

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010608.D
 Acq On : 21 Sep 2022 18:52
 Operator : KP/MD
 Sample : N4732-01
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 22 06:11:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

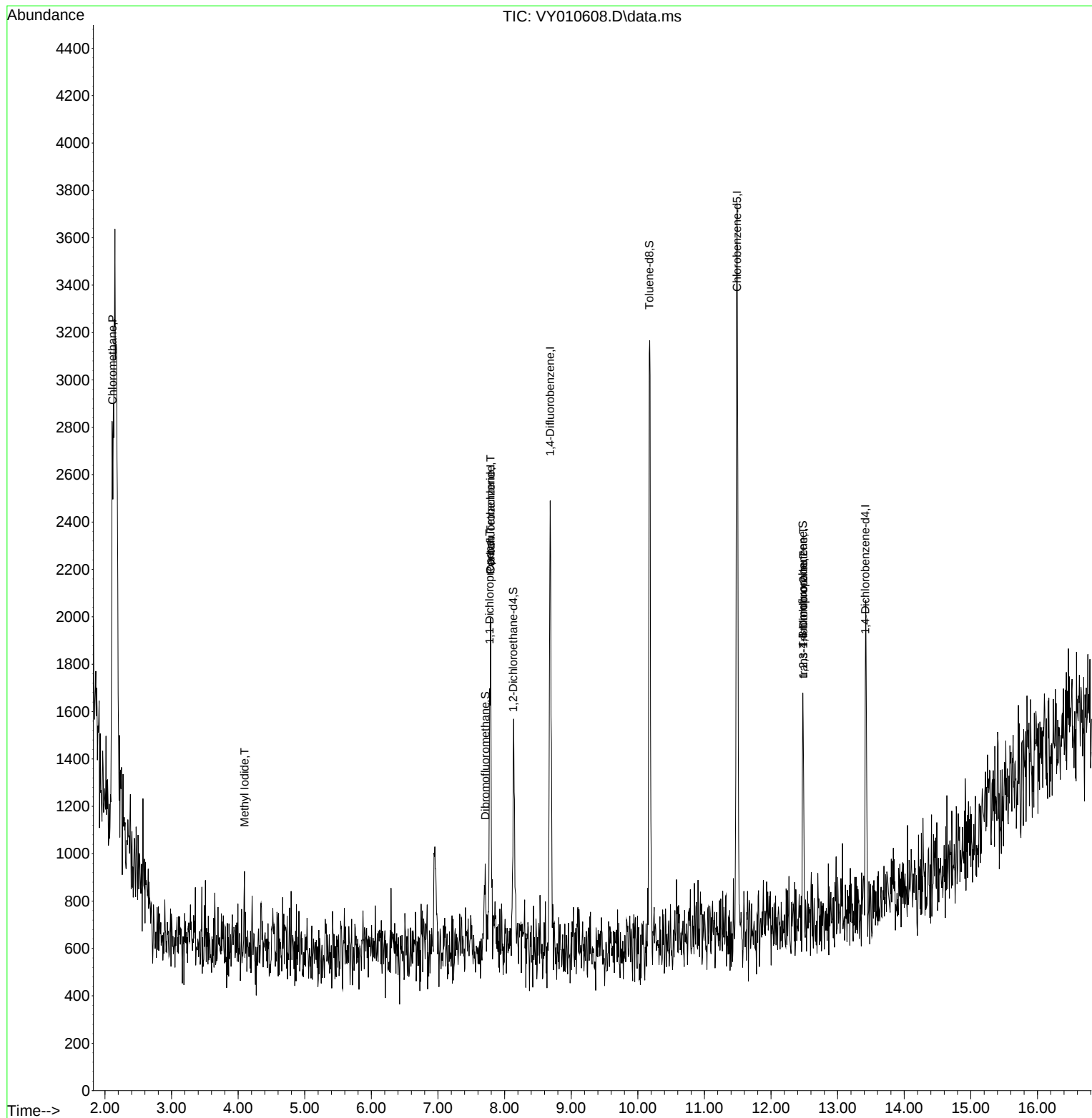
Internal Standards						
1) Pentafluorobenzene	7.789	168	1202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	782	68.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.040%
35) Dibromofluoromethane	7.710	113	221	14.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	29.600%#
50) Toluene-d8	10.172	98	2138	39.456	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.920%
62) 4-Bromofluorobenzene	12.477	95	433	19.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	109	9.683	ug/l #	44
10) Methyl Iodide	4.094	142	152	13.842	ug/l #	35
36) 1,1-Dichloropropene	7.777	75	27	1.623	ug/l #	42
38) Carbon Tetrachloride	7.789	117	21	1.098	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	167	38.204	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	167	84.943	ug/l #	7

