

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021835.D
 Acq On : 10 Apr 2025 14:03
 Operator : SY/MD
 Sample : Q1744-01
 Misc : 7.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-158-SB01

Quant Time: Apr 11 01:50:48 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	219582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	409739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	351379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	126397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	136380	57.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.634	113	139811	52.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.109	98	496263	49.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.408	95	138498	40.494	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.980%

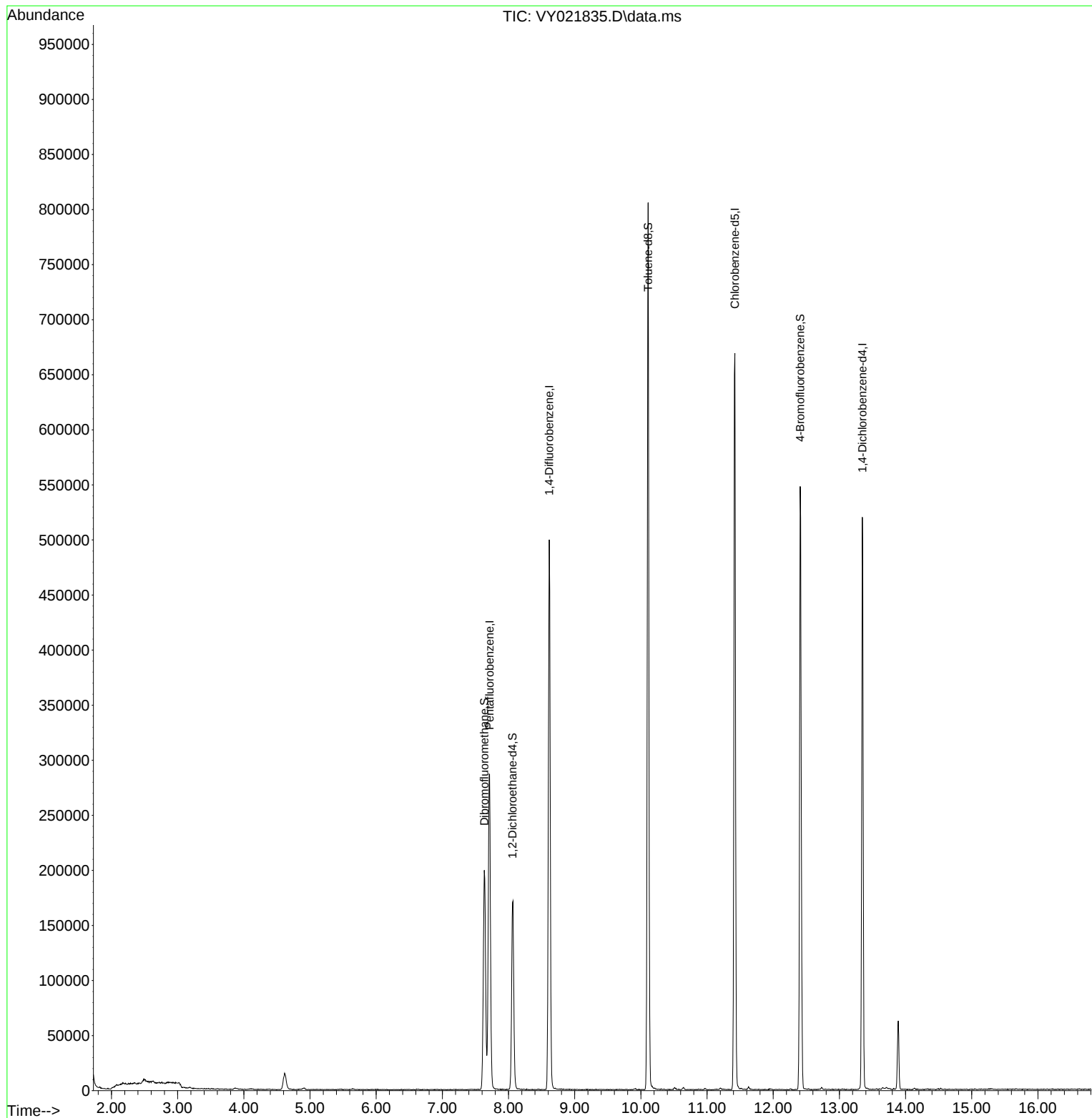
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
Data File : VY021835.D
Acq On : 10 Apr 2025 14:03
Operator : SY/MD
Sample : Q1744-01
Misc : 7.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-158-SB01

