

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021913.D
 Acq On : 17 Apr 2025 16:02
 Operator : SY/MD
 Sample : Q1828-03
 Misc : 3.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT5417

Quant Time: Apr 18 04:00:43 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	222968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	419226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	351747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	129612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122115	50.549	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.100%
35) Dibromofluoromethane	7.634	113	136045	50.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.109	98	497998	48.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.408	95	133345	38.105	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.220%

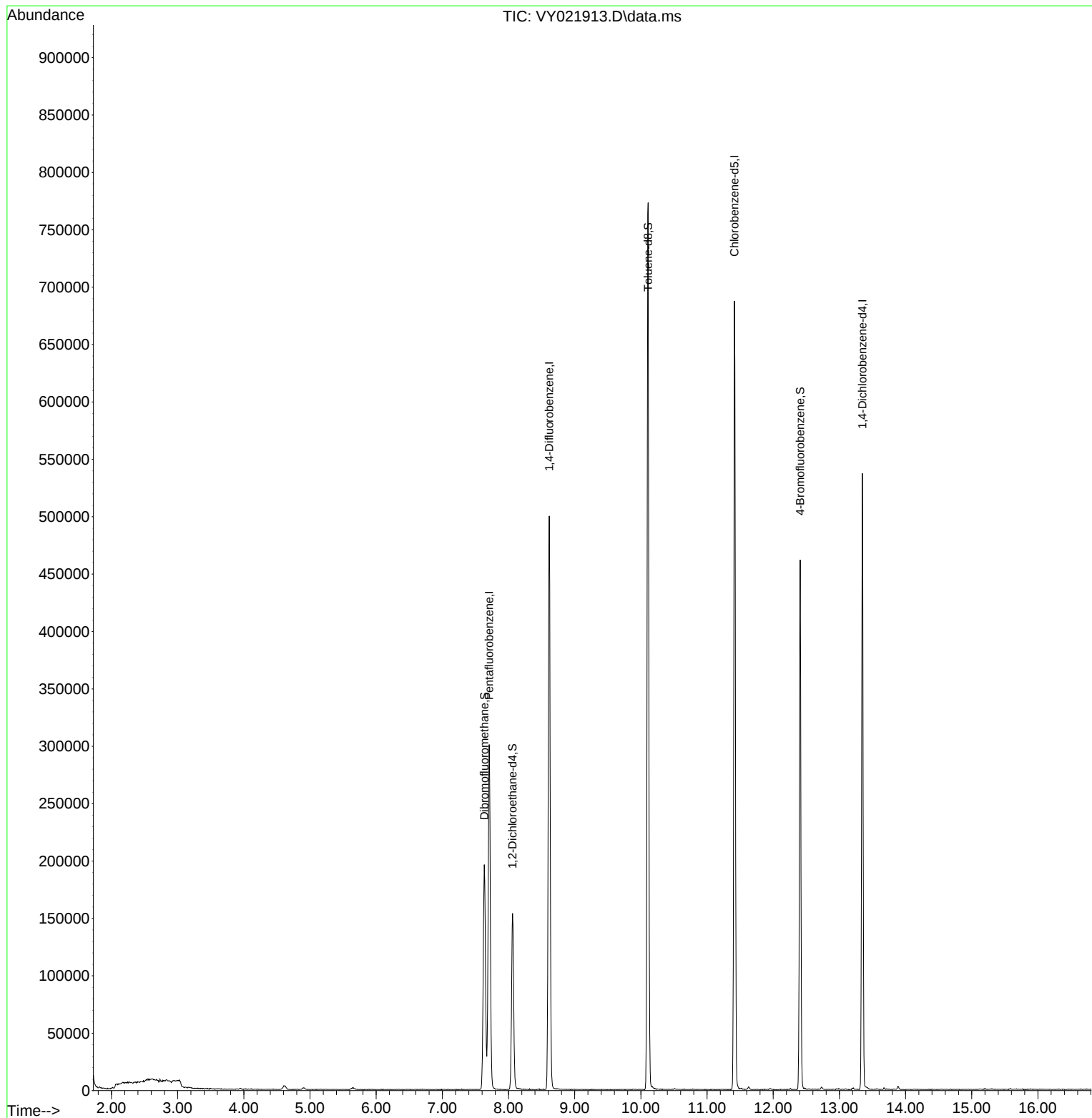
Target Compounds	Qvalue

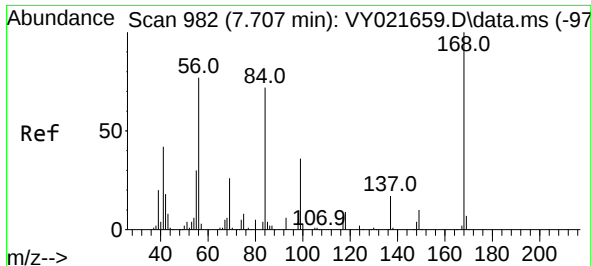
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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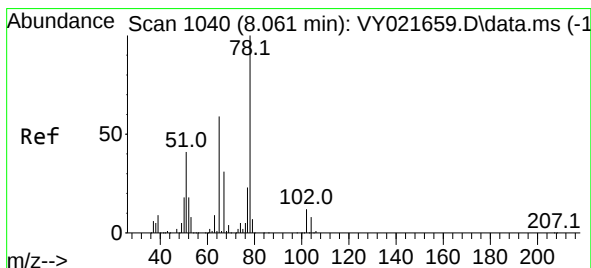
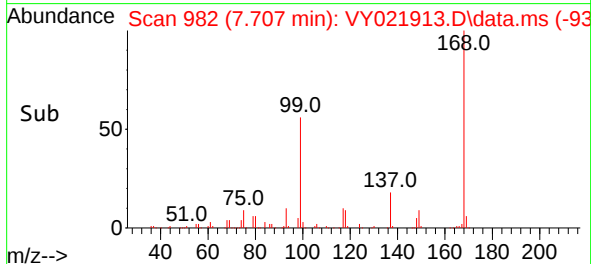
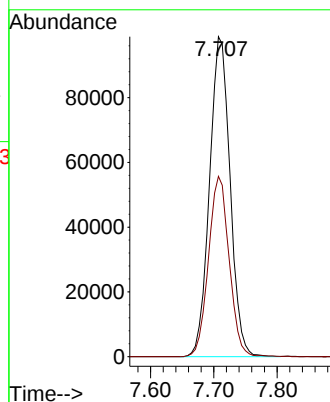
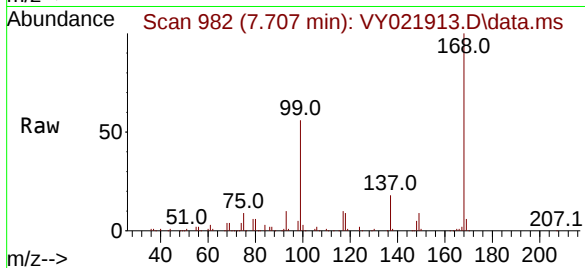




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021913.D
Acq: 17 Apr 2025 16:02

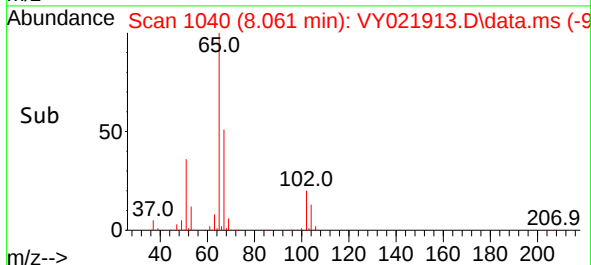
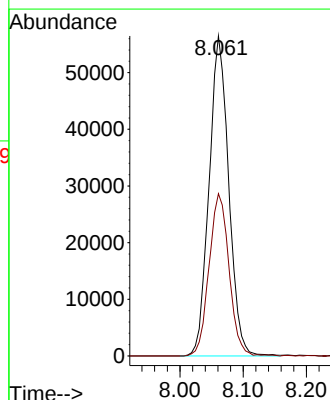
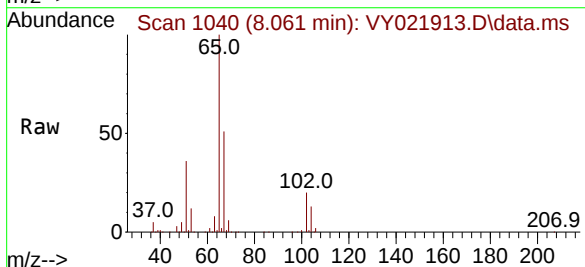
Instrument :
MSVOA_Y
ClientSampleId :
RT5417

