

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021936.D
 Acq On : 21 Apr 2025 09:42
 Operator : SY/MD
 Sample : VY0421SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBL01

Quant Time: Apr 22 02:43:08 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	238181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	431702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	370399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	140852	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	130238	50.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.940%
35) Dibromofluoromethane	7.634	113	145598	51.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.980%
50) Toluene-d8	10.109	98	509819	47.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.407	95	144494	40.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.200%

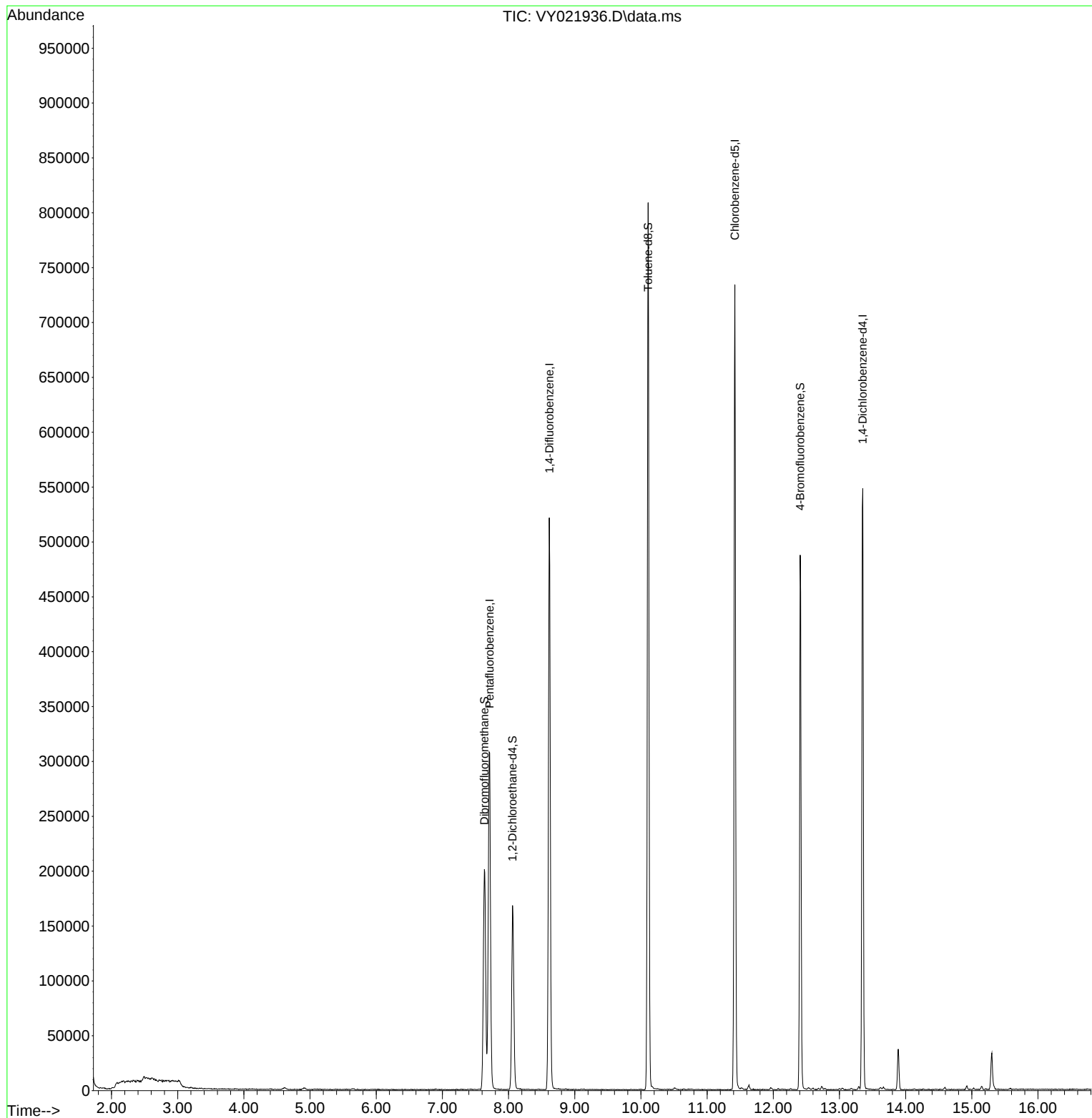
Target Compounds	Qvalue

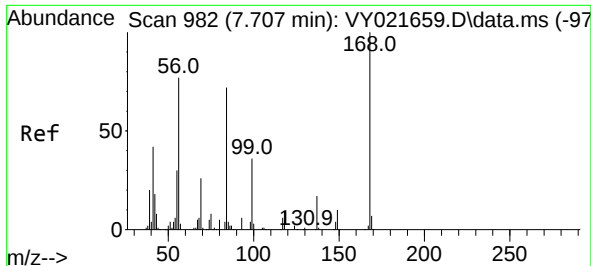
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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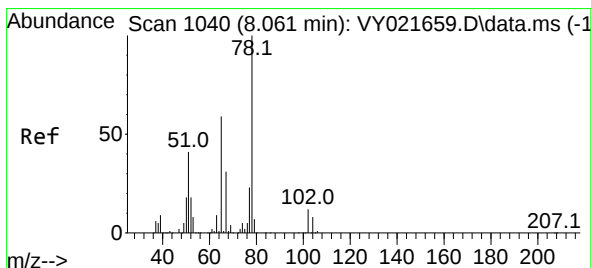
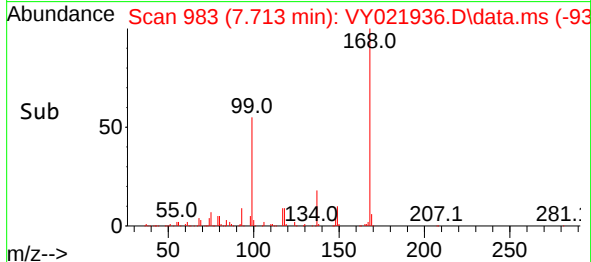
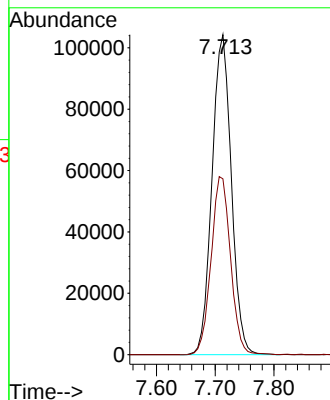
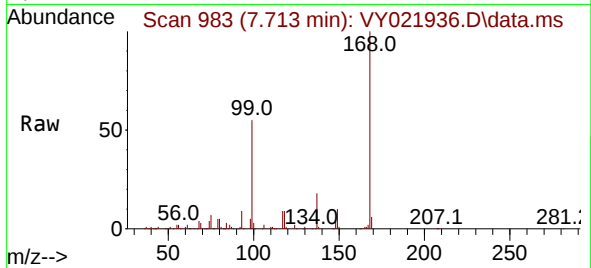




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

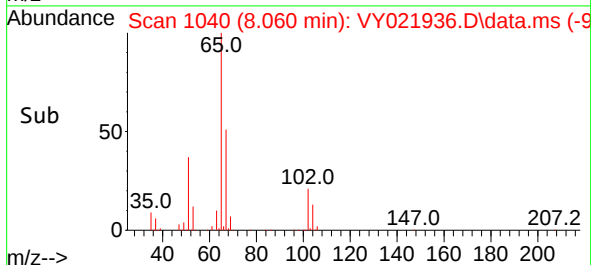
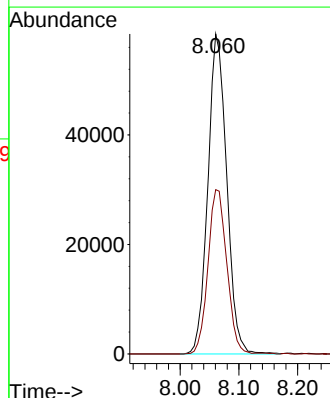
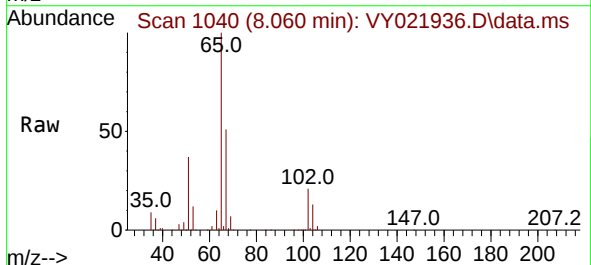
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

