

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020725\  
 Data File : VY021141.D  
 Acq On : 07 Feb 2025 15:49  
 Operator : SY/MD  
 Sample : Q1309-15  
 Misc : 6.37g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-5-VOC

Quant Time: Feb 08 02:42:48 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	179562	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	333293	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.420	117	316549	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	132733	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.067	65	112671	61.242 ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.480%
35) Dibromofluoromethane	7.634	113	109972	51.486 ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.980%
50) Toluene-d8	10.109	98	407320	50.090 ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.180%
62) 4-Bromofluorobenzene	12.408	95	140765	52.987 ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.980%

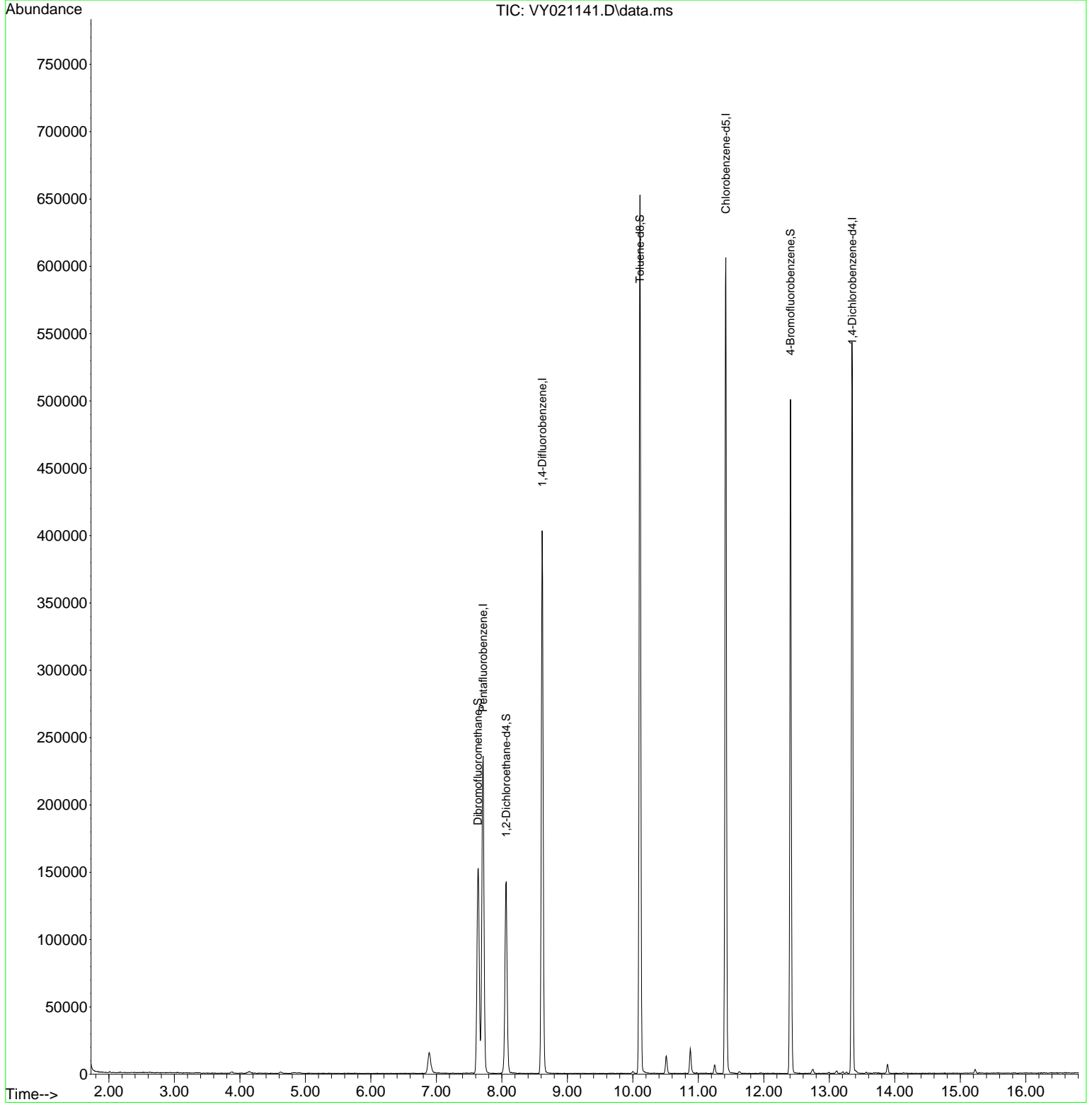
