

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021121.D
 Acq On : 06 Feb 2025 19:05
 Operator : SY/MD
 Sample : Q1309-11
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC

Quant Time: Feb 07 02:36:42 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)

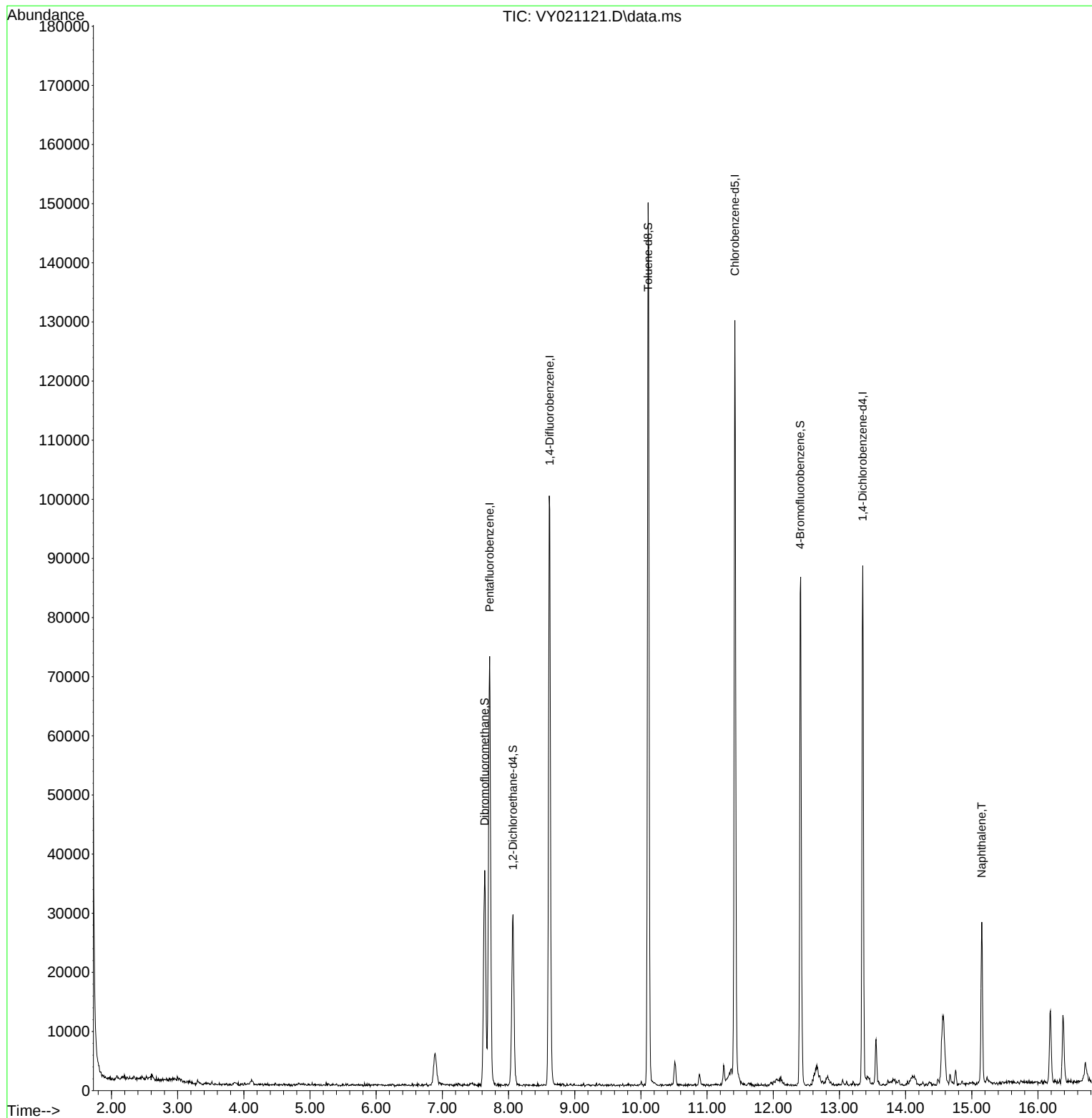
Internal Standards						
1) Pentafluorobenzene	7.713	168	56450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	85574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	67521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	22299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	23396	40.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.900%
35) Dibromofluoromethane	7.640	113	26584	48.474	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.940%
50) Toluene-d8	10.109	98	98027	46.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.900%
62) 4-Bromofluorobenzene	12.408	95	25214	36.966	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.940%
Target Compounds						
95) Naphthalene	15.151	128	22271	37.124	ug/l	Qvalue 97

