

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021122.D
 Acq On : 06 Feb 2025 19:29
 Operator : SY/MD
 Sample : Q1309-15
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-VOC

Quant Time: Feb 07 02:37:03 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)

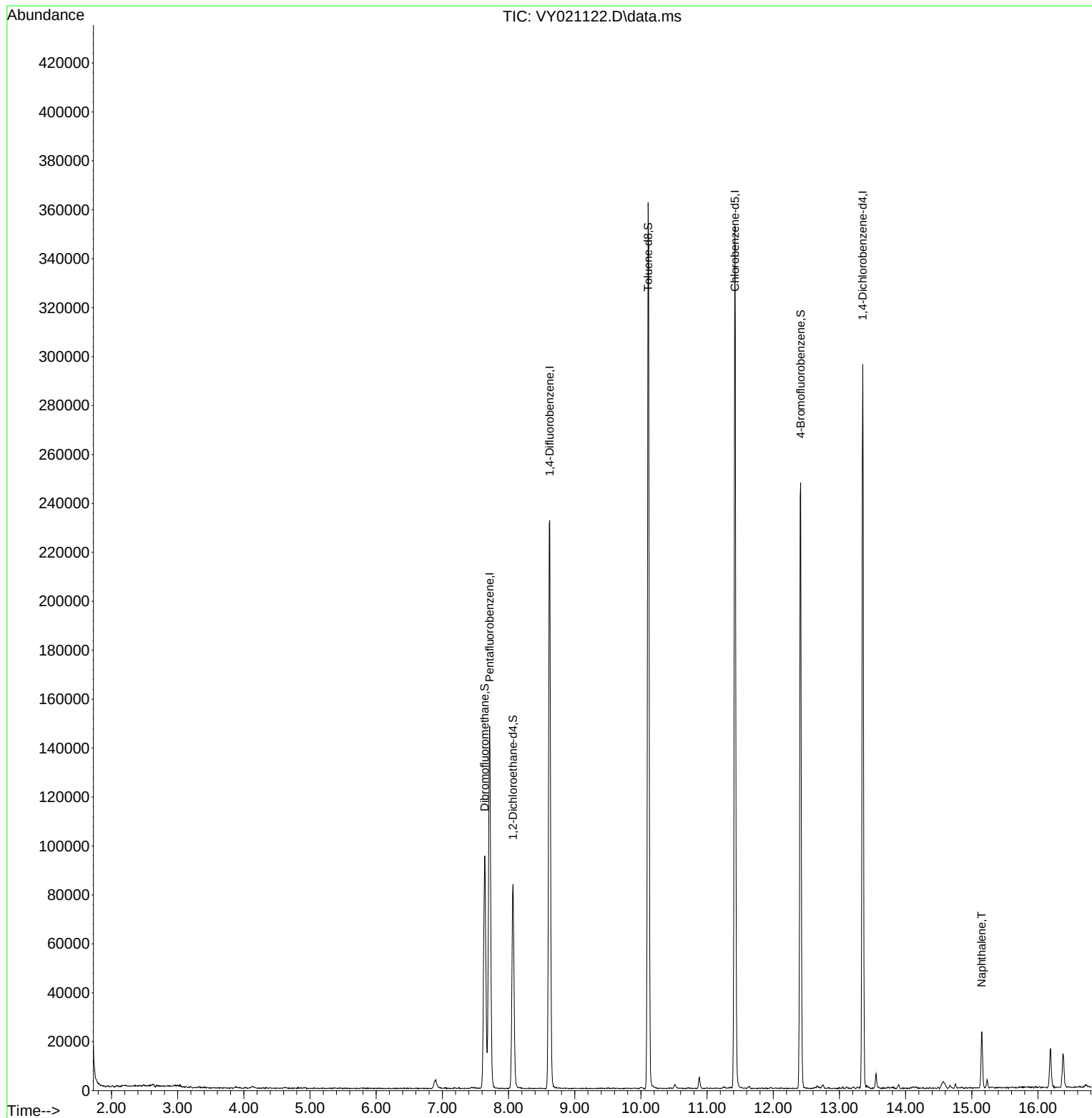
Internal Standards						
1) Pentafluorobenzene	7.713	168	116009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	201274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	182443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	73243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	66577	56.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.020%
35) Dibromofluoromethane	7.640	113	66664	51.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.360%
50) Toluene-d8	10.109	98	238432	48.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.414	95	77596	48.367	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.740%
Target Compounds						
95) Naphthalene	15.151	128	18190	9.231	ug/l	Qvalue 98

