

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020208.D
 Acq On : 07 Nov 2024 15:44
 Operator : SY/MD
 Sample : P4722-01
 Misc : 8.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1(5.5)

Quant Time: Nov 08 03:12:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

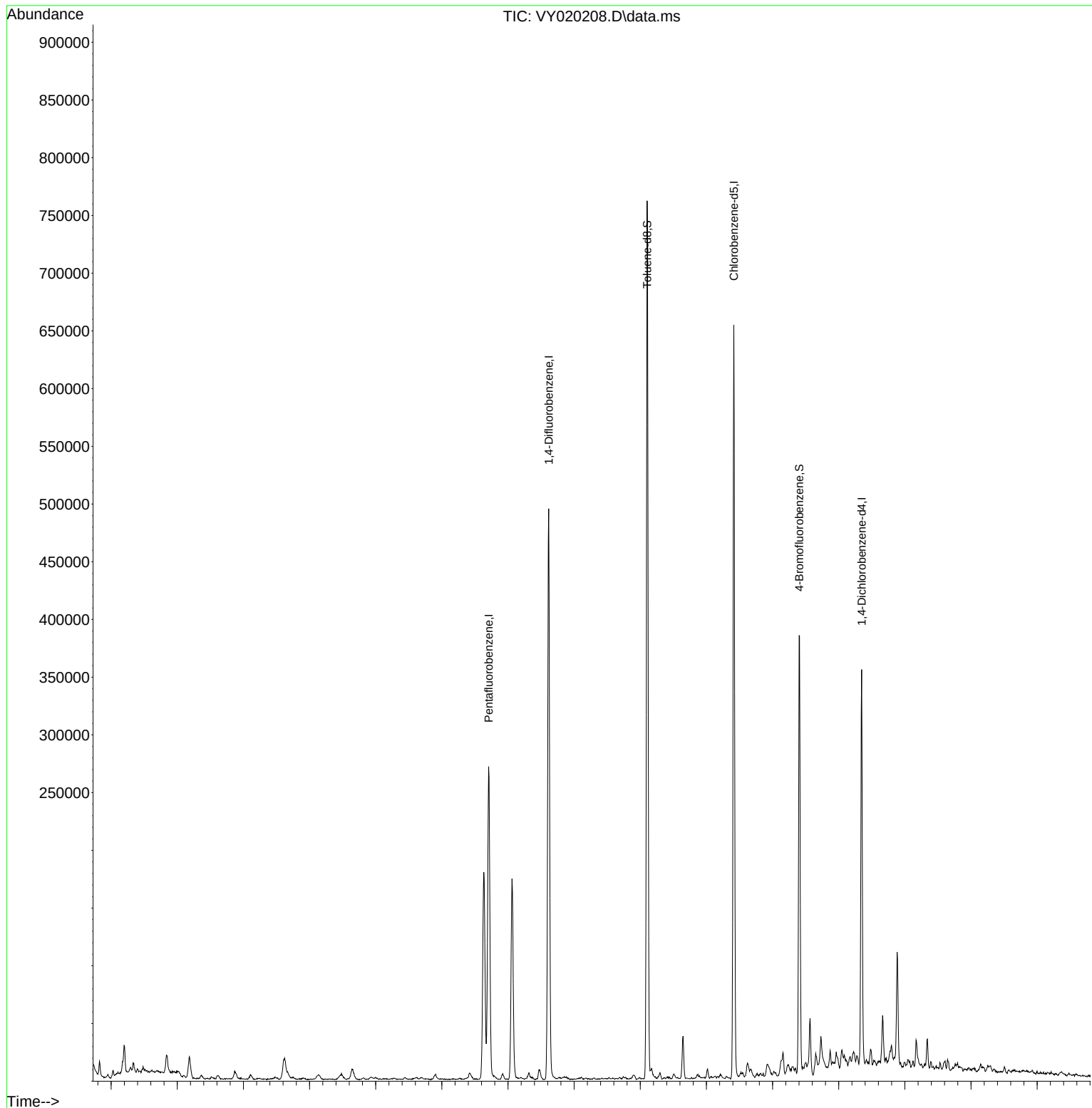
Internal Standards						
1) Pentafluorobenzene	7.707	168	186522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	391649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	307735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	75154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132748	57.024	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.040%			
35) Dibromofluoromethane	7.634	113	127971	51.392	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.780%			
50) Toluene-d8	10.103	98	466122	47.027	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.060%			
62) 4-Bromofluorobenzene	12.402	95	112506	34.946	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 69.900%			
Target Compounds						
16) Acetone	3.866	43	11547	21.329	ug/l	# 75
20) Methylene Chloride	4.622	84	12385	5.093	ug/l	# 86
25) 2-Butanone	6.903	43	5282	7.198	ug/l	90
30) Chloroform	7.427	83	4850	1.120	ug/l	90
64) Tetrachloroethene	10.646	164	6747	3.321	ug/l	91
84) 1,2,4-Trimethylbenzene	13.042	105	5004	1.048	ug/l	99
95) Naphthalene	15.139	128	4505	2.092	ug/l	97

