

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021921.D
 Acq On : 18 Apr 2025 11:26
 Operator : SY/MD
 Sample : Q1818-03
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3873

Quant Time: Apr 19 01:10:25 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	7.707	168	170675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	295979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	241465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	86441	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	87357	47.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.480%
35) Dibromofluoromethane	7.634	113	99156	51.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.109	98	349298	47.822	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.407	95	89983	36.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.840%

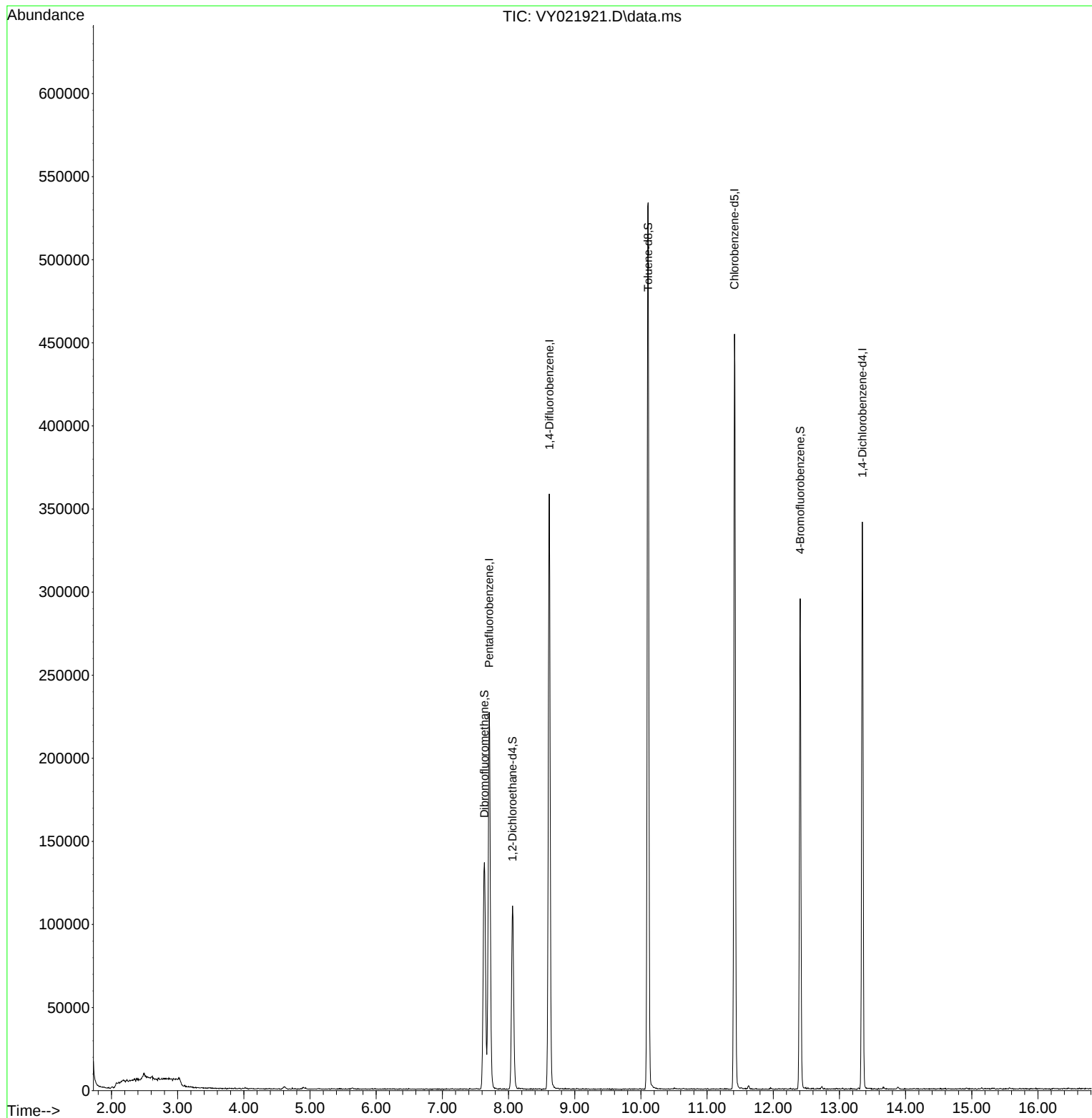
Target Compounds	Qvalue

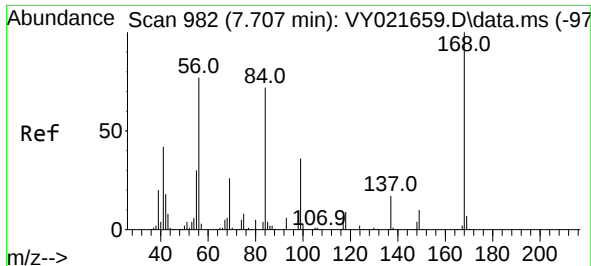
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
Data File : VY021921.D
Acq On : 18 Apr 2025 11:26
Operator : SY/MD
Sample : Q1818-03
Misc : 4.74g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RT-3873

Quant Time: Apr 19 01:10:25 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

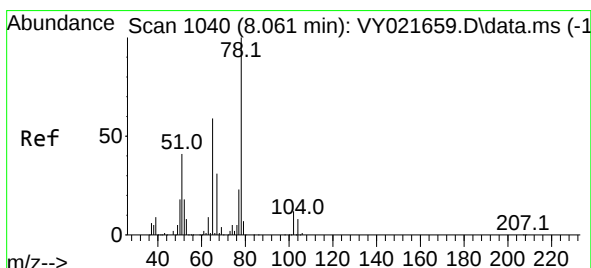
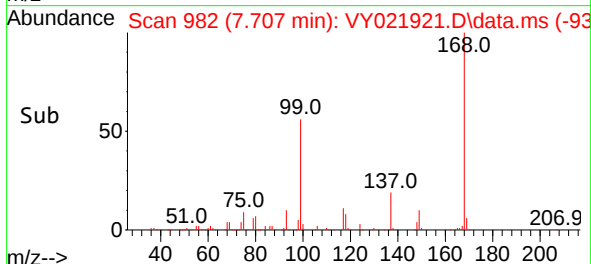
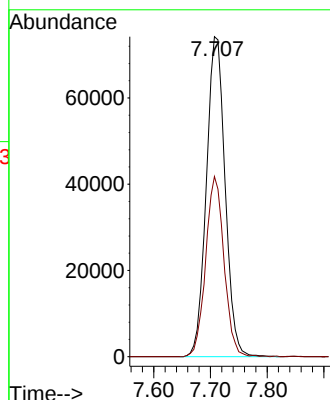
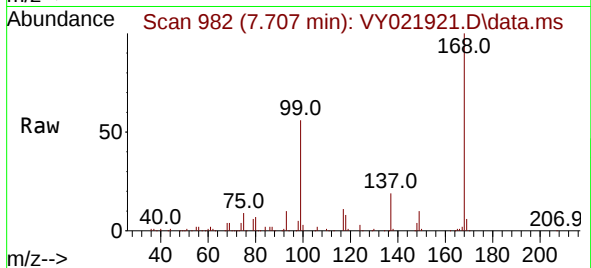




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021921.D
Acq: 18 Apr 2025 11:26

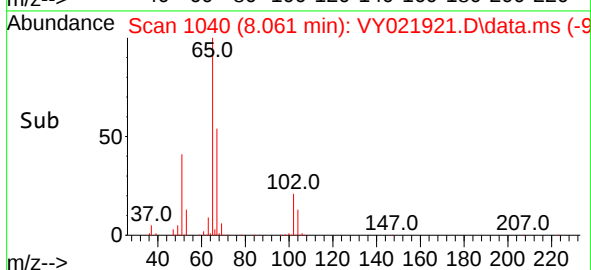
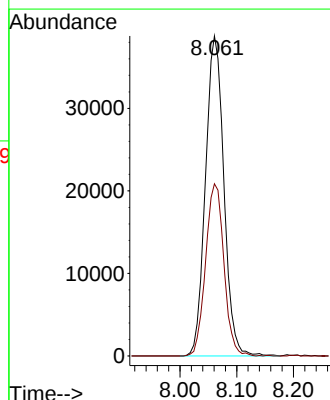
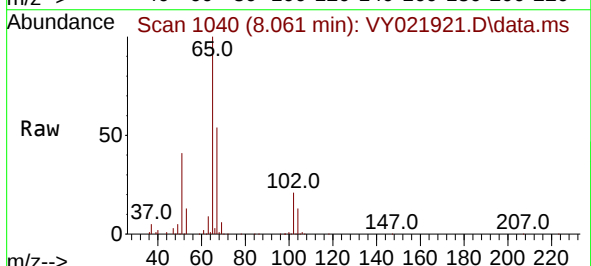
Instrument :
MSVOA_Y
ClientSampleId :
RT-3873