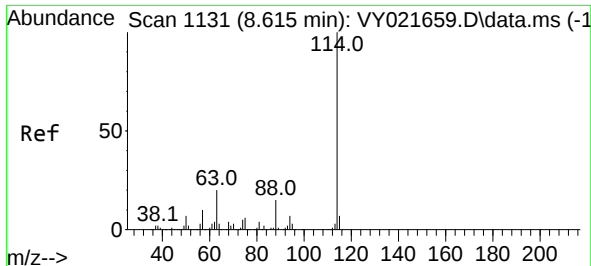
Tgt Ion:168 Resp: 222968
Ion Ratio Lower Upper
168 100
99 56.4 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 50.549 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021913.D
Acq: 17 Apr 2025 16:02

Tgt Ion: 65 Resp: 122115
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6

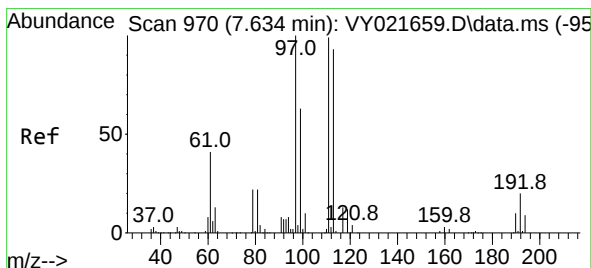
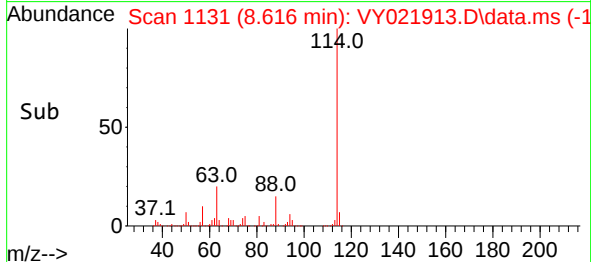
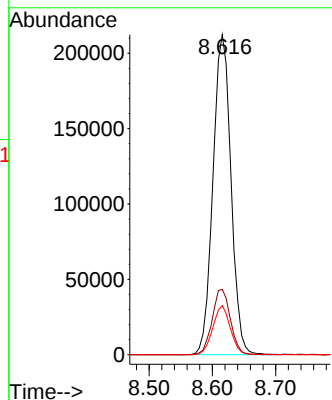
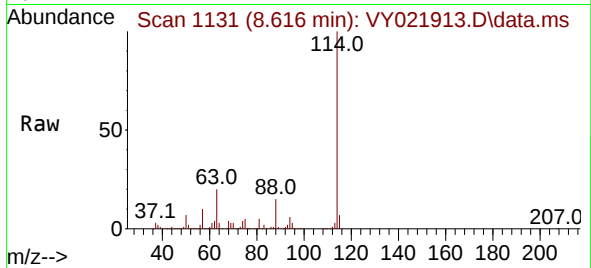




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021913.D
Acq: 17 Apr 2025 16:02

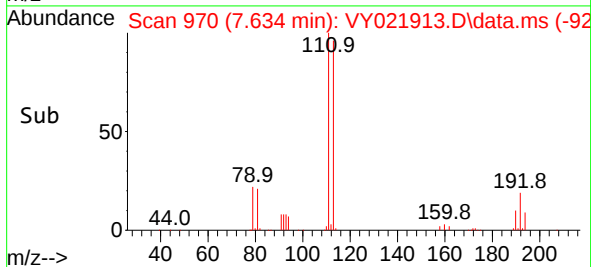
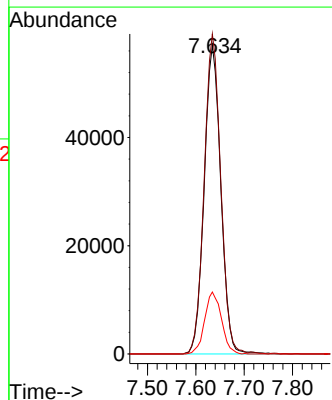
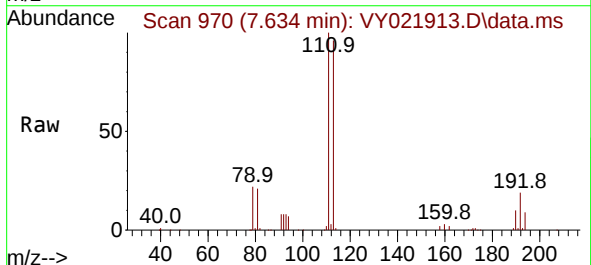
Instrument :
MSVOA_Y
ClientSampleId :
RT5417

