

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021161.D
 Acq On : 10 Feb 2025 17:56
 Operator : SY/MD
 Sample : Q1343-19
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-VOC

Quant Time: Feb 11 00:32:53 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	147395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	279459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	265222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	111060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90987	60.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.500%
35) Dibromofluoromethane	7.634	113	93301	52.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.200%
50) Toluene-d8	10.109	98	344175	50.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.408	95	113750	51.066	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.140%

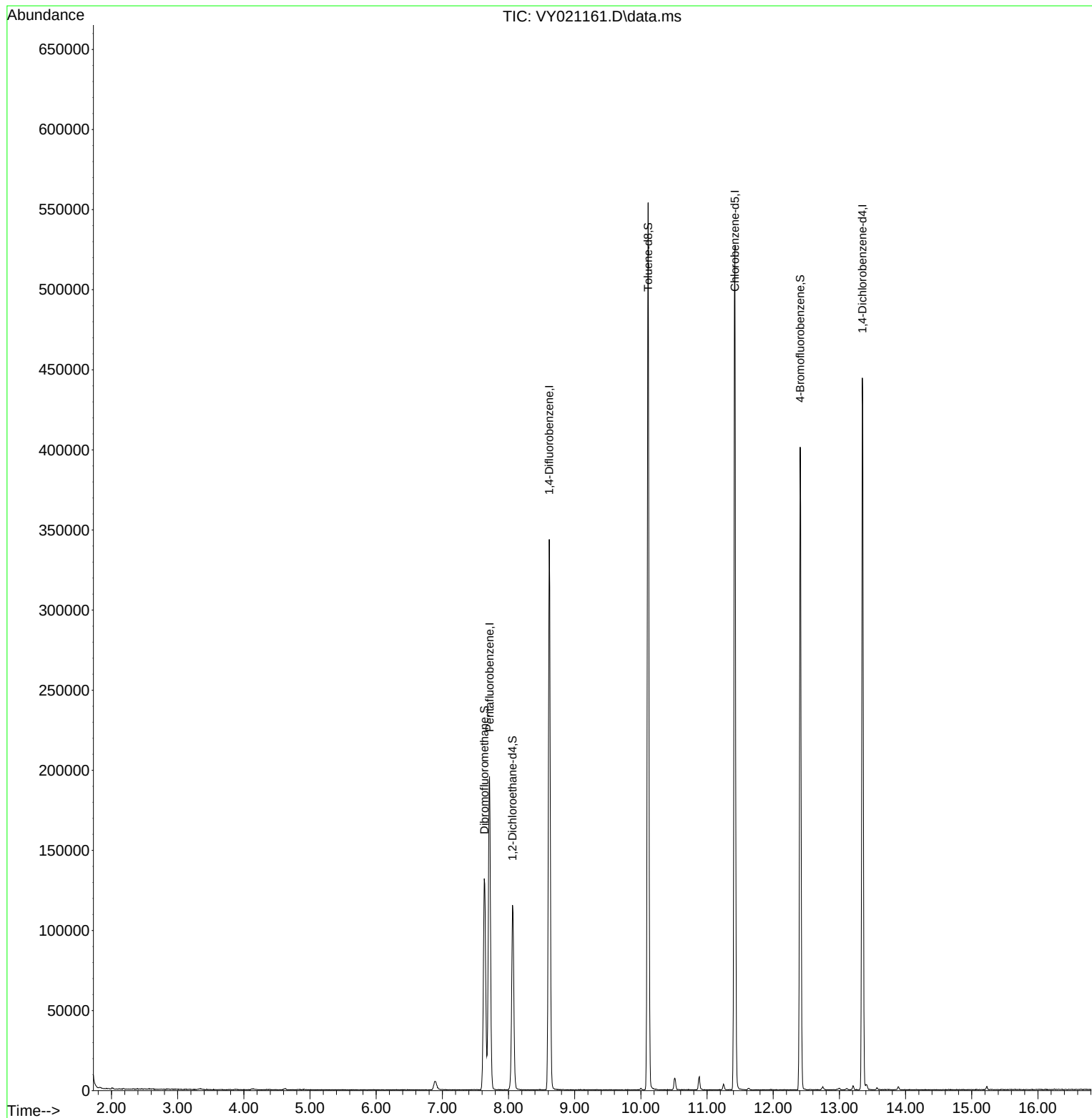
Target Compounds	Qvalue

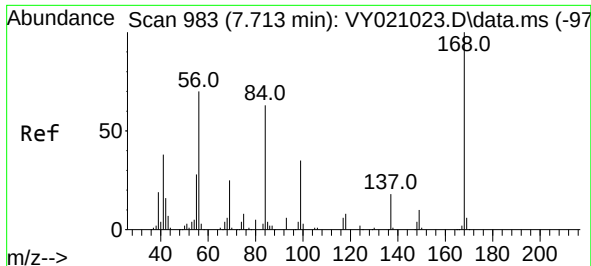
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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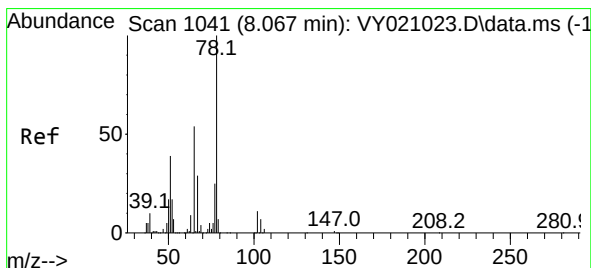
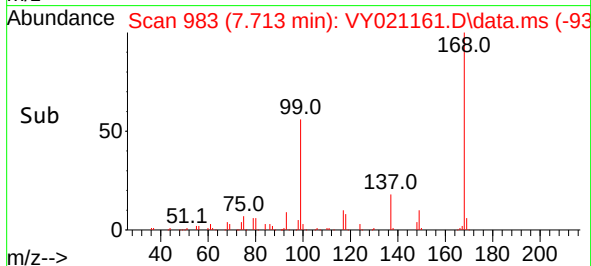
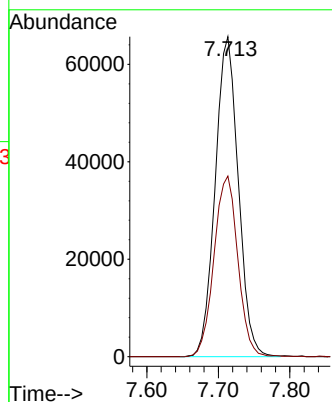
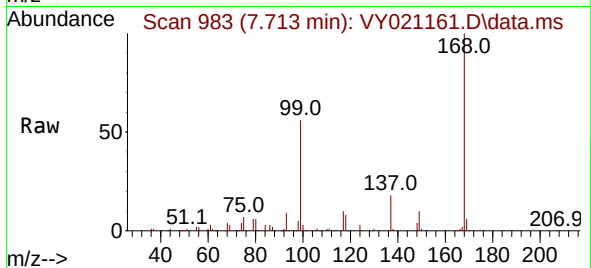




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

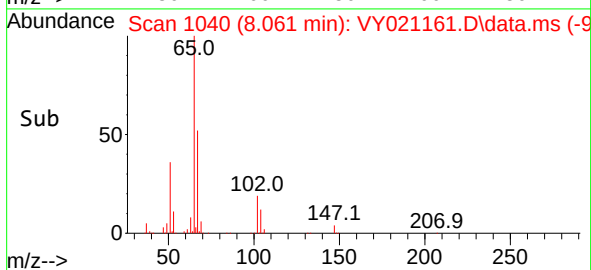
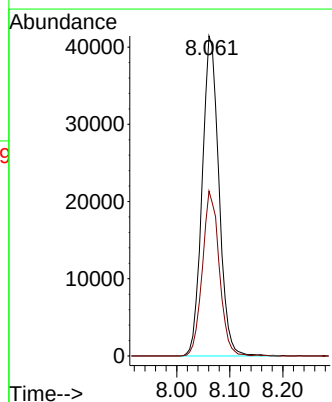
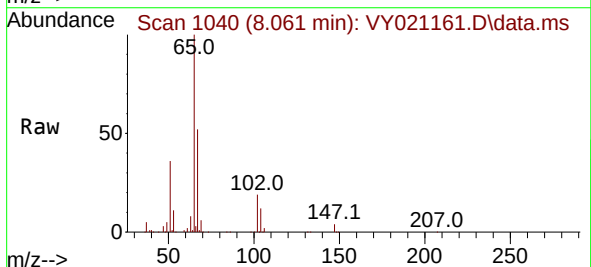
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-VOC