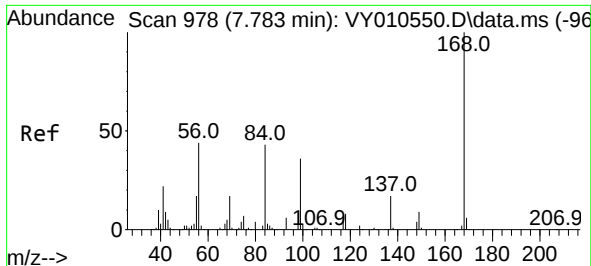
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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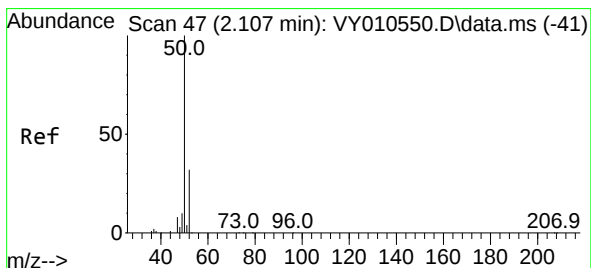
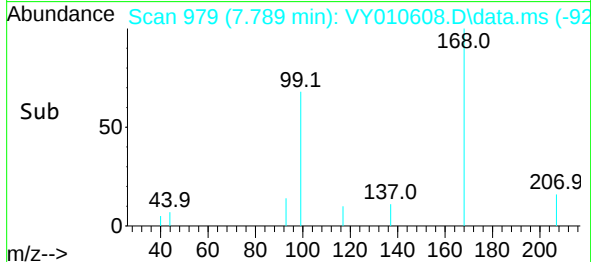
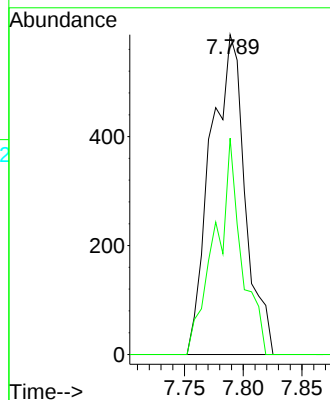
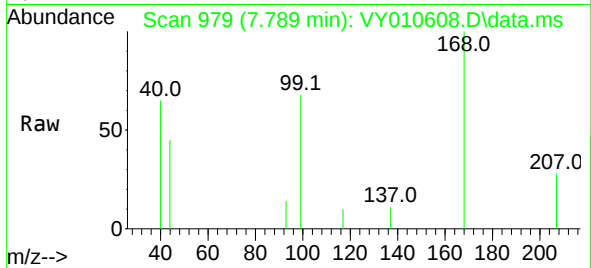




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010608.D
Acq: 21 Sep 2022 18:52

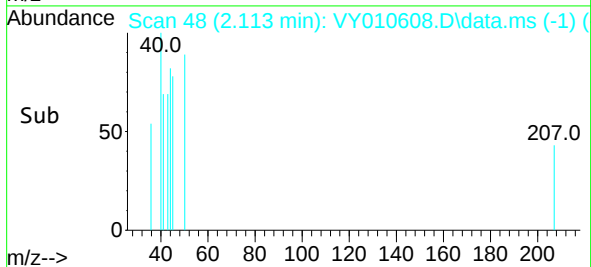
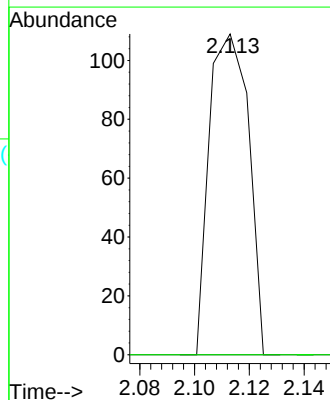
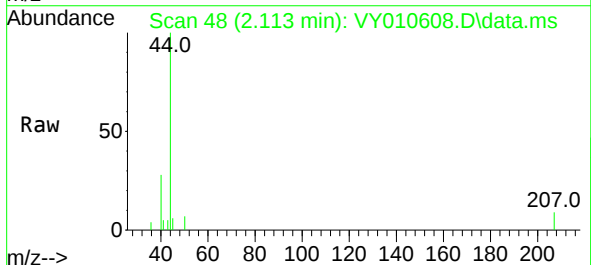
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

