

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021159.D
 Acq On : 10 Feb 2025 17:09
 Operator : SY/MD
 Sample : Q1343-15
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-13-VOC

Quant Time: Feb 11 00:32:12 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	2463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	4395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	2805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1954	77.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.860%
35) Dibromofluoromethane	7.646	113	1683	59.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.500%
50) Toluene-d8	10.115	98	5084	47.412	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.414	95	552	15.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	31.520%

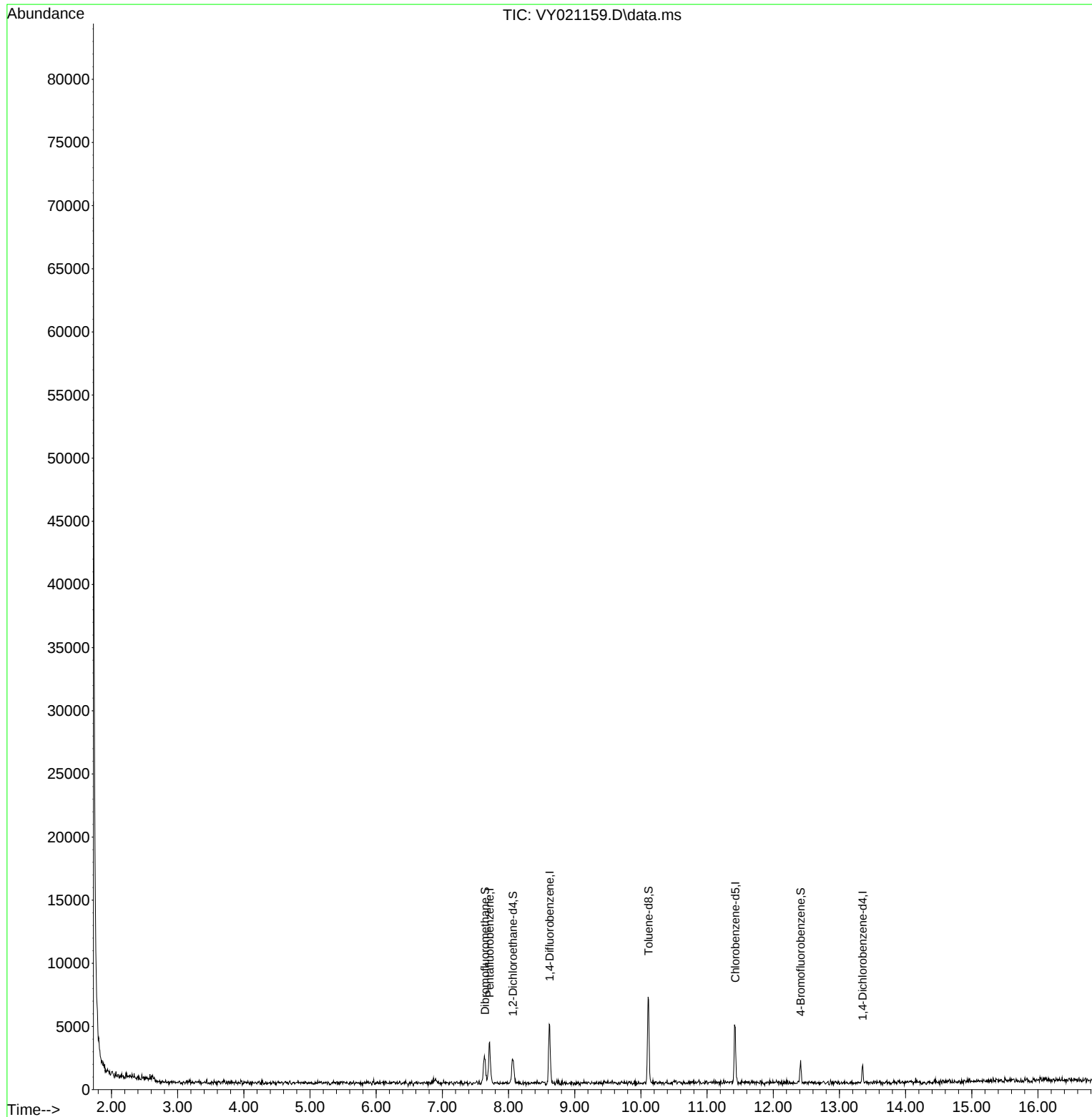
Target Compounds	Qvalue

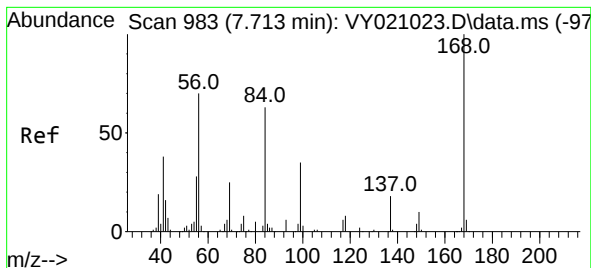
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021159.D

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Instrument :

MSVOA_Y

ClientSampleId :

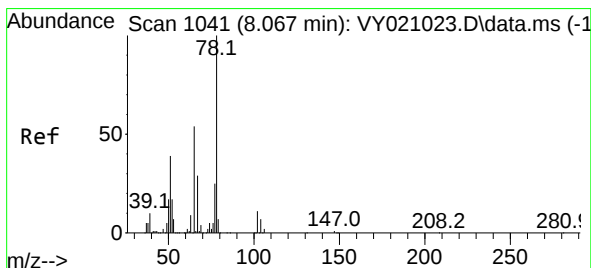
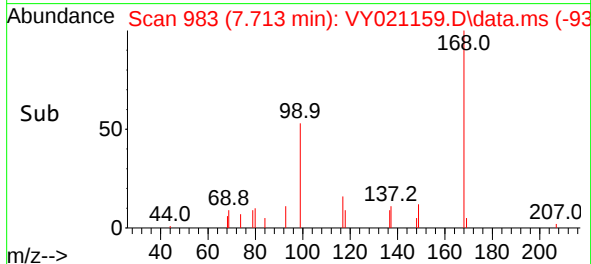
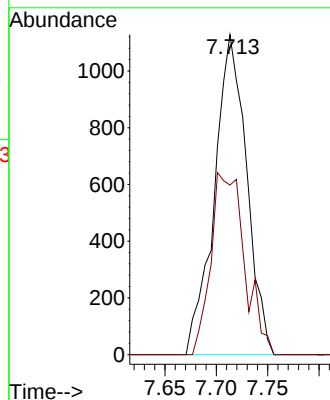
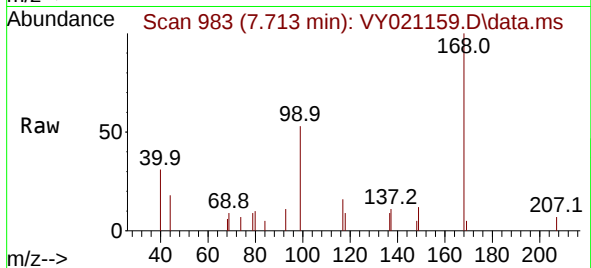
WC-13-VOC

Tgt Ion:168 Resp: 2463

Ion Ratio Lower Upper

168 100

99 53.0 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 77.431 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021159.D

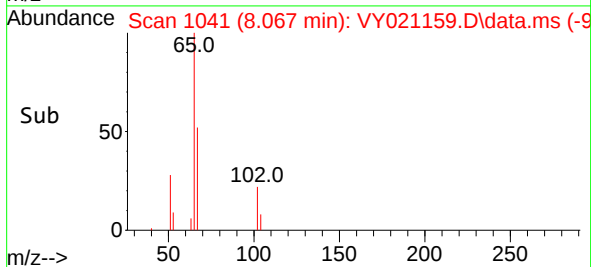
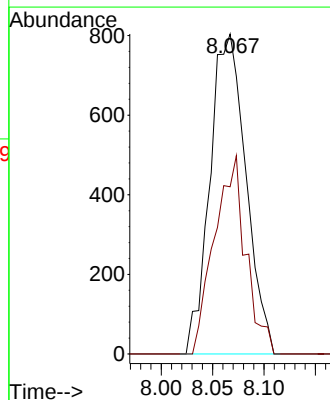
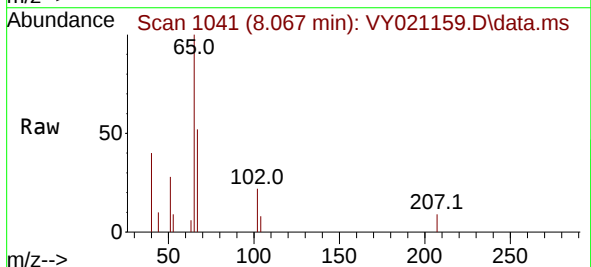
Acq: 10 Feb 2025 17:09