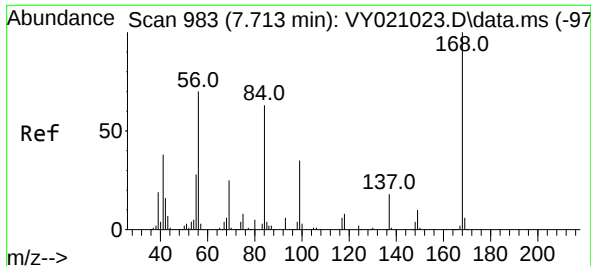
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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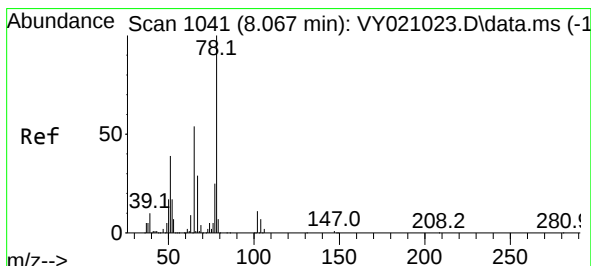
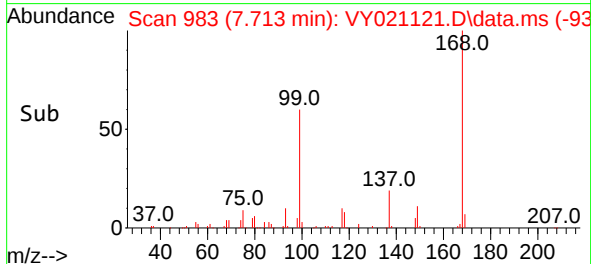
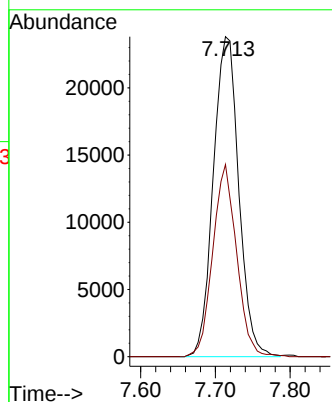
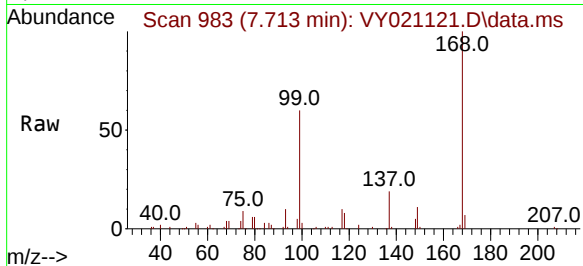




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021121.D
Acq: 06 Feb 2025 19:05

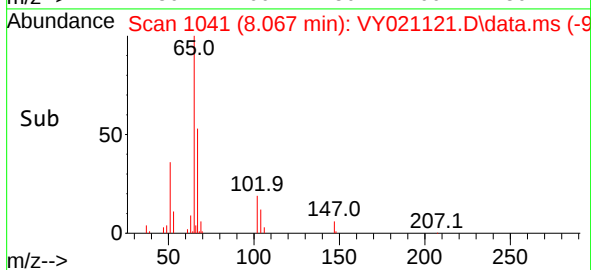
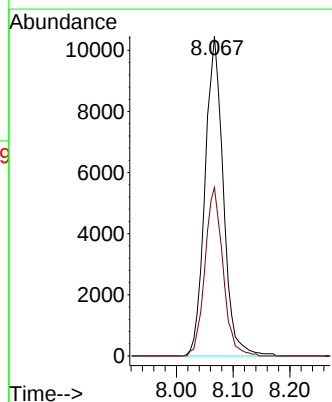
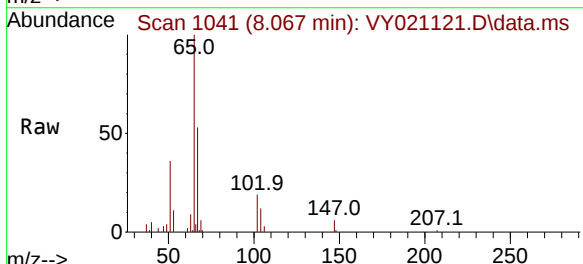
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

