

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022312.D
 Acq On : 19 May 2025 12:38
 Operator : SY/MD
 Sample : Q2048-11
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L2-WC-3-VOC

Quant Time: May 20 01:12:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	275518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	493642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142783	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141956	47.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.280%
35) Dibromofluoromethane	7.634	113	147002	49.893	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.103	98	592245	49.080	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.402	95	152812	39.953	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.900%

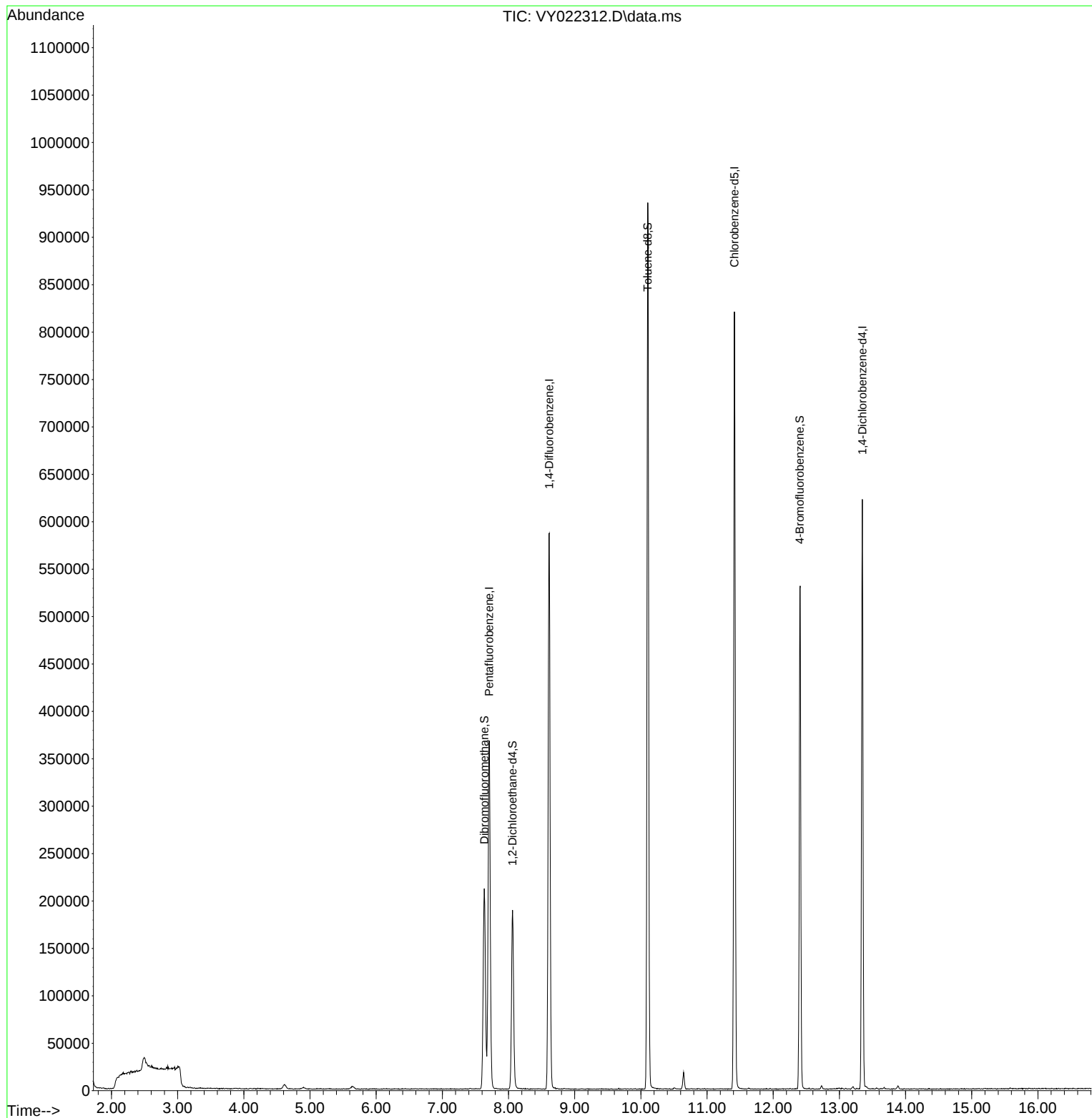
Target Compounds	Qvalue

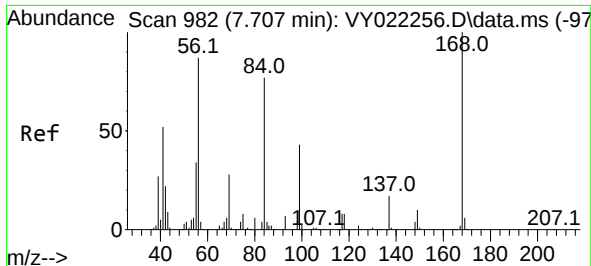
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022312.D
Acq On : 19 May 2025 12:38
Operator : SY/MD
Sample : Q2048-11
Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
L2-WC-3-VOC

Quant Time: May 20 01:12:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

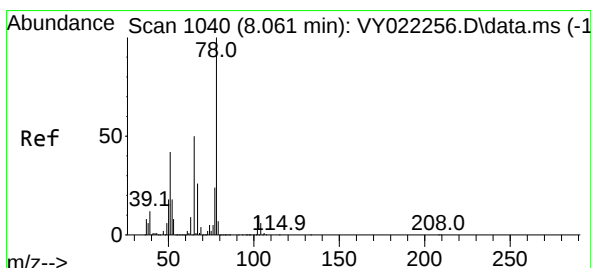
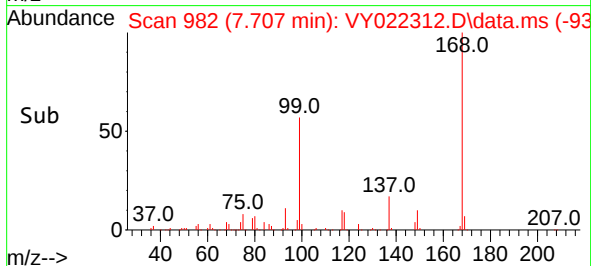
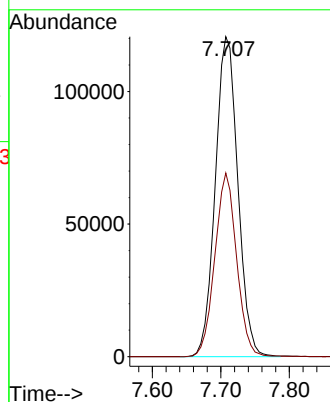
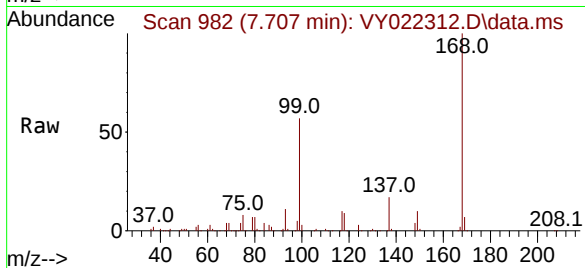




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022312.D
Acq: 19 May 2025 12:38

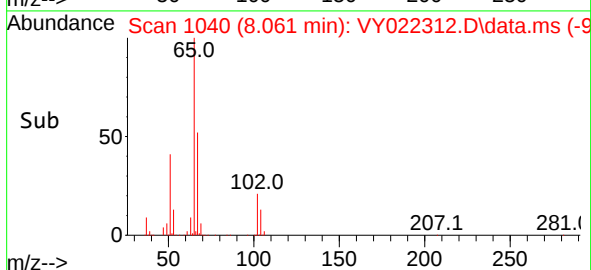
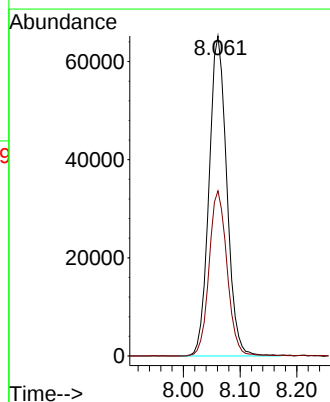
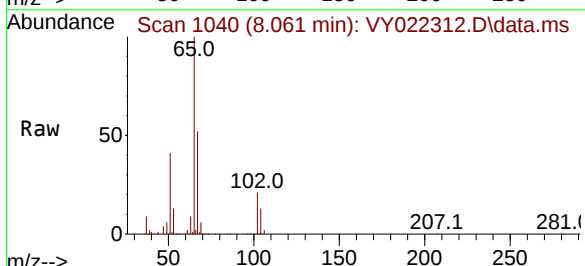
Instrument :
MSVOA_Y
ClientSampleId :
L2-WC-3-VOC