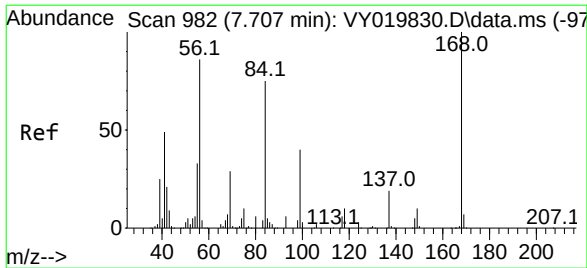
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-1(5.5)

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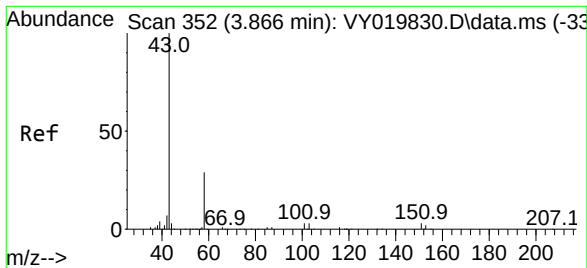
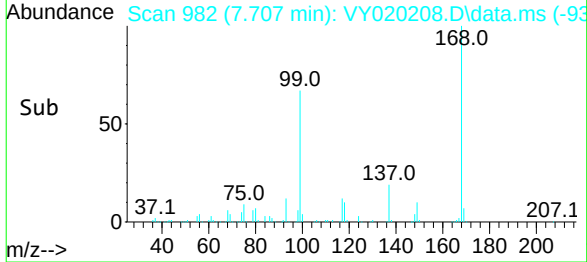
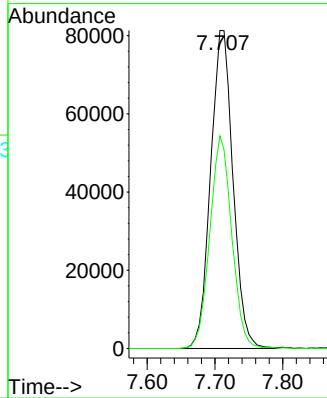
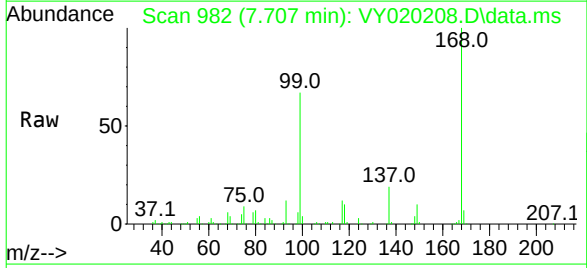




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020208.D
Acq: 07 Nov 2024 15:44

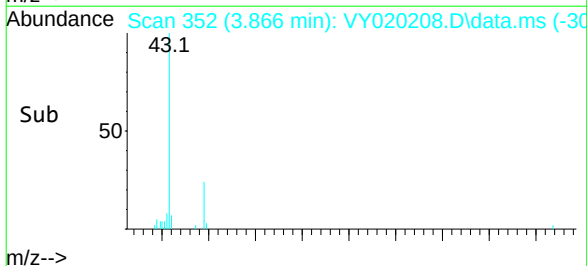
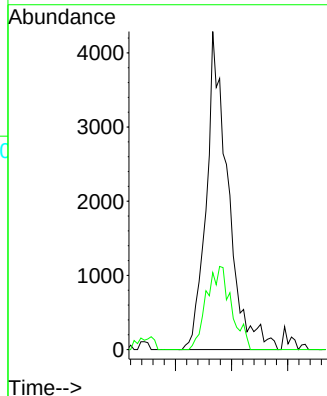
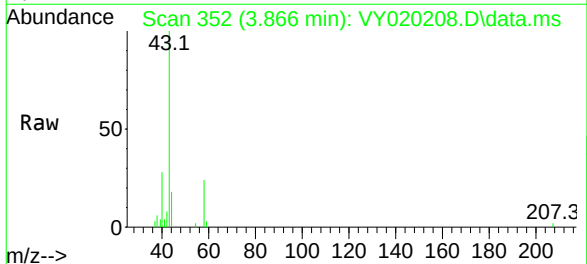
Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

