

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021140.D
 Acq On : 07 Feb 2025 15:26
 Operator : SY/MD
 Sample : Q1309-23RE
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-8-VOC

Quant Time: Feb 08 02:42:29 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)

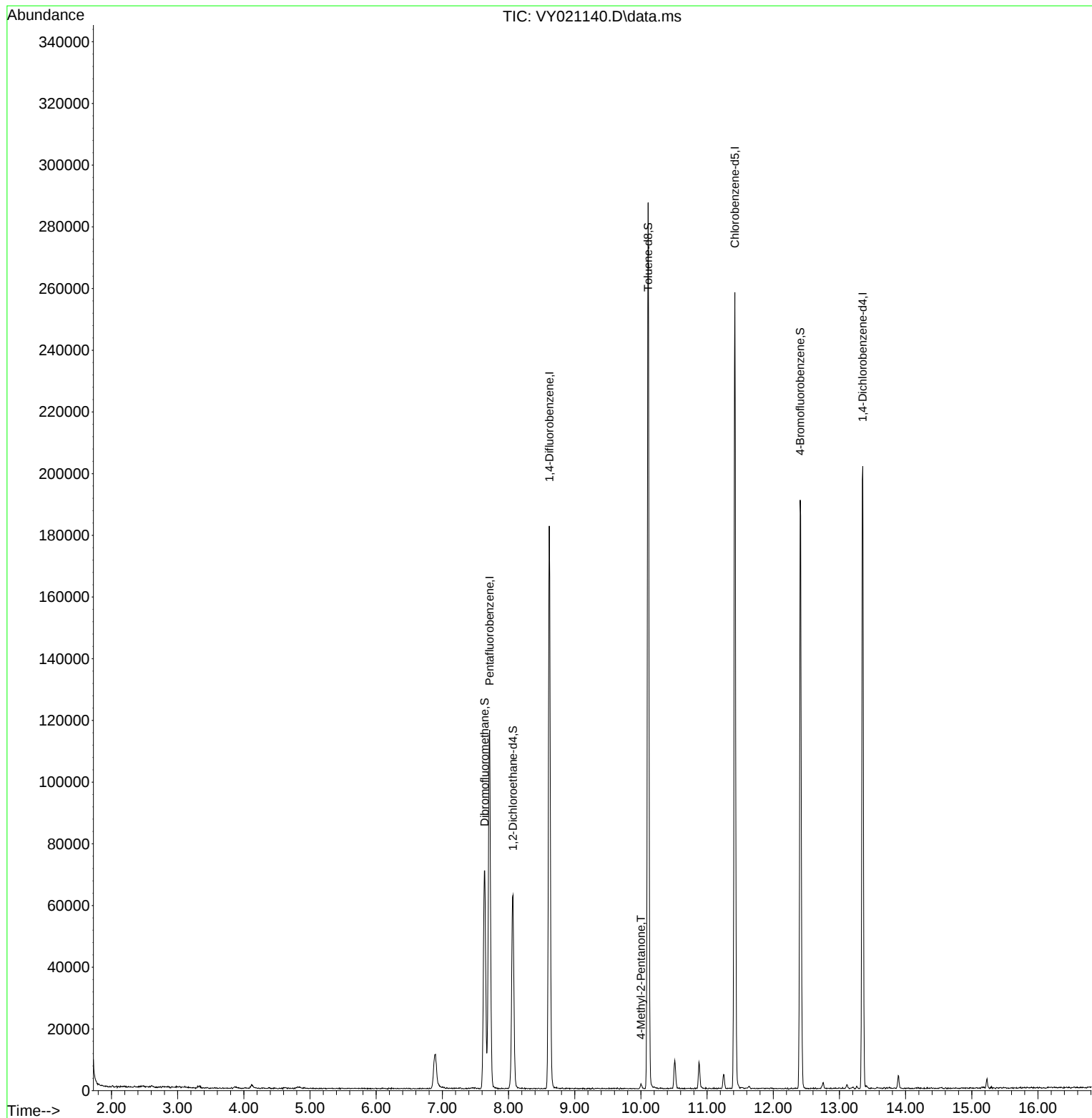
Internal Standards						
1) Pentafluorobenzene	7.713	168	89245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	151045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	132991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	51947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	50849	55.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.220%
35) Dibromofluoromethane	7.640	113	50559	52.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.460%
50) Toluene-d8	10.109	98	179410	48.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.408	95	54297	45.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.200%
Target Compounds						
51) 4-Methyl-2-Pentanone	10.000	43	1032	1.642	ug/l	Qvalue 96