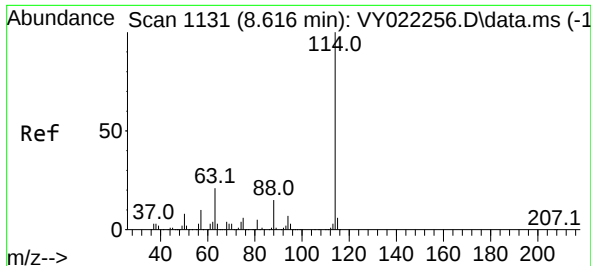
Tgt Ion:168 Resp: 275518
Ion Ratio Lower Upper
168 100
99 57.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.143 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022312.D
Acq: 19 May 2025 12:38

Tgt Ion: 65 Resp: 141956
Ion Ratio Lower Upper
65 100
67 52.2 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: VY022312.D

Acq: 19 May 2025 12:38

Instrument :

MSVOA_Y

ClientSampleId :

L2-WC-3-VOC

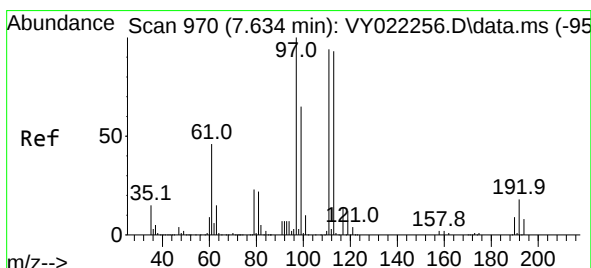
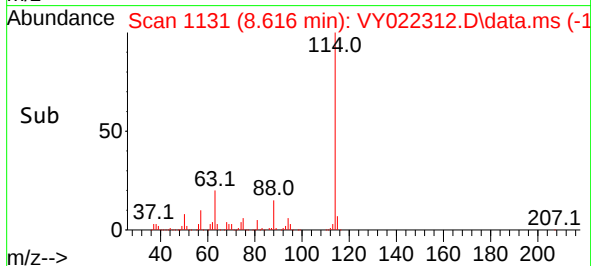
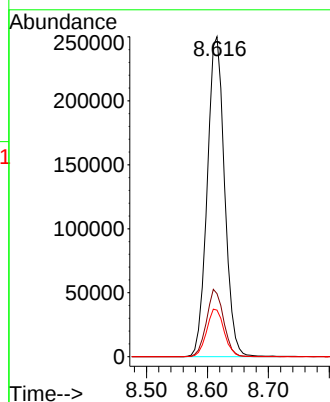
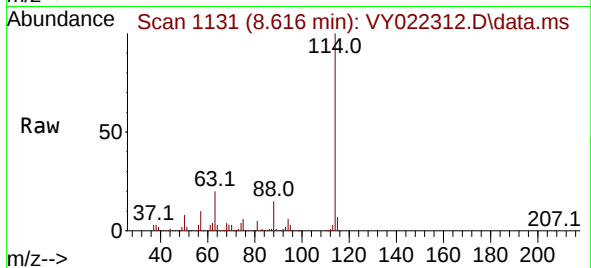
Tgt Ion:114 Resp: 493642

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.0

88 14.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 49.893 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY022312.D

Acq: 19 May 2025 12:38

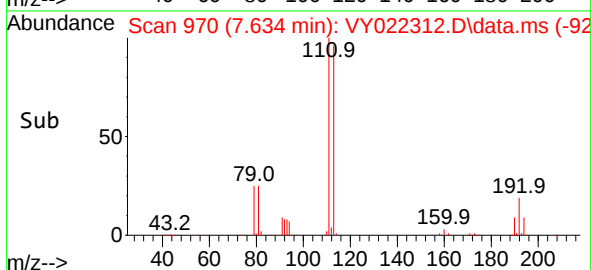
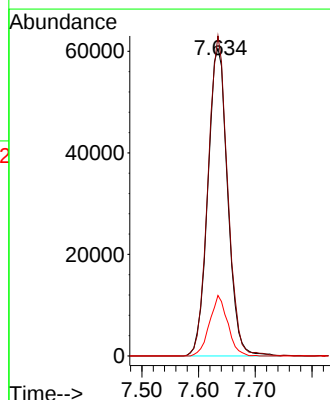
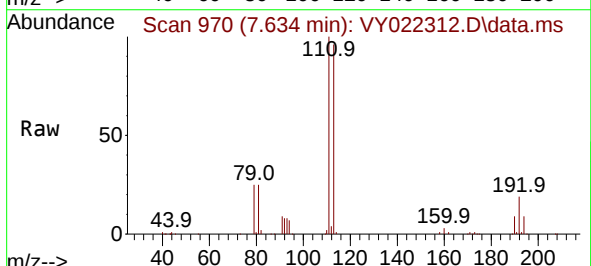
Tgt Ion:113 Resp: 147002