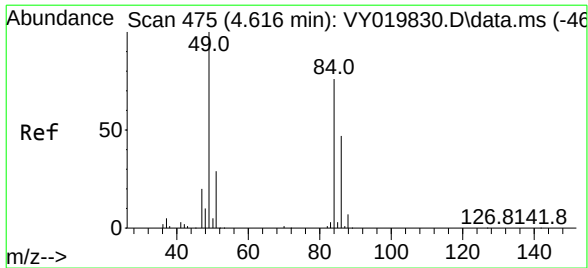
Tgt Ion:168 Resp: 186522
Ion Ratio Lower Upper
168 100
99 66.9 39.1 58.7#



#16
Acetone
Concen: 21.329 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020208.D
Acq: 07 Nov 2024 15:44

Tgt Ion: 43 Resp: 11547
Ion Ratio Lower Upper
43 100
58 24.2 31.7 47.5#

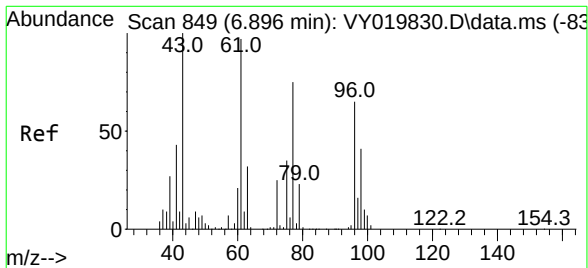
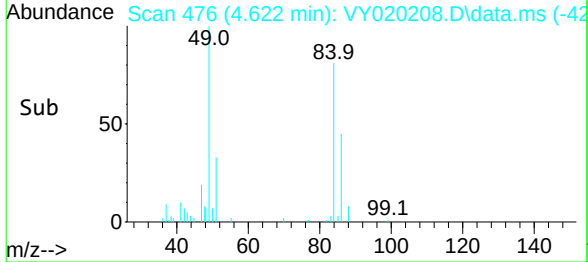
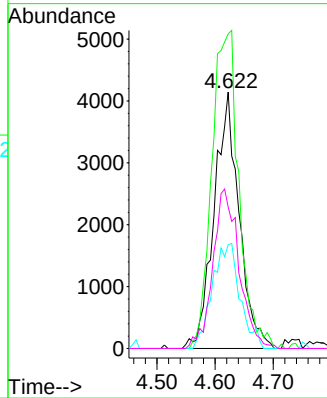
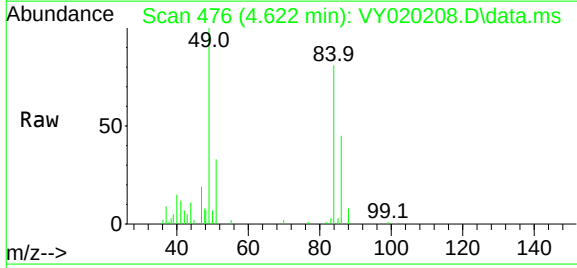




#20
Methylene Chloride
Concen: 5.093 ug/l
RT: 4.622 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY020208.D
Acq: 07 Nov 2024 15:44

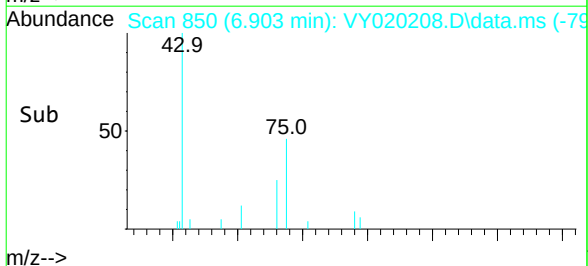
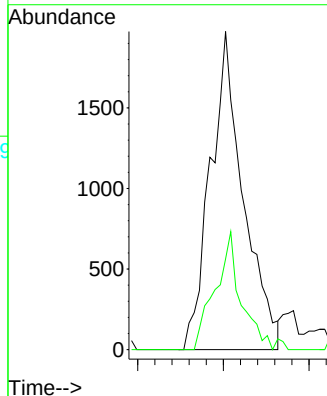
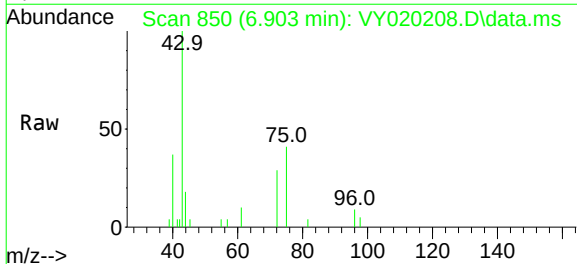
Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