Quant Time: Apr 11 01:50:48 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

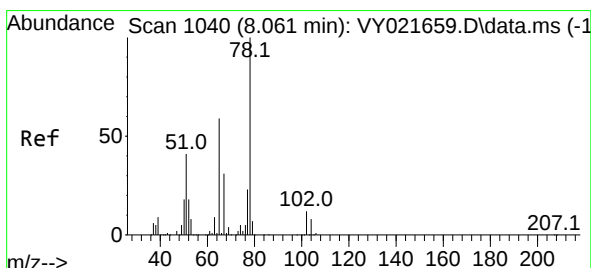
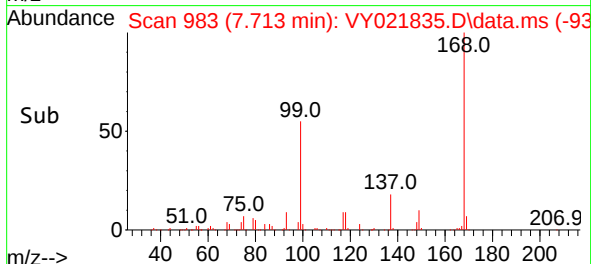
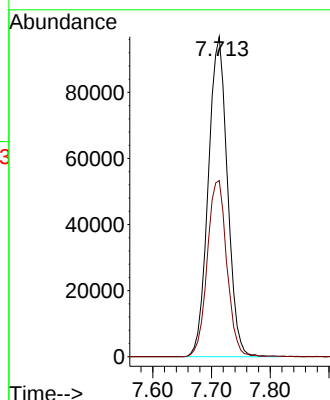
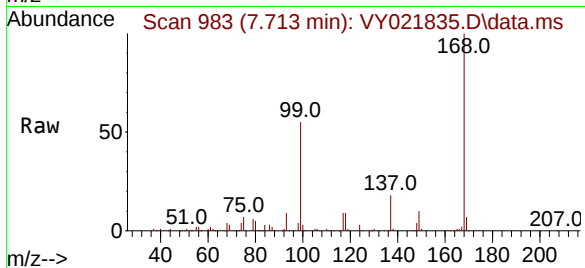




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021835.D
Acq: 10 Apr 2025 14:03

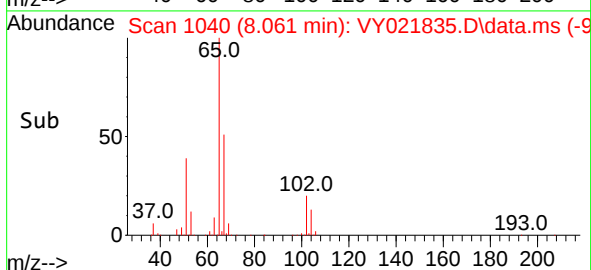
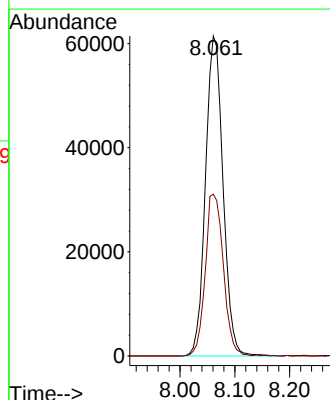
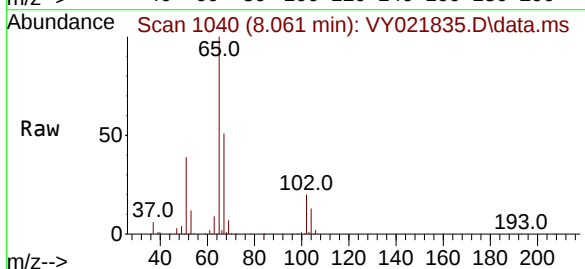
Instrument :
MSVOA_Y
ClientSampleId :
B-158-SB01