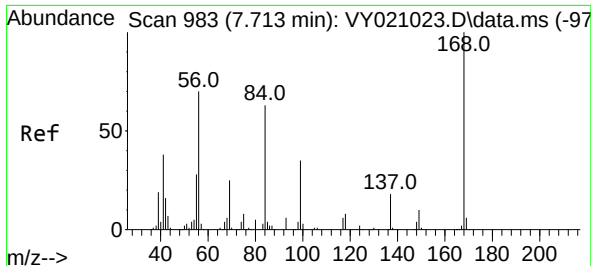
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
Data File : VY021122.D
Acq On : 06 Feb 2025 19:29
Operator : SY/MD
Sample : Q1309-15
Misc : 6.45g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

Quant Time: Feb 07 02:37:03 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

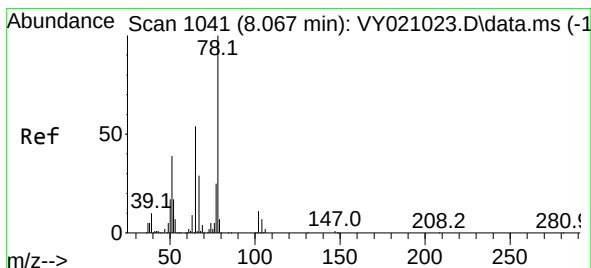
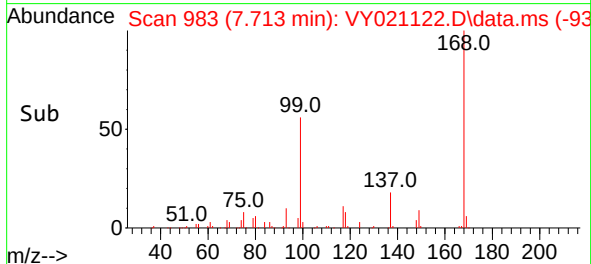
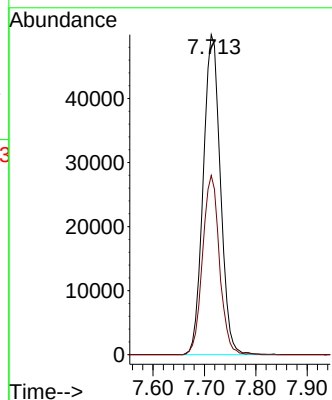
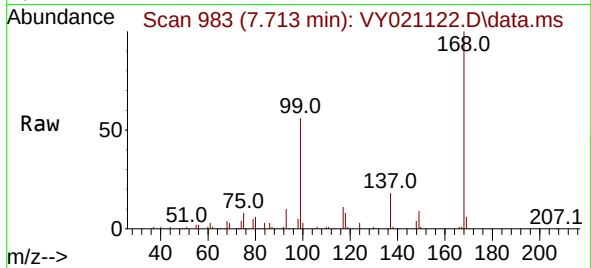




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021122.D
Acq: 06 Feb 2025 19:29

