

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021123.D
 Acq On : 06 Feb 2025 19:52
 Operator : SY/MD
 Sample : Q1309-19
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-6-VOC

Quant Time: Feb 07 02:37:22 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)

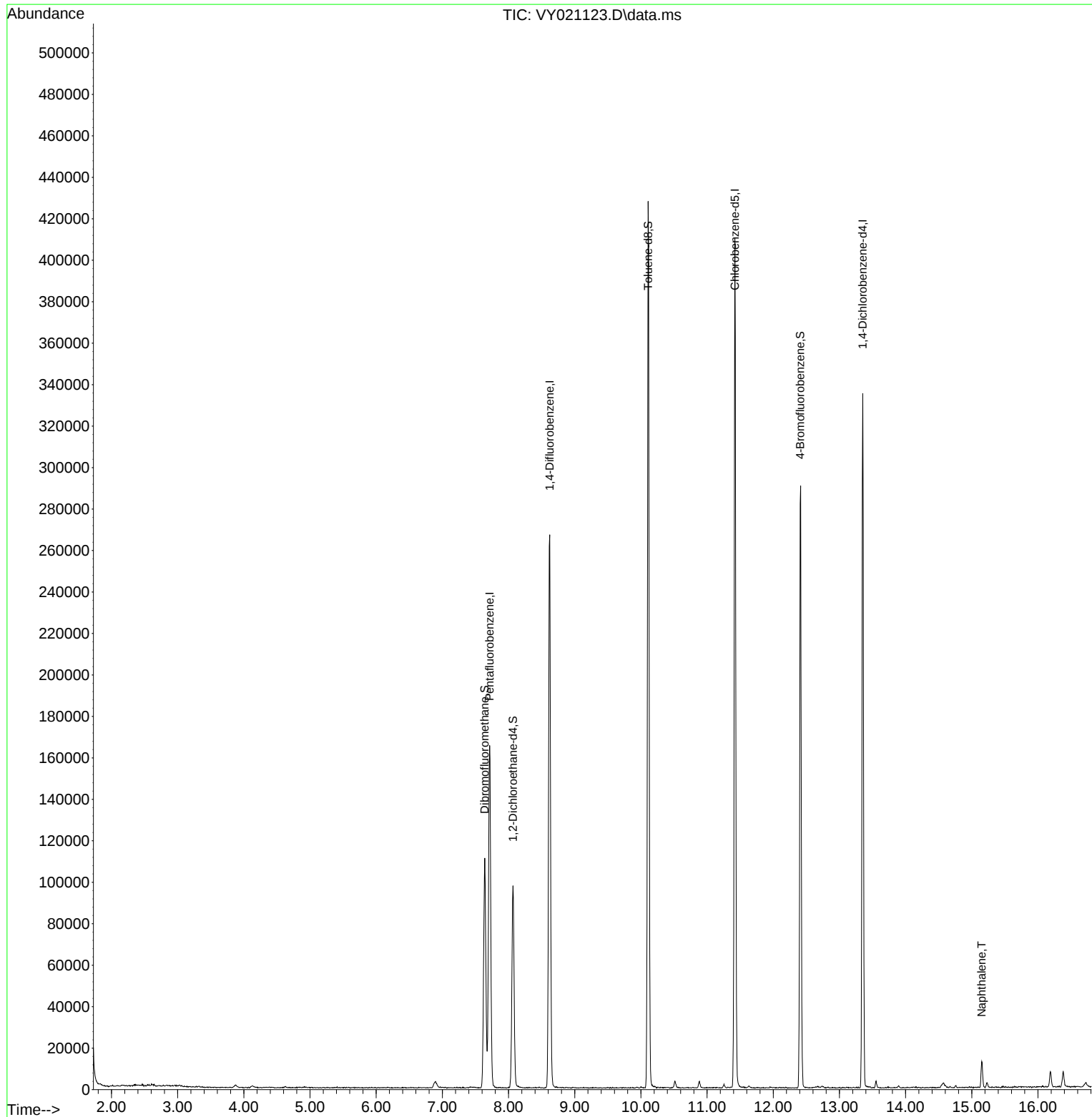
Internal Standards						
1) Pentafluorobenzene	7.713	168	129177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	229353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	210400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	84424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	78073	58.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.980%
35) Dibromofluoromethane	7.640	113	77564	52.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.540%
50) Toluene-d8	10.109	98	273786	48.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.408	95	91194	49.884	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.760%
Target Compounds						
95) Naphthalene	15.151	128	10197	4.490	ug/l	Qvalue 99