Target Compounds Qvalue

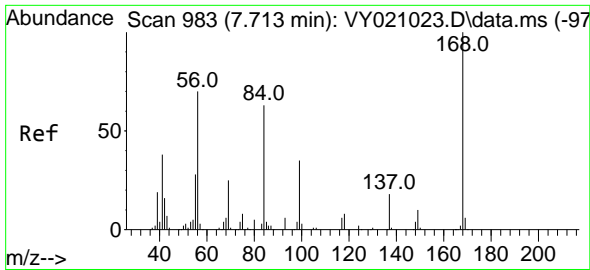
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Sample : Q1309-15  
 Misc : 6.37g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 15 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_Y  
**ClientSampleId :**  
 WC-5-VOC

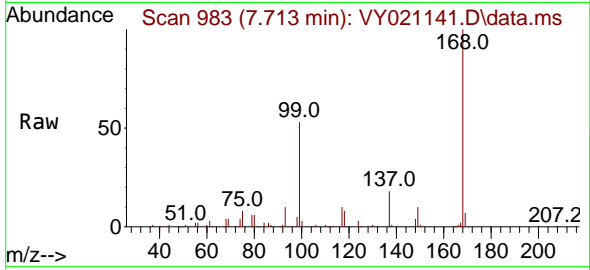
Quant Time: Feb 08 02:42:48 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
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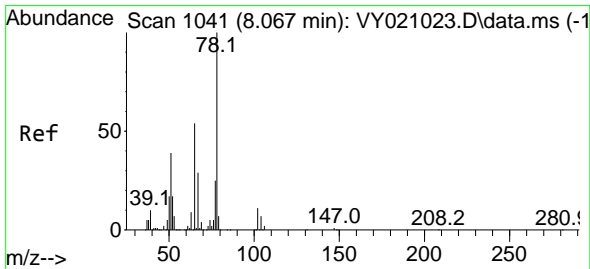
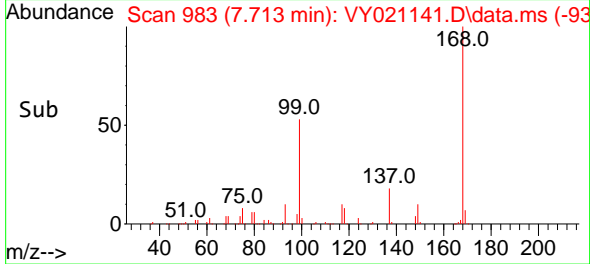
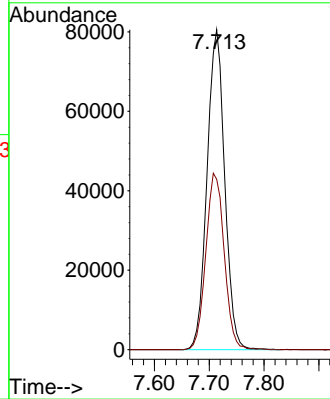


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.713 min Scan# 99  
 Delta R.T. 0.000 min  
 Lab File: VY021141.D  
 Acq: 07 Feb 2025 15:49

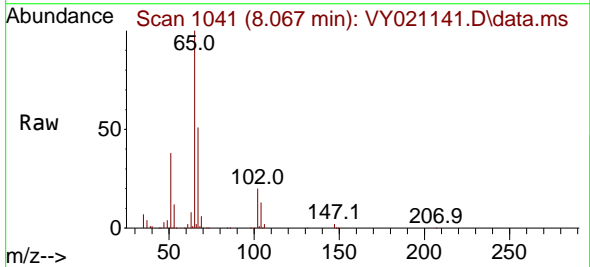
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-5-VOC



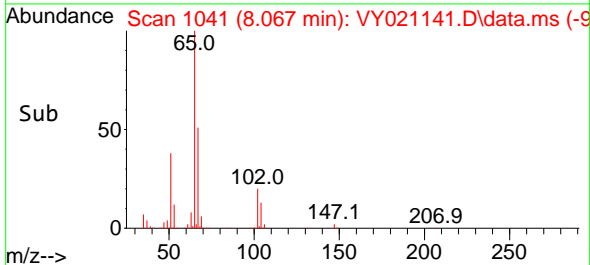
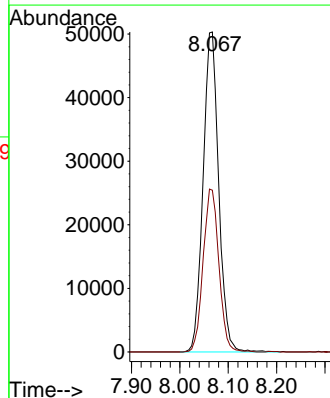
Tgt Ion:168 Resp: 179562  
 Ion Ratio Lower Upper  
 168 100  
 99 53.3 44.2 66.4