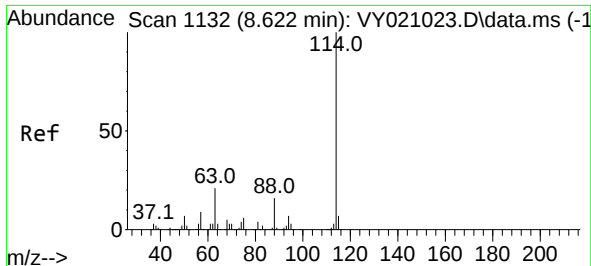
Tgt Ion: 65 Resp: 1954

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0

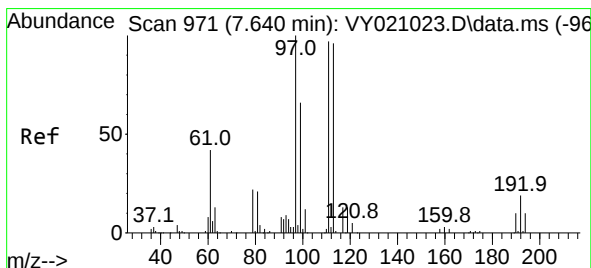
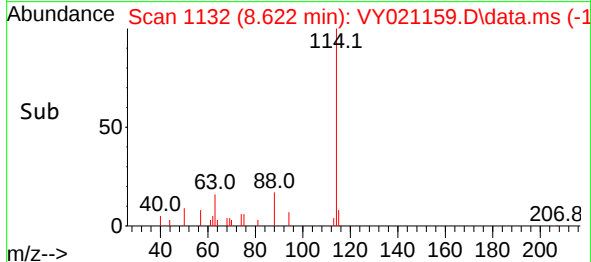
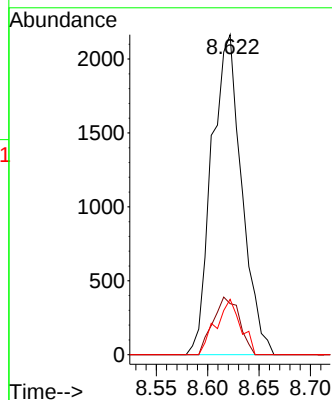
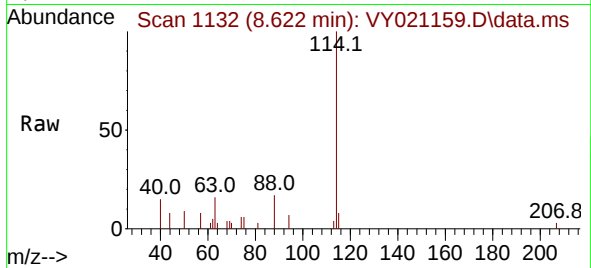




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021159.D
Acq: 10 Feb 2025 17:09