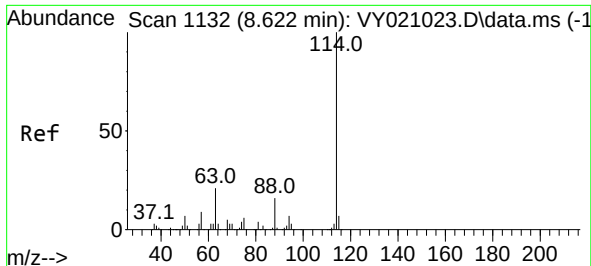
Tgt Ion:168 Resp: 147395
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 60.249 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

Tgt Ion: 65 Resp: 90987
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.0

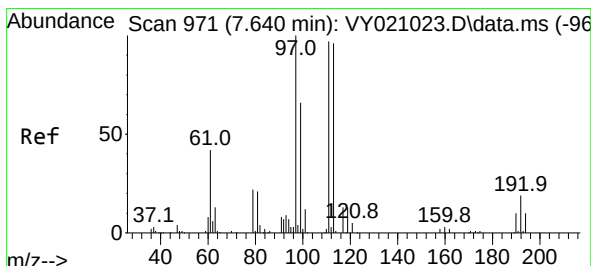
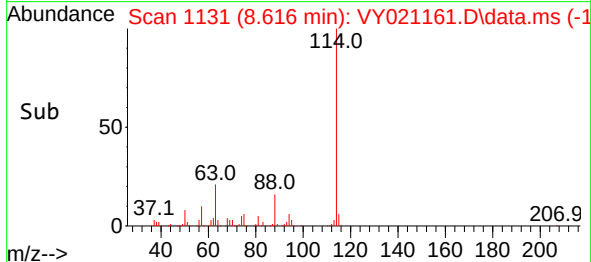
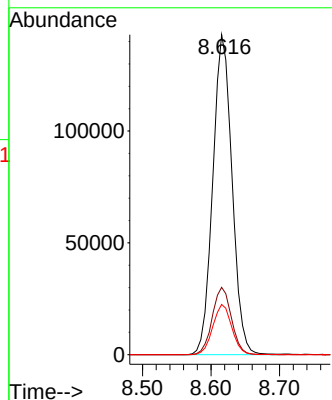
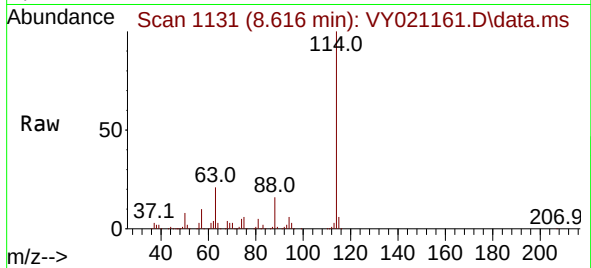




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

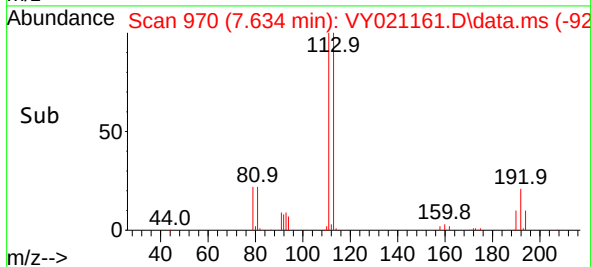
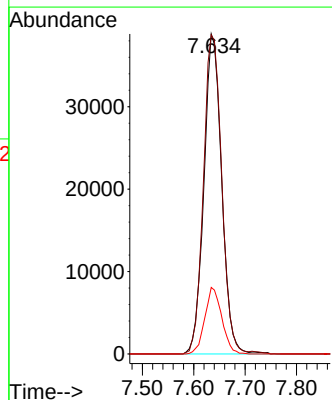
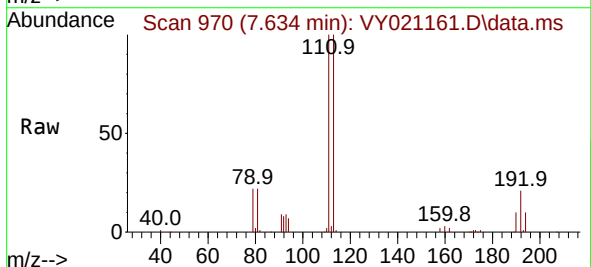
Instrument :
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ClientSampleId :
WC-14-VOC