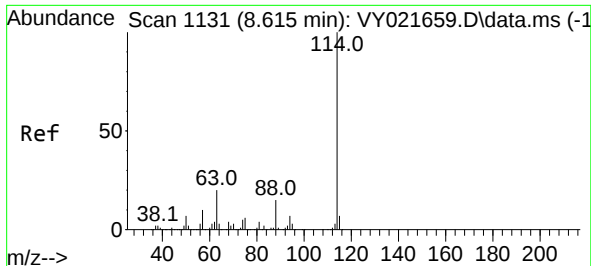
Tgt Ion:168 Resp: 238181
Ion Ratio Lower Upper
168 100
99 54.9 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 50.468 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion: 65 Resp: 130238
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6

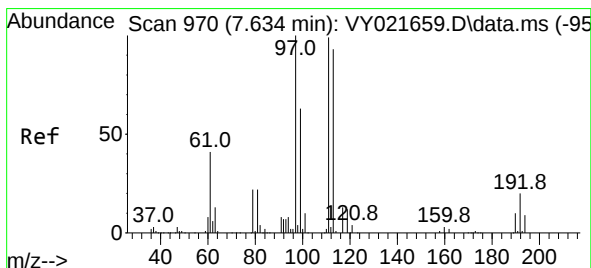
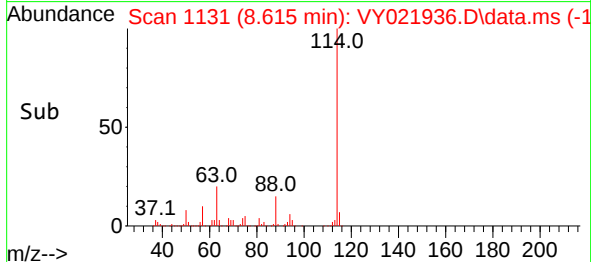
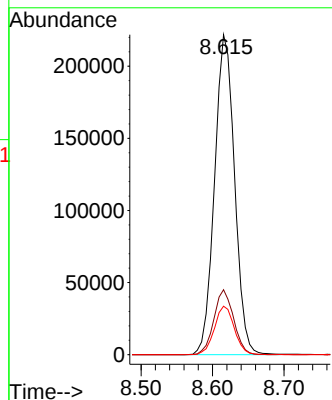
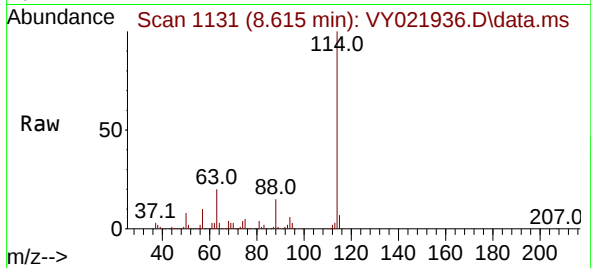




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

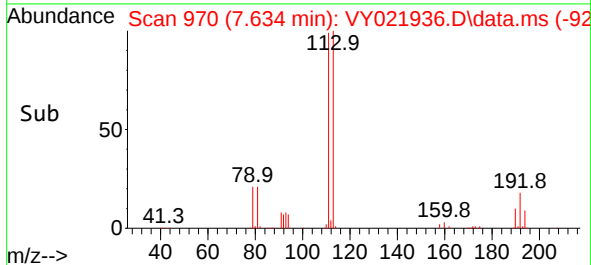
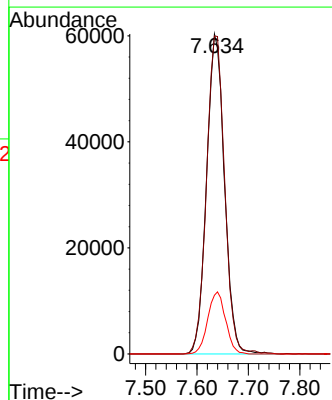
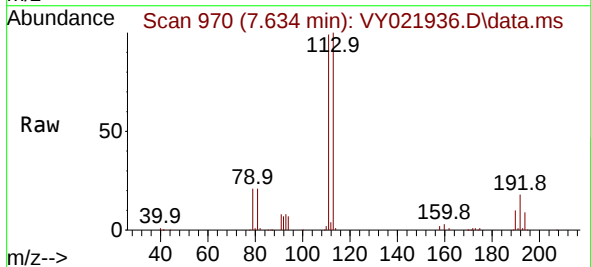
Instrument :
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ClientSampleId :
VY0421SBL01

