

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021142.D
 Acq On : 07 Feb 2025 16:13
 Operator : SY/MD
 Sample : Q1309-11
 Misc : 4.17g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

Quant Time: Feb 08 02:43:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

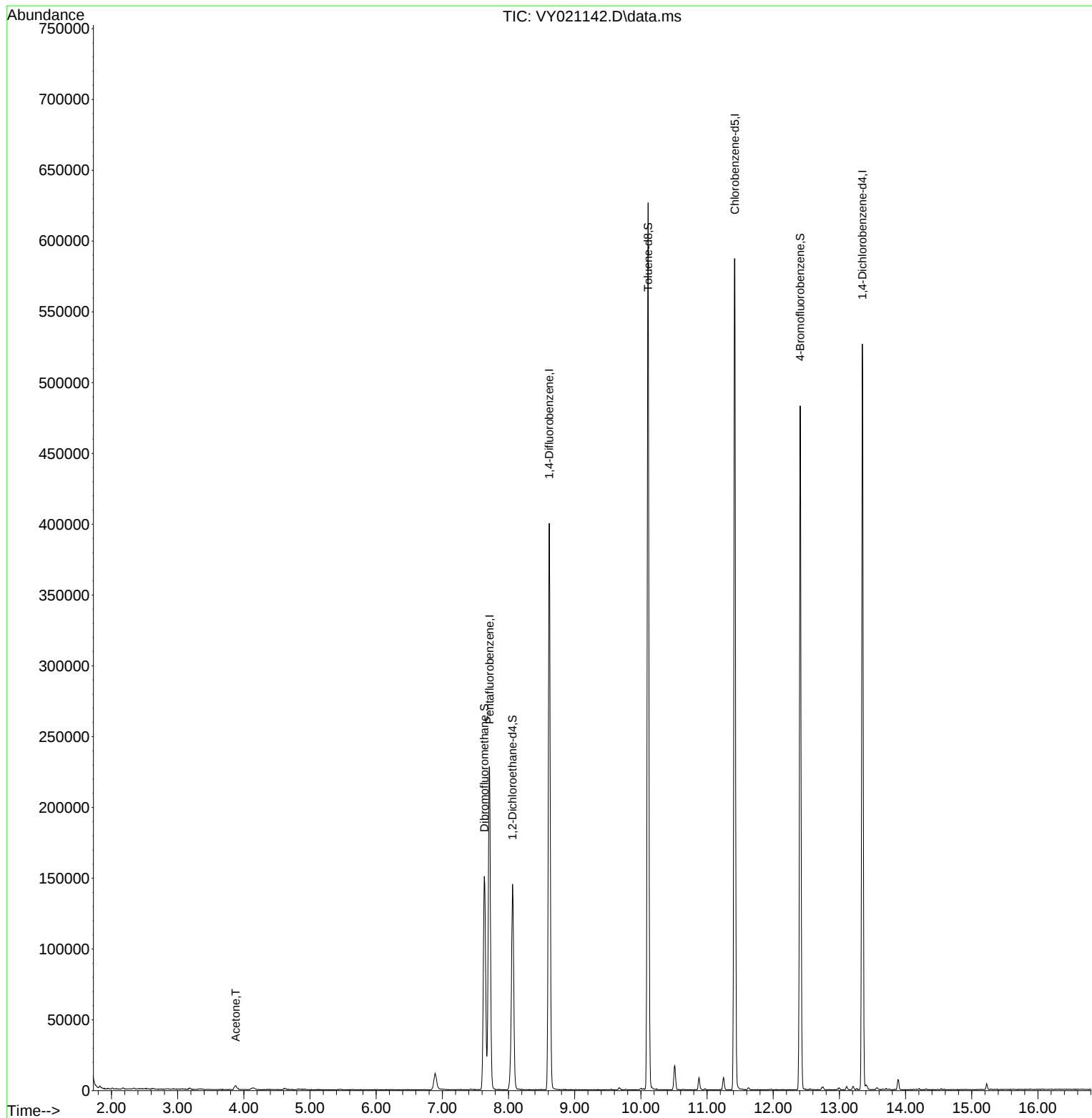
Internal Standards						
1) Pentafluorobenzene	7.713	168	175171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	325161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	311552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108184	60.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.560%
35) Dibromofluoromethane	7.634	113	107491	51.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.160%
50) Toluene-d8	10.109	98	398178	50.190	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.408	95	136709	52.747	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.500%
Target Compounds						
16) Acetone	3.879	43	5287	18.890	ug/l	92