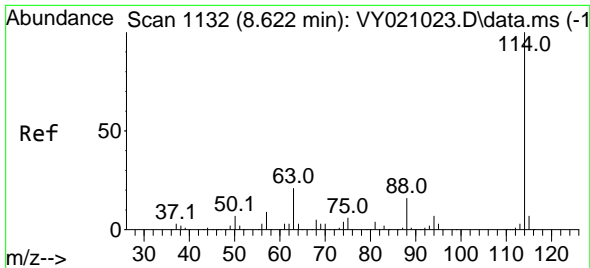


#33  
 1,2-Dichloroethane-d4  
 Concen: 61.242 ug/l  
 RT: 8.067 min Scan# 1041  
 Delta R.T. 0.000 min  
 Lab File: VY021141.D  
 Acq: 07 Feb 2025 15:49



Tgt Ion: 65 Resp: 112671  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 109.0



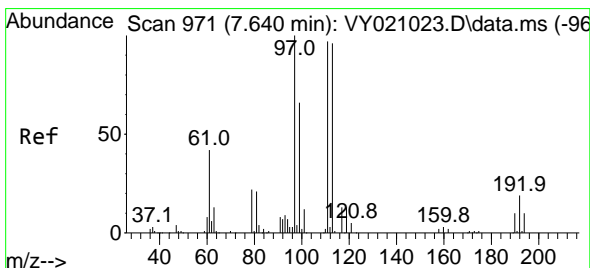
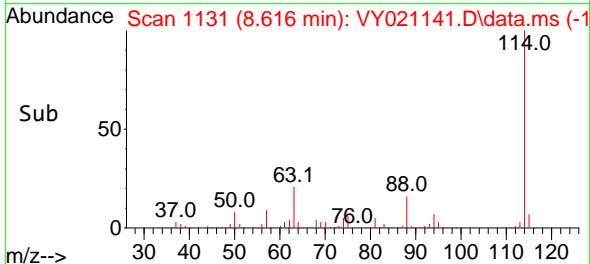
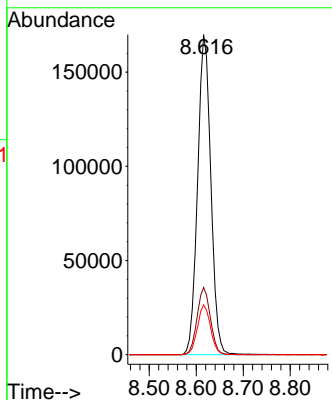
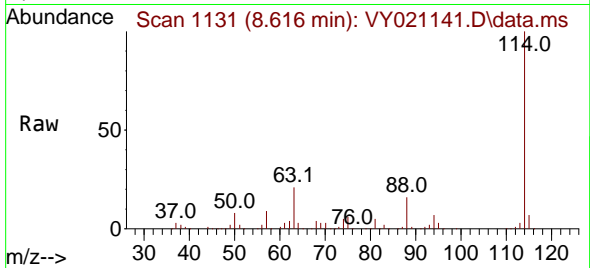


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.616 min Scan# 1131  
 Delta R.T. -0.006 min  
 Lab File: VY021141.D  
 Acq: 07 Feb 2025 15:49

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-5-VOC

Tgt Ion:114 Resp: 333293

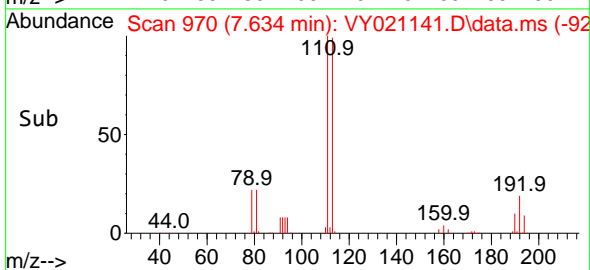
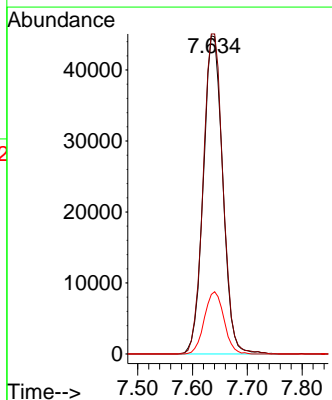
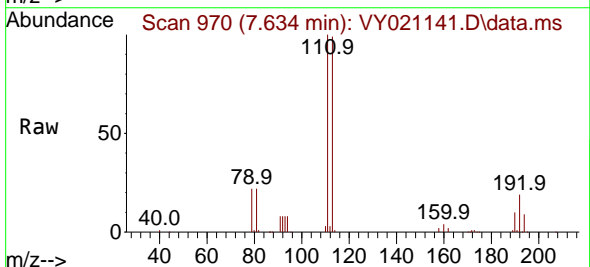
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	37.4
88	15.5	0.0	29.0