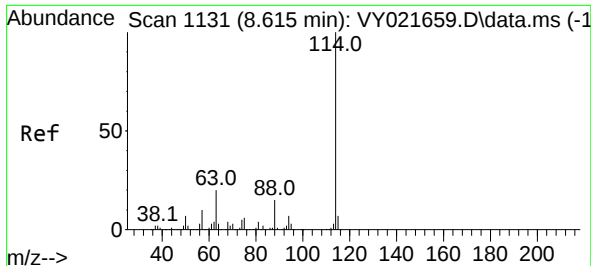
Tgt Ion:168 Resp: 219582
Ion Ratio Lower Upper
168 100
99 55.0 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 57.324 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021835.D
Acq: 10 Apr 2025 14:03

Tgt Ion: 65 Resp: 136380
Ion Ratio Lower Upper
65 100
67 52.1 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: VY021835.D

Acq: 10 Apr 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

B-158-SB01

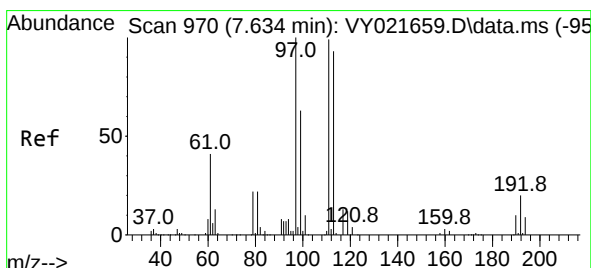
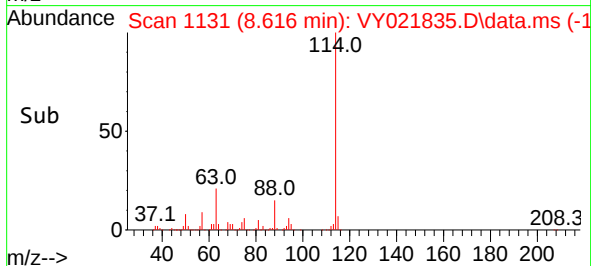
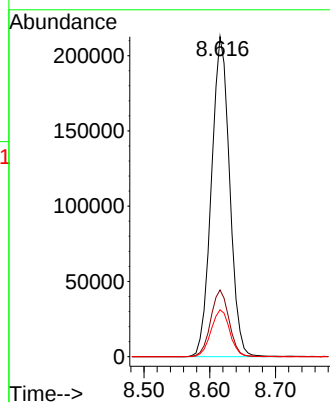
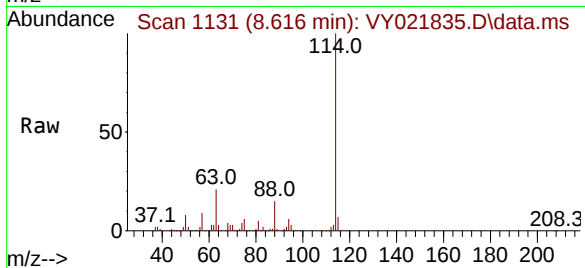
Tgt Ion:114 Resp: 409739

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

88 14.6 0.0 29.8



#35

Dibromofluoromethane

Concen: 52.602 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021835.D

Acq: 10 Apr 2025 14:03

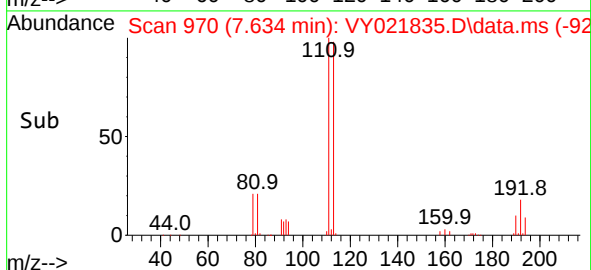
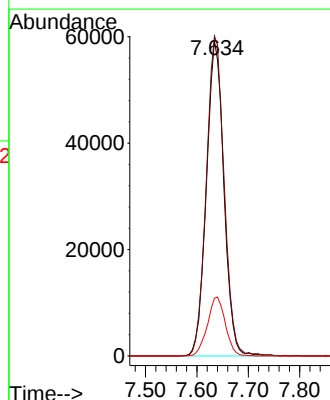
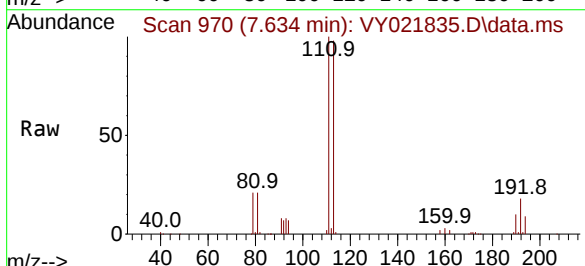
Tgt Ion:113 Resp: 139811