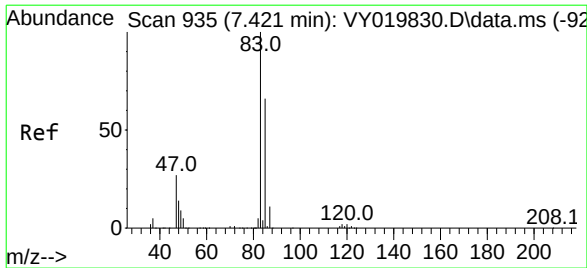
Tgt Ion: 84	Resp: 12385
Ion Ratio	Lower Upper
84 100	
49 122.7	84.4 126.6
51 40.5	26.0 39.0
86 55.2	49.5 74.3



#25
2-Butanone
Concen: 7.198 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY020208.D
Acq: 07 Nov 2024 15:44

Tgt Ion: 43	Resp: 5282
Ion Ratio	Lower Upper
43 100	
72 28.5	27.3 40.9

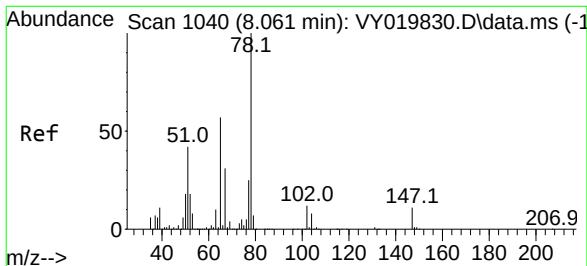
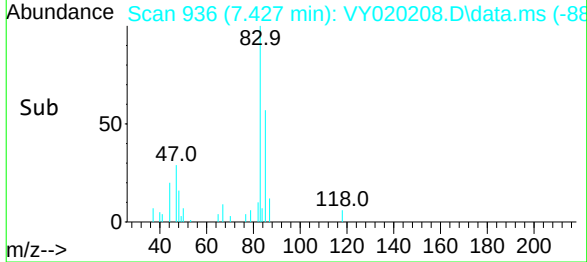
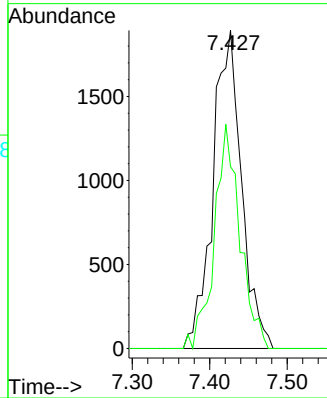
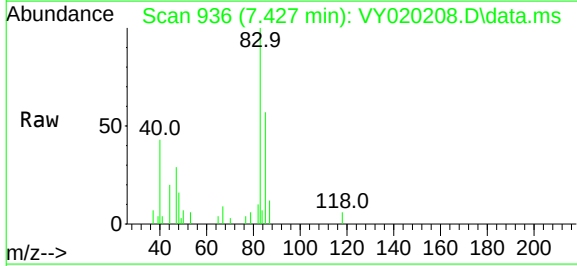




#30
Chloroform
Concen: 1.120 ug/l
RT: 7.427 min Scan# 93
Delta R.T. 0.006 min
Lab File: VY020208.D
Acq: 07 Nov 2024 15:44

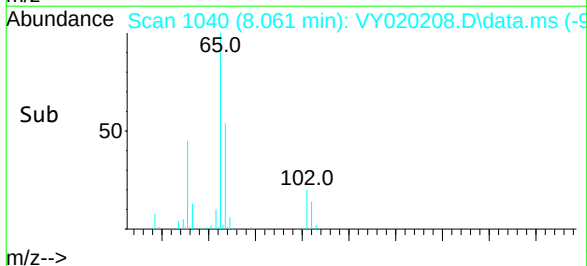
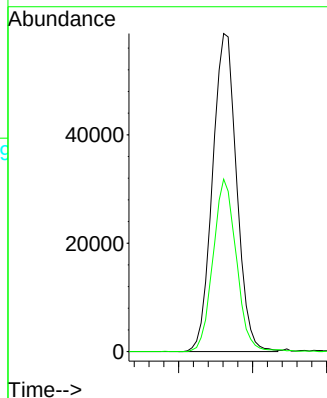
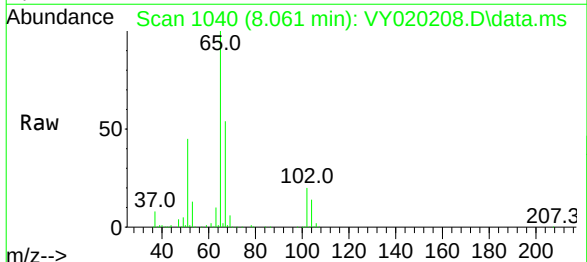
Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)