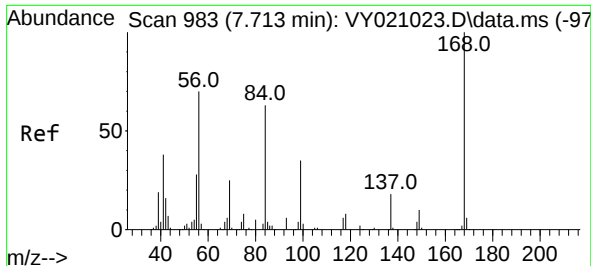
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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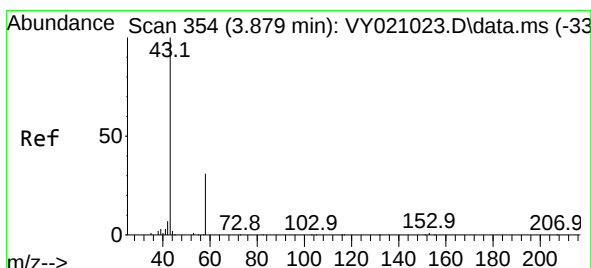
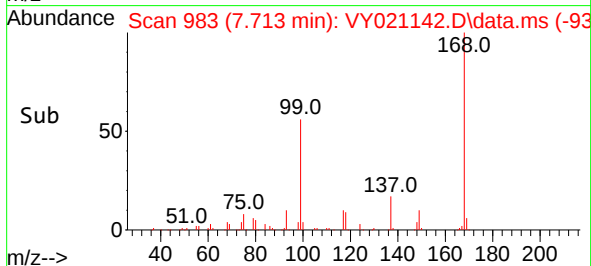
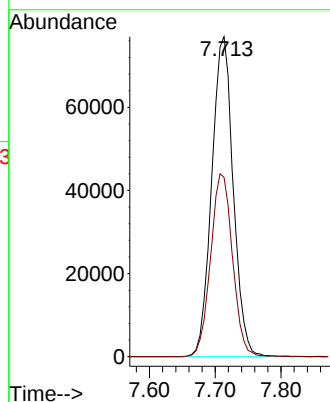
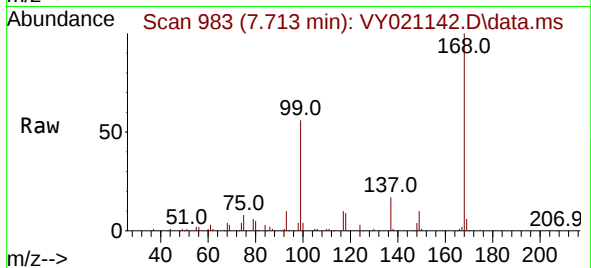