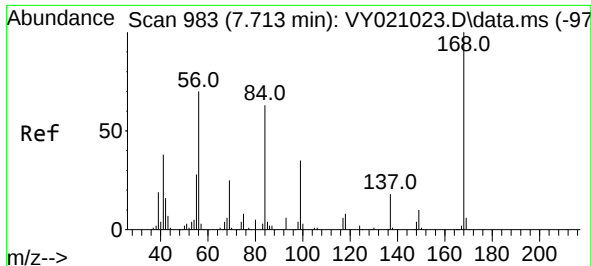
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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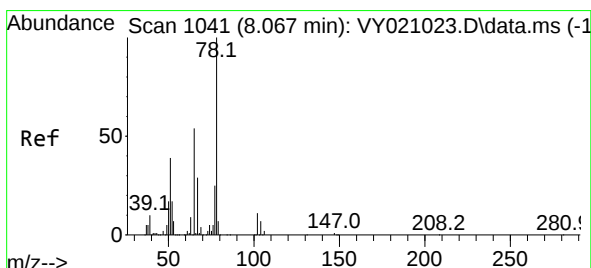
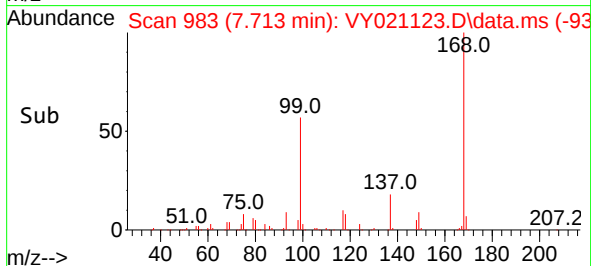
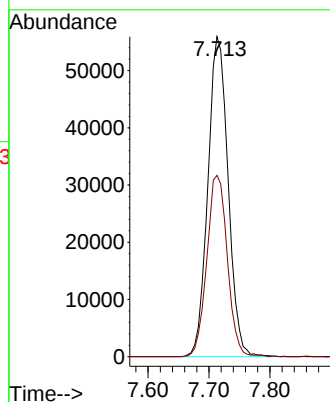
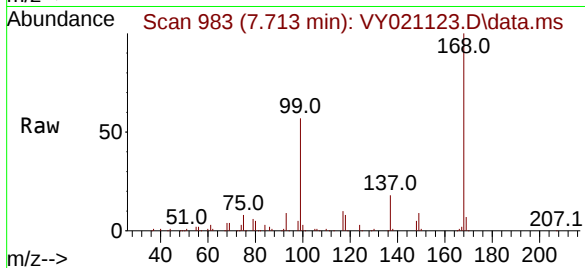




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021123.D
Acq: 06 Feb 2025 19:52

