

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021858.D
 Acq On : 11 Apr 2025 14:44
 Operator : SY/MD
 Sample : Q1781-11
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-11-VOC

Quant Time: Apr 12 02:49:43 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	7.713	168	295988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	528425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	445279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	163227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154174	48.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.160%
35) Dibromofluoromethane	7.634	113	171436	50.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.020%
50) Toluene-d8	10.109	98	627828	48.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.408	95	174711	39.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.220%

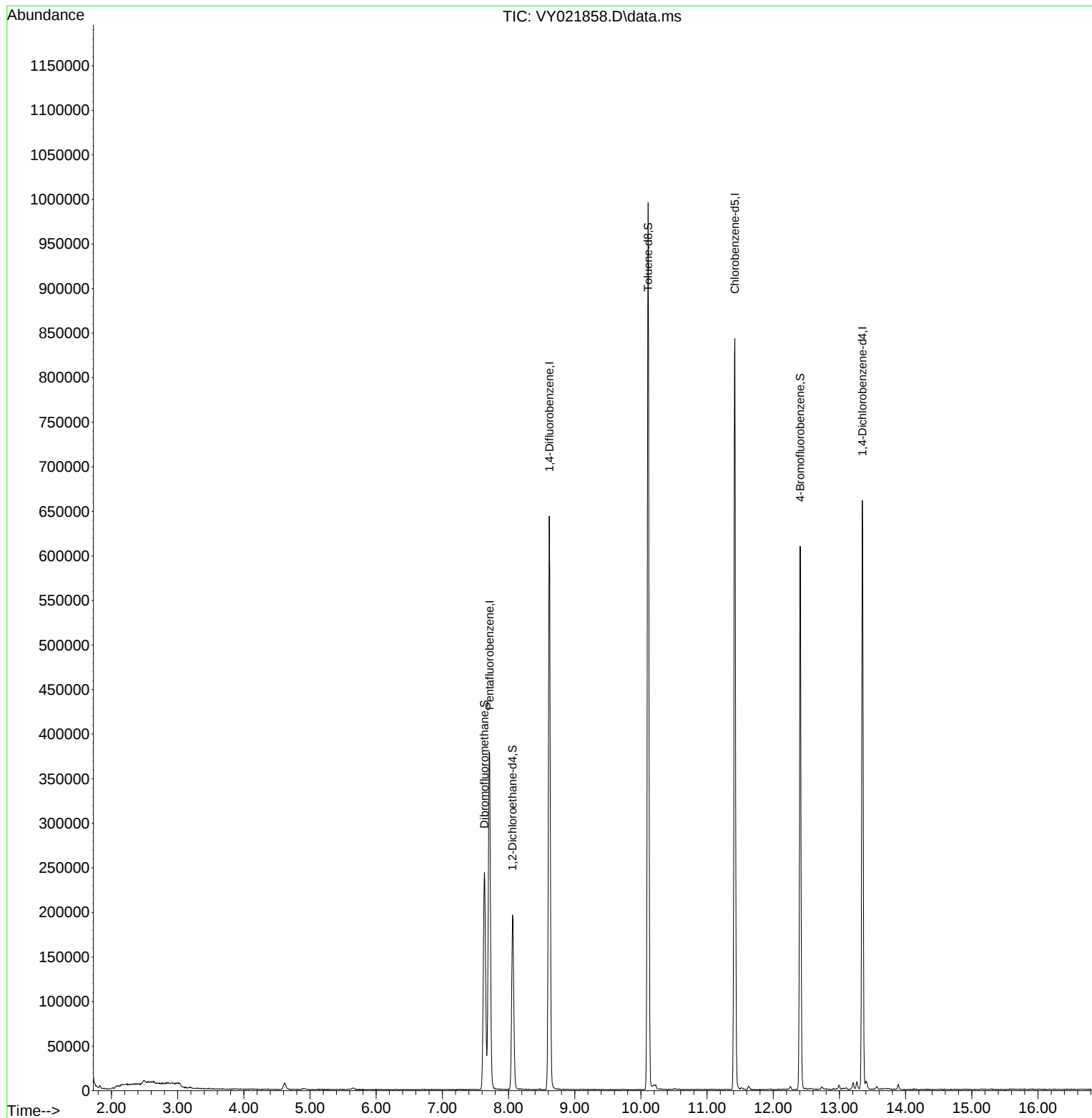
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021858.D
Acq On : 11 Apr 2025 14:44
Operator : SY/MD
Sample : Q1781-11
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-11-VOC