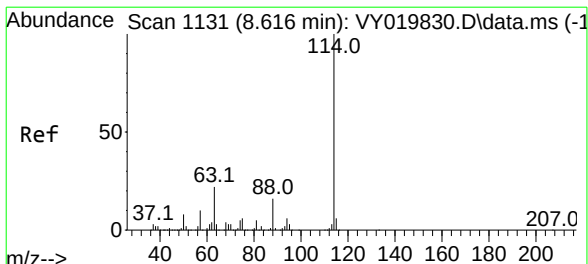
Tgt Ion: 83 Resp: 4850
Ion Ratio Lower Upper
83 100
85 57.2 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 57.024 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020208.D
Acq: 07 Nov 2024 15:44

Tgt Ion: 65 Resp: 132748
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

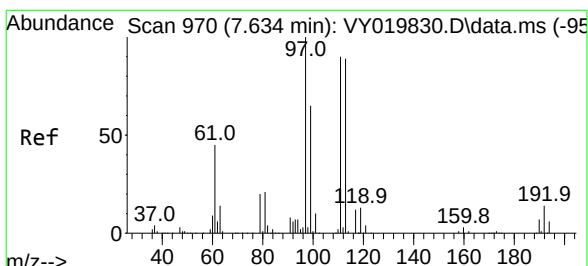
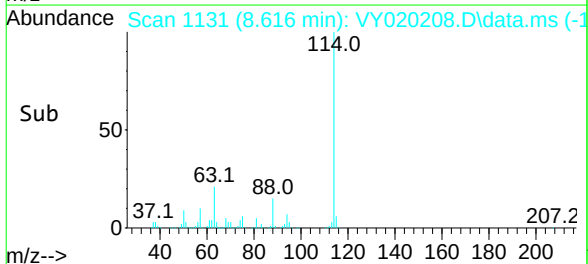
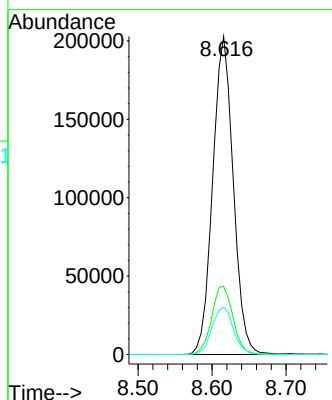
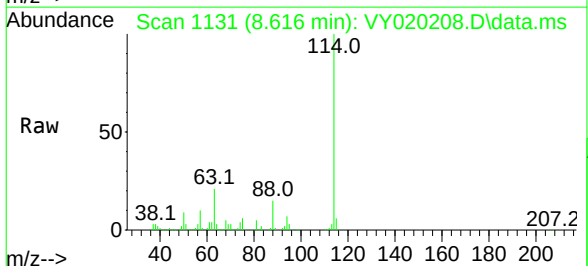




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020208.D
 Acq: 07 Nov 2024 15:44

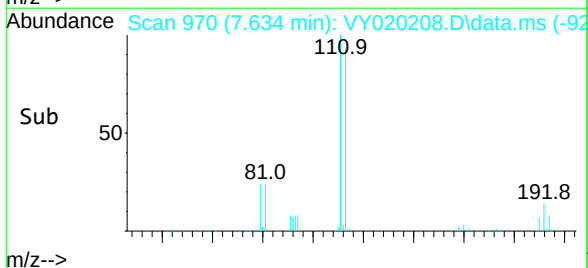
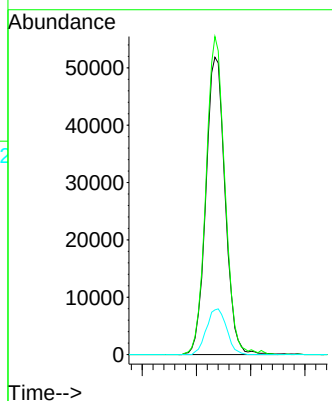
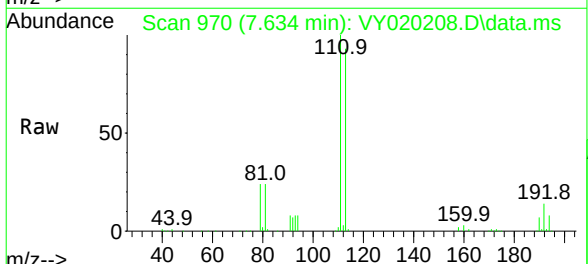
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1(5.5)