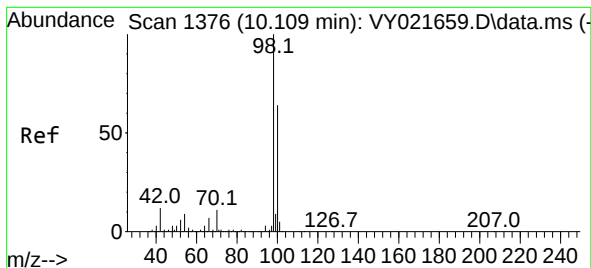
Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 19.2 16.2 24.4

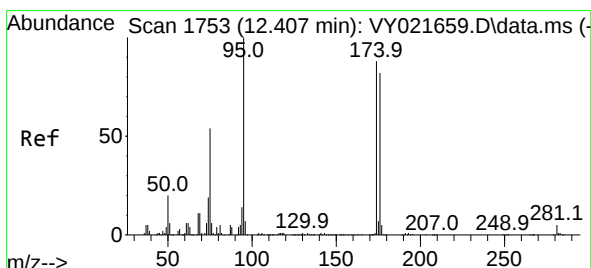
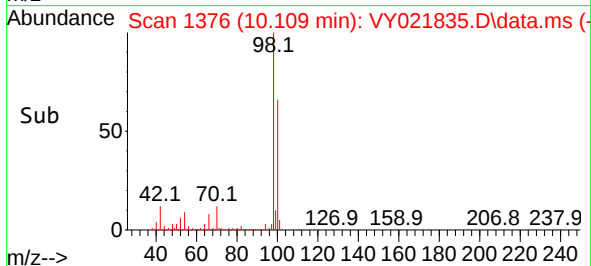
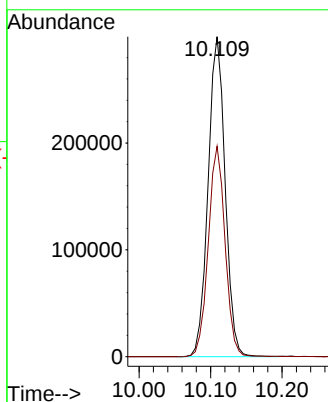
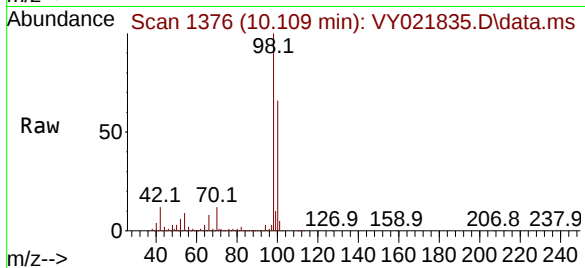




#50
Toluene-d8
Concen: 49.079 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021835.D
Acq: 10 Apr 2025 14:03