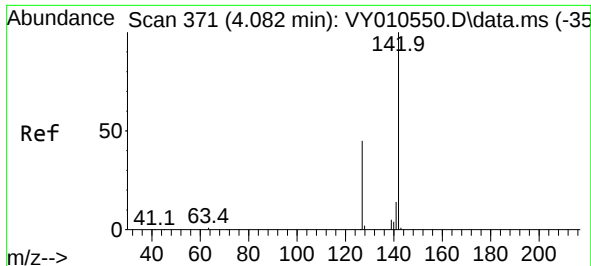
Tgt Ion:168 Resp: 1202
Ion Ratio Lower Upper
168 100
99 67.6 46.9 70.3



#3
Chloromethane
Concen: 9.683 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY010608.D
Acq: 21 Sep 2022 18:52

Tgt Ion: 50 Resp: 109
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

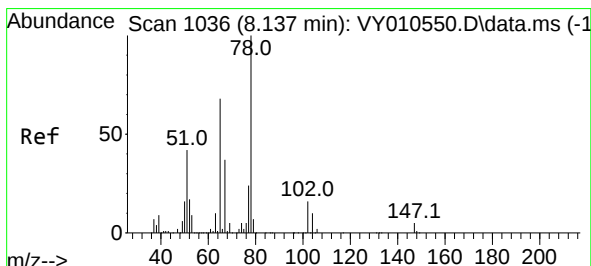
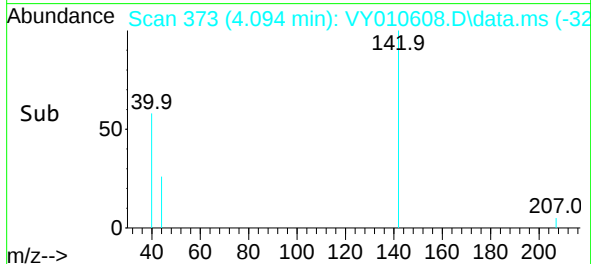
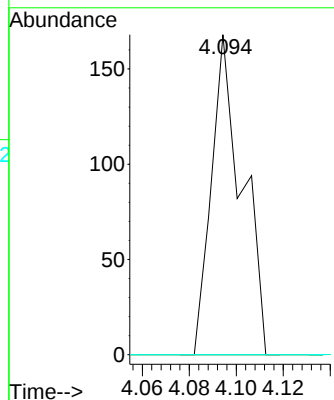
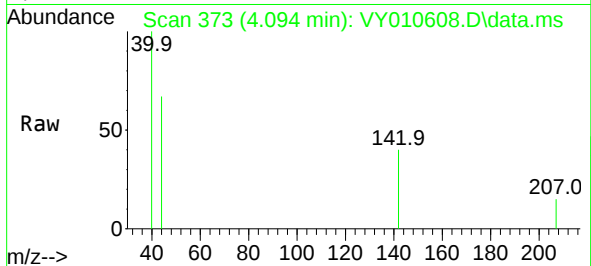




#10
Methyl Iodide
Concen: 13.842 ug/l
RT: 4.094 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY010608.D
Acq: 21 Sep 2022 18:52

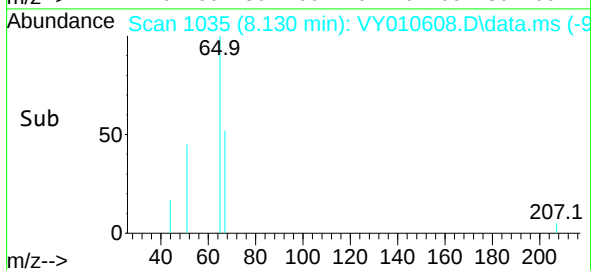
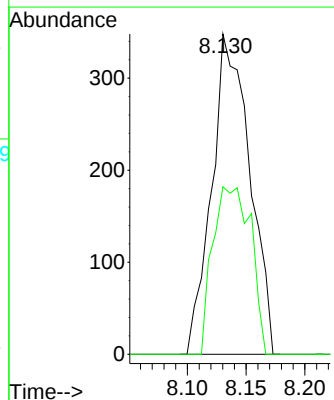
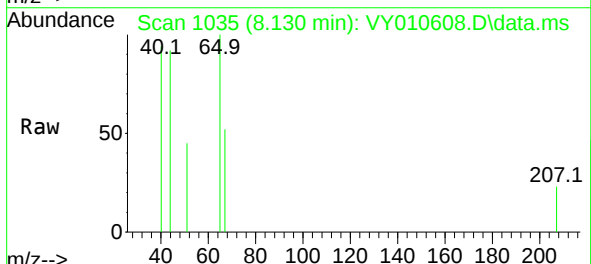
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