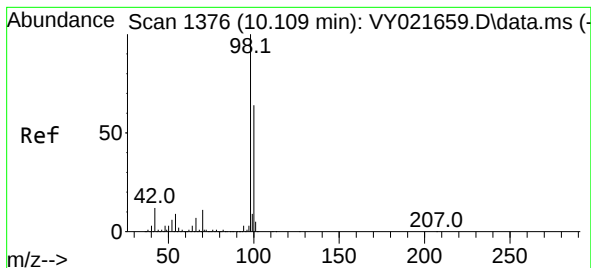
Tgt Ion:114 Resp: 419226
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.2
88 15.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.027 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021913.D
Acq: 17 Apr 2025 16:02

Tgt Ion:113 Resp: 136045
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 20.3 16.2 24.4





#50

Toluene-d8

Concen: 48.136 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021913.D

Acq: 17 Apr 2025 16:02

Instrument :

MSVOA_Y

ClientSampleId :

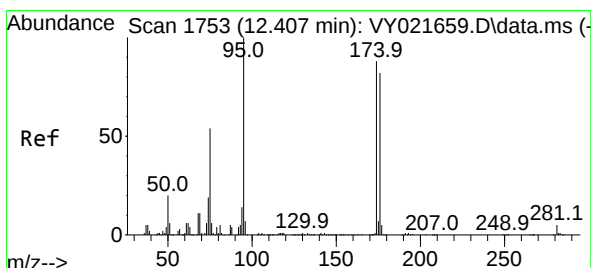
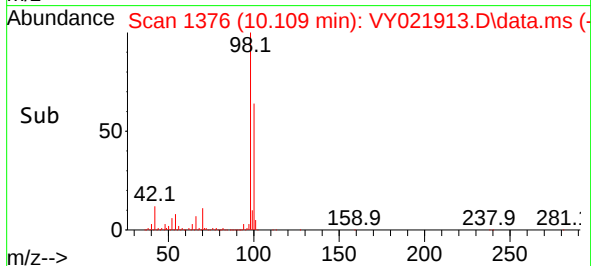
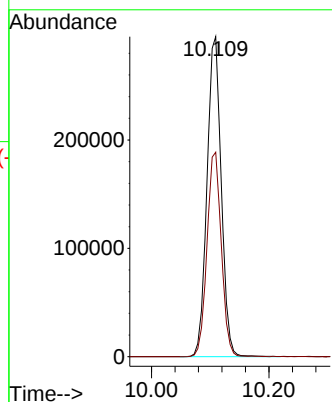
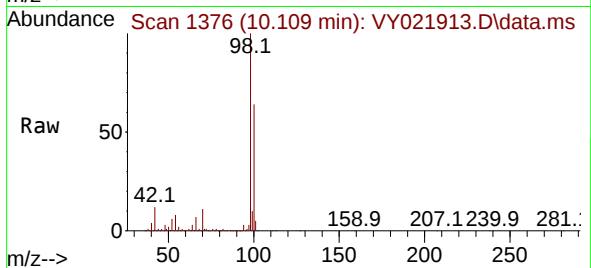
RT5417

Tgt Ion: 98 Resp: 497998

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 38.105 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021913.D