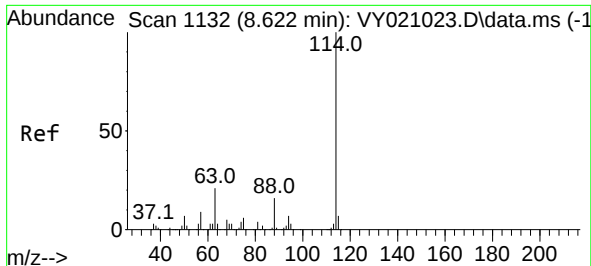
Tgt Ion:168 Resp: 56450
Ion Ratio Lower Upper
168 100
99 60.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 40.451 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021121.D
Acq: 06 Feb 2025 19:05

Tgt Ion: 65 Resp: 23396
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.0

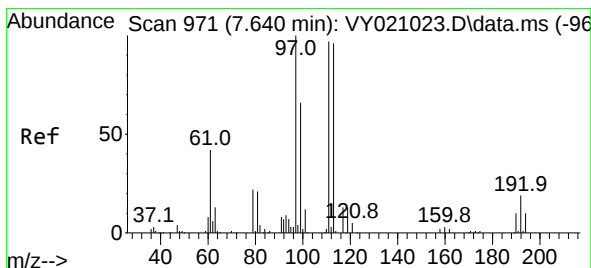
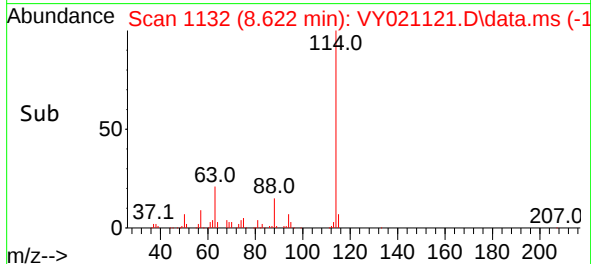
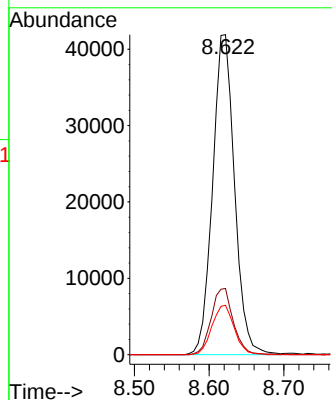
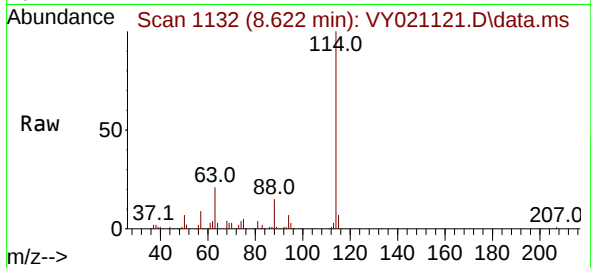




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021121.D
Acq: 06 Feb 2025 19:05