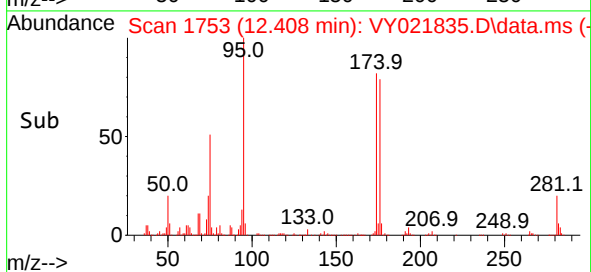
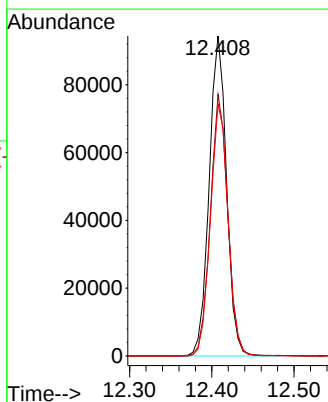
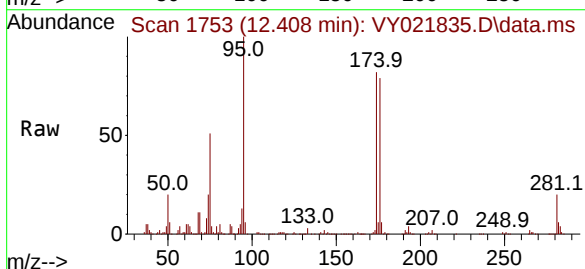
Instrument :
MSVOA_Y
ClientSampleId :
B-158-SB01

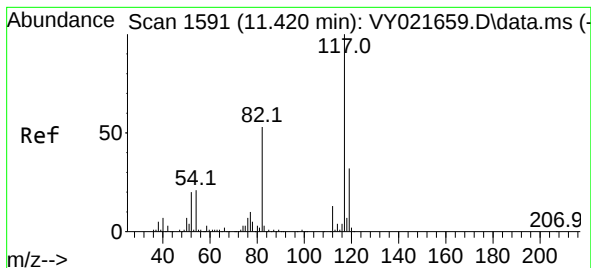
Tgt Ion: 98 Resp: 496263
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.494 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021835.D
Acq: 10 Apr 2025 14:03

Tgt Ion: 95 Resp: 138498
Ion Ratio Lower Upper
95 100
174 81.8 0.0 170.8
176 80.0 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: VY021835.D

Acq: 10 Apr 2025 14:03

Instrument :

MSVOA_Y

ClientSampleId :

B-158-SB01

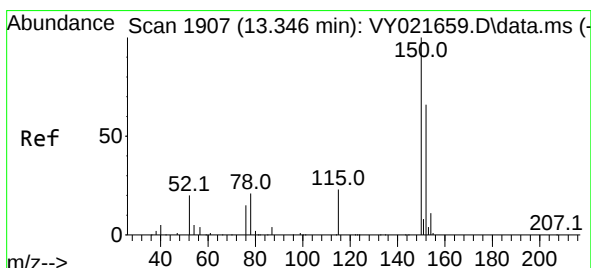
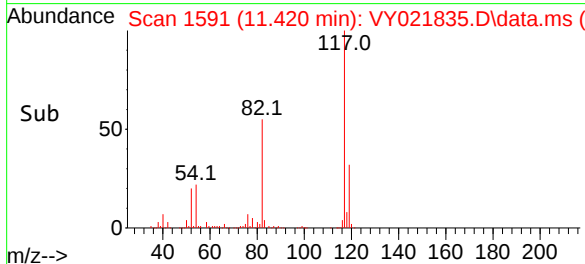
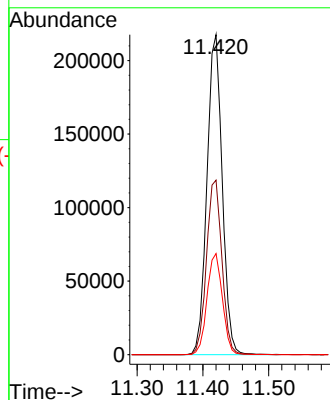
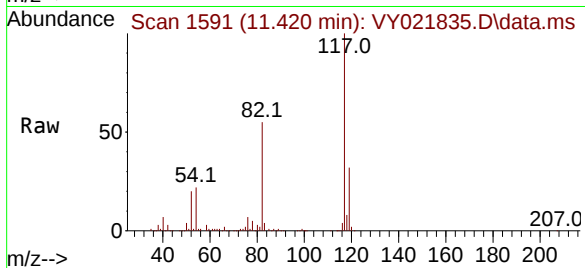
Tgt Ion:117 Resp: 351379

Ion Ratio Lower Upper

117 100

82 54.6 42.8 64.2

119 31.6 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: VY021835.D

Acq: 10 Apr 2025 14:03

Tgt Ion:152 Resp: 126397

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 157.9 0.0 348.4