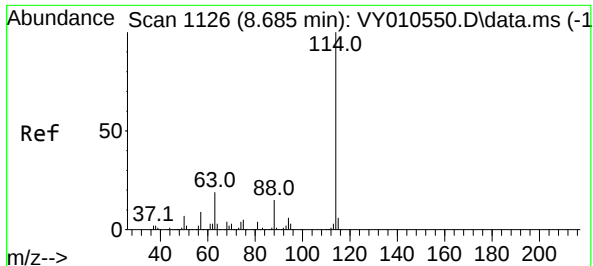
Tgt Ion:142 Resp: 152
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



#33
1,2-Dichloroethane-d4
Concen: 68.019 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY010608.D
Acq: 21 Sep 2022 18:52

Tgt Ion: 65 Resp: 782
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010608.D

Acq: 21 Sep 2022 18:52

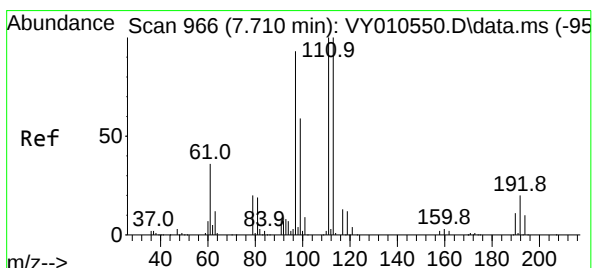
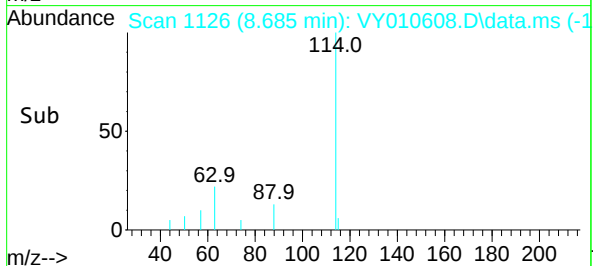
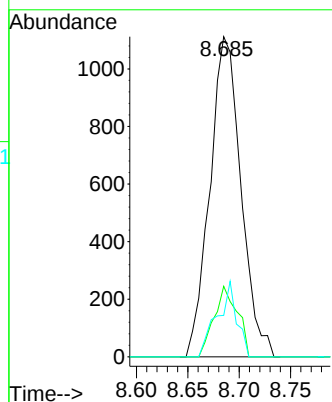
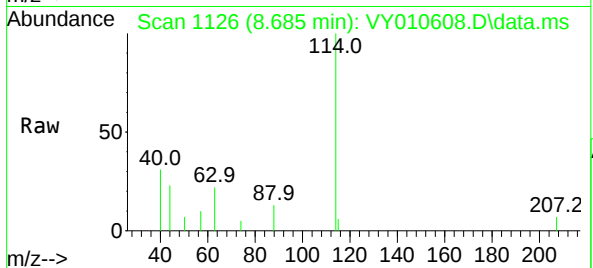
Instrument :

MSVOA_Y

ClientSampleId :

WC-1

Tgt Ion:114	Resp:	2339
Ion	Ratio	Lower Upper
114	100	
63	22.0	0.0 43.2
88	12.9	0.0 31.8