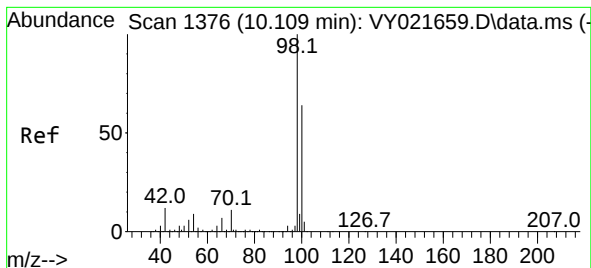
Tgt Ion:114 Resp: 431702
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.2
88 15.2 0.0 29.8



#35
Dibromofluoromethane
Concen: 51.992 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion:113 Resp: 145598
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 19.4 16.2 24.4

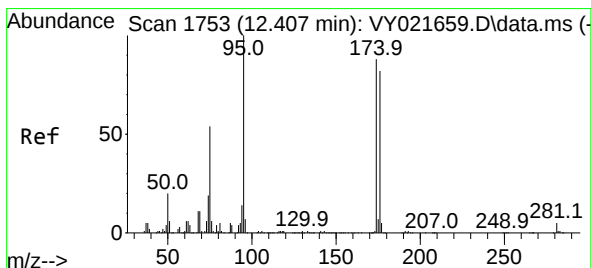
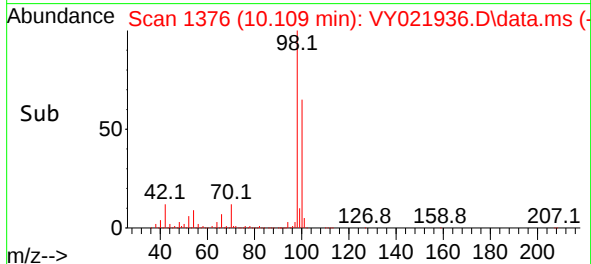
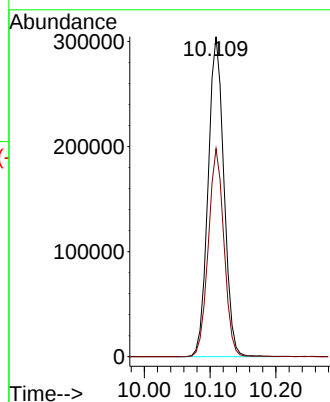
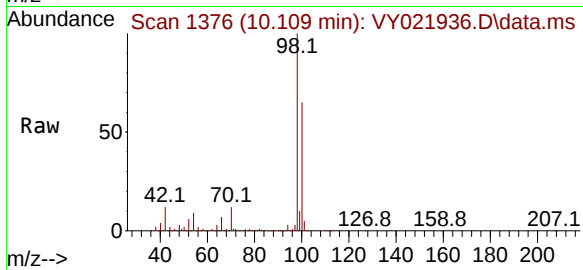




#50
Toluene-d8
Concen: 47.855 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