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

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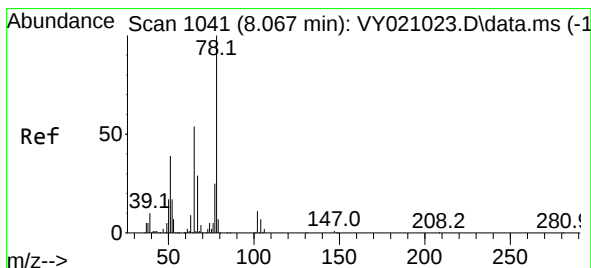
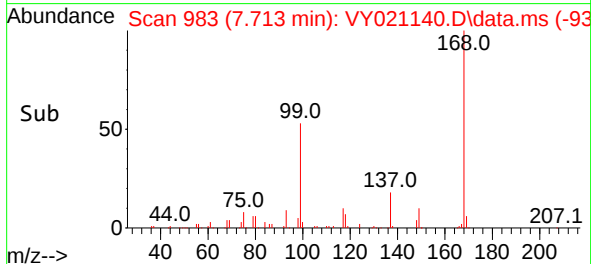
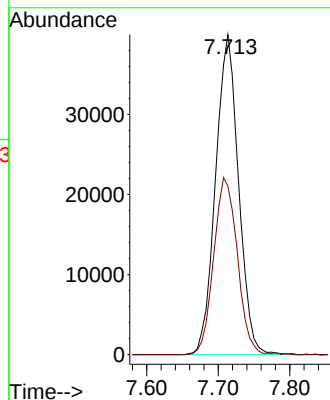
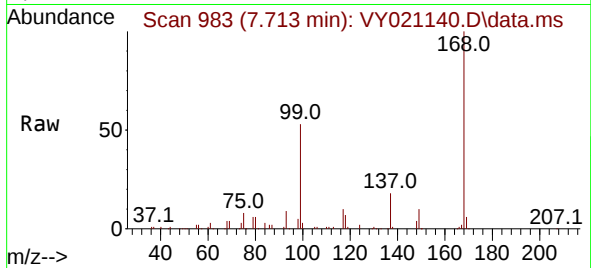




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021140.D
Acq: 07 Feb 2025 15:26

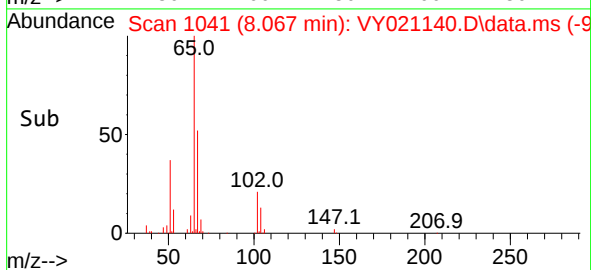
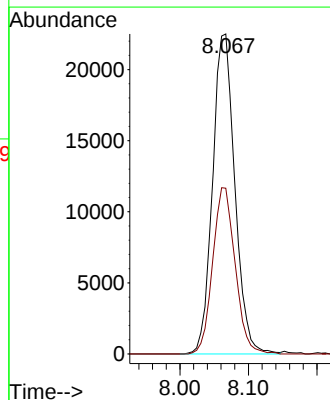
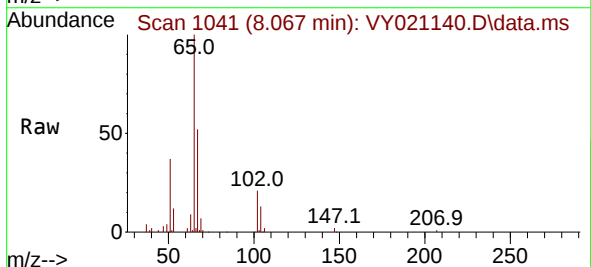
Instrument :
MSVOA_Y
ClientSampleId :
WC-8-VOC