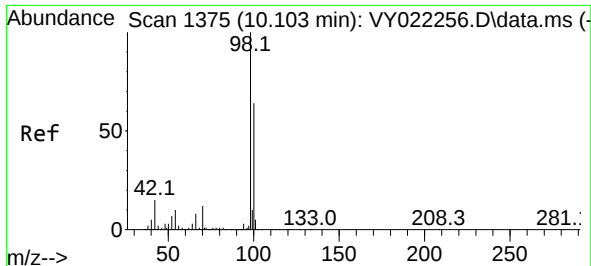
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 18.0 15.2 22.8

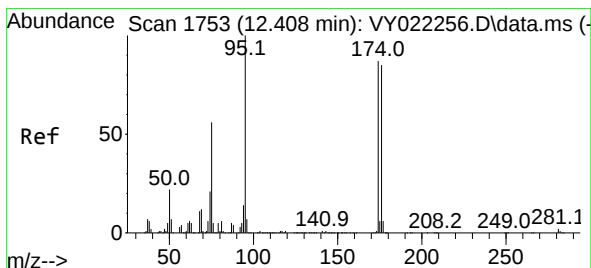
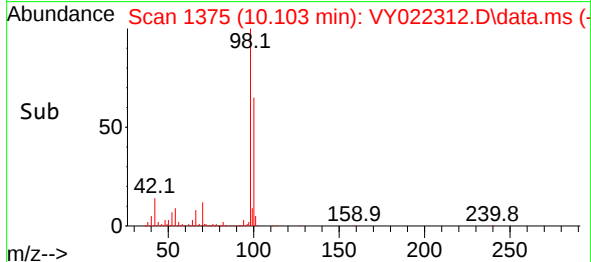
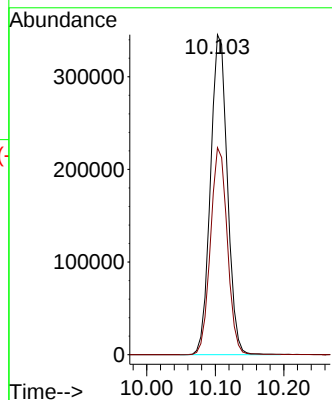
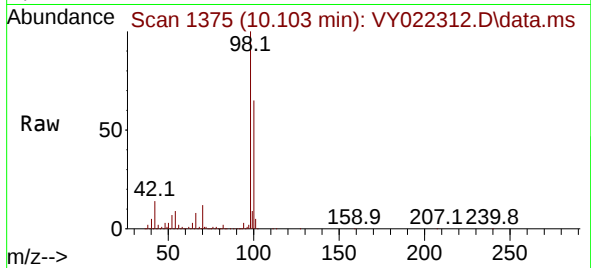




#50
Toluene-d8
Concen: 49.080 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022312.D
Acq: 19 May 2025 12:38