#35

Dibromofluoromethane

Concen: 14.805 ug/l

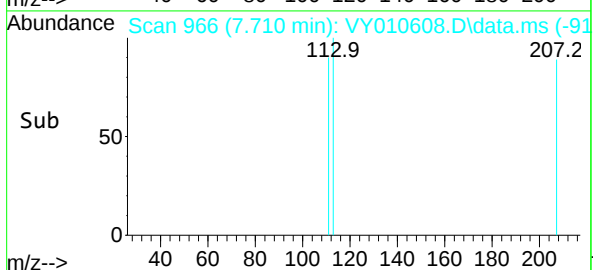
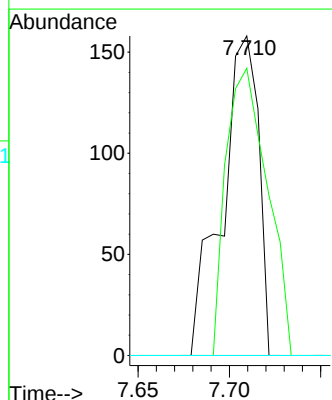
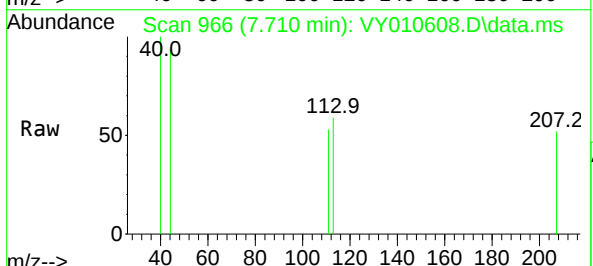
RT: 7.710 min Scan# 966

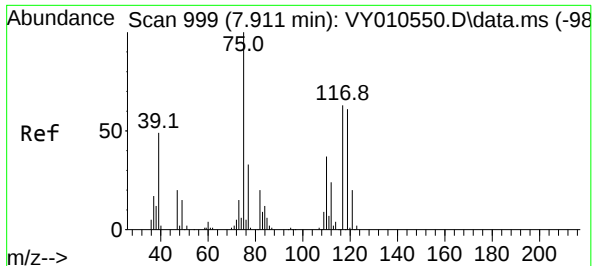
Delta R.T. -0.000 min

Lab File: VY010608.D

Acq: 21 Sep 2022 18:52

Tgt Ion:113	Resp:	221
Ion	Ratio	Lower Upper
113	100	
111	101.4	82.6 124.0
192	0.0	17.6 26.4#





#36

1,1-Dichloropropene

Concen: 1.623 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010608.D

Acq: 21 Sep 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

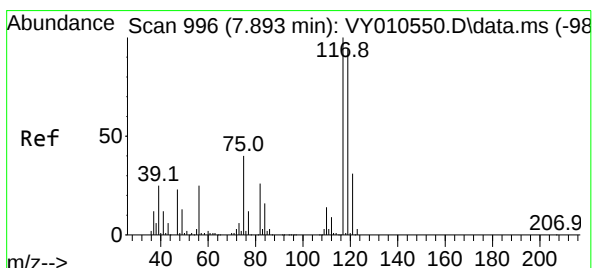
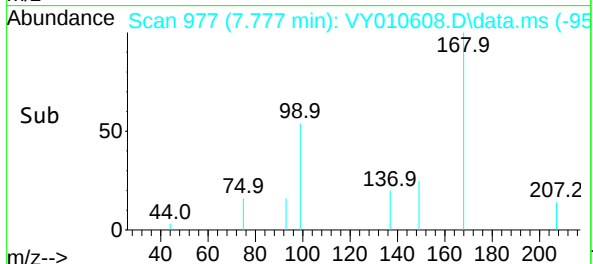
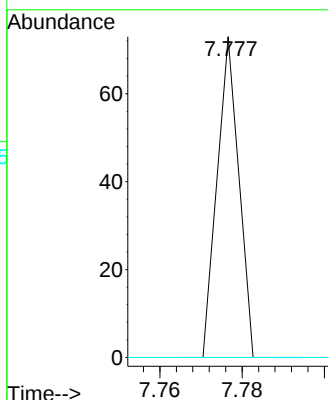
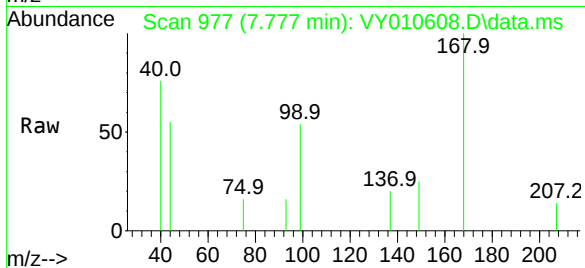
Tgt Ion: 75 Resp: 27

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 1.098 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY010608.D