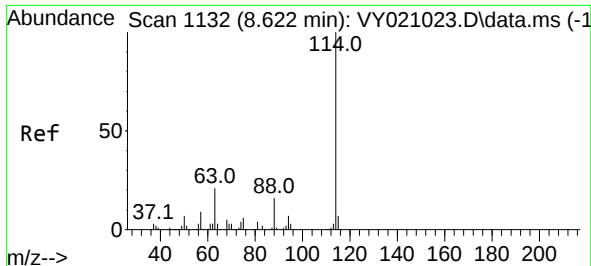
Tgt Ion:168 Resp: 89245
Ion Ratio Lower Upper
168 100
99 52.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.610 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021140.D
Acq: 07 Feb 2025 15:26

Tgt Ion: 65 Resp: 50849
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021140.D

Acq: 07 Feb 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

WC-8-VOC

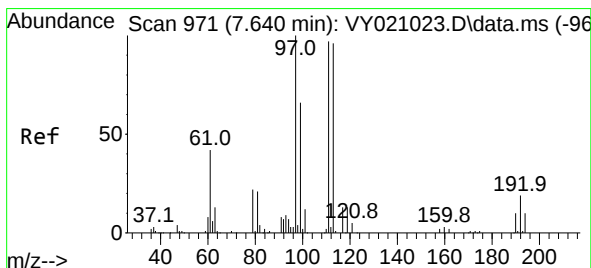
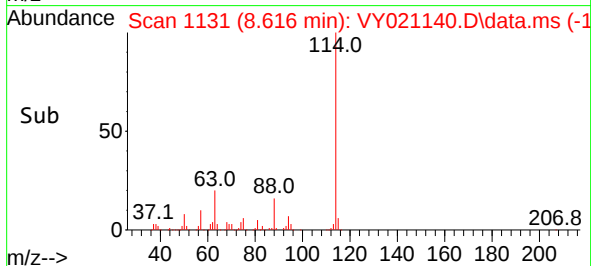
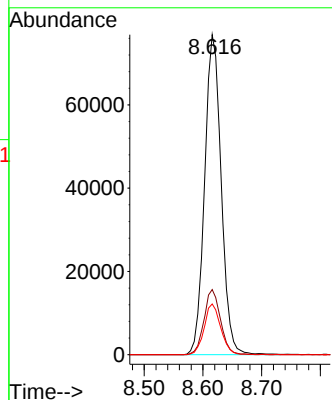
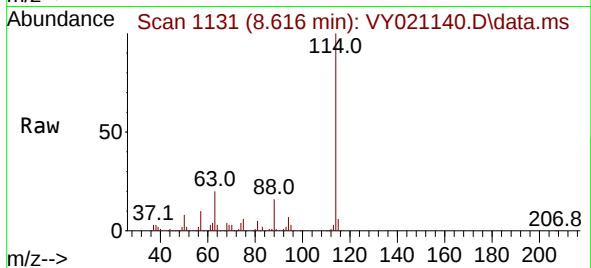
Tgt Ion:114 Resp: 151045

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.231 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021140.D