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

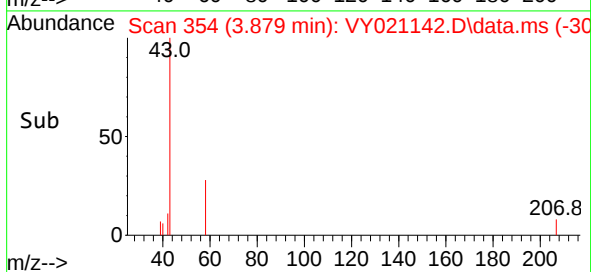
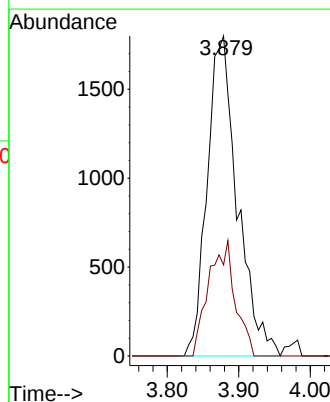
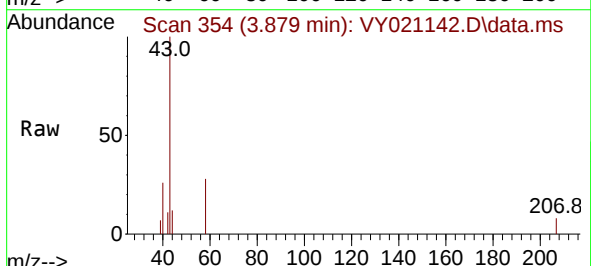
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

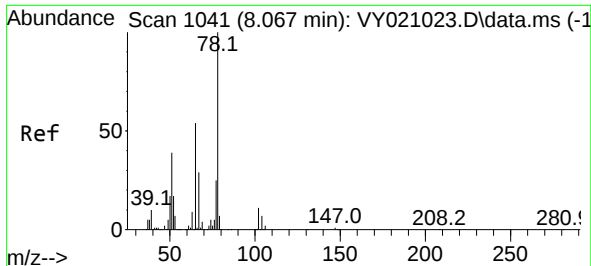
Tgt Ion:168 Resp: 175171
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#16
Acetone
Concen: 18.890 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

Tgt Ion: 43 Resp: 5287
Ion Ratio Lower Upper
43 100
58 28.4 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 60.277 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021142.D

Acq: 07 Feb 2025 16:13

Instrument :

MSVOA_Y

ClientSampleId :

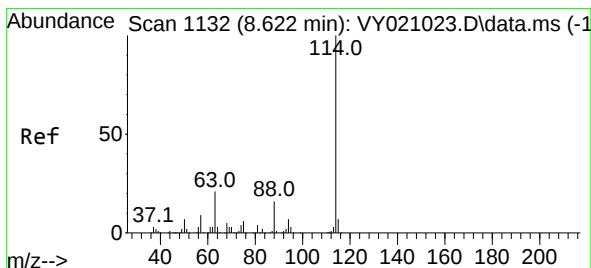
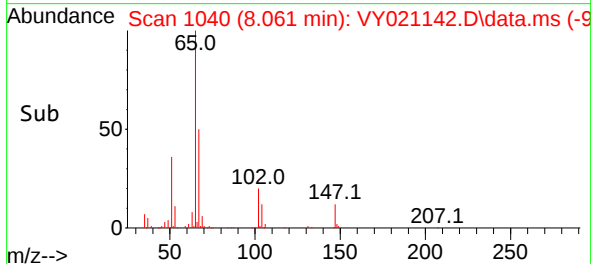
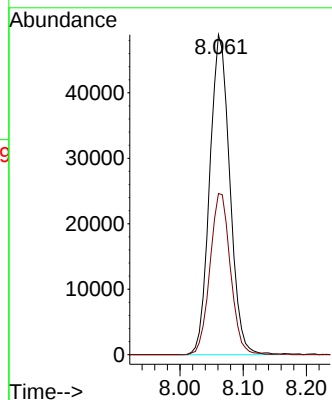
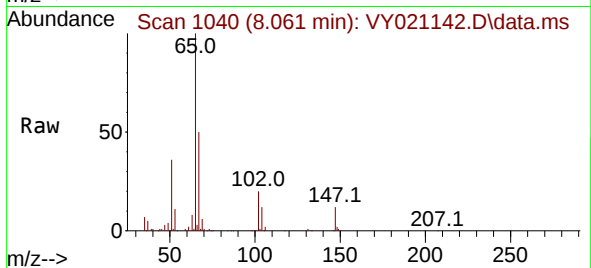
WC-4-VOC