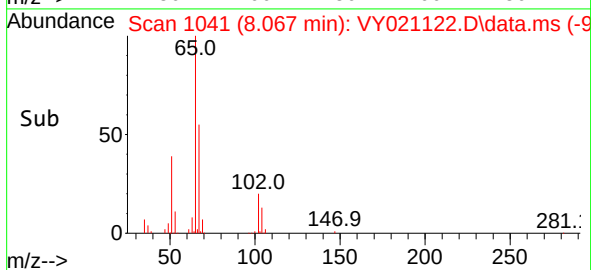
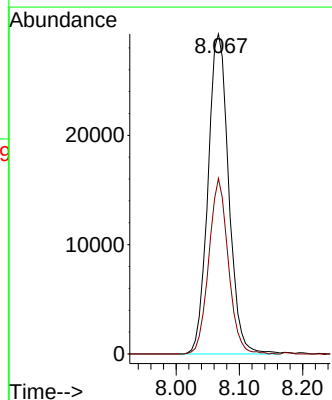
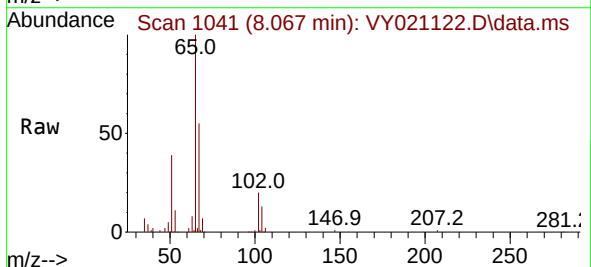
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

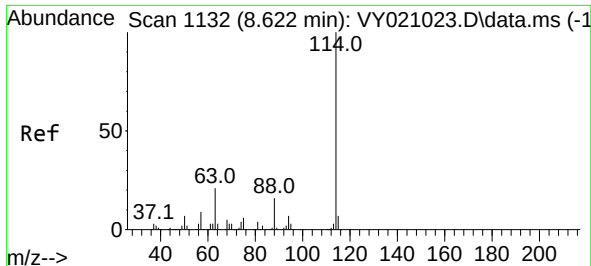
Tgt Ion:168 Resp: 116009
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.013 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021122.D
Acq: 06 Feb 2025 19:29

Tgt Ion: 65 Resp: 66577
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021122.D

Acq: 06 Feb 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

WC-5-VOC

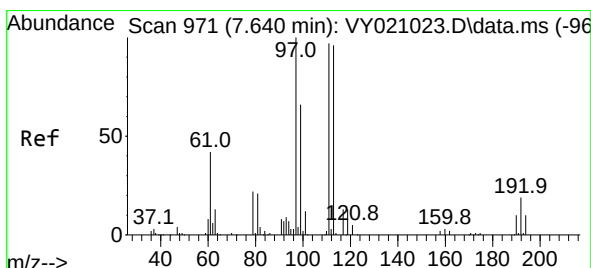
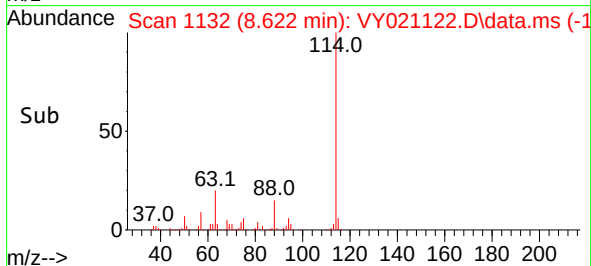
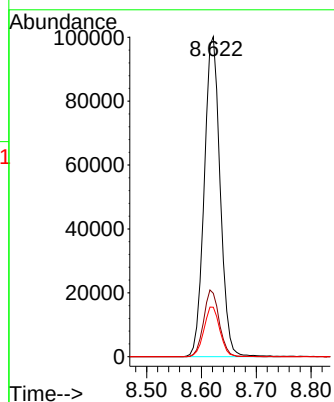
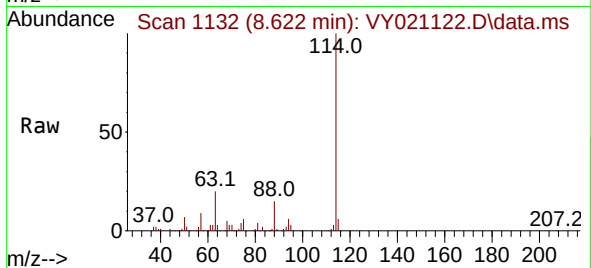
Tgt Ion:114 Resp: 201274

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.682 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021122.D