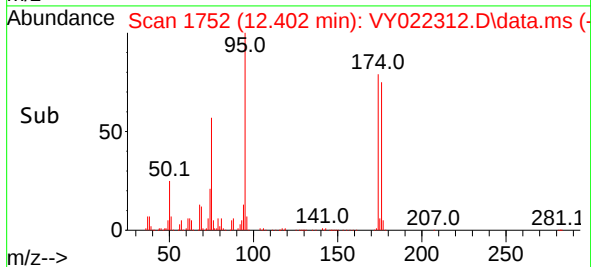
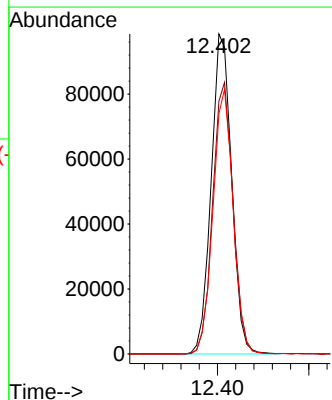
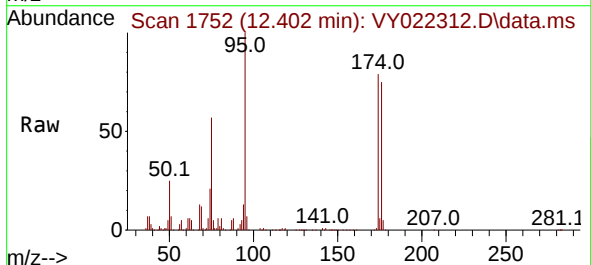
Instrument :
MSVOA_Y
ClientSampleId :
L2-WC-3-VOC

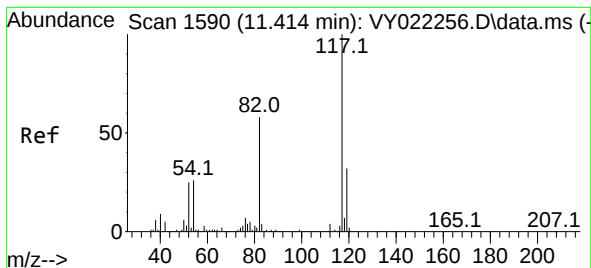
Tgt Ion: 98 Resp: 592245
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 39.953 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022312.D
Acq: 19 May 2025 12:38

Tgt Ion: 95 Resp: 152812
Ion Ratio Lower Upper
95 100
174 84.9 0.0 166.8
176 81.8 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022312.D

Acq: 19 May 2025 12:38

Instrument :

MSVOA_Y

ClientSampleId :

L2-WC-3-VOC

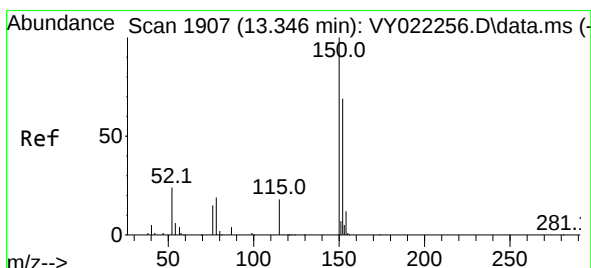
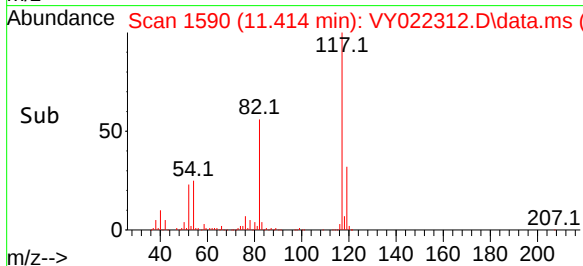
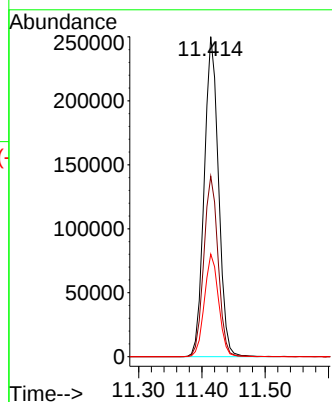
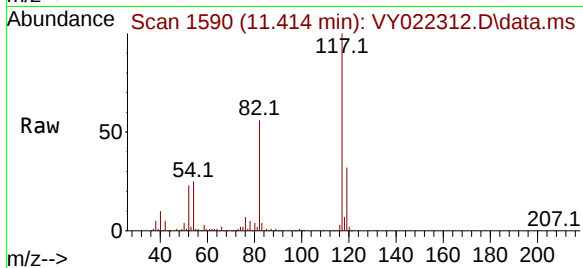
Tgt Ion:117 Resp: 394266

Ion Ratio Lower Upper

117 100

82 56.4 46.6 70.0

119 32.0 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022312.D

Acq: 19 May 2025 12:38

Tgt Ion:152 Resp: 142783

Ion Ratio Lower Upper

152 100

115 58.1 29.4 88.2

150 157.8 0.0 353.8