Quant Time: Apr 12 02:49:43 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

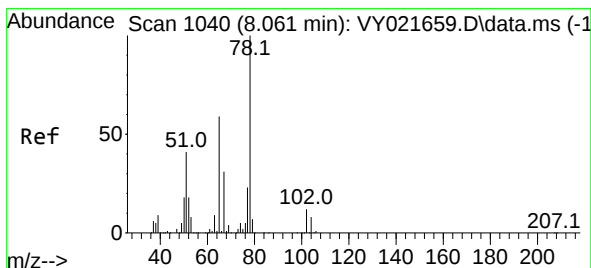
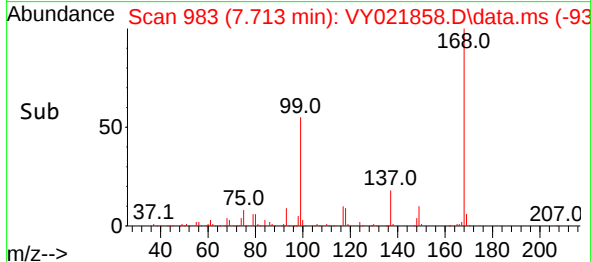
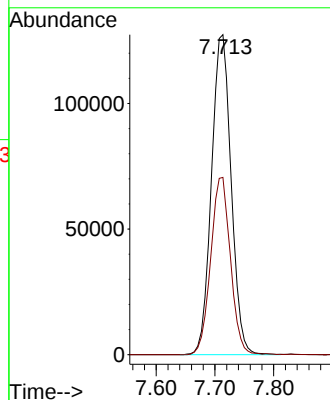
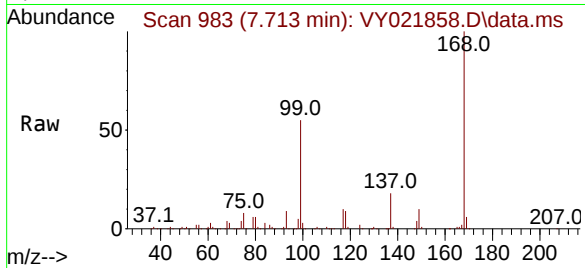




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021858.D
Acq: 11 Apr 2025 14:44

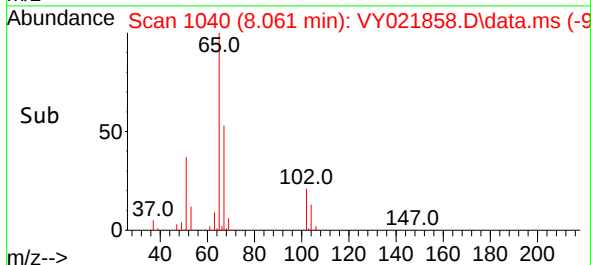
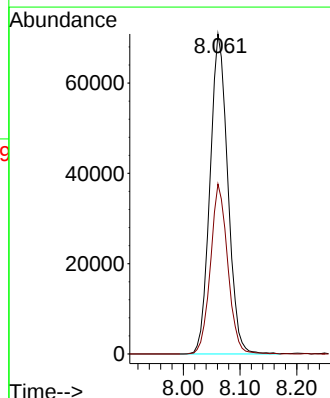
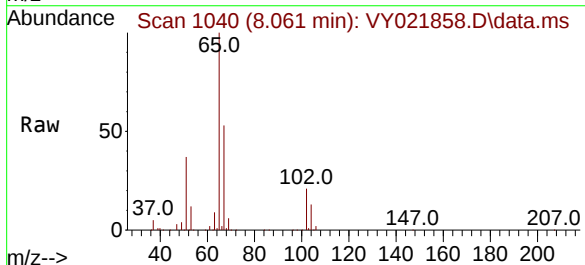
Instrument :
MSVOA_Y
ClientSampleId :
WC-11-VOC