Acq: 06 Feb 2025 19:29

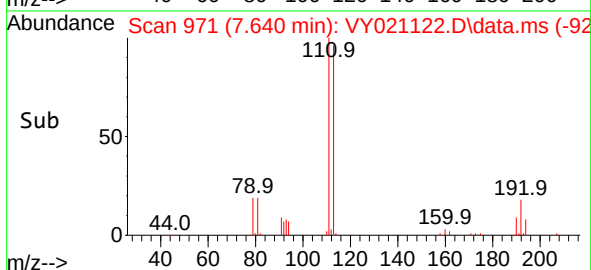
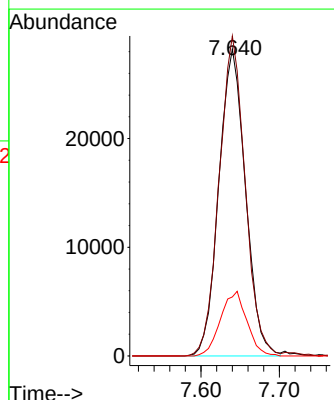
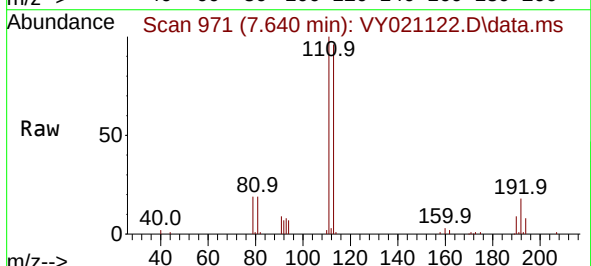
Tgt Ion:113 Resp: 66664

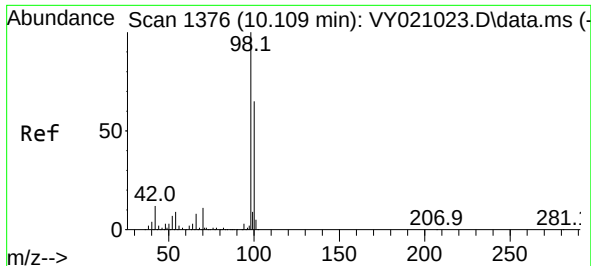
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 20.8 14.5 21.7

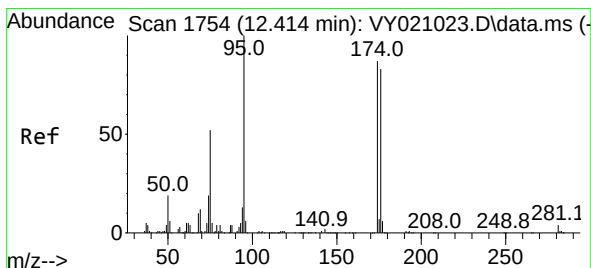
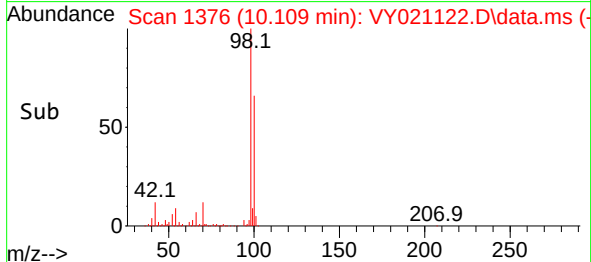
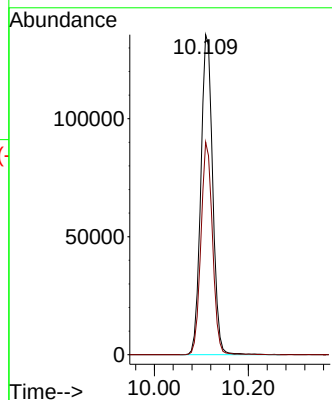
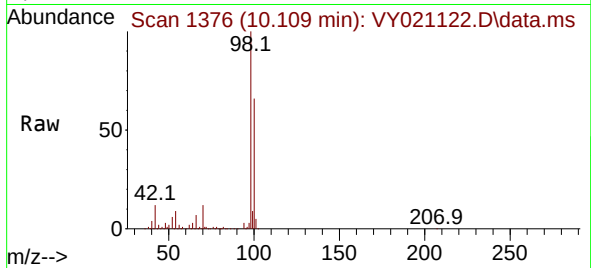




