

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021362.D
 Acq On : 27 Feb 2025 16:45
 Operator : SY/MD
 Sample : Q1420-07
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-WC-VOC

Quant Time: Feb 28 00:43:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

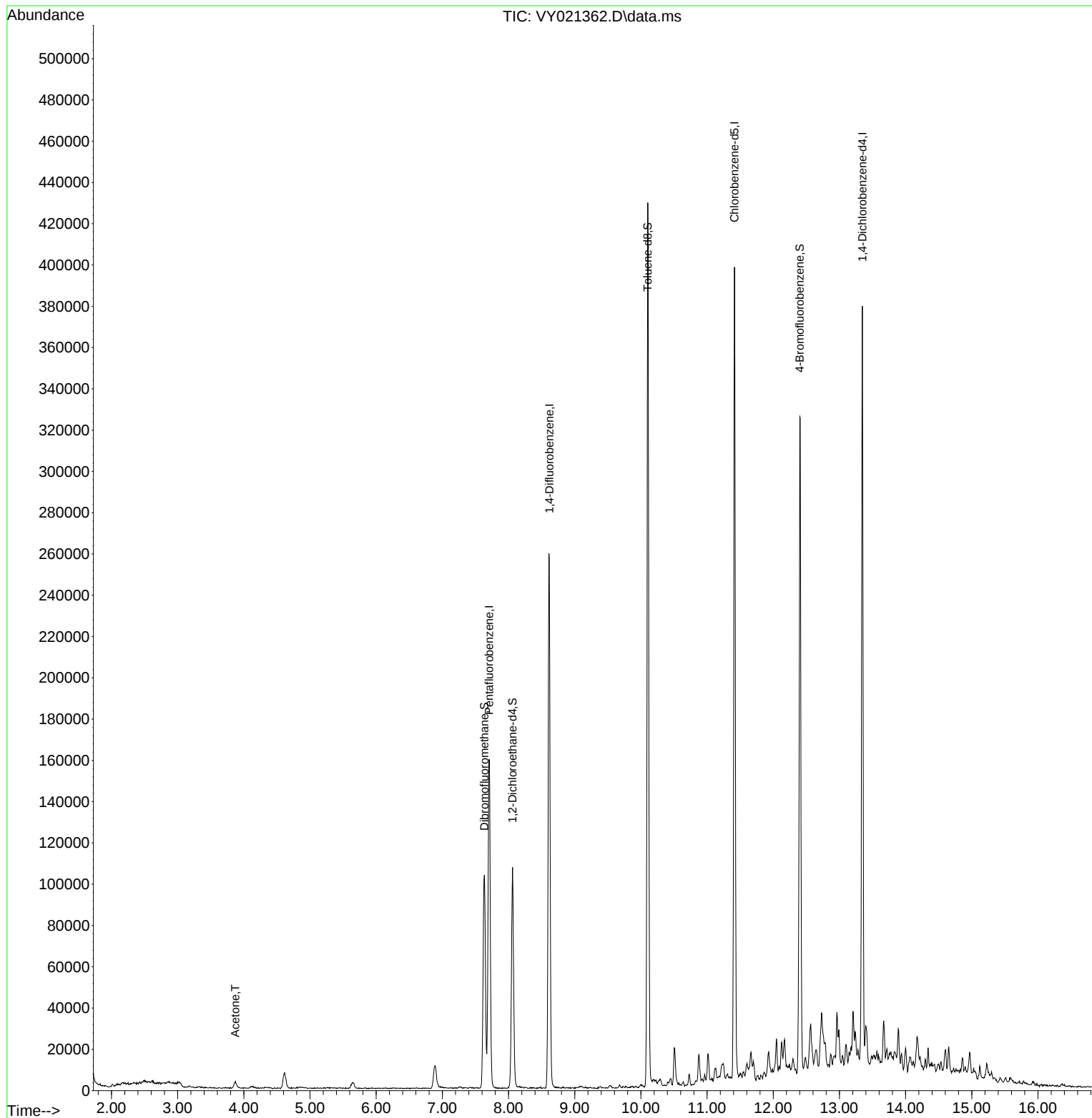
Internal Standards						
1) Pentafluorobenzene	7.707	168	122419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	215902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	201412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	86351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83842	60.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.740%	
35) Dibromofluoromethane	7.634	113	74713	52.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.560%	
50) Toluene-d8	10.103	98	266250	48.671	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.340%	
62) 4-Bromofluorobenzene	12.401	95	90669	49.249	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.500%	
Target Compounds						
16) Acetone	3.872	43	5332	20.016	ug/l	Qvalue 97