Tgt Ion: 65 Resp: 108184

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021142.D

Acq: 07 Feb 2025 16:13

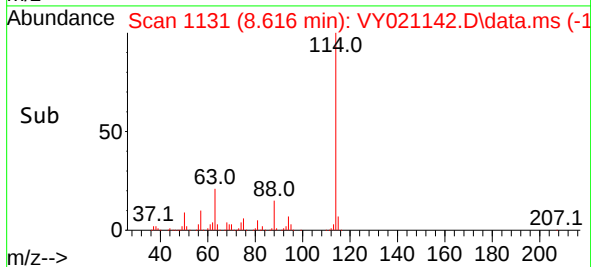
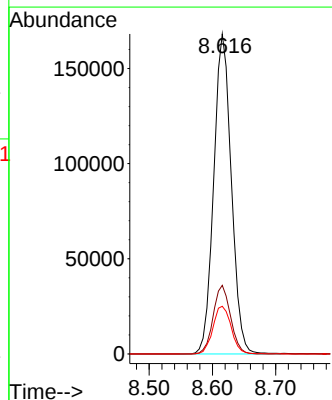
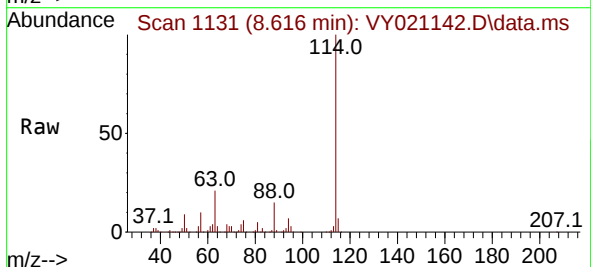
Tgt Ion: 114 Resp: 325161

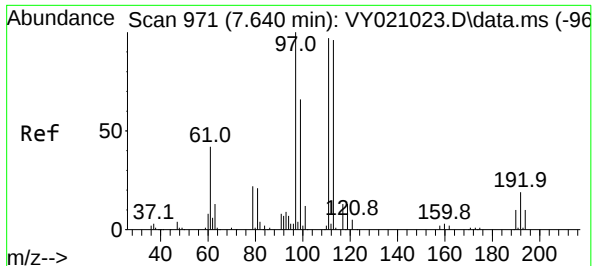
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 14.9 0.0 29.0

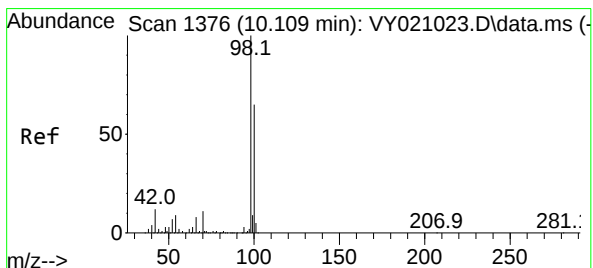
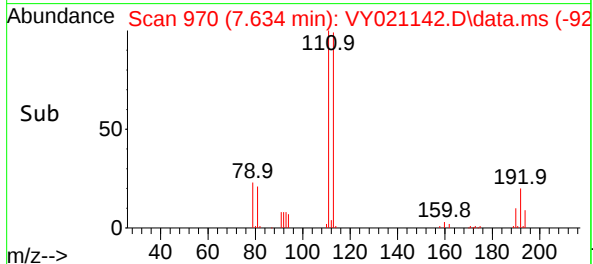
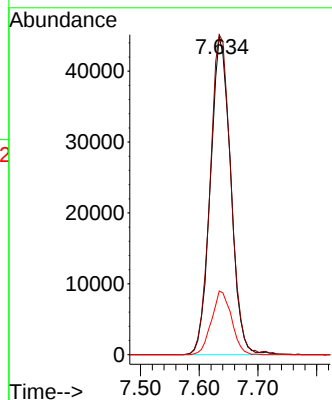
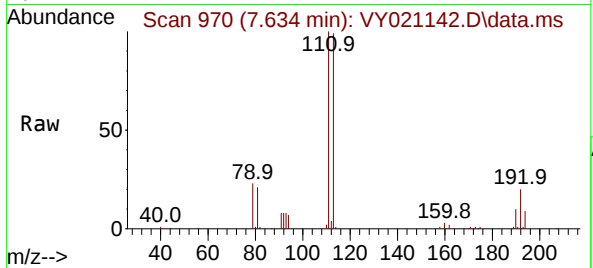