Acq: 21 Sep 2022 18:52

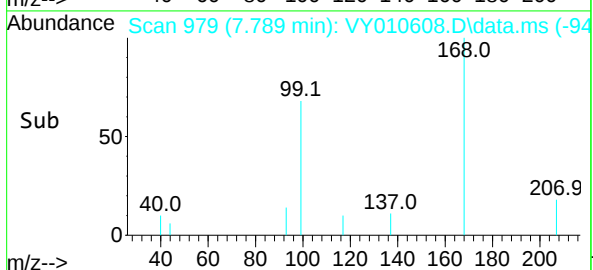
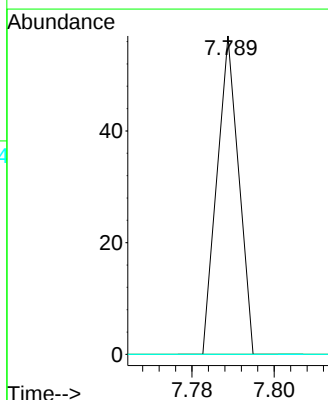
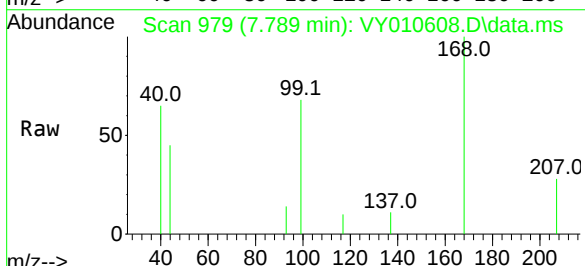
Tgt Ion: 117 Resp: 21

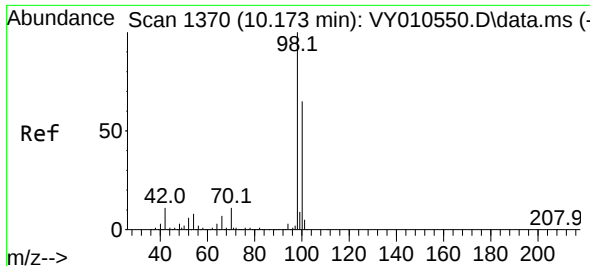
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

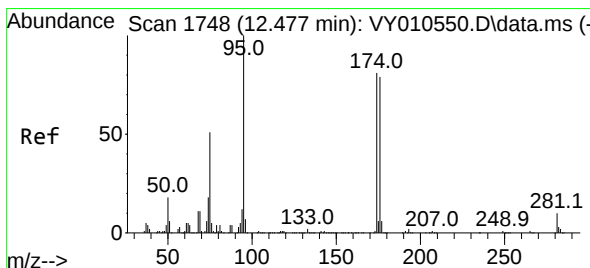
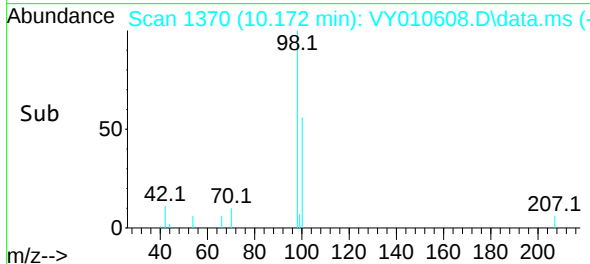
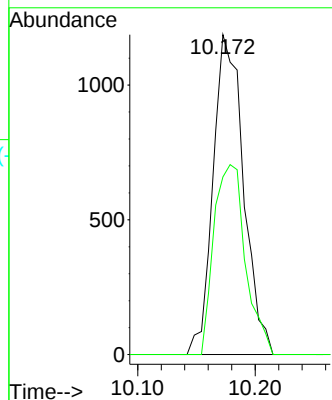
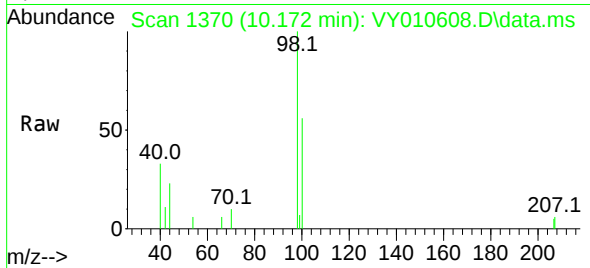




#50
Toluene-d8
Concen: 39.456 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010608.D
Acq: 21 Sep 2022 18:52

