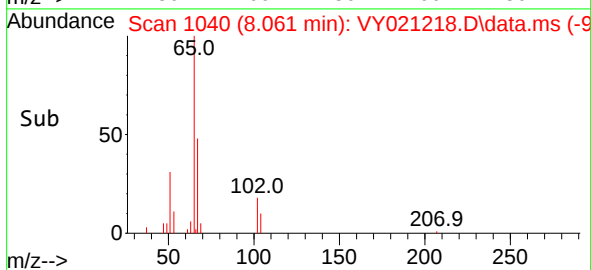
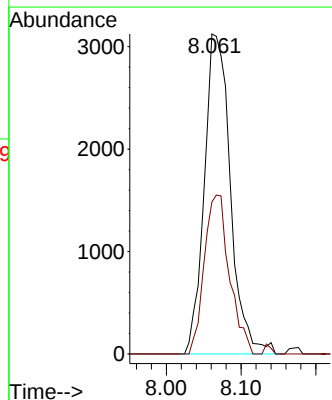
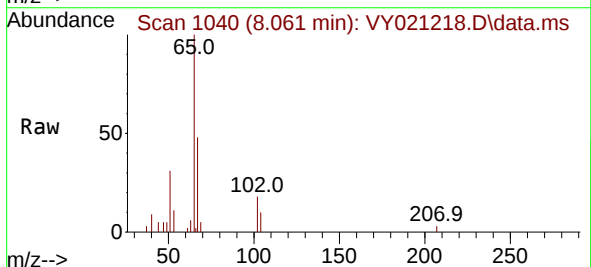
Instrument :
MSVOA_Y
ClientSampleId :
348RE

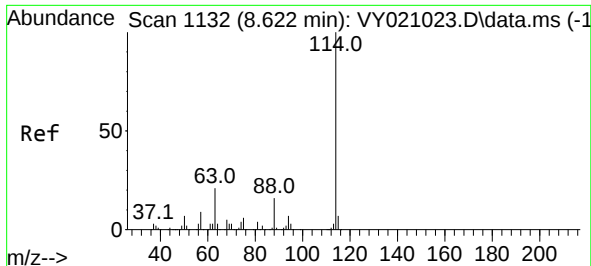
Tgt Ion:168 Resp: 21012
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 35.205 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

Tgt Ion: 65 Resp: 7579
Ion Ratio Lower Upper
65 100
67 47.9 0.0 109.0

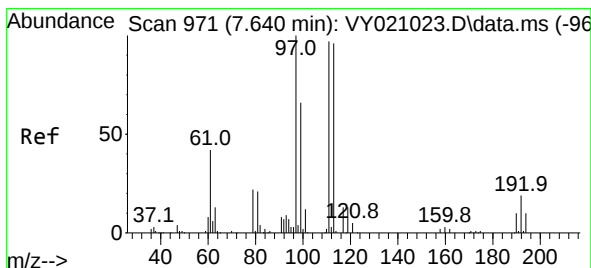
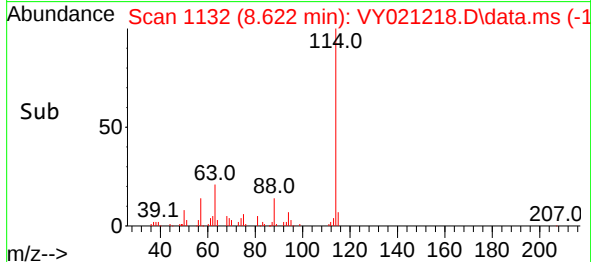
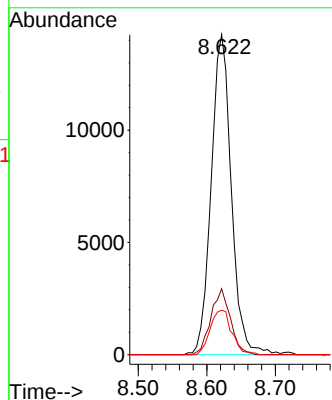
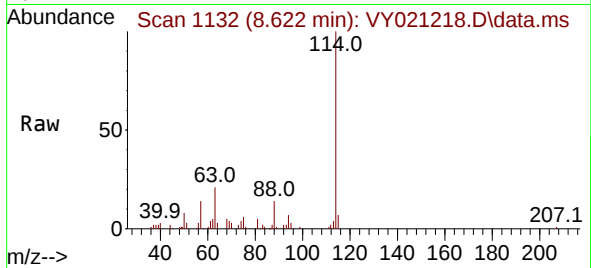