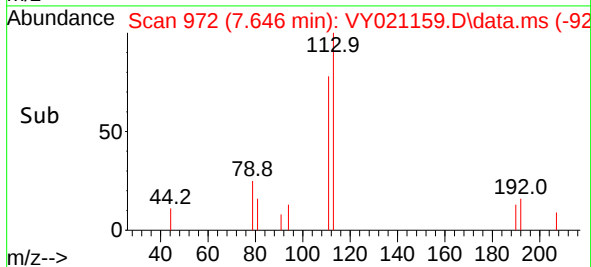
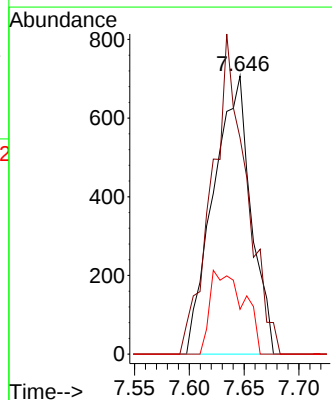
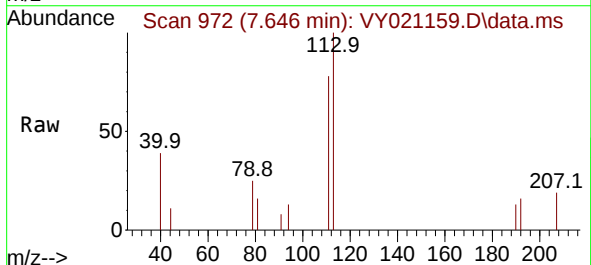
Instrument :
MSVOA_Y
ClientSampleId :
WC-13-VOC

Tgt Ion:	114	Resp:	4395
Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	37.4
88	17.3	0.0	29.0



#35
Dibromofluoromethane
Concen: 59.753 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021159.D
Acq: 10 Feb 2025 17:09

Tgt Ion:	113	Resp:	1683
Ion	Ratio	Lower	Upper
113	100		
111	105.3	83.8	125.6
192	0.0	14.5	21.7#

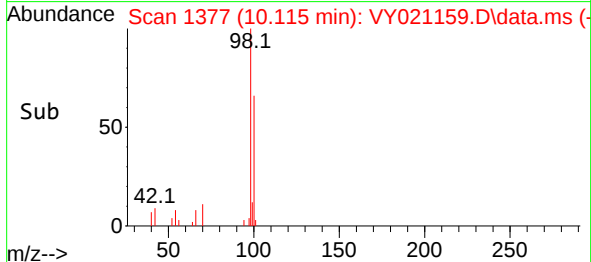
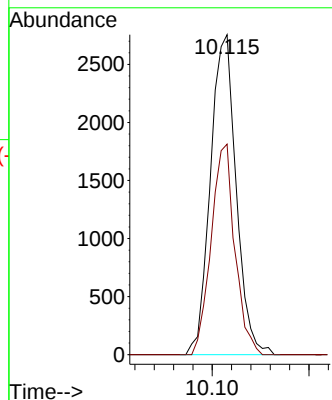
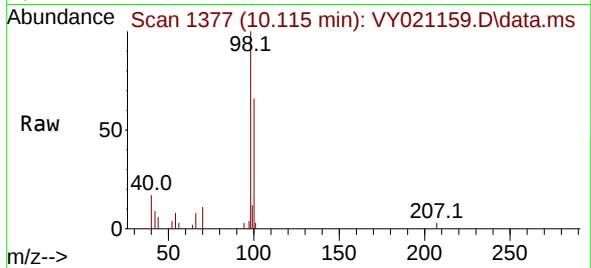




#50
Toluene-d8
Concen: 47.412 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021159.D
Acq: 10 Feb 2025 17:09

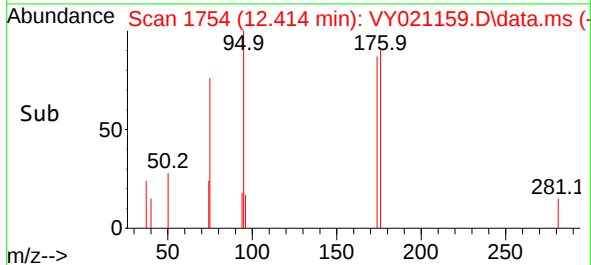
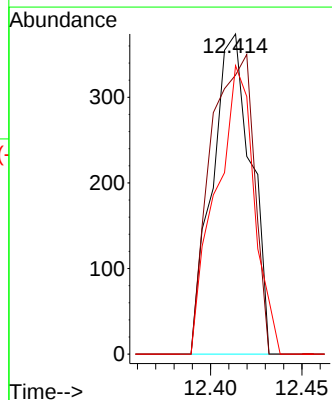
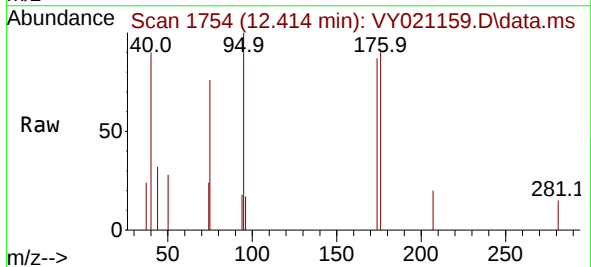
Instrument :
MSVOA_Y
ClientSampleId :
WC-13-VOC