Acq: 07 Feb 2025 15:26

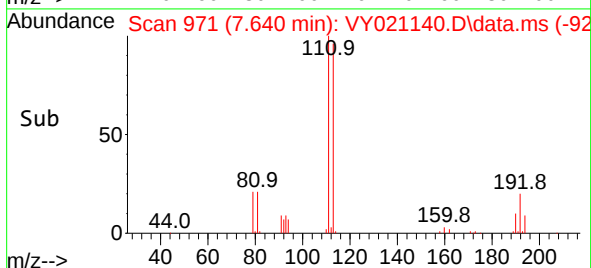
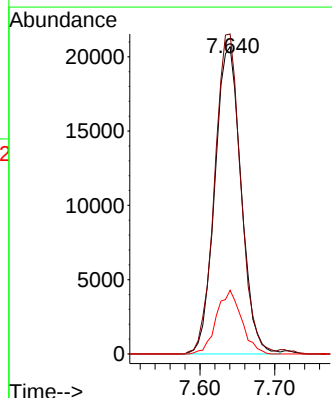
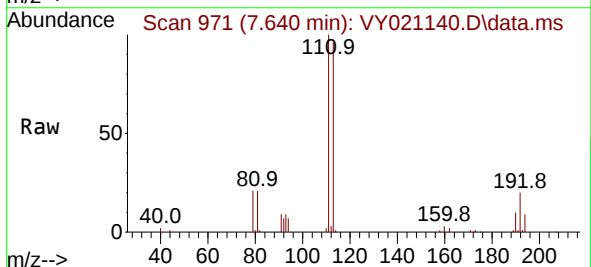
Tgt Ion:113 Resp: 50559

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 19.8 14.5 21.7

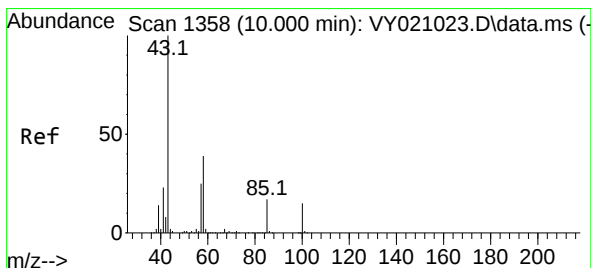
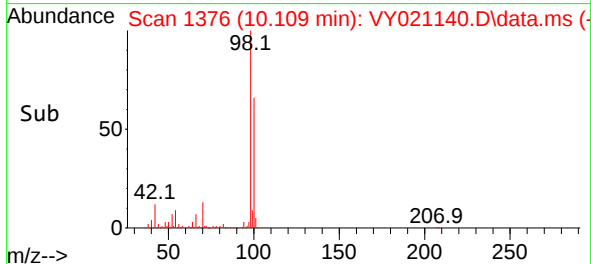
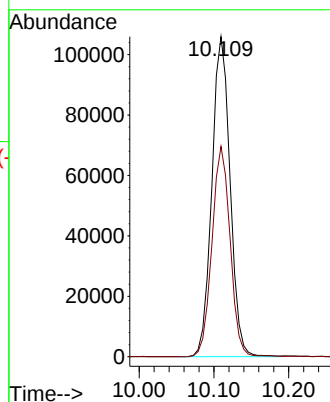
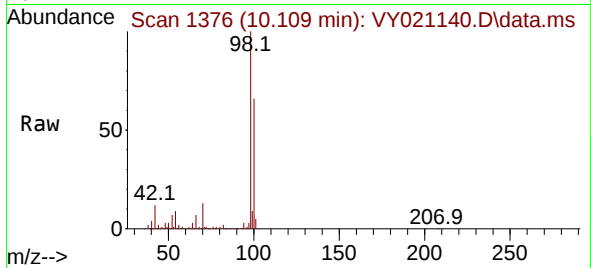




#50
Toluene-d8
Concen: 48.684 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021140.D
Acq: 07 Feb 2025 15:26