#35
Dibromofluoromethane
Concen: 51.583 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

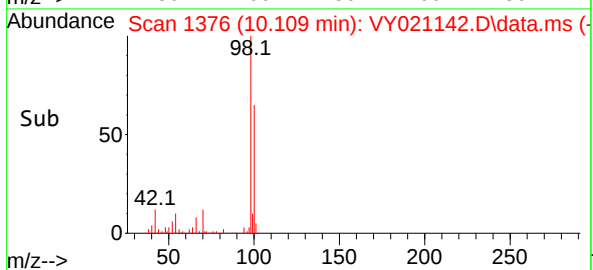
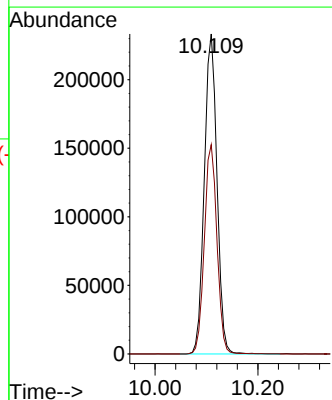
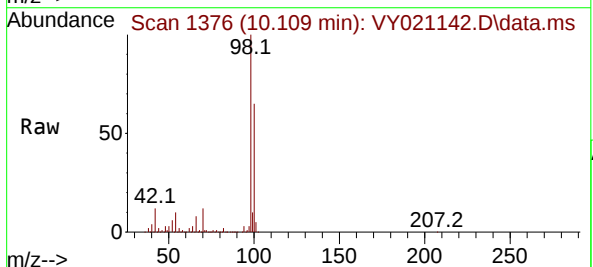
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

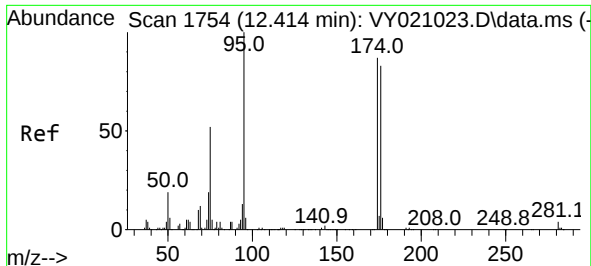
Tgt Ion:113 Resp: 107491
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 19.7 14.5 21.7



#50
Toluene-d8
Concen: 50.190 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

Tgt Ion: 98 Resp: 398178
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

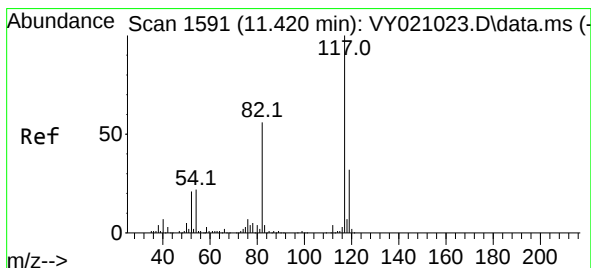
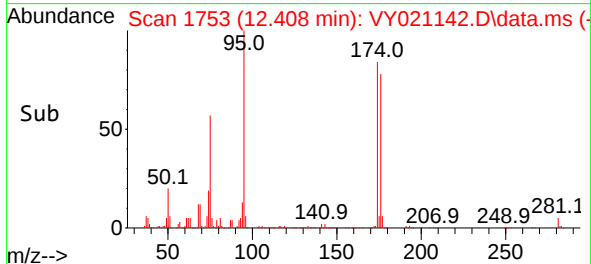
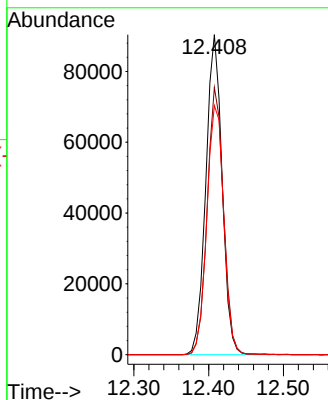
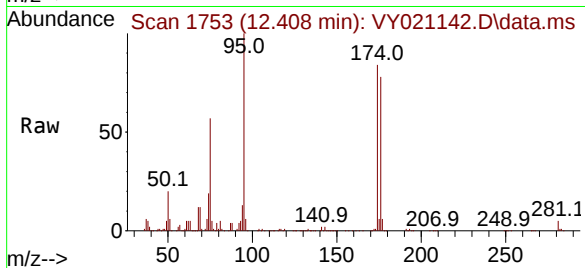