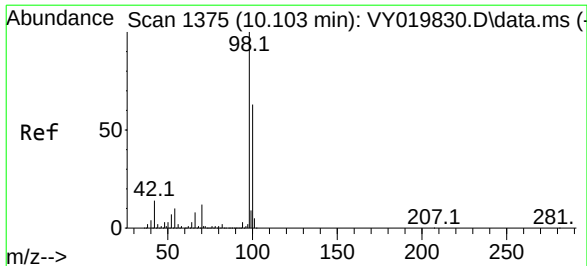
Tgt Ion:	114	Resp:	391649
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	35.0
88	14.9	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 51.392 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020208.D
 Acq: 07 Nov 2024 15:44

Tgt Ion:	113	Resp:	127971
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.2	123.4
192	16.1	15.9	23.9





#50

Toluene-d8

Concen: 47.027 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020208.D

Acq: 07 Nov 2024 15:44

Instrument :

MSVOA_Y

ClientSampleId :

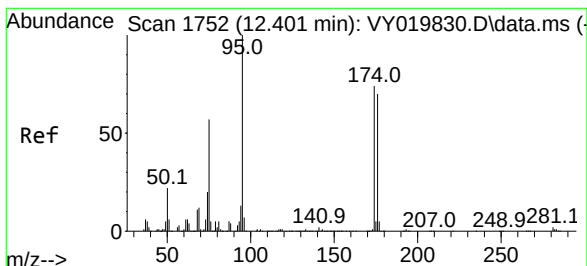
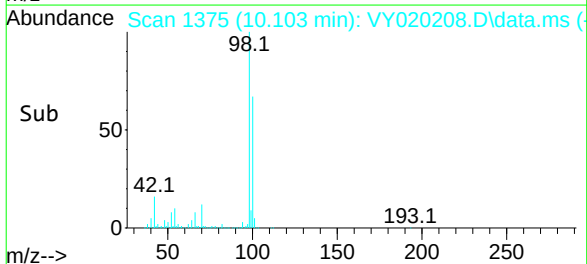
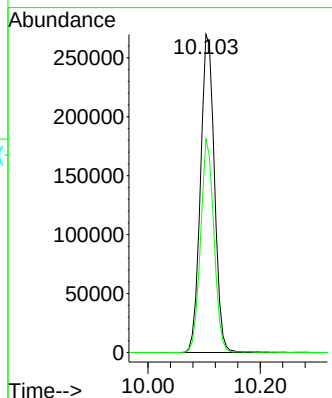
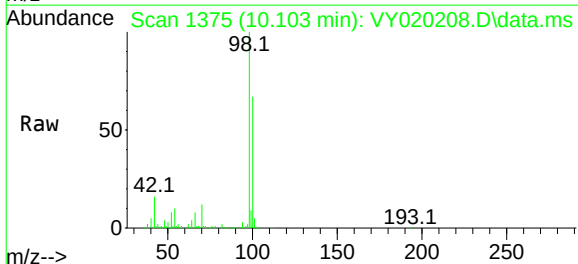
WC-1(5.5)

Tgt Ion: 98 Resp: 466122

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 34.946 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020208.D

Acq: 07 Nov 2024 15:44

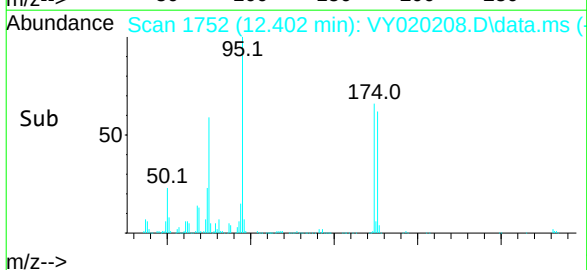
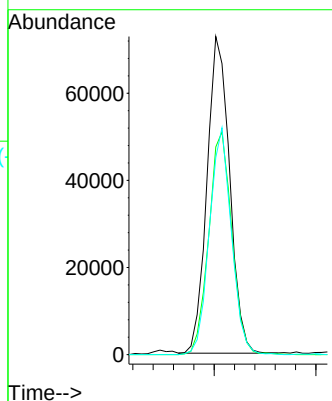
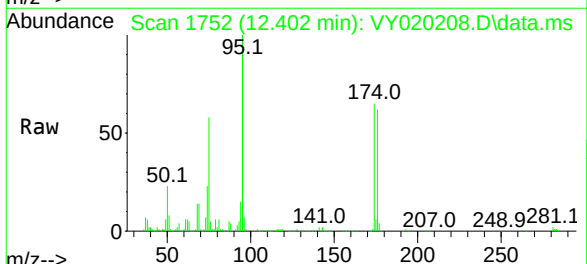
Tgt Ion: 95 Resp: 112506