Acq: 17 Apr 2025 16:02

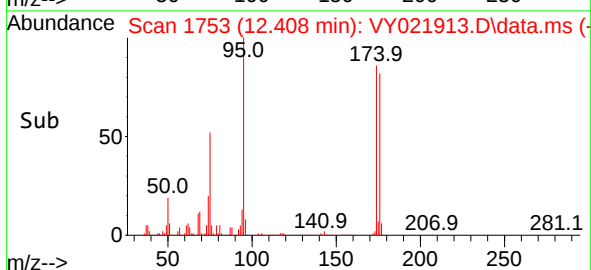
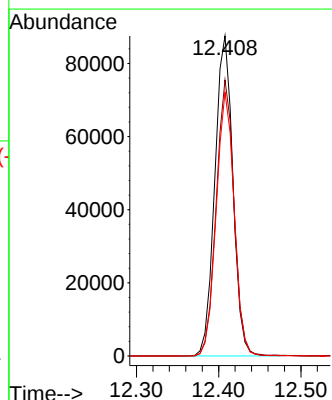
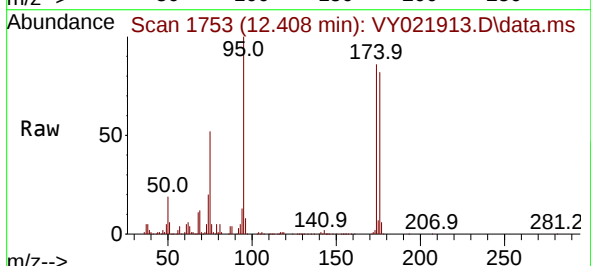
Tgt Ion: 95 Resp: 133345

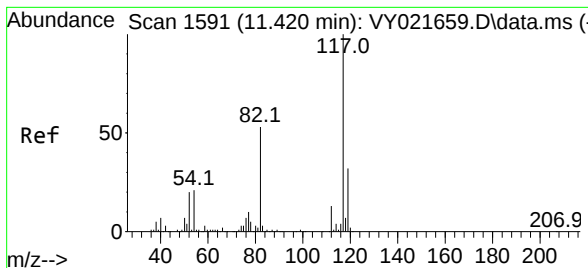
Ion Ratio Lower Upper

95 100

174 85.2 0.0 170.8

176 81.8 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: VY021913.D

Acq: 17 Apr 2025 16:02

Instrument :

MSVOA_Y

ClientSampleId :

RT5417

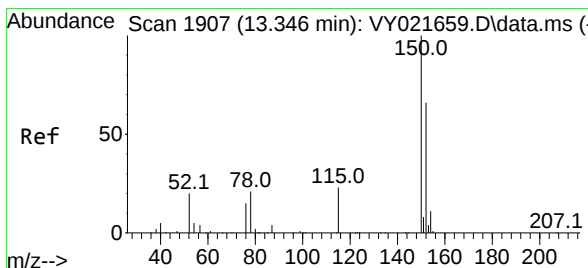
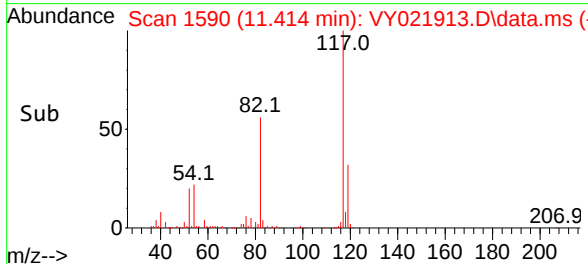
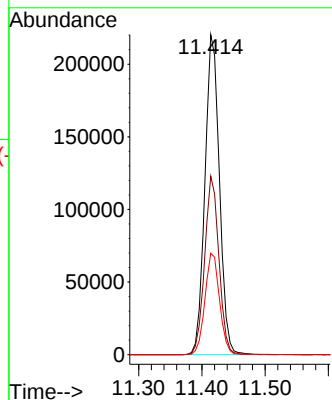
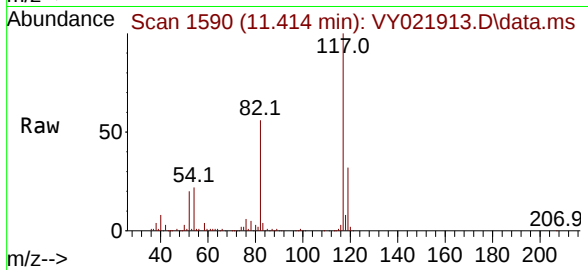
Tgt Ion:117 Resp: 351747

Ion Ratio Lower Upper

117 100

82 55.8 42.8 64.2

119 31.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021913.D

Acq: 17 Apr 2025 16:02

Tgt Ion:152 Resp: 129612

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 155.9 0.0 348.4