#50
Toluene-d8
Concen: 48.553 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021122.D
Acq: 06 Feb 2025 19:29

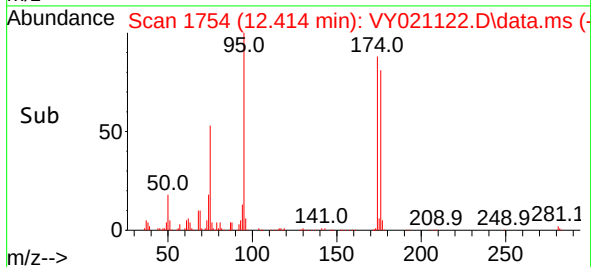
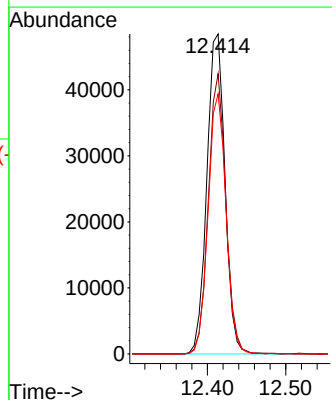
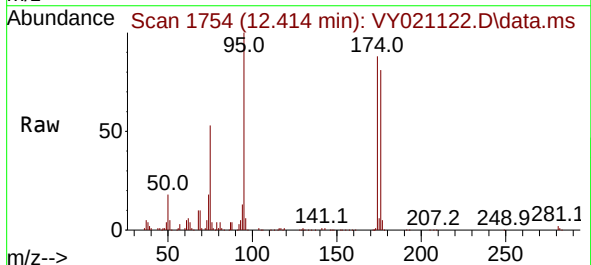
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

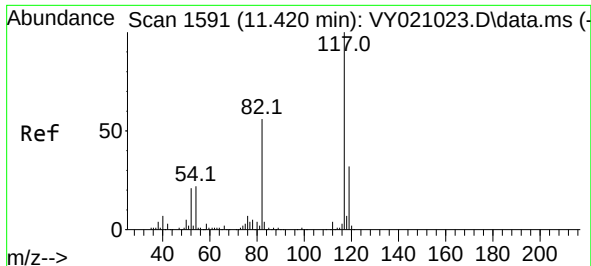
Tgt Ion: 98 Resp: 238432
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.367 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021122.D
Acq: 06 Feb 2025 19:29

Tgt Ion: 95 Resp: 77596
Ion Ratio Lower Upper
95 100
174 84.9 0.0 160.0
176 80.4 0.0 151.8

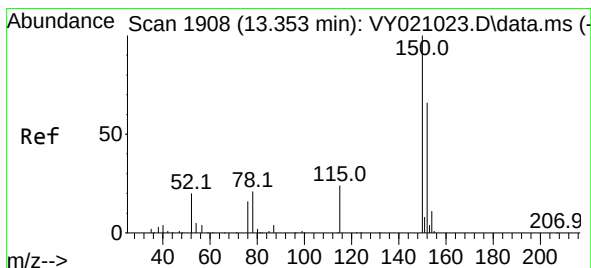
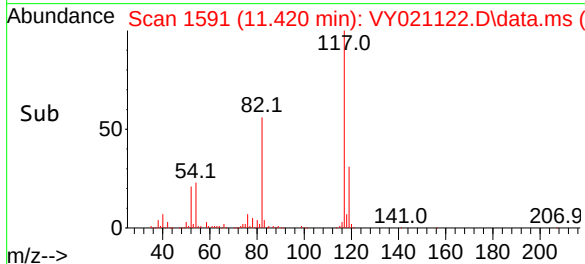
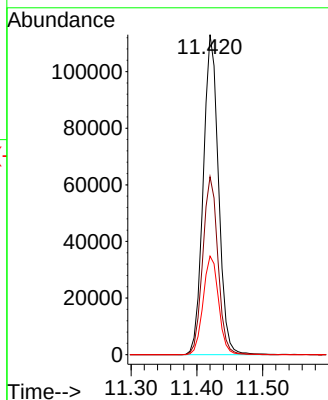
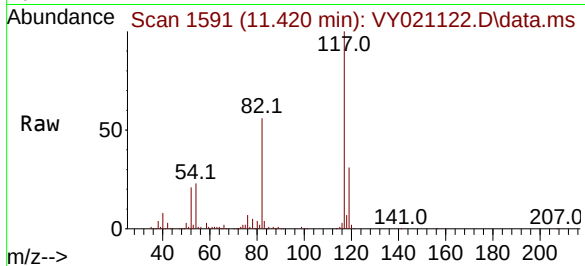