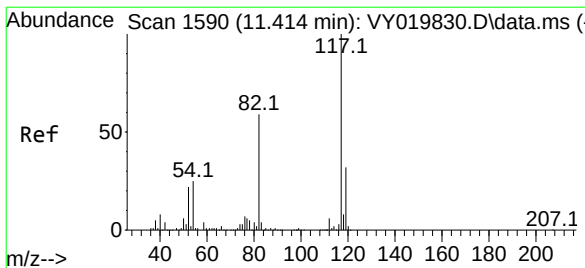
Ion Ratio Lower Upper

95 100

174 71.8 0.0 175.6

176 69.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY020208.D

Acq: 07 Nov 2024 15:44

Instrument :

MSVOA_Y

ClientSampleId :

WC-1(5.5)

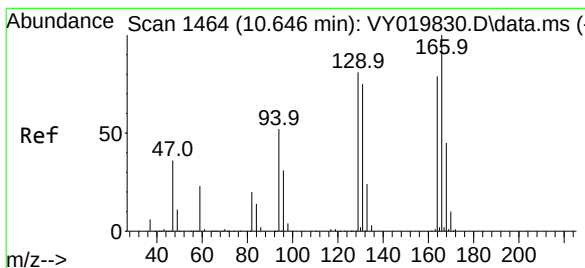
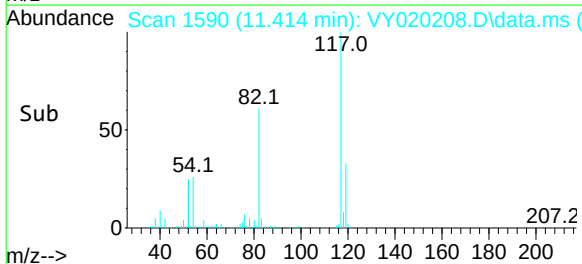
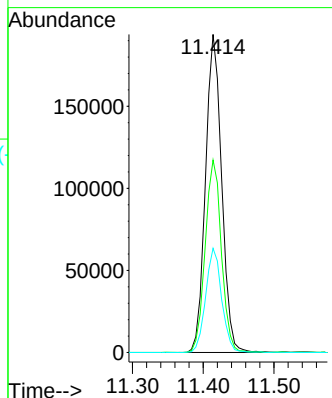
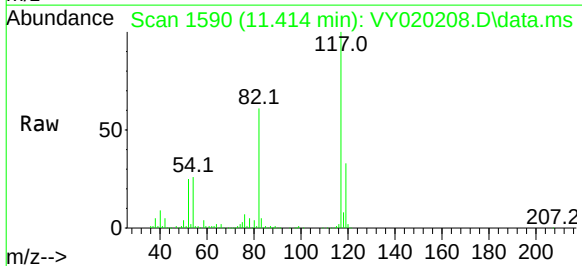
Tgt Ion:117 Resp: 307735

Ion Ratio Lower Upper

117 100

82 60.5 42.4 63.6

119 32.8 25.9 38.9



#64

Tetrachloroethene

Concen: 3.321 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020208.D

Acq: 07 Nov 2024 15:44

Tgt Ion:164 Resp: 6747

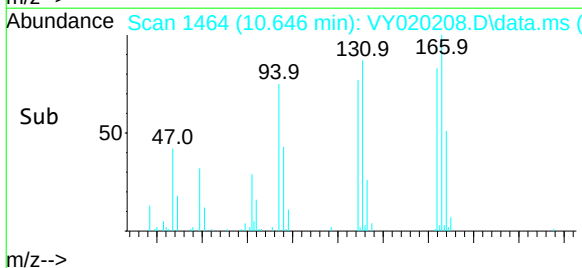
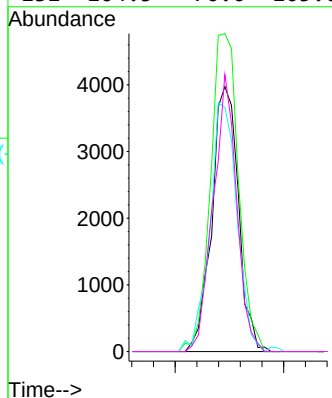
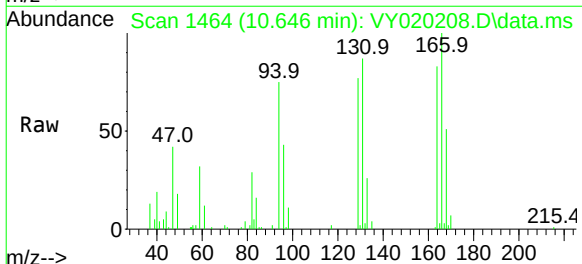
Ion Ratio Lower Upper