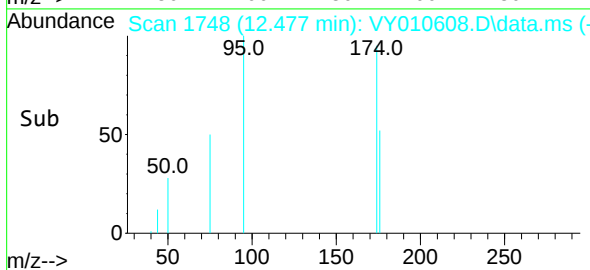
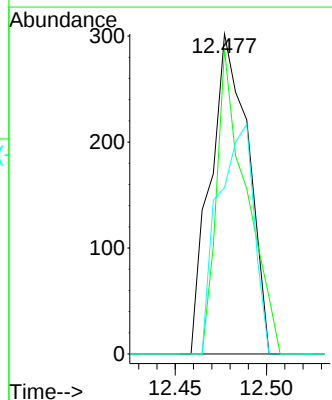
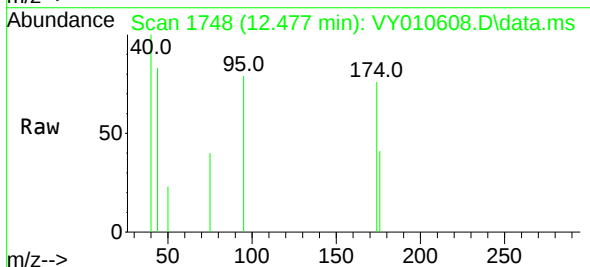
Instrument :
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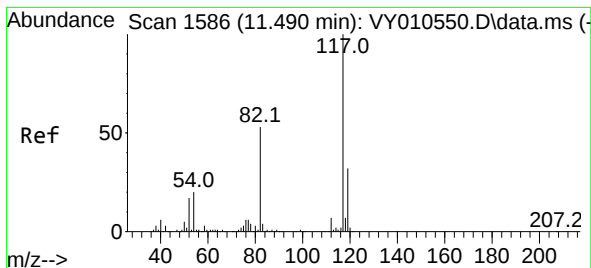
Tgt Ion: 98 Resp: 2138
Ion Ratio Lower Upper
98 100
100 61.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 19.500 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010608.D
Acq: 21 Sep 2022 18:52

Tgt Ion: 95 Resp: 433
Ion Ratio Lower Upper
95 100
174 75.1 0.0 177.0
176 68.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010608.D

Acq: 21 Sep 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

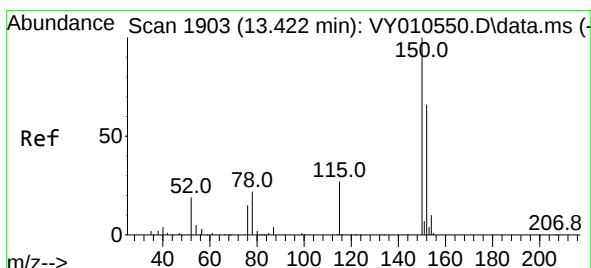
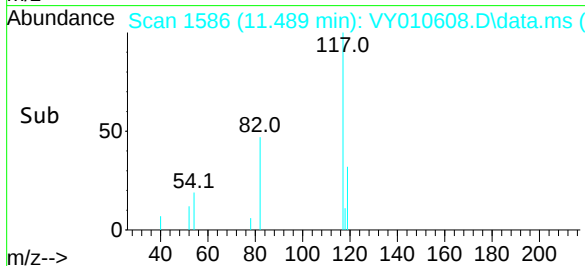
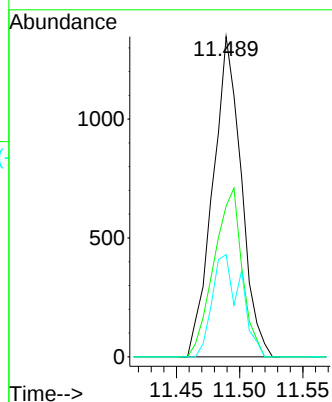
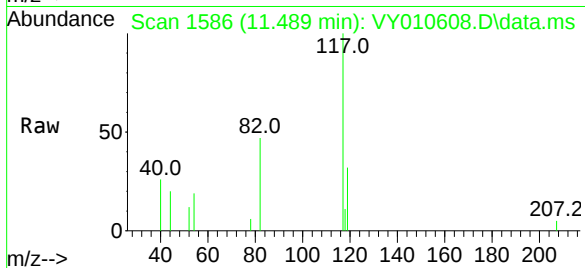
Tgt Ion:117 Resp: 2107

Ion Ratio Lower Upper

117 100

82 47.1 43.0 64.4

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.416 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VY010608.D