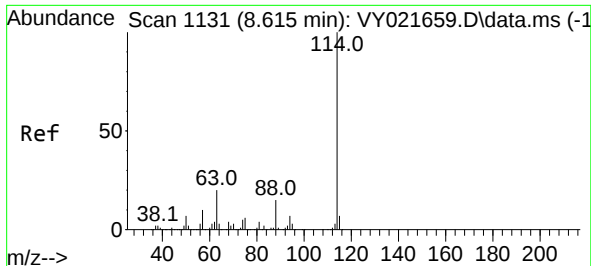
Tgt Ion:168 Resp: 295988
Ion Ratio Lower Upper
168 100
99 55.4 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 48.075 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021858.D
Acq: 11 Apr 2025 14:44

Tgt Ion: 65 Resp: 154174
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6

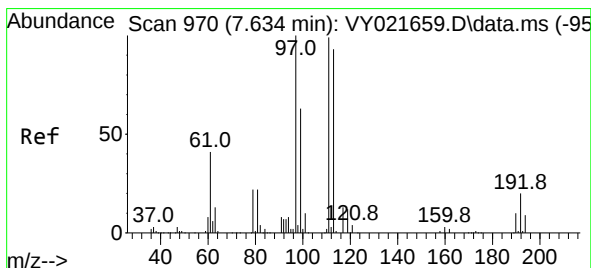
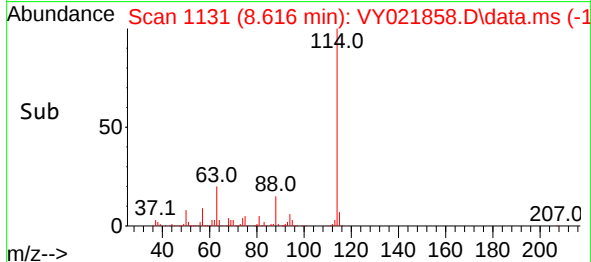
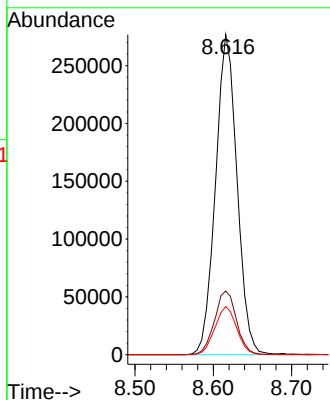
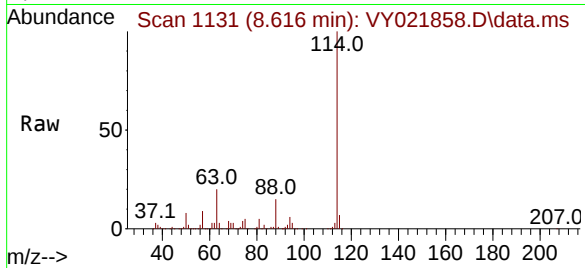




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021858.D
Acq: 11 Apr 2025 14:44

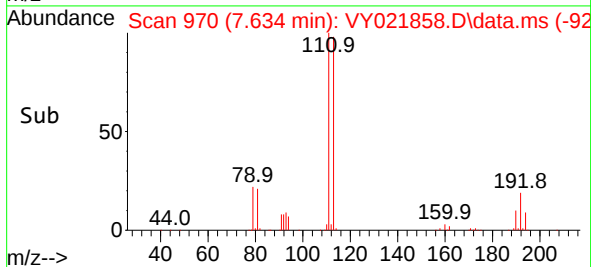
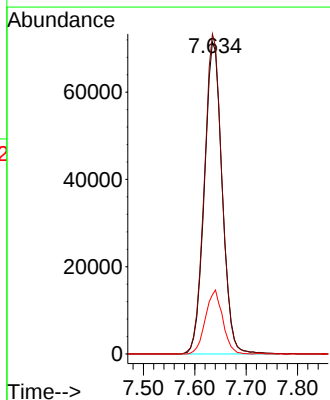
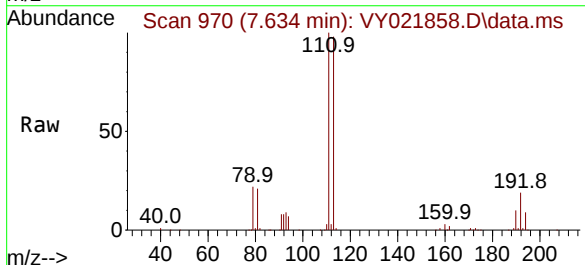
Instrument :
MSVOA_Y
ClientSampleId :
WC-11-VOC