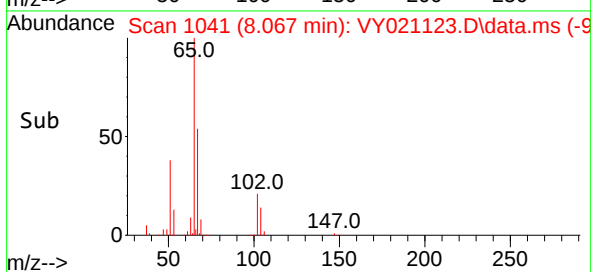
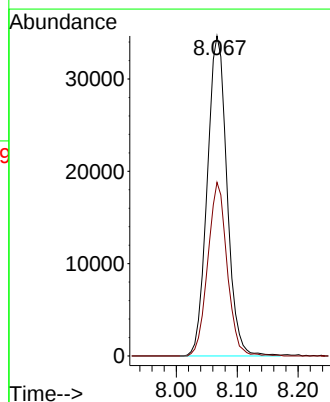
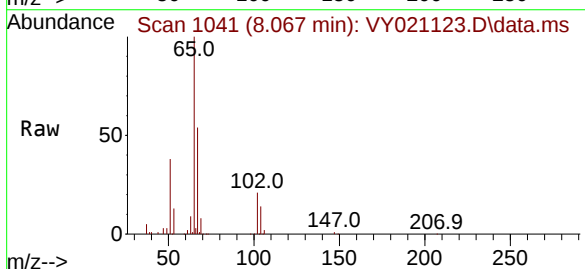
Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

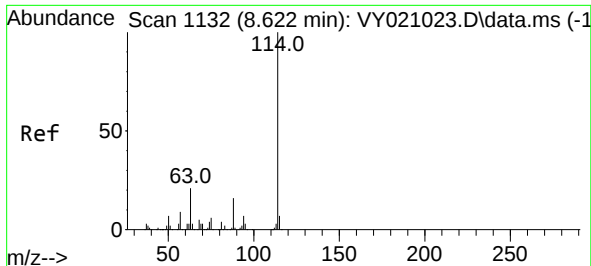
Tgt Ion:168 Resp: 129177
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 58.989 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021123.D
Acq: 06 Feb 2025 19:52

Tgt Ion: 65 Resp: 78073
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.0

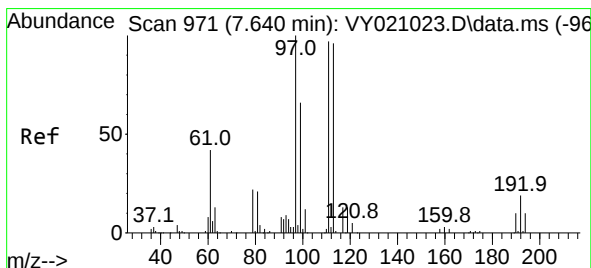
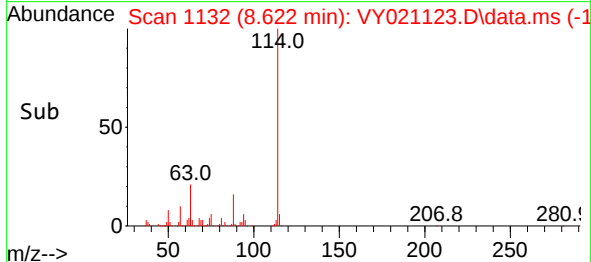
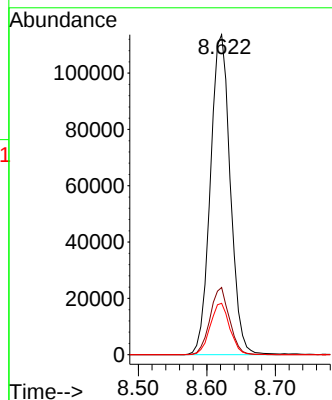
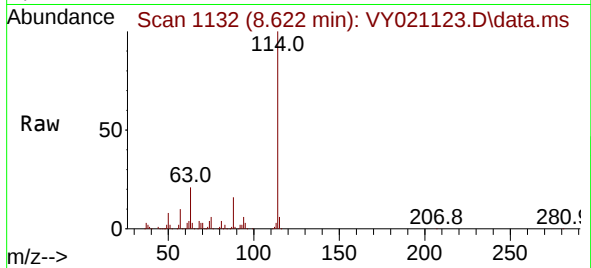




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021123.D
Acq: 06 Feb 2025 19:52