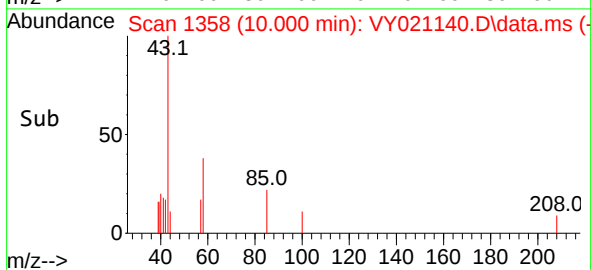
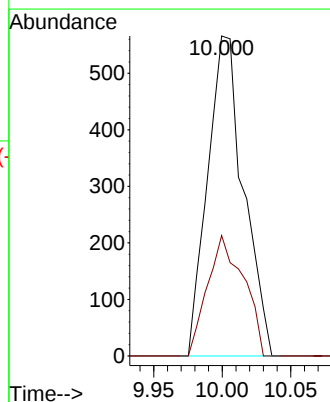
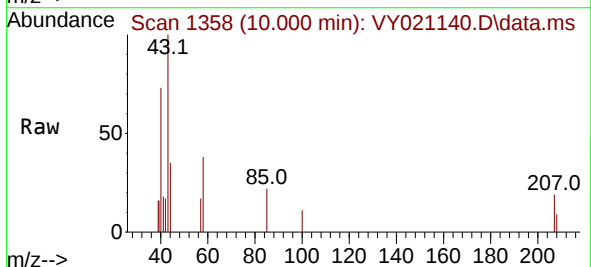
Instrument :
MSVOA_Y
ClientSampleId :
WC-8-VOC

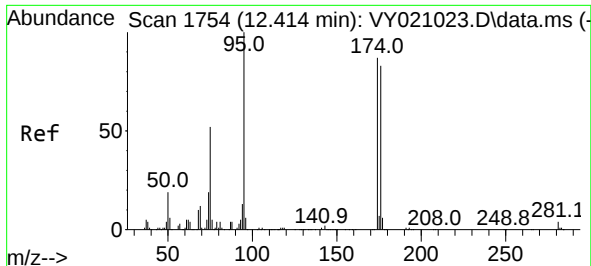
Tgt Ion: 98 Resp: 179410
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.642 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021140.D
Acq: 07 Feb 2025 15:26

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 37.9 32.2 48.2

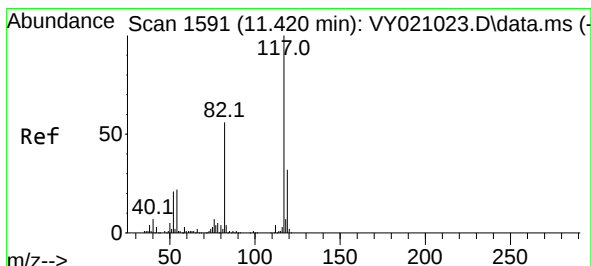
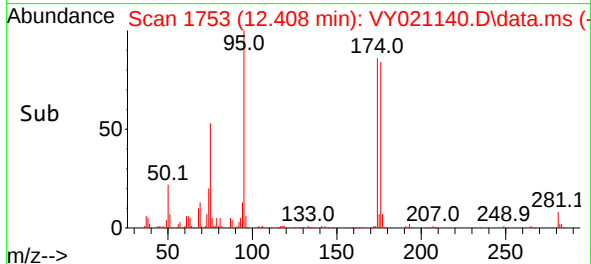
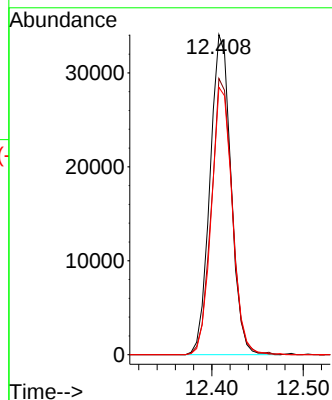
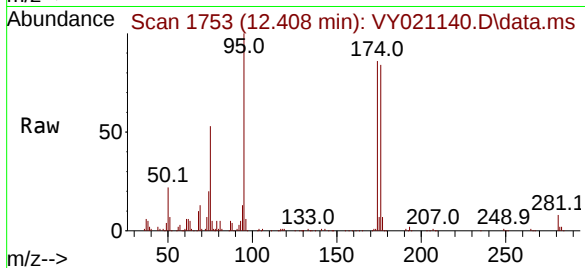