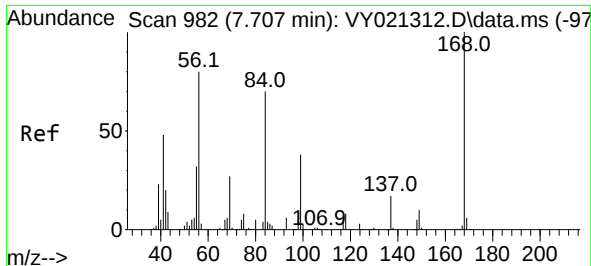
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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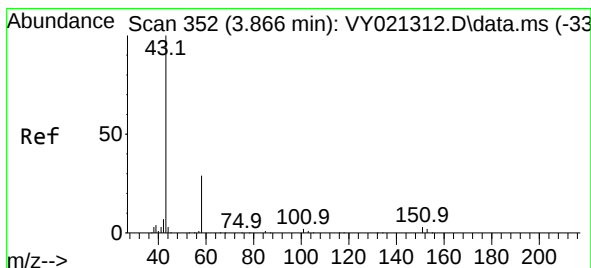
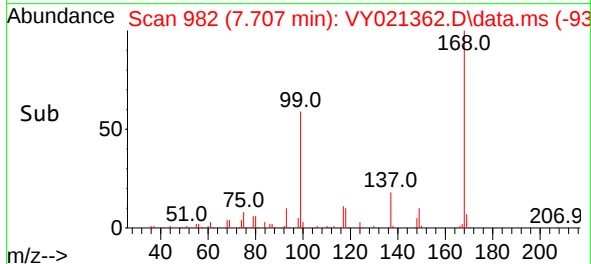
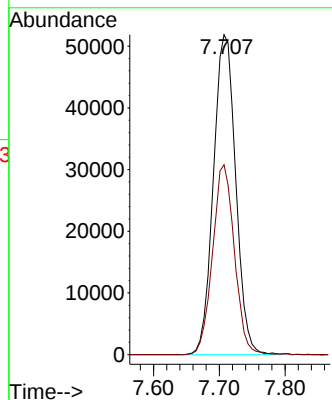
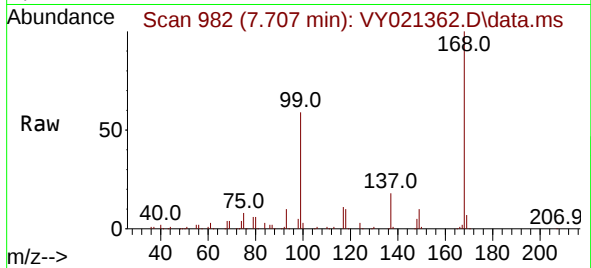




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021362.D
Acq: 27 Feb 2025 16:45