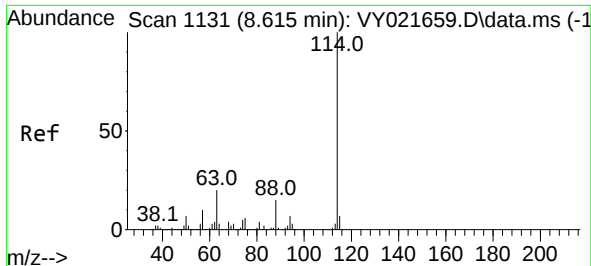
Tgt Ion:168 Resp: 170675
Ion Ratio Lower Upper
168 100
99 56.3 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 47.240 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021921.D
Acq: 18 Apr 2025 11:26

Tgt Ion: 65 Resp: 87357
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.6

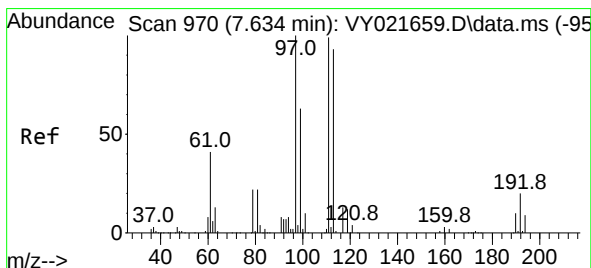
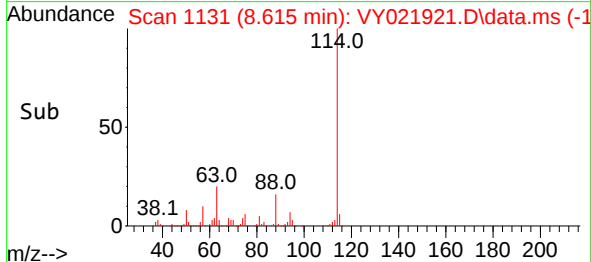
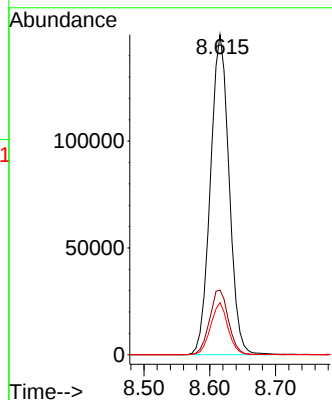
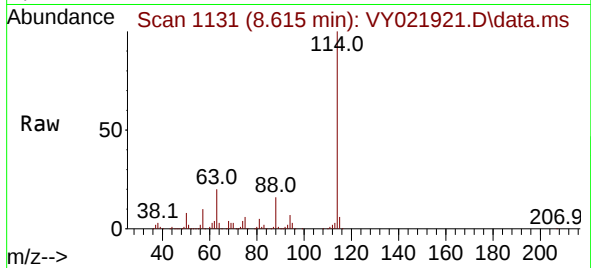




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021921.D
Acq: 18 Apr 2025 11:26