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

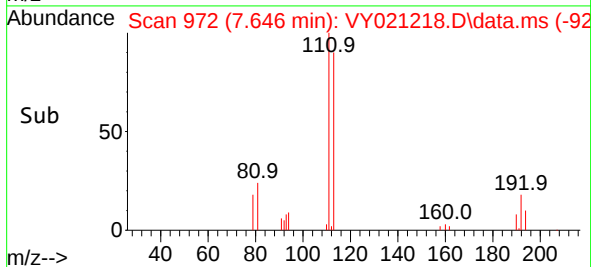
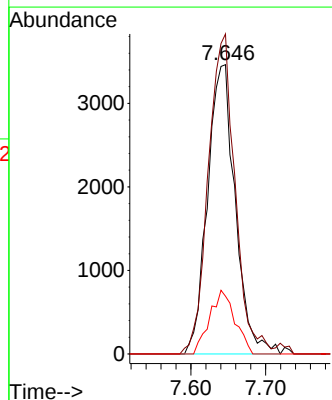
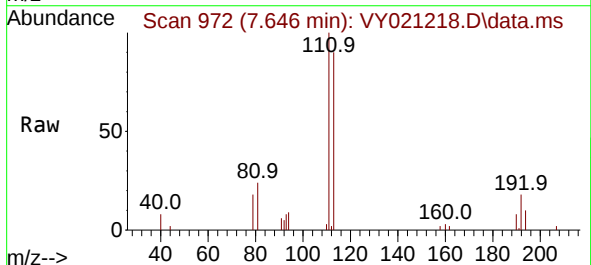
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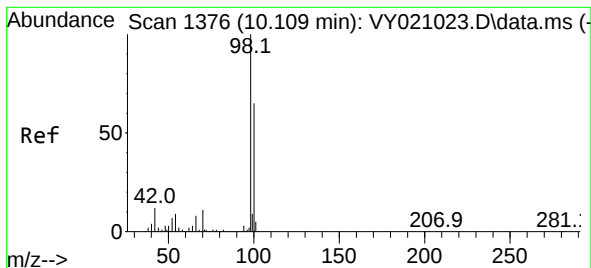
Tgt Ion:114 Resp: 29106
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.4
88 13.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 47.917 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

Tgt Ion:113 Resp: 8938
Ion Ratio Lower Upper
113 100
111 106.9 83.8 125.6
192 20.0 14.5 21.7

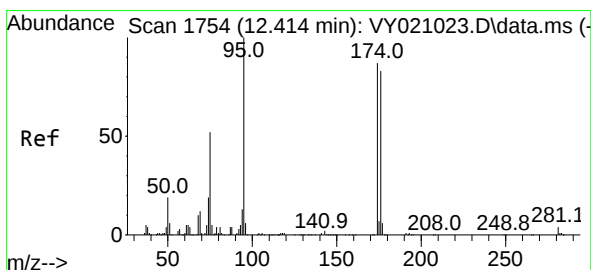
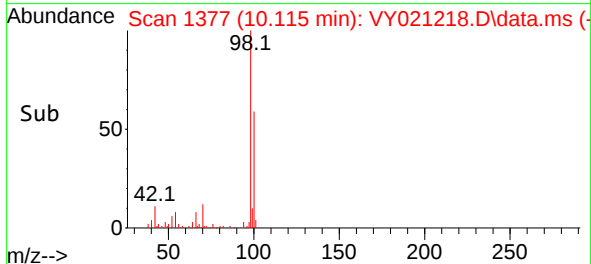
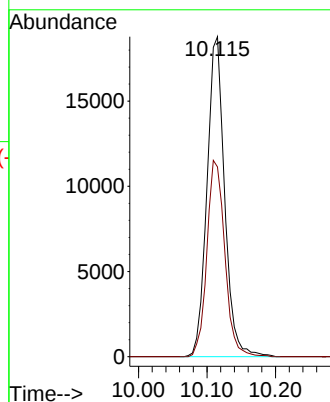
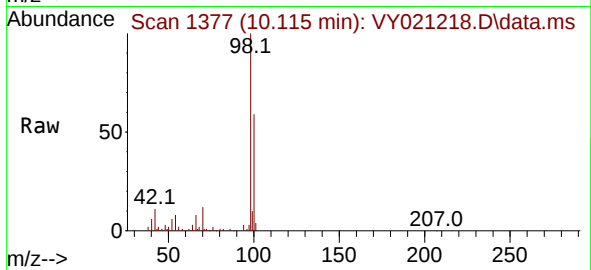




#50
Toluene-d8
Concen: 47.308 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