Acq: 21 Sep 2022 18:52

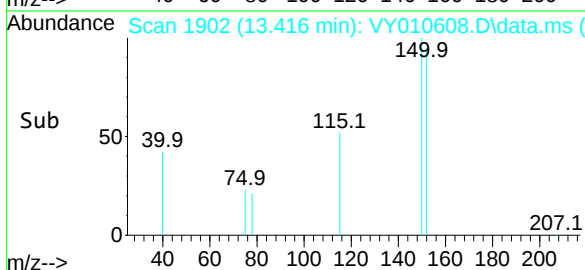
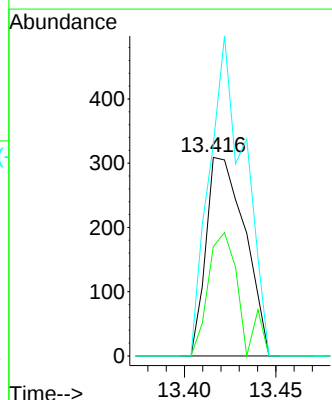
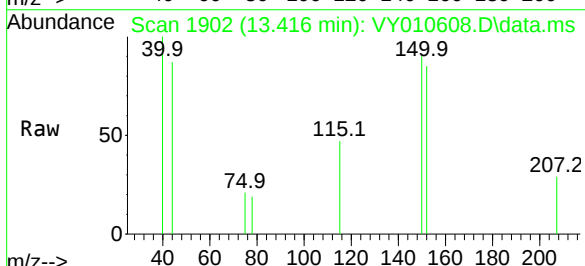
Tgt Ion:152 Resp: 458

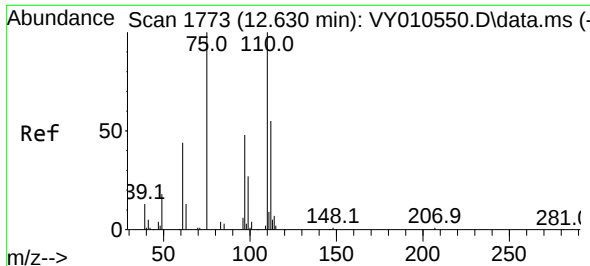
Ion Ratio Lower Upper

152 100

115 49.8 28.2 84.7

150 145.4 0.0 347.6

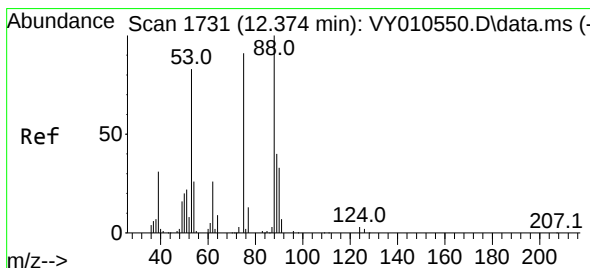
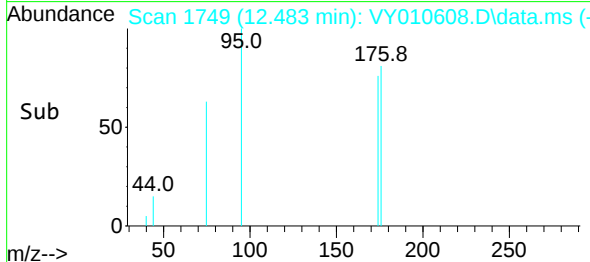
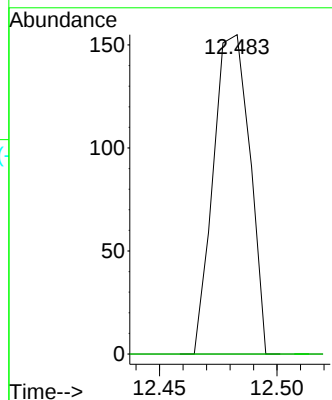
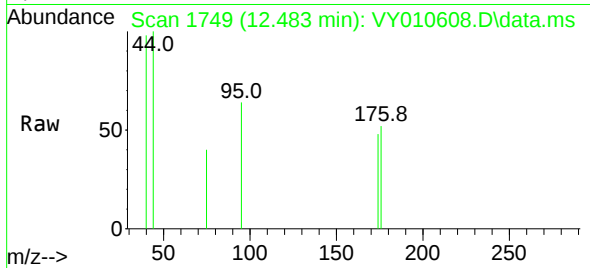




#76
1,2,3-Trichloropropane
Concen: 38.204 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010608.D
Acq: 21 Sep 2022 18:52

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion: 75 Resp: 167
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 84.943 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY010608.D
Acq: 21 Sep 2022 18:52

Tgt Ion: 75 Resp: 167
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