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021122.D
Acq: 06 Feb 2025 19:29

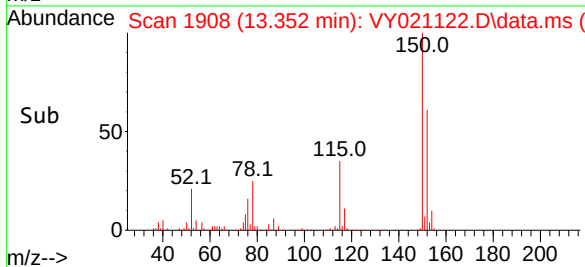
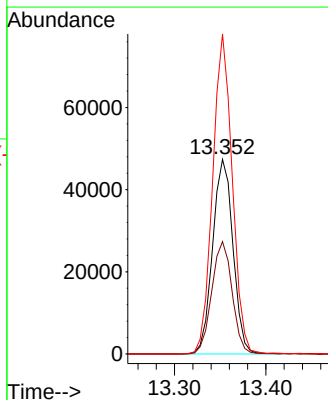
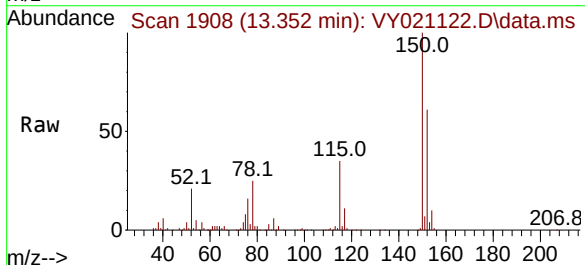
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC

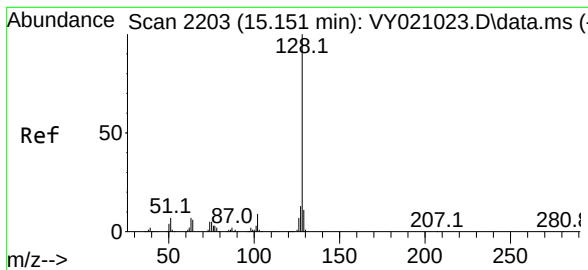
Tgt Ion:117 Resp: 182443
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 30.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021122.D
Acq: 06 Feb 2025 19:29

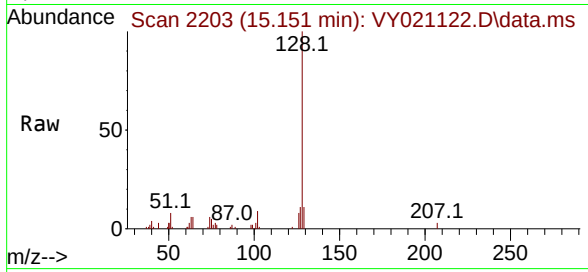
Tgt Ion:152 Resp: 73243
Ion Ratio Lower Upper
152 100
115 57.9 30.0 90.0
150 158.3 0.0 344.6





#95
Naphthalene
Concen: 9.231 ug/l
RT: 15.151 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021122.D
Acq: 06 Feb 2025 19:29

Instrument :
MSVOA_Y
ClientSampleId :
WC-5-VOC



Tgt Ion:	128	Resp:	18190
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	11.0	8.6	12.8

