

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021917.D
 Acq On : 18 Apr 2025 09:20
 Operator : SY/MD
 Sample : VY0418SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBL01

Quant Time: Apr 19 01:07:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	223760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	416806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	359377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	134048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128356	52.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.880%
35) Dibromofluoromethane	7.634	113	140065	51.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.600%
50) Toluene-d8	10.109	98	503606	48.961	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.408	95	139872	40.203	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.400%

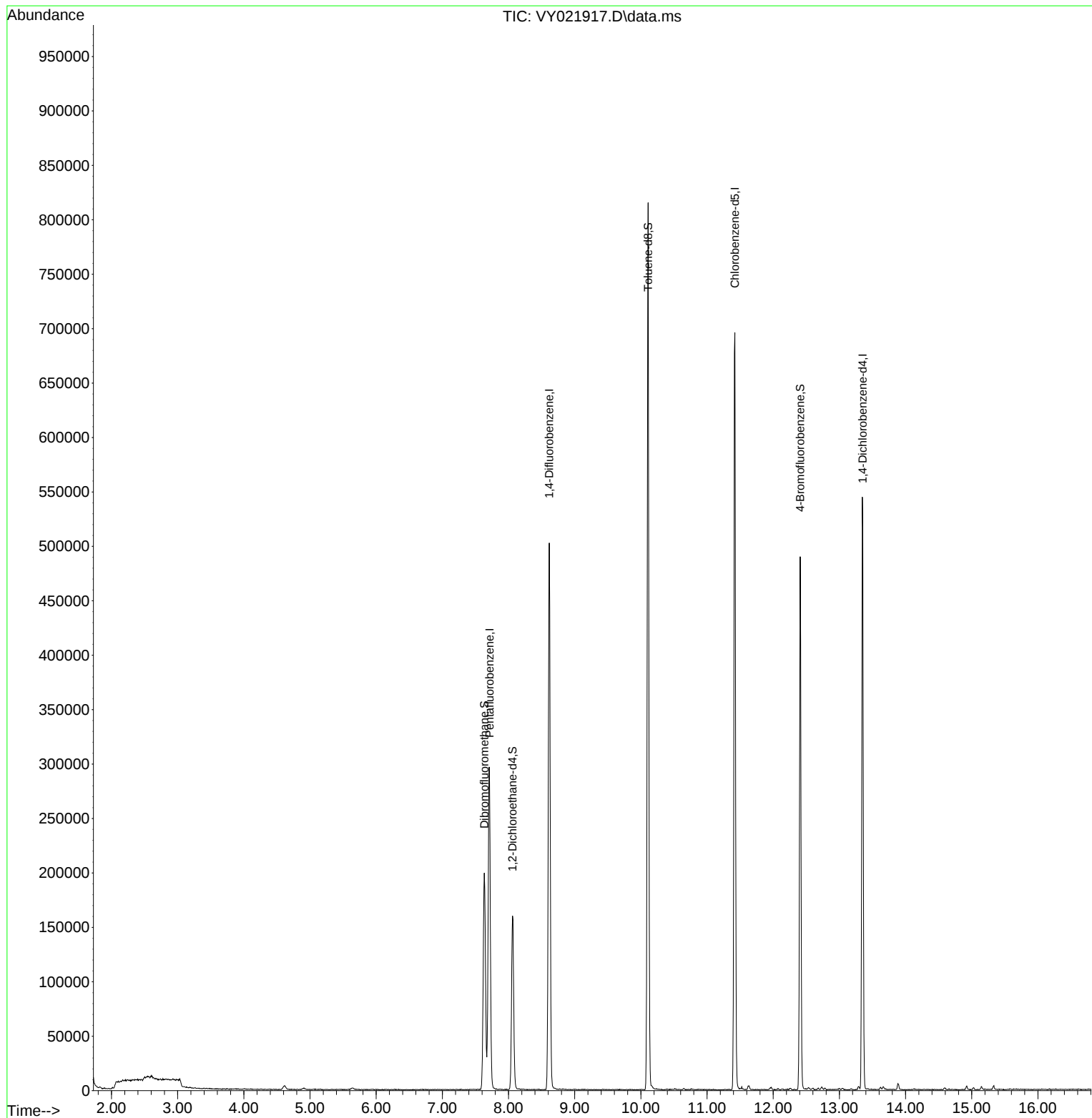
Target Compounds	Qvalue

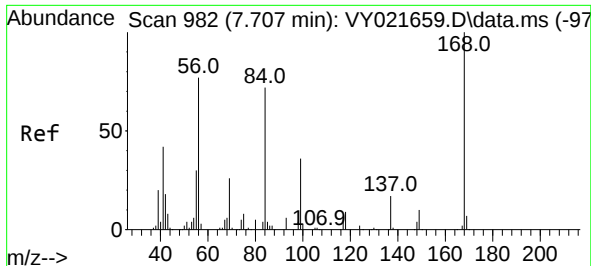
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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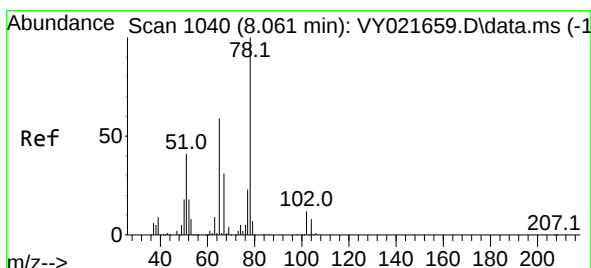
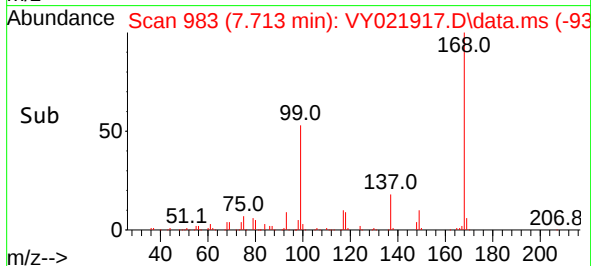
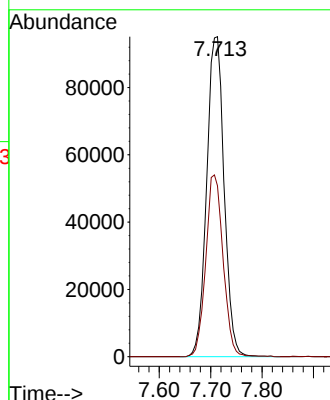
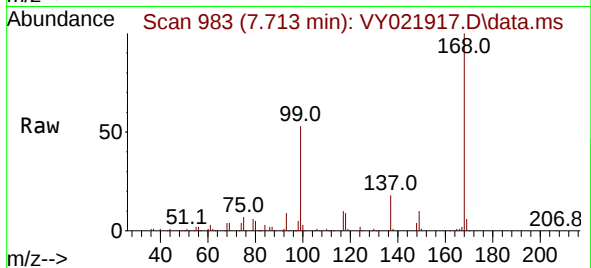




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

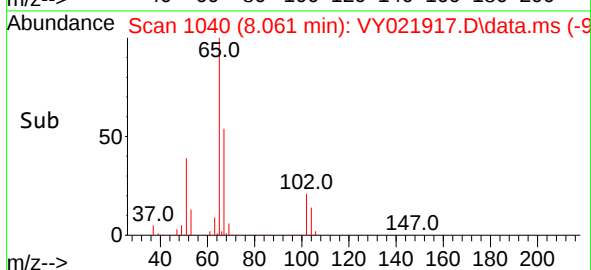
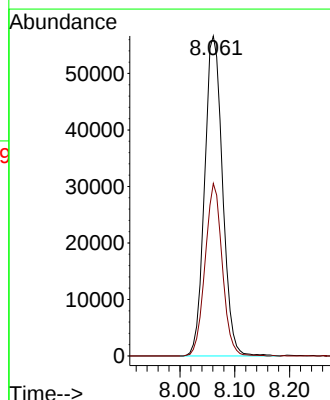
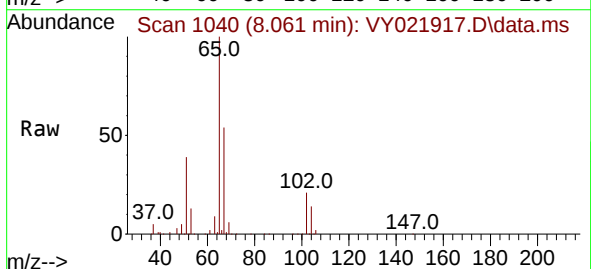
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