#62
4-Bromofluorobenzene
Concen: 52.747 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

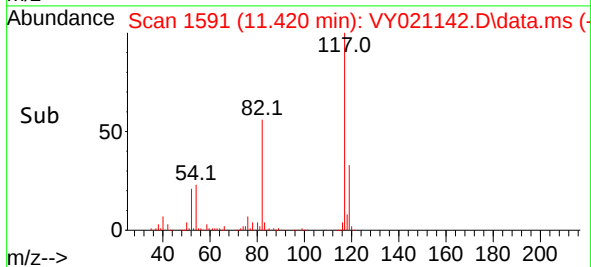
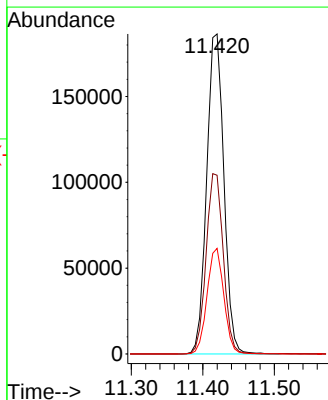
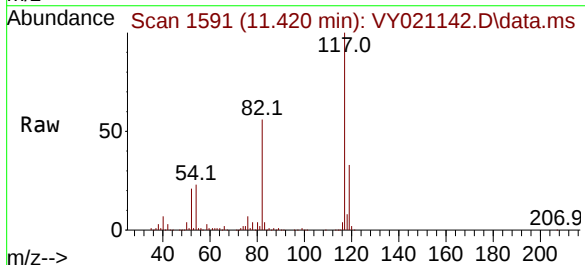
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

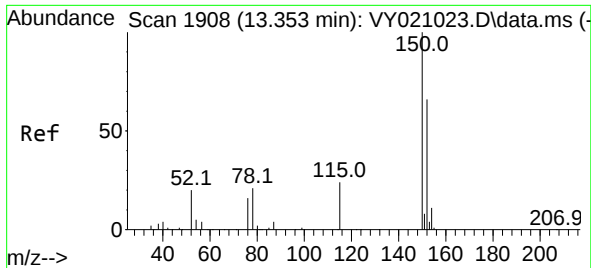
Tgt Ion: 95 Resp: 136709
Ion Ratio Lower Upper
95 100
174 84.0 0.0 160.0
176 81.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

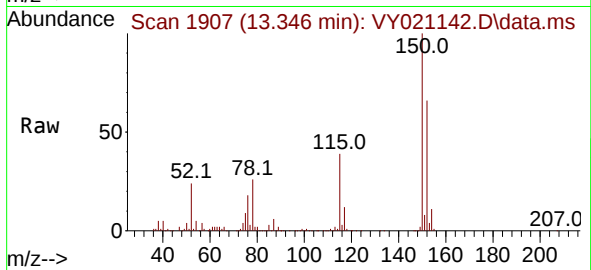
Tgt Ion: 117 Resp: 311552
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.8
119 33.0 26.5 39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021142.D
Acq: 07 Feb 2025 16:13

Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC



Tgt Ion:152 Resp: 131785
Ion Ratio Lower Upper
152 100
115 58.7 30.0 90.0
150 157.0 0.0 344.6