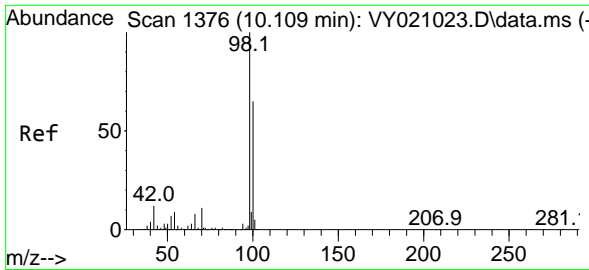


#35  
 Dibromofluoromethane  
 Concen: 51.486 ug/l  
 RT: 7.634 min Scan# 970  
 Delta R.T. -0.006 min  
 Lab File: VY021141.D  
 Acq: 07 Feb 2025 15:49

Tgt Ion:113 Resp: 109972

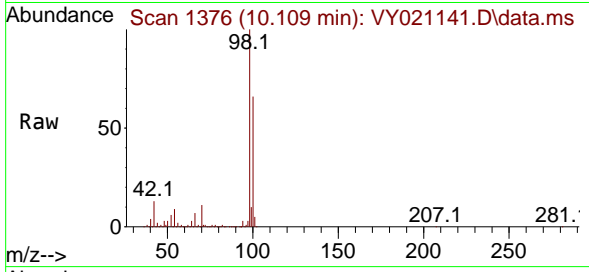
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	19.8	14.5	21.7



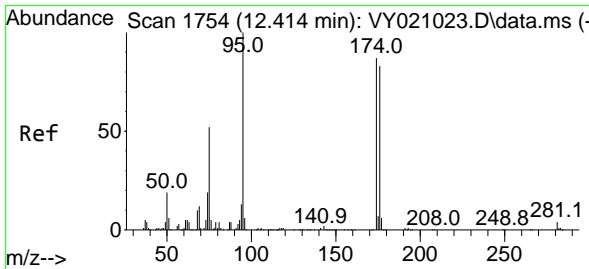
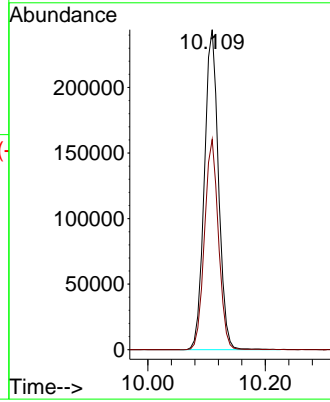
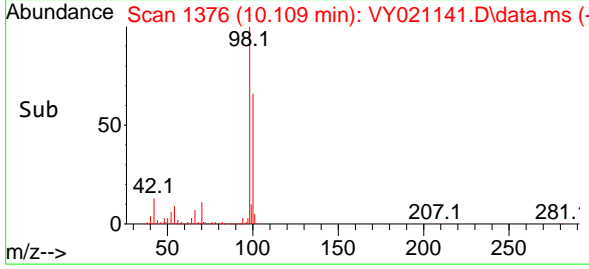


#50  
 Toluene-d8  
 Concen: 50.090 ug/l  
 RT: 10.109 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VY021141.D  
 Acq: 07 Feb 2025 15:49

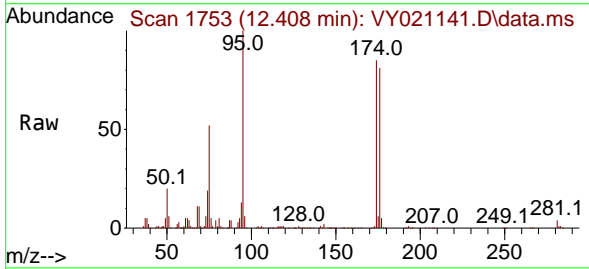
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WC-5-VOC