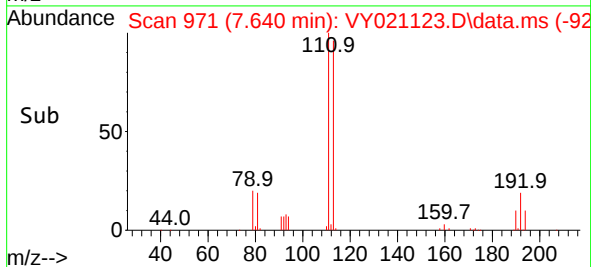
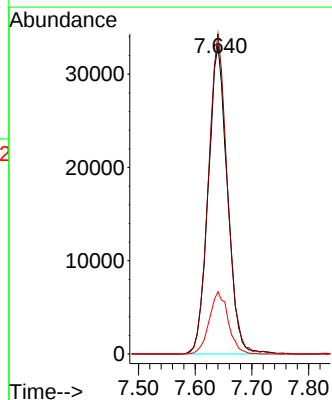
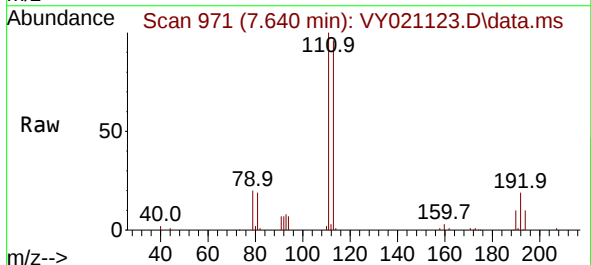
Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

Tgt Ion:114 Resp: 229353
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.4
88 16.0 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.770 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021123.D
Acq: 06 Feb 2025 19:52

Tgt Ion:113 Resp: 77564
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 20.0 14.5 21.7

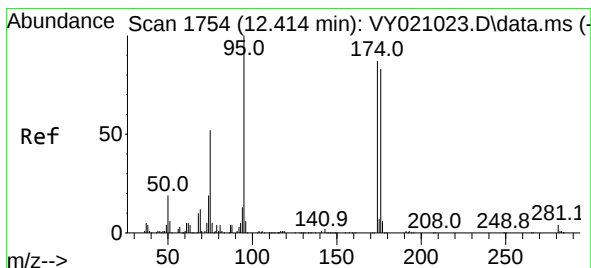
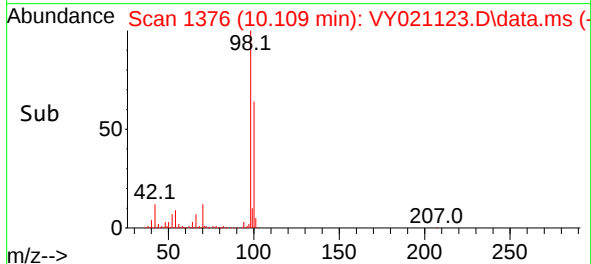
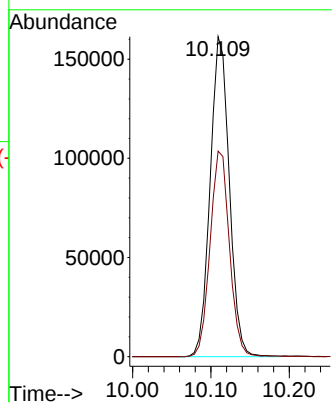
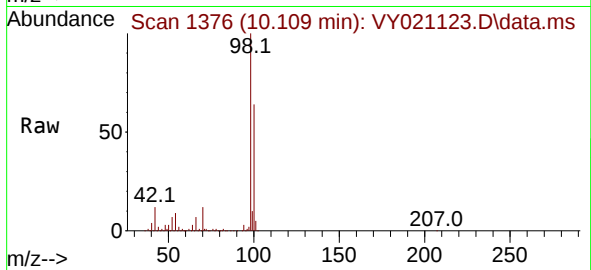