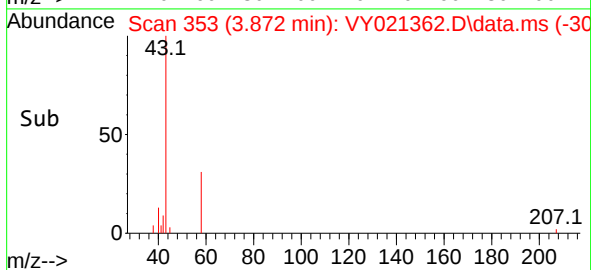
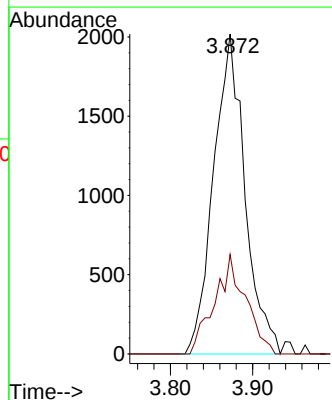
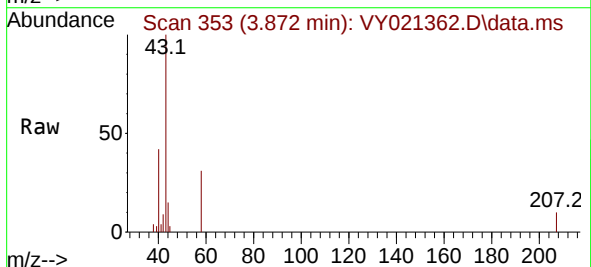
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC-VOC

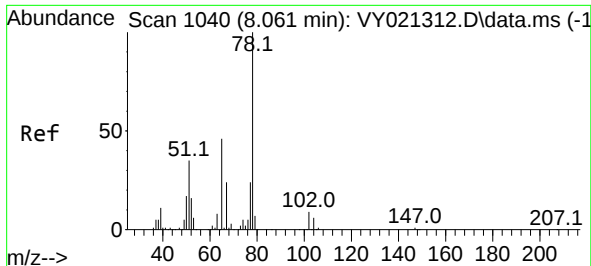
Tgt Ion:168 Resp: 122419
Ion Ratio Lower Upper
168 100
99 59.3 47.1 70.7



#16
Acetone
Concen: 20.016 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021362.D
Acq: 27 Feb 2025 16:45

Tgt Ion: 43 Resp: 5332
Ion Ratio Lower Upper
43 100
58 31.1 23.5 35.3





#33

1,2-Dichloroethane-d4

Concen: 60.373 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021362.D

Acq: 27 Feb 2025 16:45

Instrument :

MSVOA_Y

ClientSampleId :

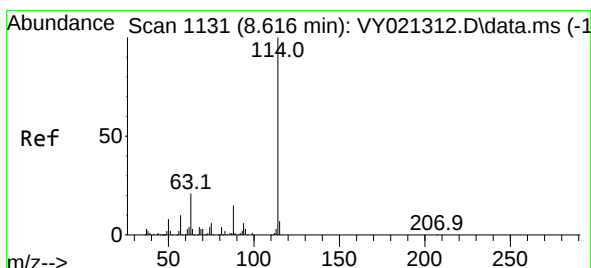
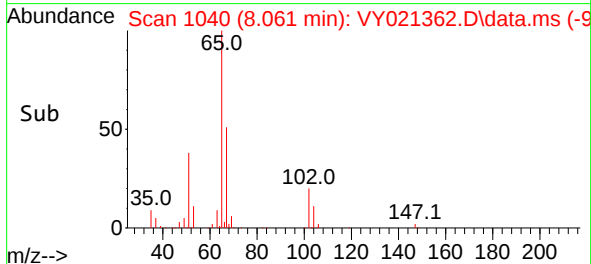
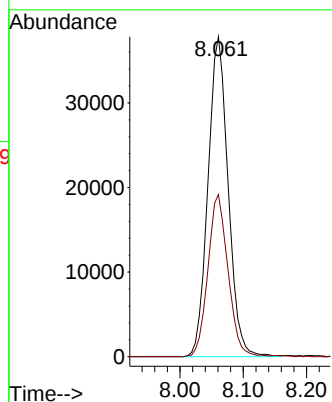
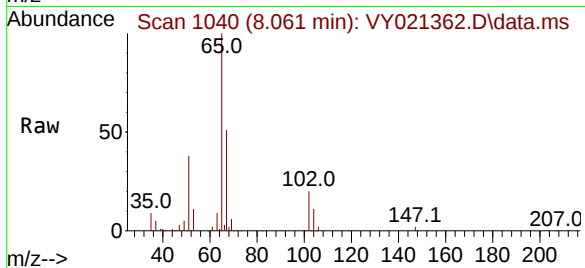
TP-2-WC-VOC