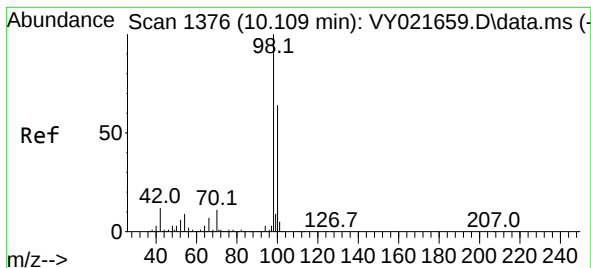
Tgt Ion:114 Resp: 528425
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 15.1 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.013 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021858.D
Acq: 11 Apr 2025 14:44

Tgt Ion:113 Resp: 171436
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 19.9 16.2 24.4





#50

Toluene-d8

Concen: 48.145 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021858.D

Acq: 11 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

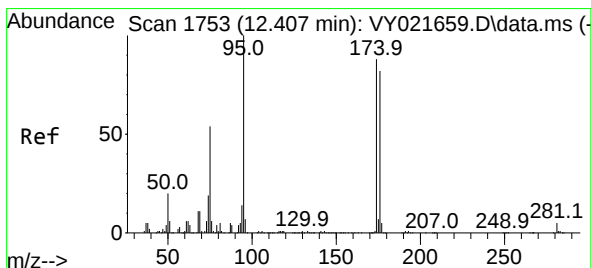
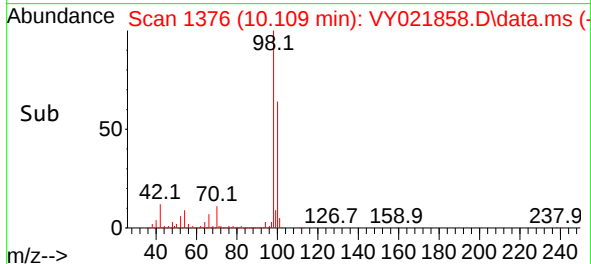
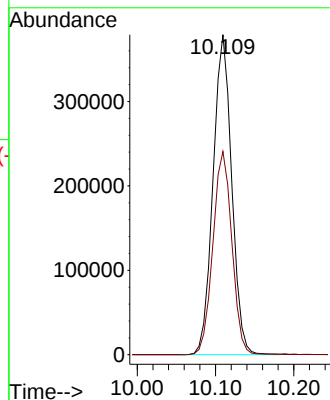
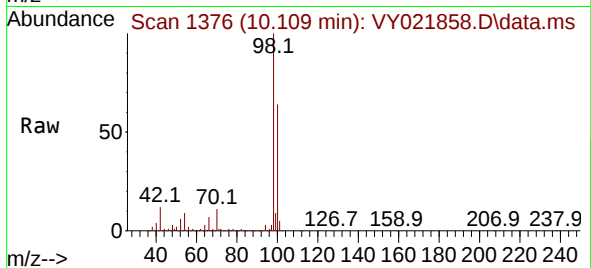
WC-11-VOC

Tgt Ion: 98 Resp: 627828

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 39.609 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021858.D