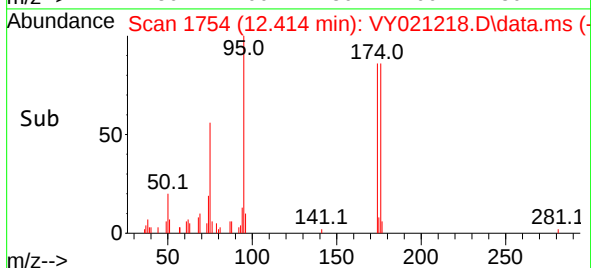
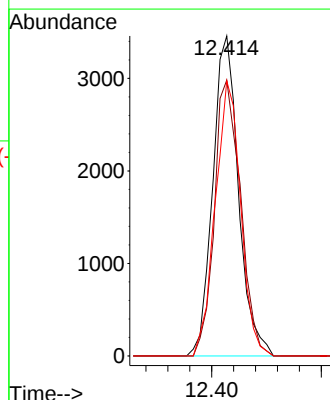
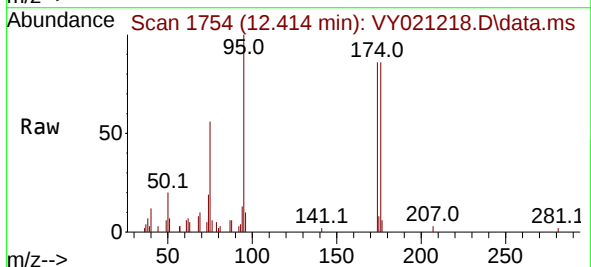
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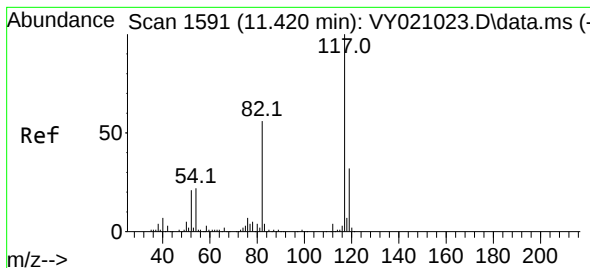
Tgt Ion: 98 Resp: 33595
Ion Ratio Lower Upper
98 100
100 62.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 24.267 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021218.D
Acq: 17 Feb 2025 13:41

Tgt Ion: 95 Resp: 5630
Ion Ratio Lower Upper
95 100
174 87.5 0.0 160.0
176 84.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021218.D

Acq: 17 Feb 2025 13:41

Instrument :

MSVOA_Y

ClientSampleId :

348RE

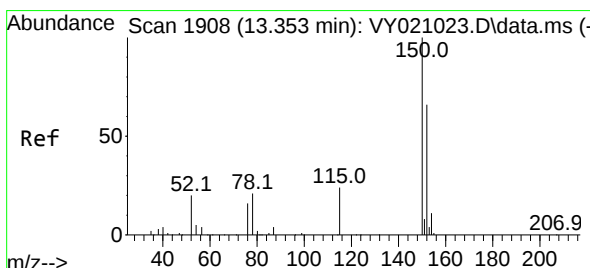
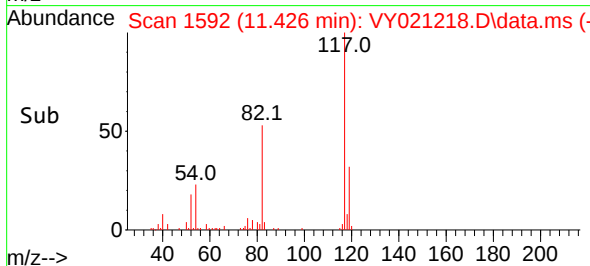
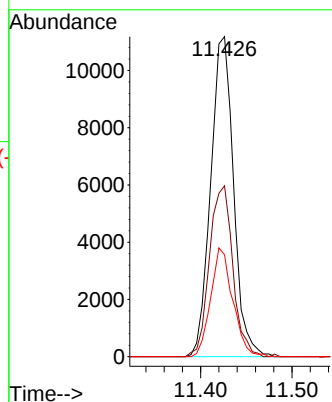
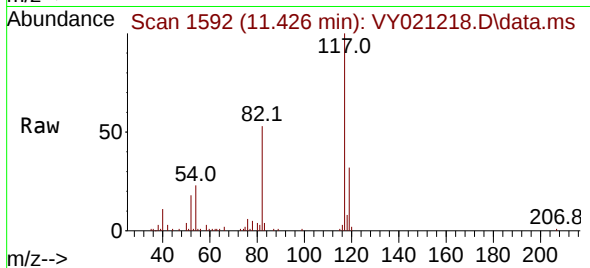
Tgt Ion:117 Resp: 19427

Ion Ratio Lower Upper

117 100

82 53.4 43.8 65.8

119 31.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021218.D

Acq: 17 Feb 2025 13:41

Tgt Ion:152 Resp: 3641

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 148.5 0.0 344.6