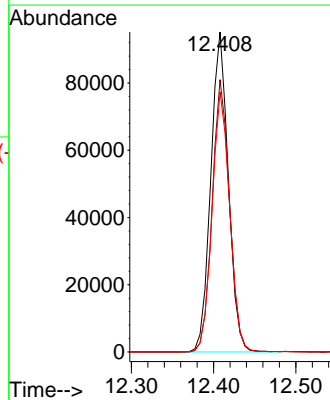
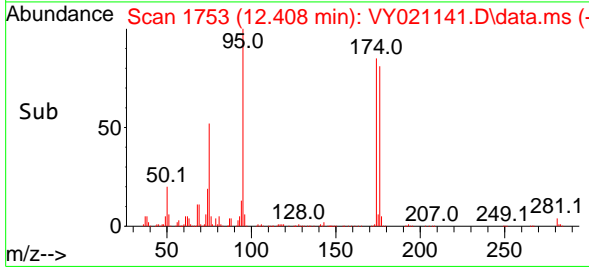
Tgt Ion: 98 Resp: 407320  
 Ion Ratio Lower Upper  
 98 100  
 100 64.9 52.3 78.5

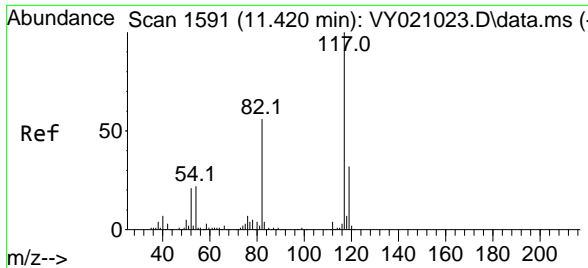


#62  
 4-Bromofluorobenzene  
 Concen: 52.987 ug/l  
 RT: 12.408 min Scan# 1753  
 Delta R.T. -0.006 min  
 Lab File: VY021141.D  
 Acq: 07 Feb 2025 15:49



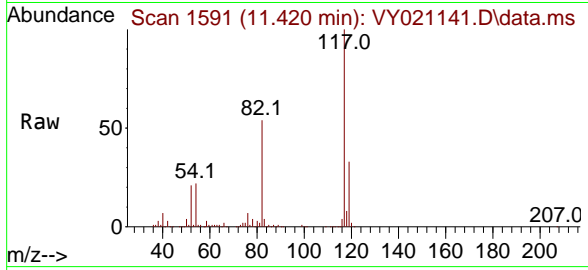
Tgt Ion: 95 Resp: 140765  
 Ion Ratio Lower Upper  
 95 100  
 174 84.0 0.0 160.0  
 176 81.6 0.0 151.8





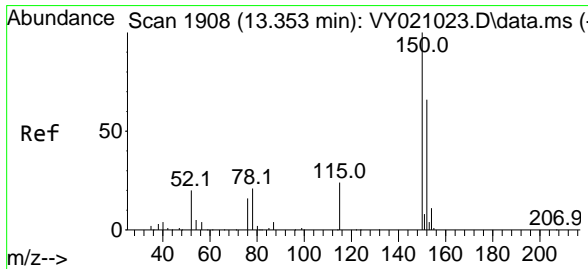
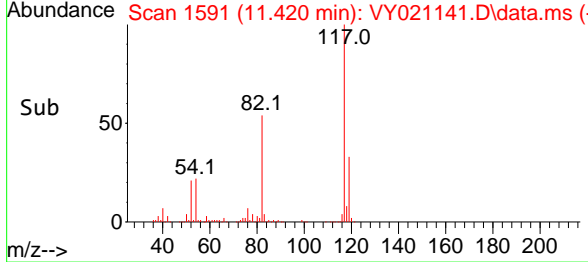
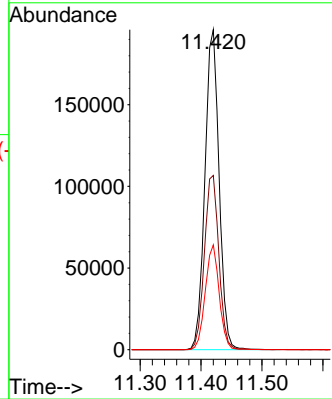
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.420 min Scan# 1117  
 Delta R.T. 0.000 min  
 Lab File: VY021141.D  
 Acq: 07 Feb 2025 15:49

Instrument : MSVOA\_Y  
 ClientSampleId : WC-5-VOC



Tgt Ion:117 Resp: 316549

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.8
119	32.8	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: VY021141.D  
 Acq: 07 Feb 2025 15:49

Tgt Ion:152 Resp: 132733

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.0	90.0
150	158.1	0.0	344.6