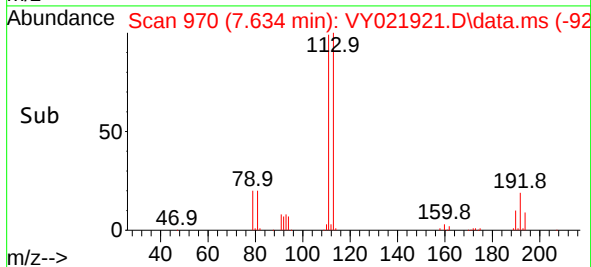
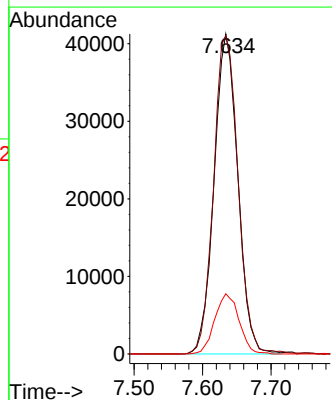
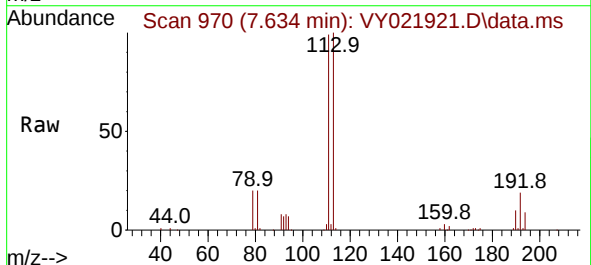
Instrument :
MSVOA_Y
ClientSampleId :
RT-3873

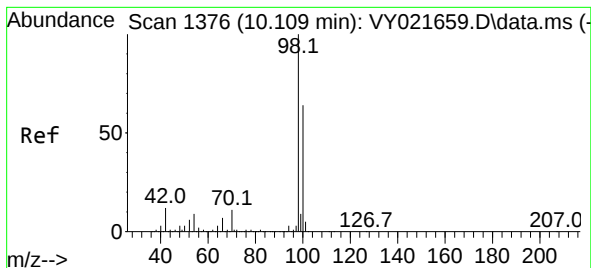
Tgt Ion:114 Resp: 295979
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.2
88 16.3 0.0 29.8



#35
Dibromofluoromethane
Concen: 51.645 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021921.D
Acq: 18 Apr 2025 11:26

Tgt Ion:113 Resp: 99156
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.2 16.2 24.4

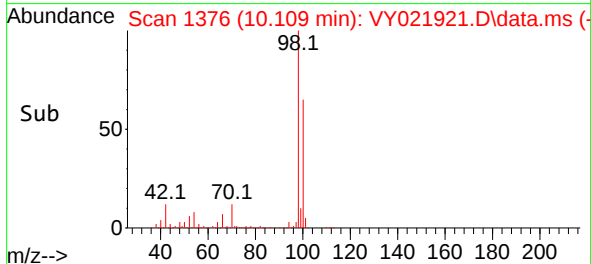
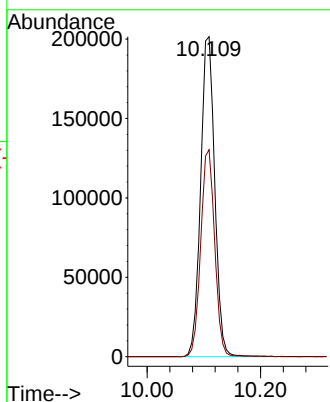
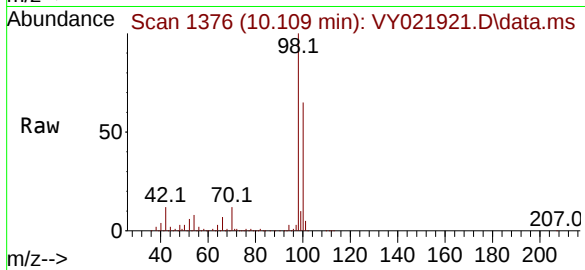




#50
Toluene-d8
Concen: 47.822 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021921.D
Acq: 18 Apr 2025 11:26