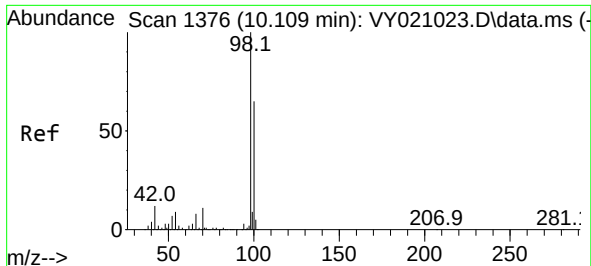
Tgt Ion:114 Resp: 279459
Ion Ratio Lower Upper
114 100
63 21.1 0.0 37.4
88 15.7 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.096 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

Tgt Ion:113 Resp: 93301
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 19.9 14.5 21.7

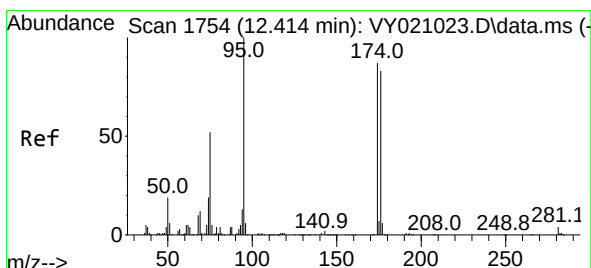
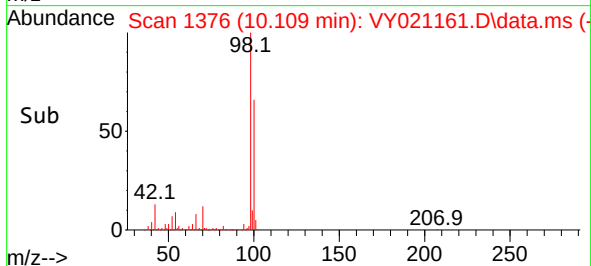
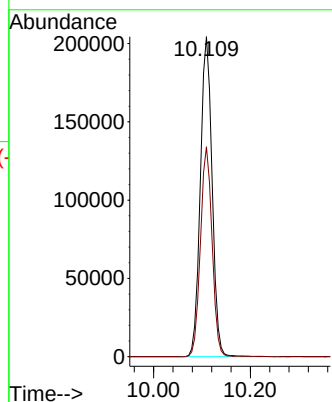
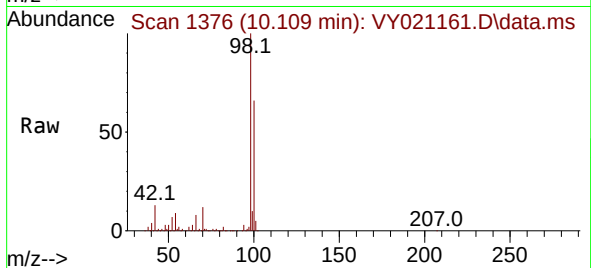




#50
Toluene-d8
Concen: 50.478 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