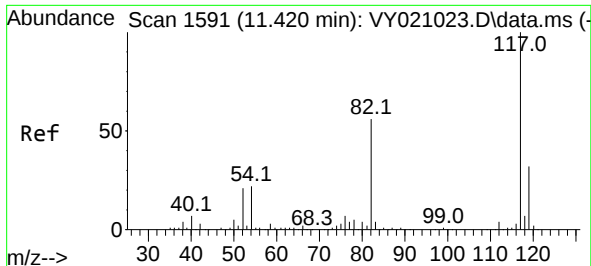
Tgt Ion: 98 Resp: 5084
Ion Ratio Lower Upper
98 100
100 60.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 15.757 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021159.D
Acq: 10 Feb 2025 17:09

Tgt Ion: 95 Resp: 552
Ion Ratio Lower Upper
95 100
174 104.2 0.0 160.0
176 89.3 0.0 151.8

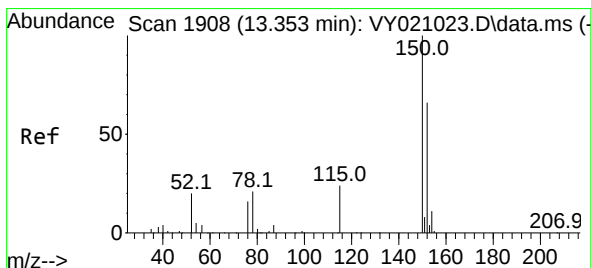
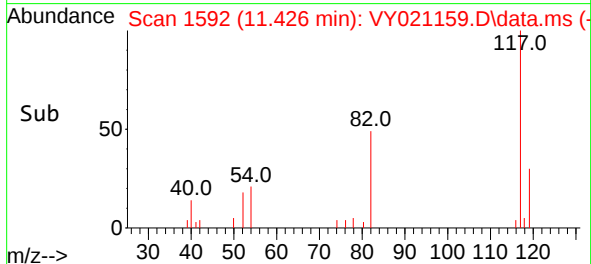
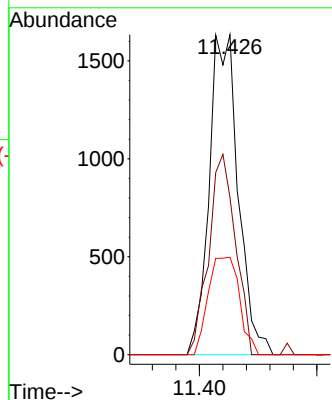
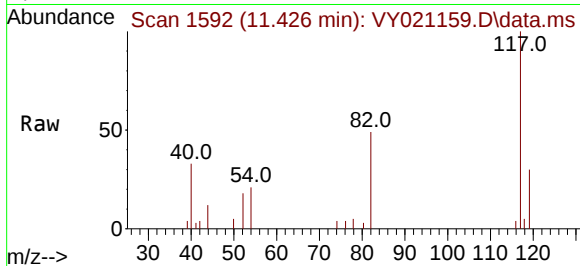




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021159.D
Acq: 10 Feb 2025 17:09

Instrument :
MSVOA_Y
ClientSampleId :
WC-13-VOC

Tgt Ion:117 Resp: 2805
Ion Ratio Lower Upper
117 100
82 49.1 43.8 65.8
119 30.5 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: VY021159.D
Acq: 10 Feb 2025 17:09

Tgt Ion:152 Resp: 388
Ion Ratio Lower Upper
152 100
115 65.7 30.0 90.0
150 204.6 0.0 344.6