#50
Toluene-d8
Concen: 48.927 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021123.D
Acq: 06 Feb 2025 19:52

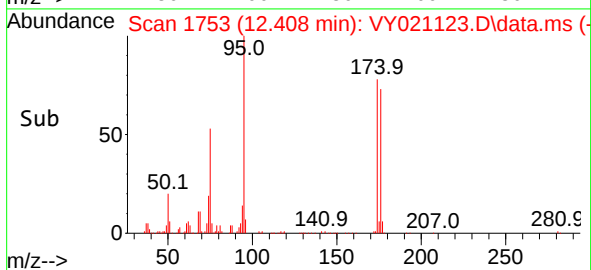
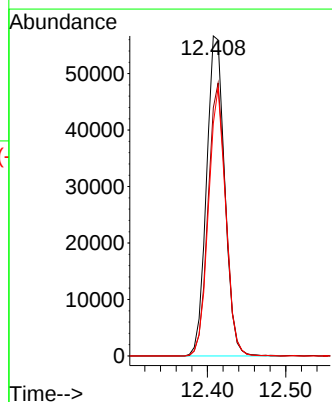
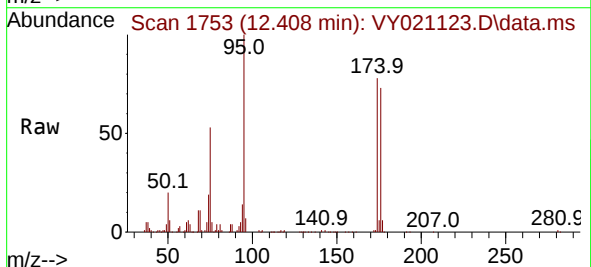
Instrument :
MSVOA_Y
ClientSampleId :
WC-6-VOC

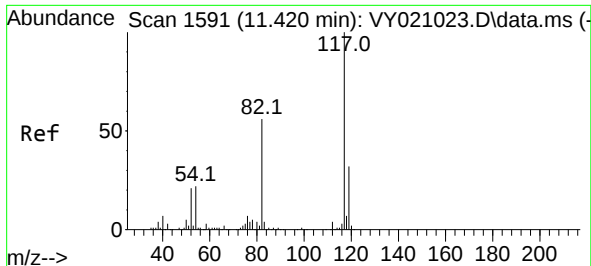
Tgt Ion: 98 Resp: 273786
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.884 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021123.D
Acq: 06 Feb 2025 19:52

Tgt Ion: 95 Resp: 91194
Ion Ratio Lower Upper
95 100
174 83.1 0.0 160.0
176 79.7 0.0 151.8

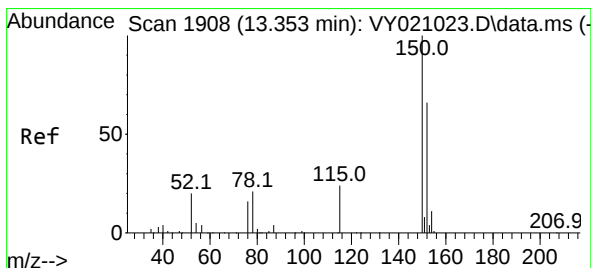
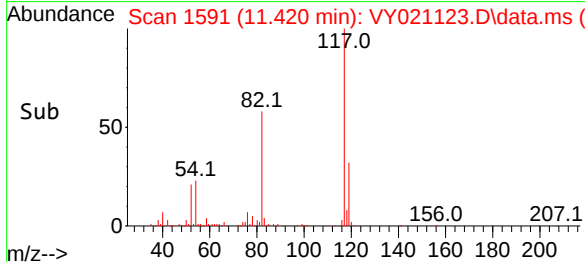
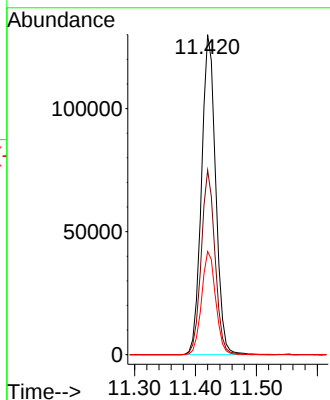
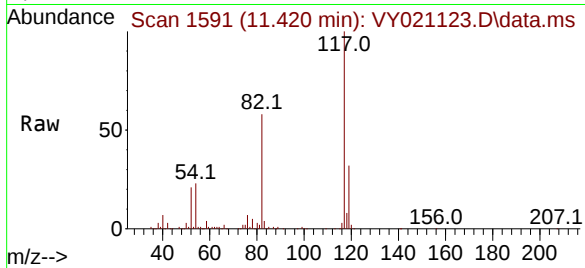