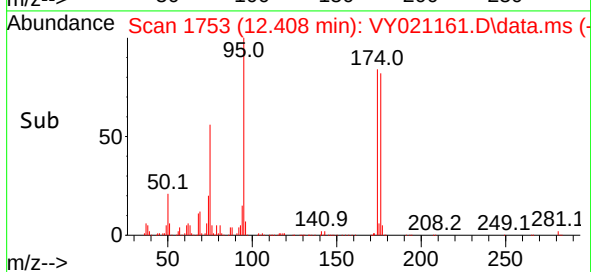
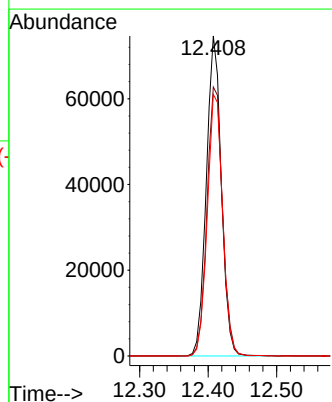
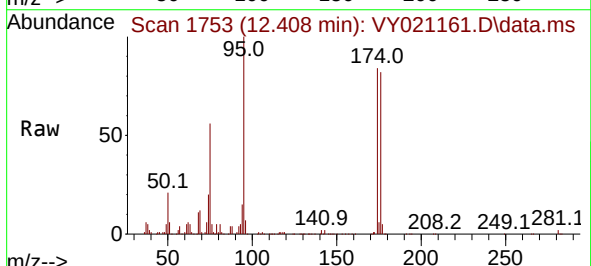
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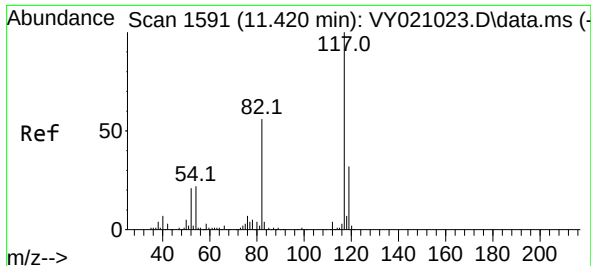
Tgt Ion: 98 Resp: 344175
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.066 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

Tgt Ion: 95 Resp: 113750
Ion Ratio Lower Upper
95 100
174 87.4 0.0 160.0
176 83.5 0.0 151.8

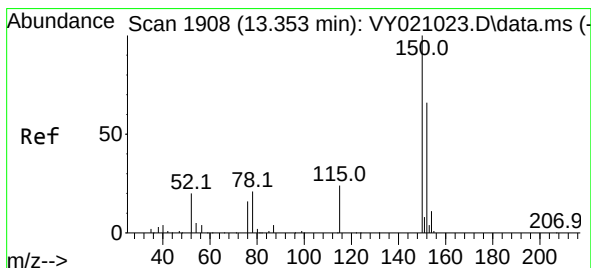
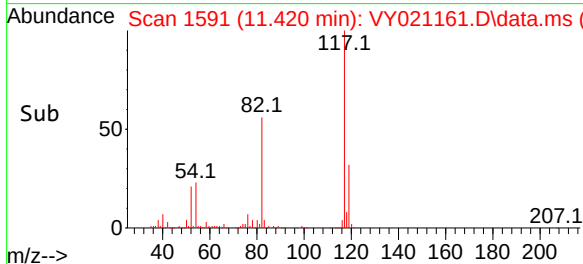
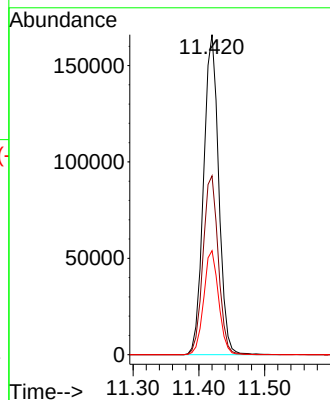
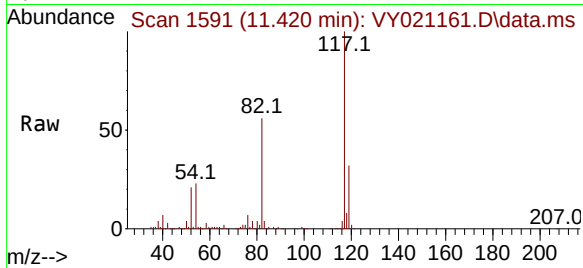




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021161.D
Acq: 10 Feb 2025 17:56

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-VOC

Tgt Ion:117 Resp: 265222
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.8
119 32.5 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: VY021161.D
Acq: 10 Feb 2025 17:56

Tgt Ion:152 Resp: 111060
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 156.4 0.0 344.6