Tgt Ion: 65 Resp: 83842

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021362.D

Acq: 27 Feb 2025 16:45

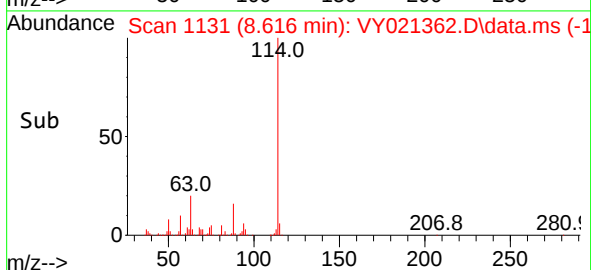
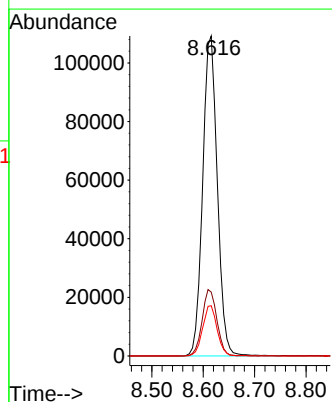
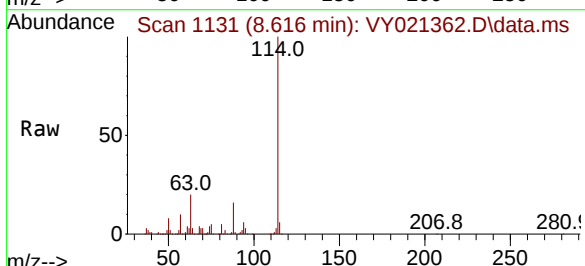
Tgt Ion:114 Resp: 215902

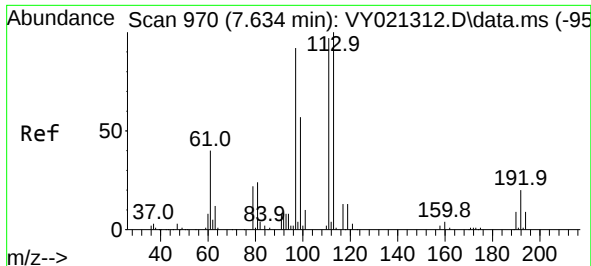
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.2

88 15.7 0.0 29.8

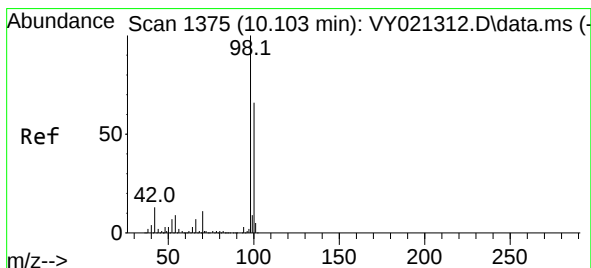
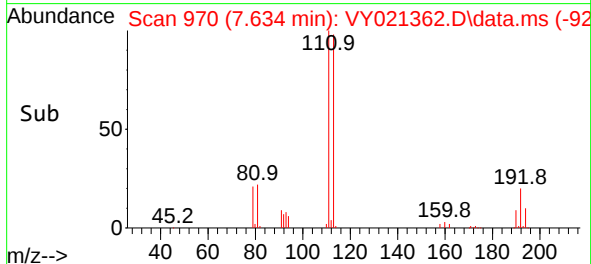
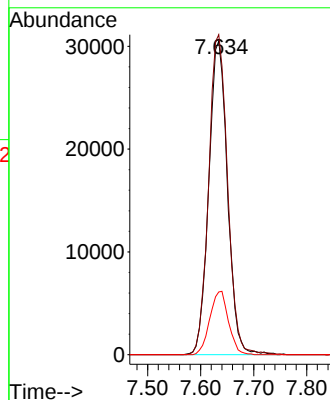
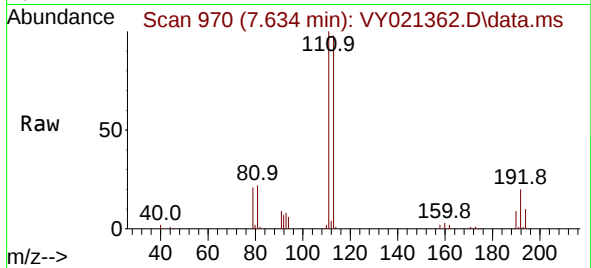