Acq: 11 Apr 2025 14:44

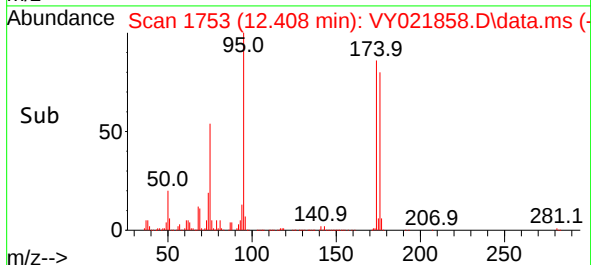
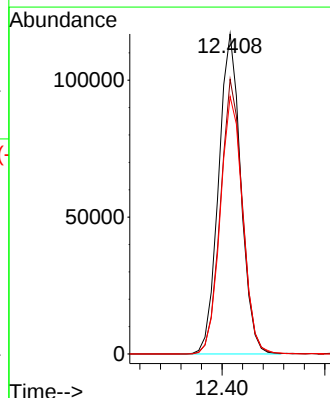
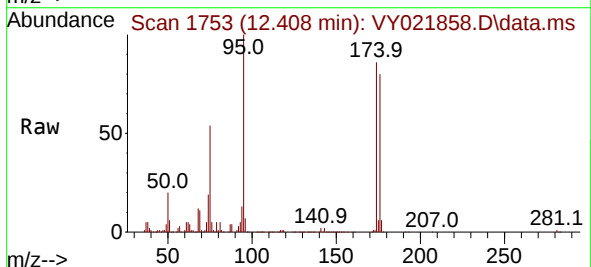
Tgt Ion: 95 Resp: 174711

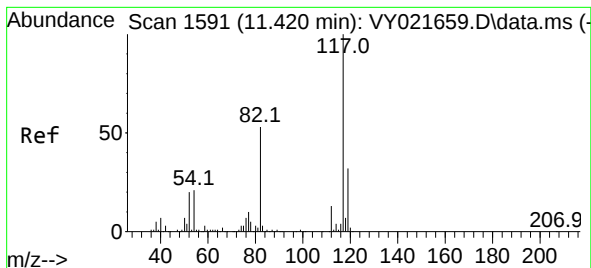
Ion Ratio Lower Upper

95 100

174 85.0 0.0 170.8

176 81.8 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: VY021858.D

Acq: 11 Apr 2025 14:44

Instrument :

MSVOA_Y

ClientSampleId :

WC-11-VOC

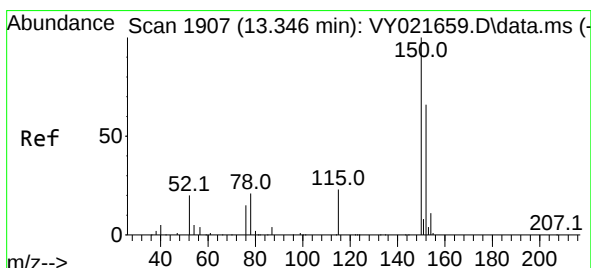
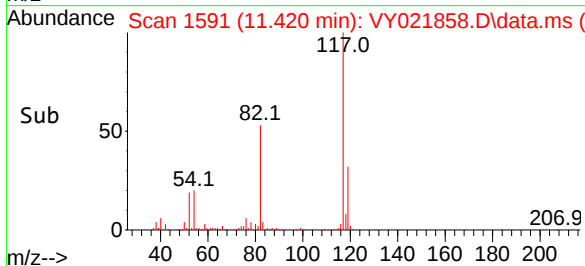
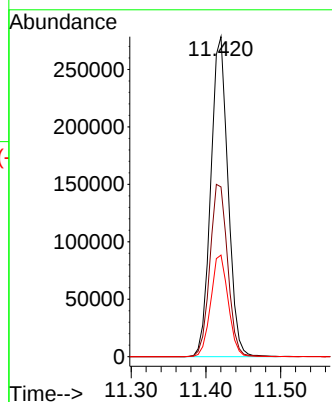
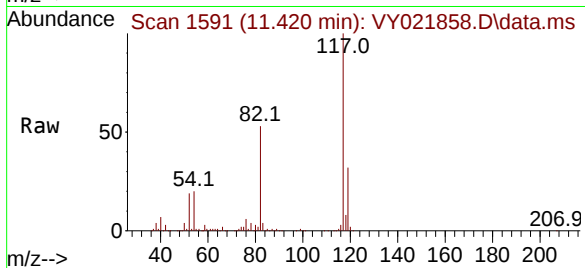
Tgt Ion:117 Resp: 445279

Ion Ratio Lower Upper

117 100

82 53.1 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: VY021858.D

Acq: 11 Apr 2025 14:44

Tgt Ion:152 Resp: 163227

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 157.7 0.0 348.4