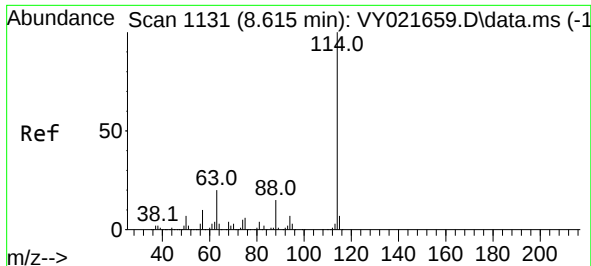
Tgt Ion:168 Resp: 223760
Ion Ratio Lower Upper
168 100
99 53.4 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 52.944 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

Tgt Ion: 65 Resp: 128356
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6

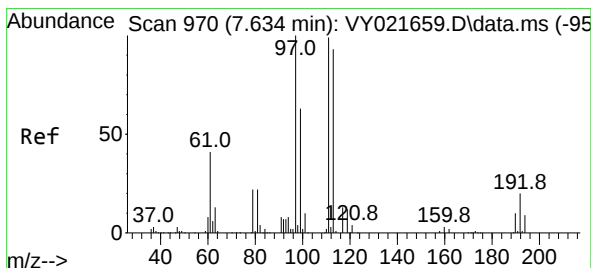
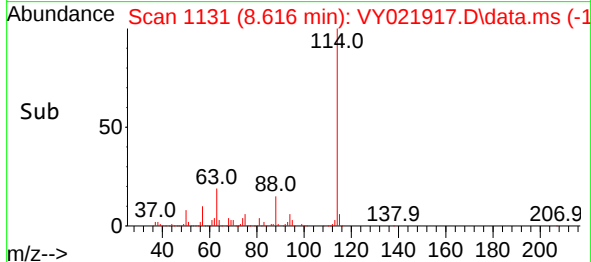
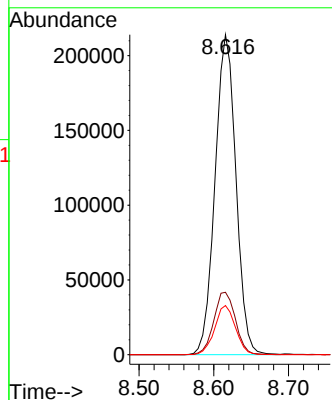
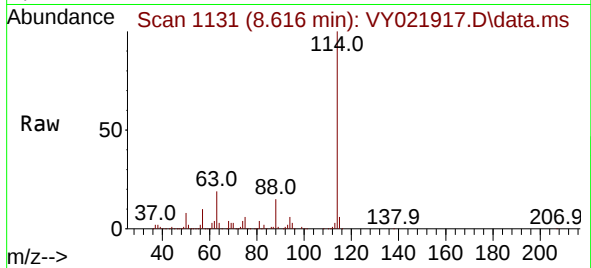




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

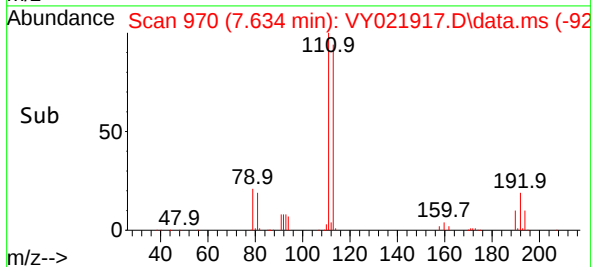
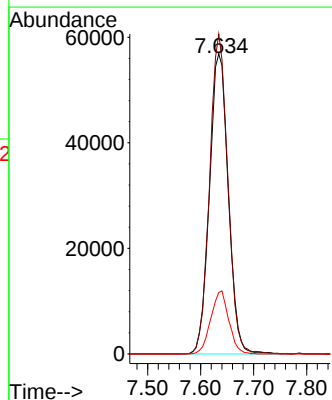
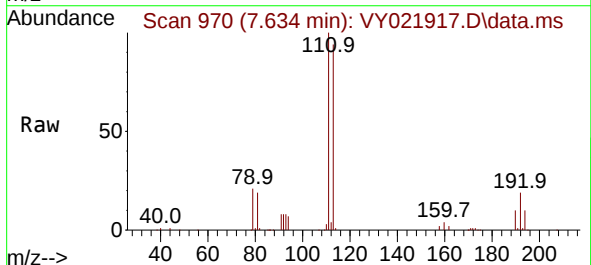
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VY0418SBL01