#35
Dibromofluoromethane
Concen: 52.783 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021362.D
Acq: 27 Feb 2025 16:45

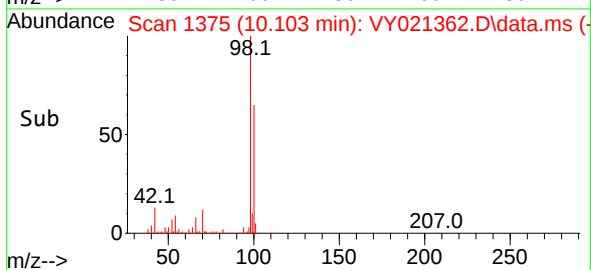
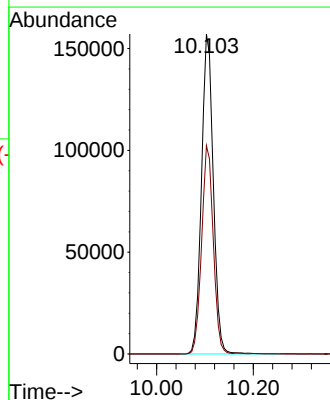
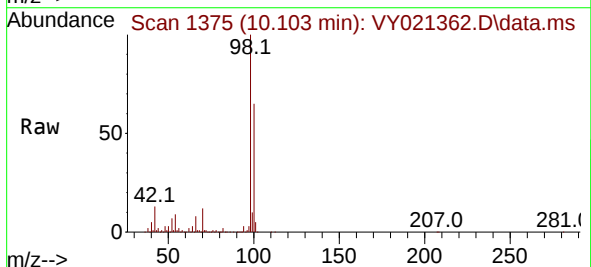
Instrument :
MSVOA_Y
ClientSampleId :
TP-2-WC-VOC

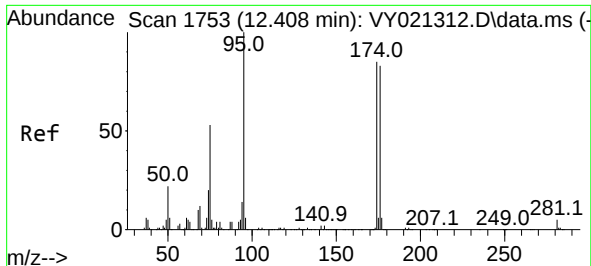
Tgt Ion:113 Resp: 74713
Ion Ratio Lower Upper
113 100
111 103.2 81.0 121.6
192 20.1 15.8 23.8



#50
Toluene-d8
Concen: 48.671 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021362.D
Acq: 27 Feb 2025 16:45

Tgt Ion: 98 Resp: 266250
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 49.249 ug/l