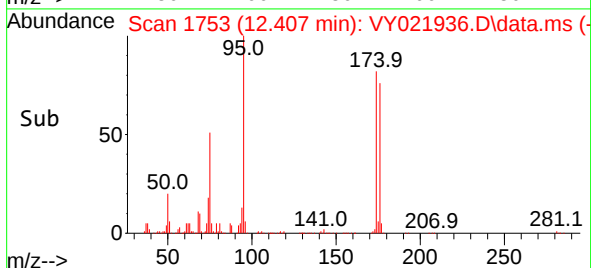
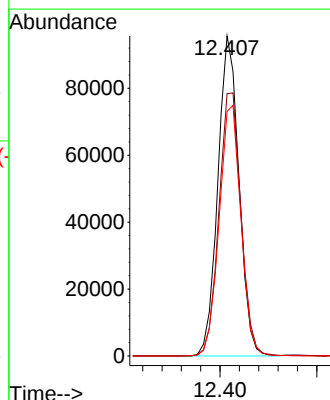
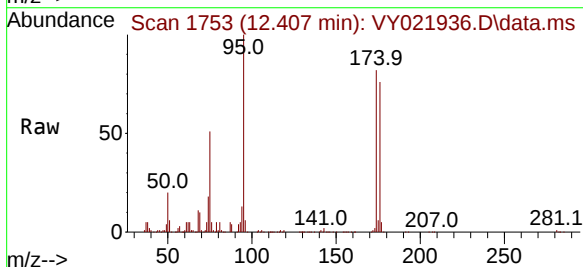
Instrument :
MSVOA_Y
ClientSampleId :
VY0421SBL01

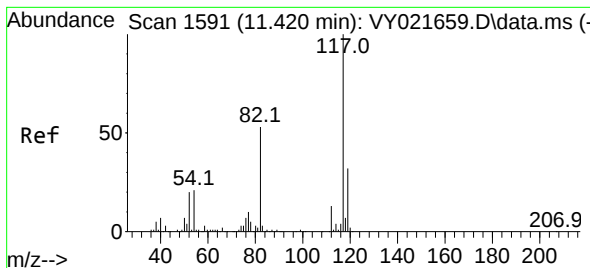
Tgt Ion: 98 Resp: 509819
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.098 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021936.D
Acq: 21 Apr 2025 09:42

Tgt Ion: 95 Resp: 144494
Ion Ratio Lower Upper
95 100
174 86.0 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: VY021936.D

Acq: 21 Apr 2025 09:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0421SBL01

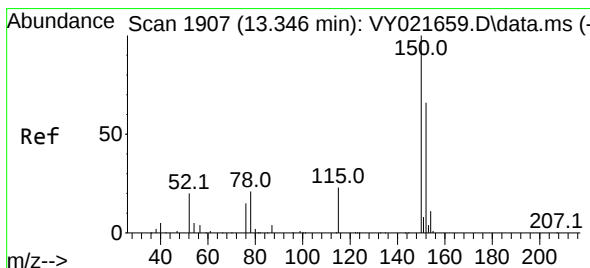
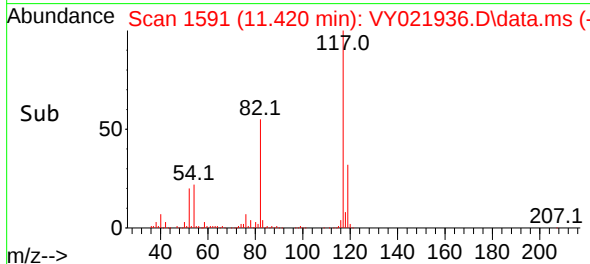
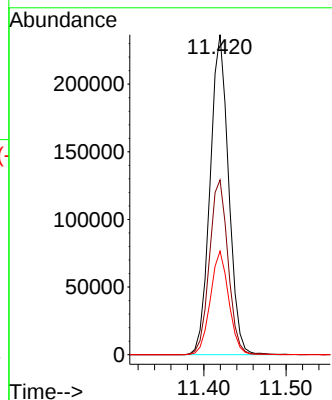
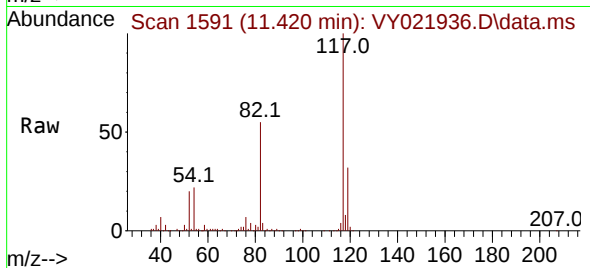
Tgt Ion:117 Resp: 370399

Ion Ratio Lower Upper

117 100

82 54.6 42.8 64.2

119 32.4 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021936.D

Acq: 21 Apr 2025 09:42

Tgt Ion:152 Resp: 140852

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.0 0.0 348.4