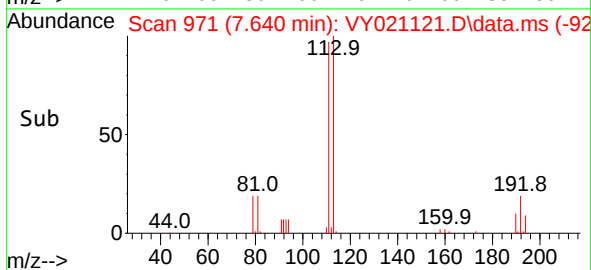
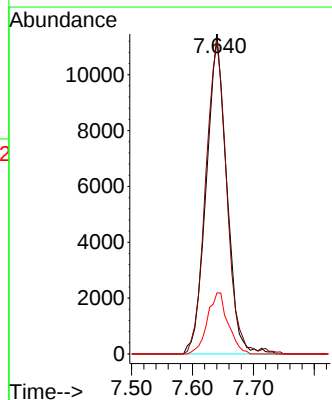
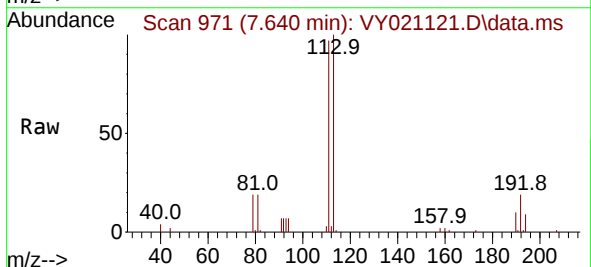
Instrument :
MSVOA_Y
ClientSampleId :
WC-4-VOC

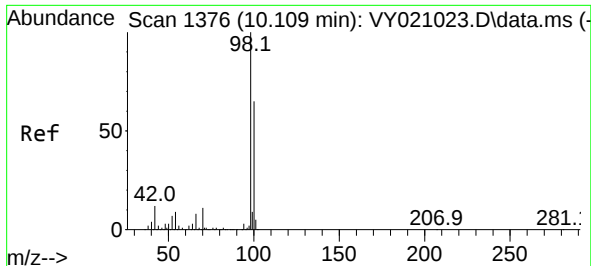
Tgt Ion:114 Resp: 85574
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 15.4 0.0 29.0



#35
Dibromofluoromethane
Concen: 48.474 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021121.D
Acq: 06 Feb 2025 19:05

Tgt Ion:113 Resp: 26584
Ion Ratio Lower Upper
113 100
111 100.8 83.8 125.6
192 19.4 14.5 21.7

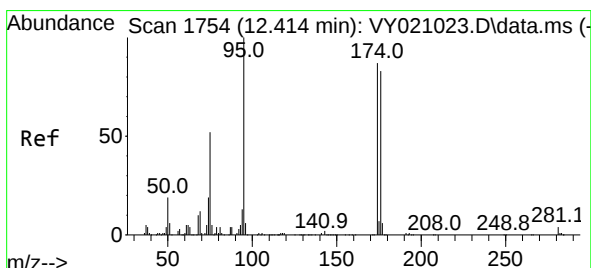
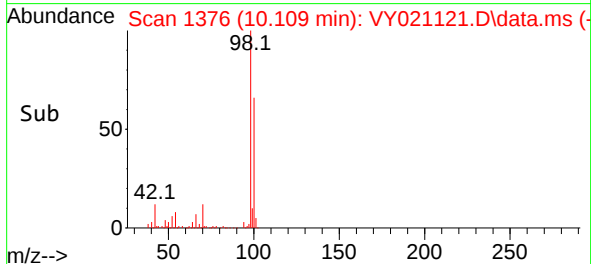
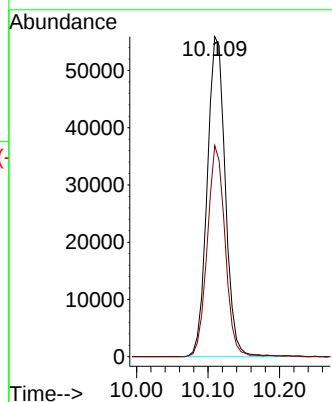
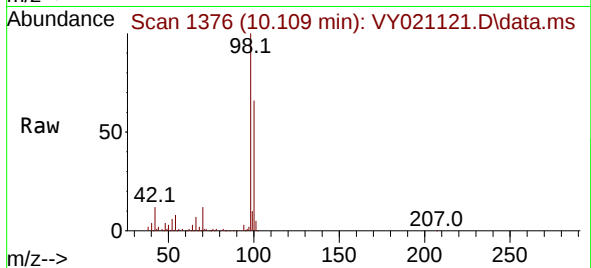