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021123.D
Acq: 06 Feb 2025 19:52

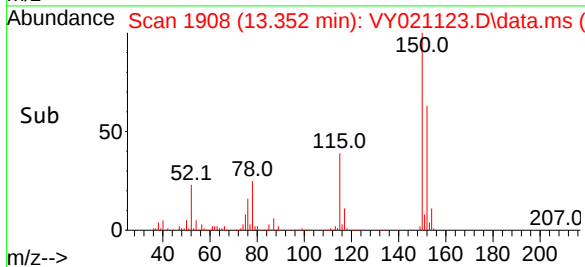
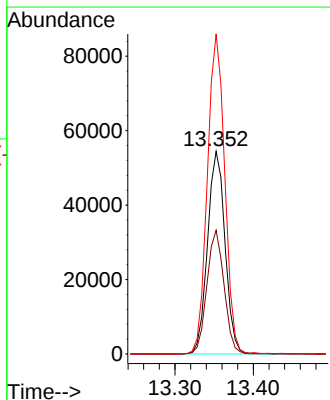
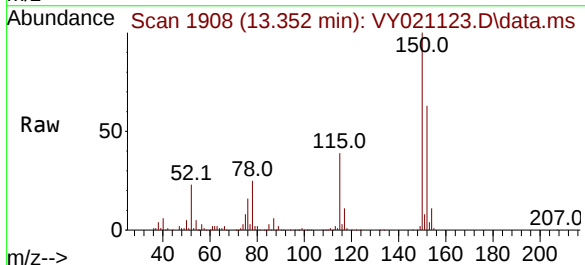
Instrument :
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WC-6-VOC

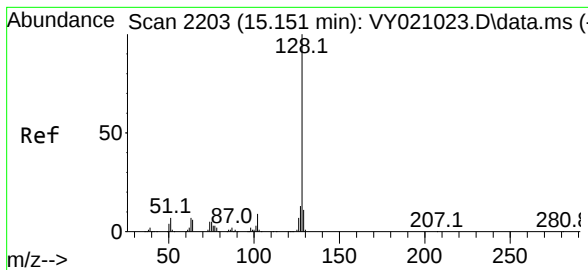
Tgt Ion:117 Resp: 210400
Ion Ratio Lower Upper
117 100
82 57.7 43.8 65.8
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021123.D
Acq: 06 Feb 2025 19:52

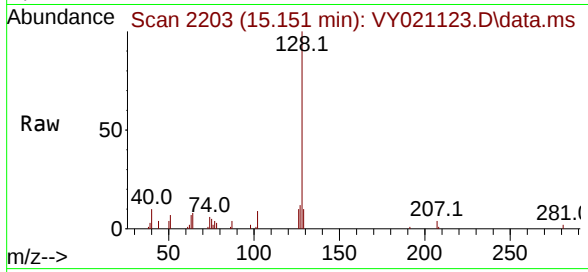
Tgt Ion:152 Resp: 84424
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.0
150 156.7 0.0 344.6





#95
Naphthalene
Concen: 4.490 ug/l
RT: 15.151 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021123.D
Acq: 06 Feb 2025 19:52

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:128 Resp: 10197
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.0 8.6 12.8