RT: 12.401 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021362.D

Acq: 27 Feb 2025 16:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-WC-VOC

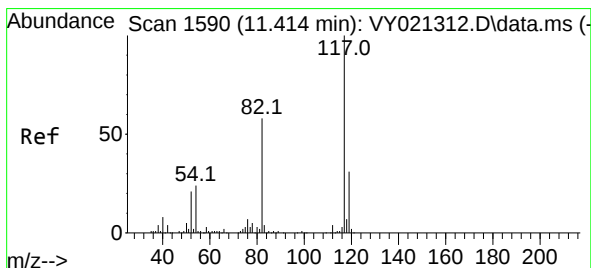
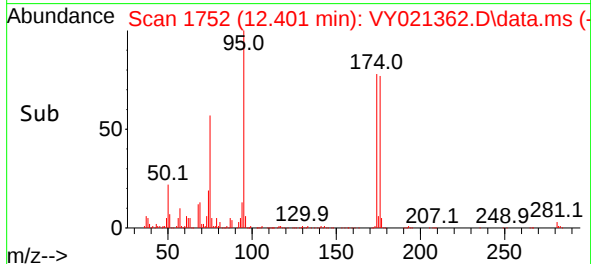
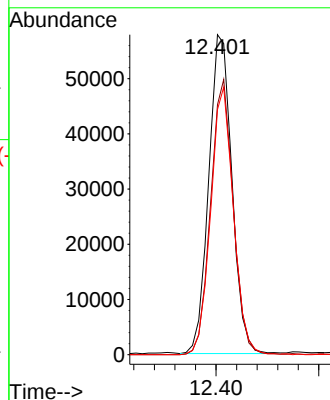
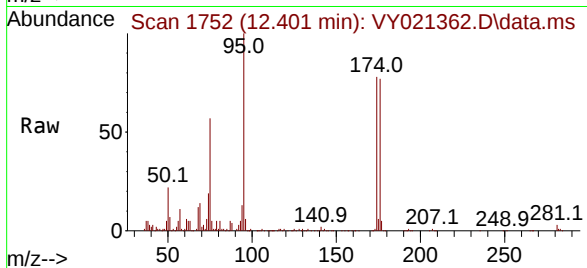
Tgt Ion: 95 Resp: 90669

Ion Ratio Lower Upper

95 100

174 83.9 0.0 168.0

176 82.1 0.0 162.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY021362.D

Acq: 27 Feb 2025 16:45

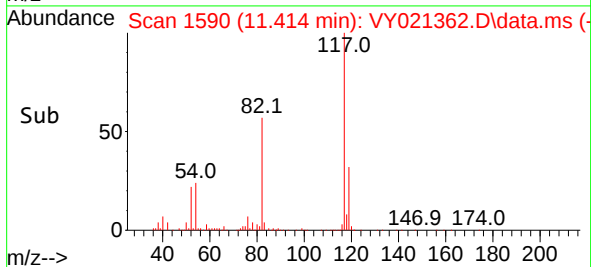
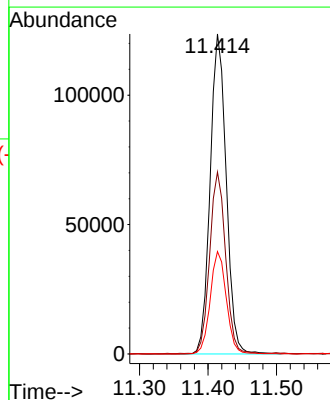
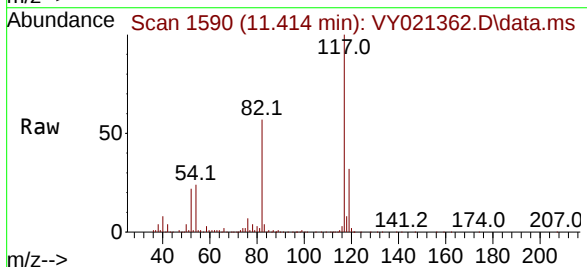
Tgt Ion: 117 Resp: 201412

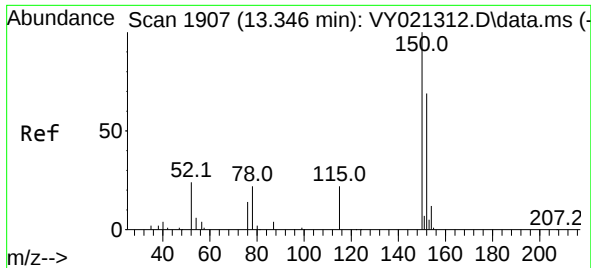
Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 32.0 24.9 37.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021362.D
 Acq: 27 Feb 2025 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-WC-VOC

Tgt Ion:152 Resp: 86351
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.3 88.0
 150 159.2 0.0 347.4