#50
Toluene-d8
Concen: 46.951 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021121.D
Acq: 06 Feb 2025 19:05

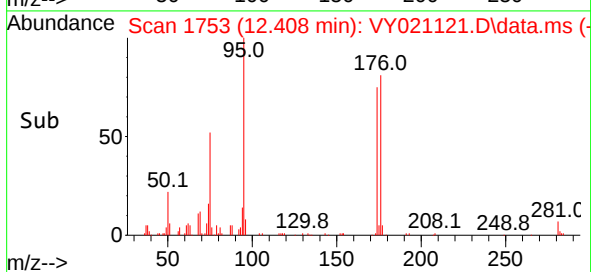
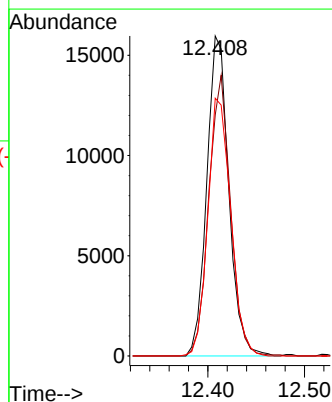
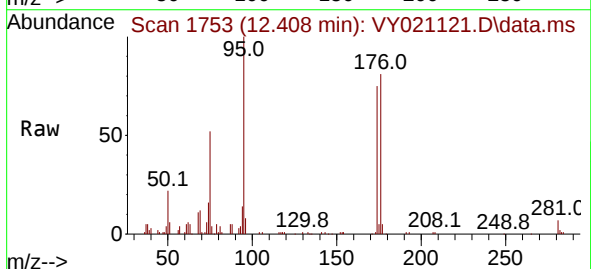
Instrument :
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WC-4-VOC

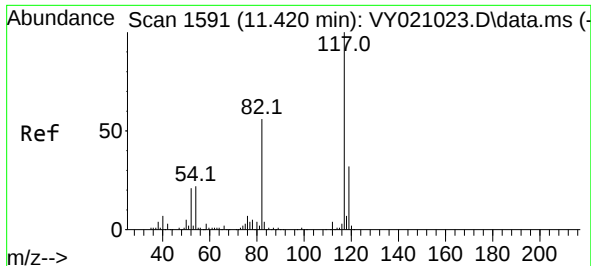
Tgt Ion: 98 Resp: 98027
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 36.966 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021121.D
Acq: 06 Feb 2025 19:05

Tgt Ion: 95 Resp: 25214
Ion Ratio Lower Upper
95 100
174 86.6 0.0 160.0
176 84.2 0.0 151.8

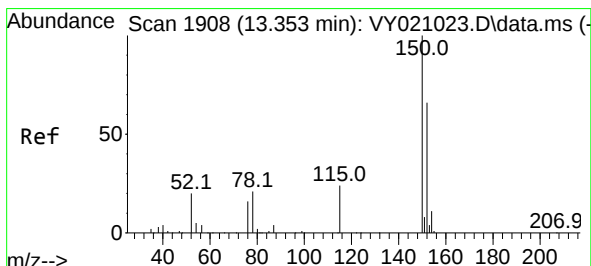
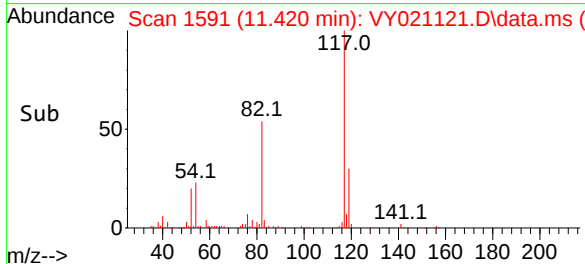
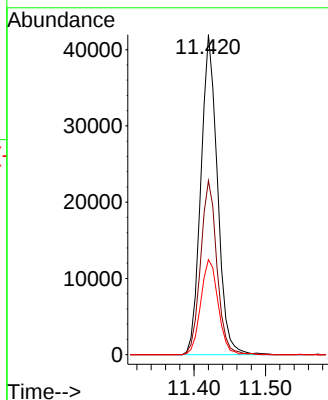
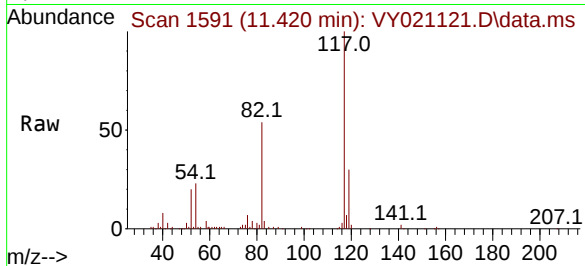