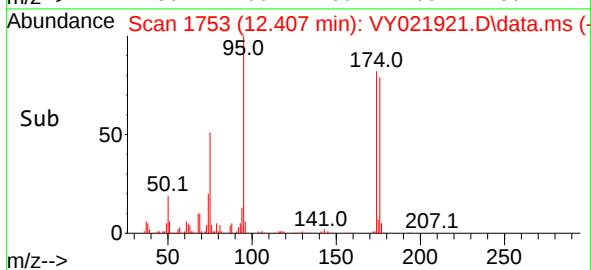
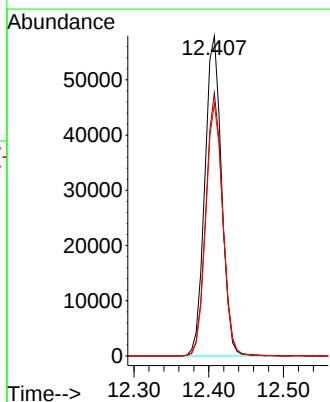
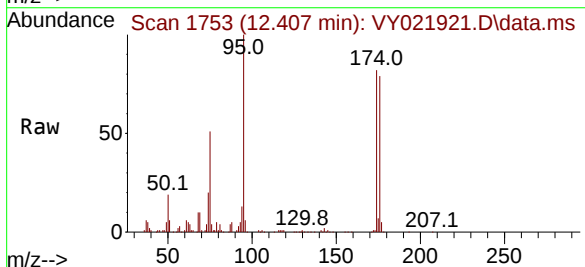
Instrument :
MSVOA_Y
ClientSampleId :
RT-3873

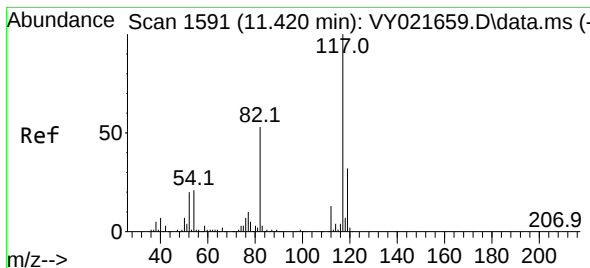
Tgt Ion: 98 Resp: 349298
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 36.421 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021921.D
Acq: 18 Apr 2025 11:26

Tgt Ion: 95 Resp: 89983
Ion Ratio Lower Upper
95 100
174 82.8 0.0 170.8
176 80.2 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021921.D

Acq: 18 Apr 2025 11:26

Instrument :

MSVOA_Y

ClientSampleId :

RT-3873

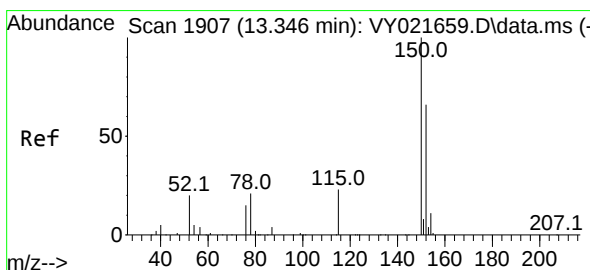
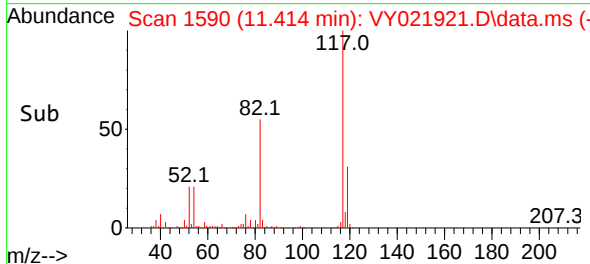
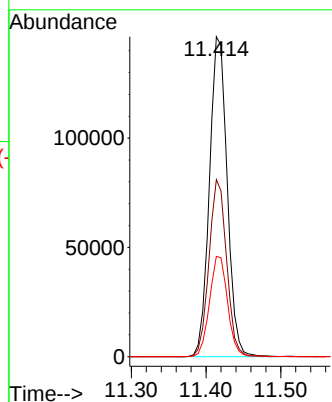
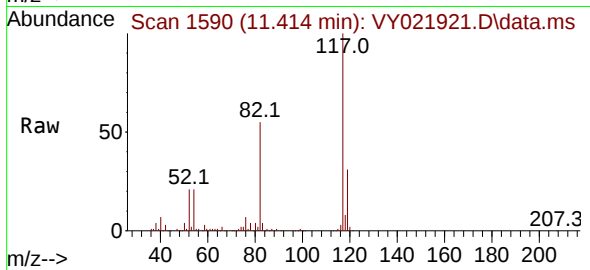
Tgt Ion:117 Resp: 241465

Ion Ratio Lower Upper

117 100

82 55.4 42.8 64.2

119 31.4 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021921.D

Acq: 18 Apr 2025 11:26

Tgt Ion:152 Resp: 86441

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.3 0.0 348.4