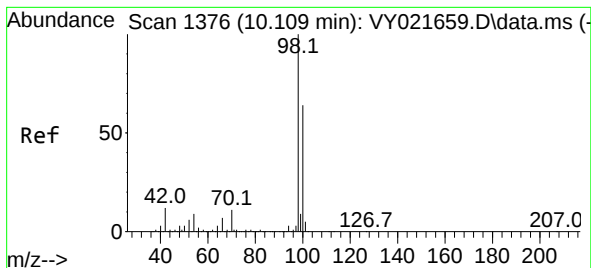
Tgt Ion:114 Resp: 416806
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.2
88 15.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 51.804 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

Tgt Ion:113 Resp: 140065
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 20.2 16.2 24.4

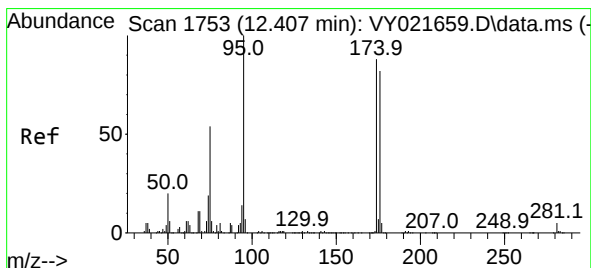
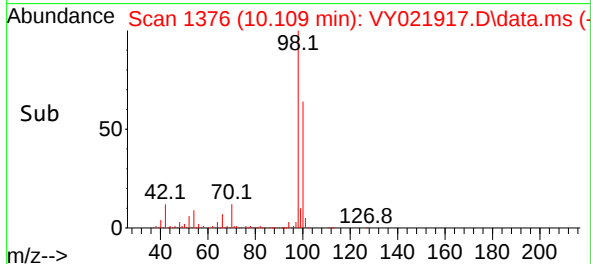
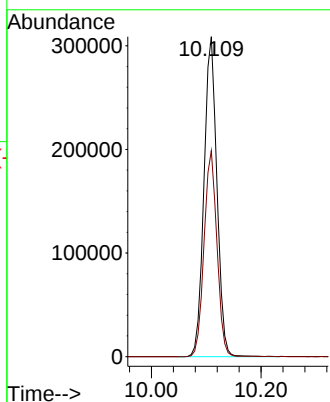
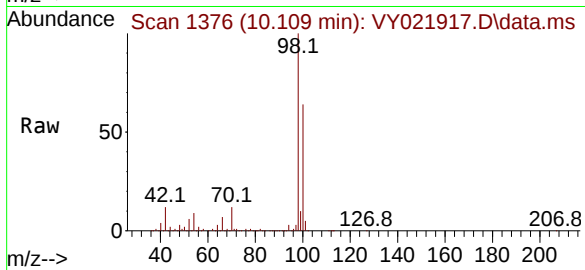




#50
Toluene-d8
Concen: 48.961 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