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021121.D
Acq: 06 Feb 2025 19:05

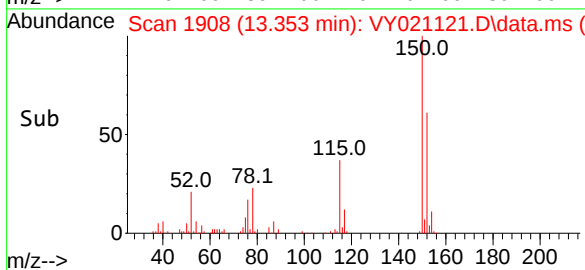
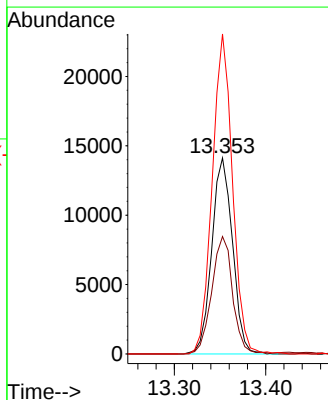
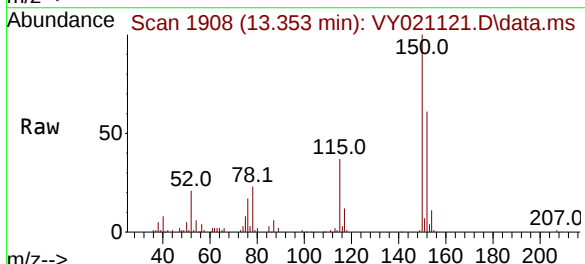
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ClientSampleId :
WC-4-VOC

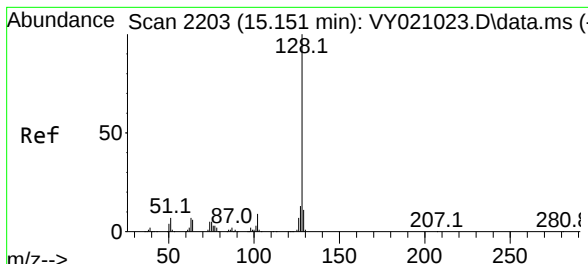
Tgt Ion:117 Resp: 67521
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 29.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021121.D
Acq: 06 Feb 2025 19:05

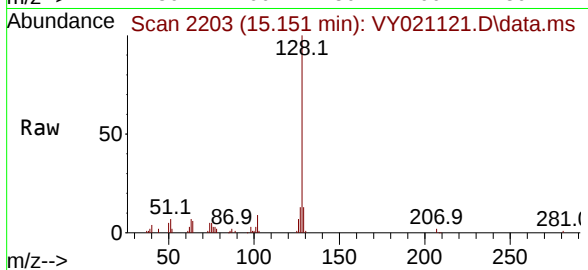
Tgt Ion:152 Resp: 22299
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 159.3 0.0 344.6





#95
 Naphthalene
 Concen: 37.124 ug/l
 RT: 15.151 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021121.D
 Acq: 06 Feb 2025 19:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4-VOC



Tgt Ion:	128	Resp:	22271
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	12.0	8.6	12.8