#62
4-Bromofluorobenzene
Concen: 45.099 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021140.D
Acq: 07 Feb 2025 15:26

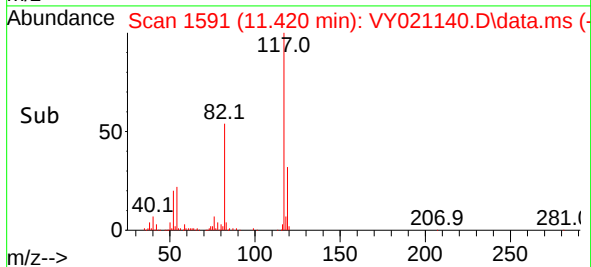
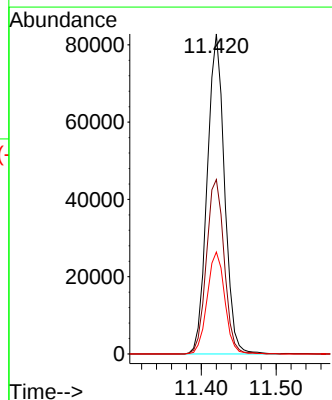
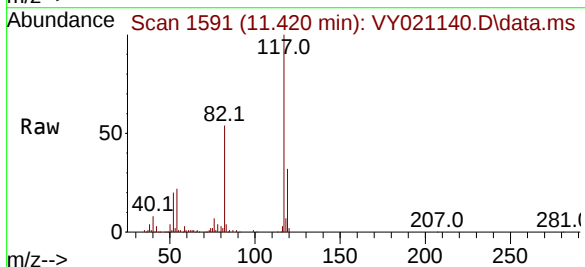
Instrument :
MSVOA_Y
ClientSampleId :
WC-8-VOC

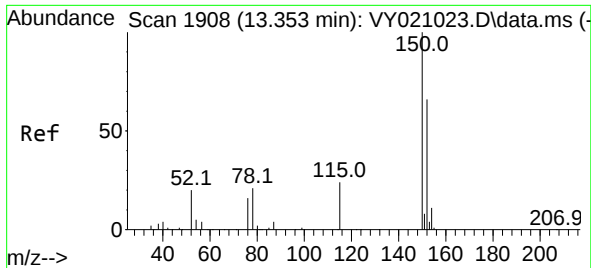
Tgt Ion: 95 Resp: 54297
Ion Ratio Lower Upper
95 100
174 85.6 0.0 160.0
176 83.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021140.D
Acq: 07 Feb 2025 15:26

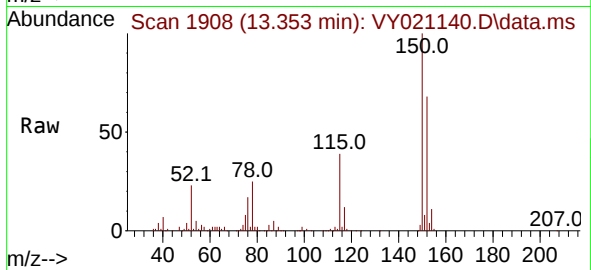
Tgt Ion: 117 Resp: 132991
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 31.9 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021140.D
 Acq: 07 Feb 2025 15:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-8-VOC



Tgt Ion:	152	Resp:	51947
Ion Ratio	Lower	Upper	
152	100		
115	58.5	30.0	90.0
150	153.8	0.0	344.6