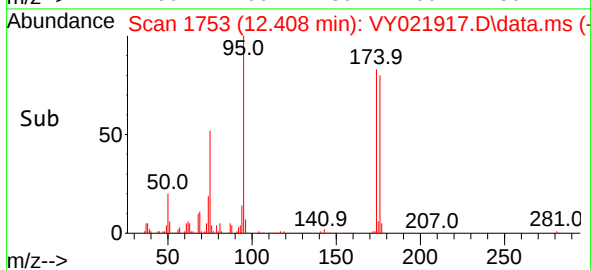
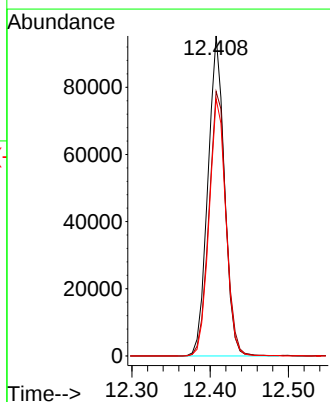
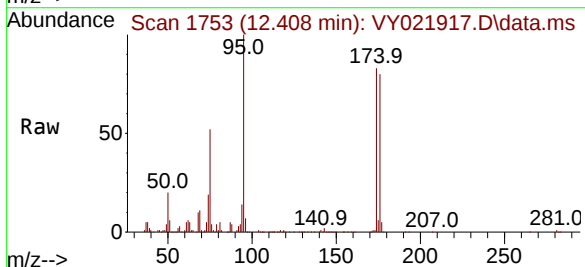
Instrument :
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VY0418SBL01

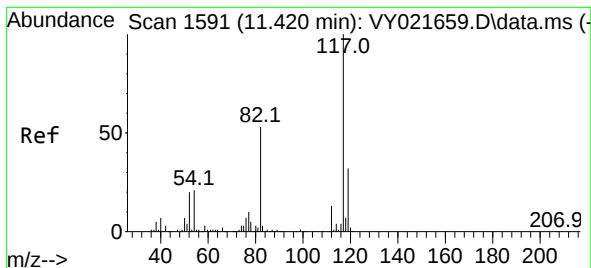
Tgt Ion: 98 Resp: 503606
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.203 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

Tgt Ion: 95 Resp: 139872
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.8
176 81.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021917.D

Acq: 18 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBL01

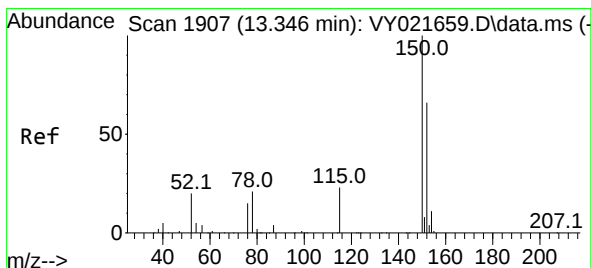
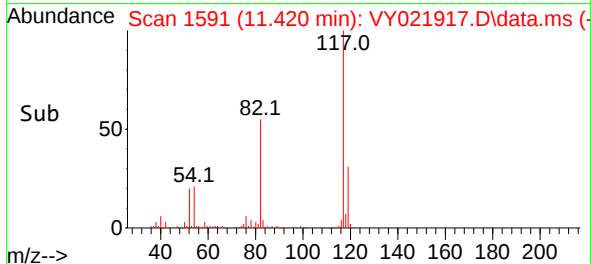
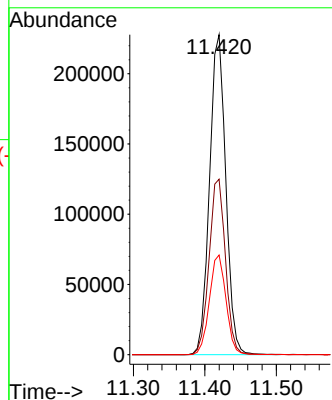
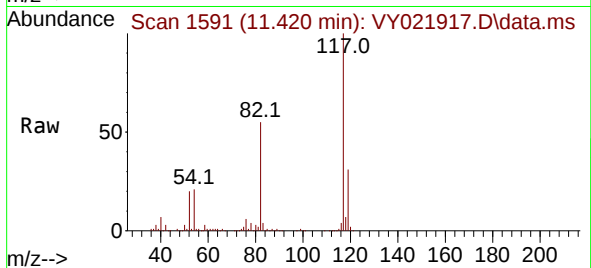
Tgt Ion:117 Resp: 359377

Ion Ratio Lower Upper

117 100

82 54.9 42.8 64.2

119 31.2 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021917.D

Acq: 18 Apr 2025 09:20

Tgt Ion:152 Resp: 134048

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 158.0 0.0 348.4