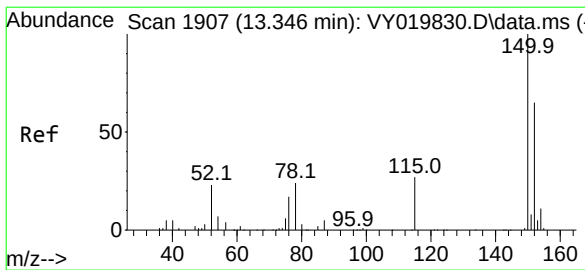
164 100

166 120.0 102.6 154.0

129 92.2 72.0 108.0

131 104.5 70.0 105.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020208.D

Acq: 07 Nov 2024 15:44

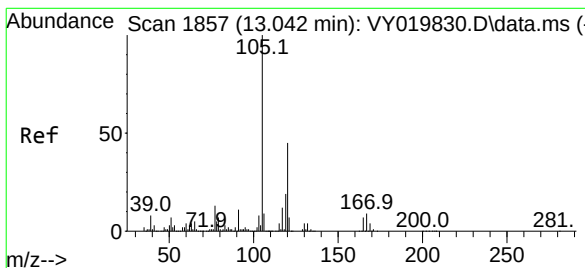
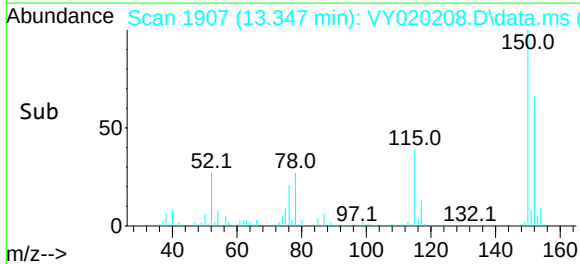
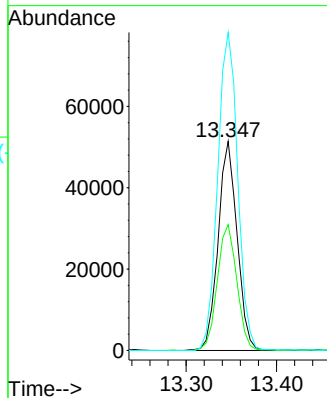
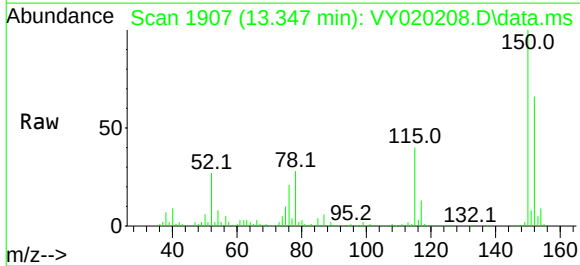
Instrument :

MSVOA_Y

ClientSampleId :

WC-1(5.5)

Tgt Ion:	152	Resp:	75154
Ion Ratio	Lower	Upper	
152	100		
115	61.8	28.2	84.7
150	159.9	0.0	345.6



#84

1,2,4-Trimethylbenzene

Concen: 1.048 ug/l

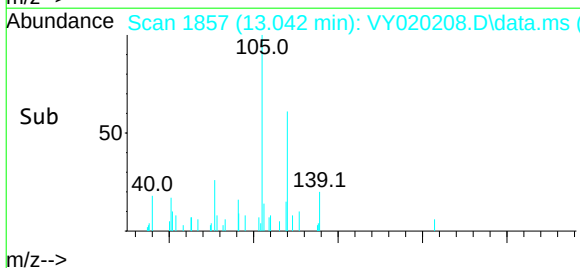
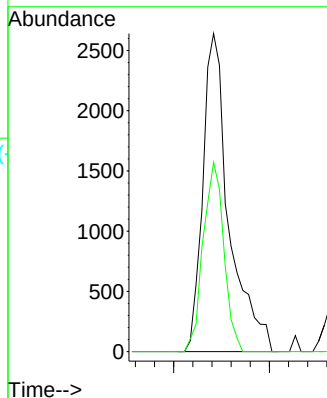
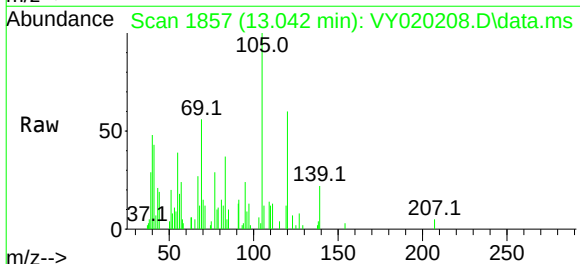
RT: 13.042 min Scan# 1857

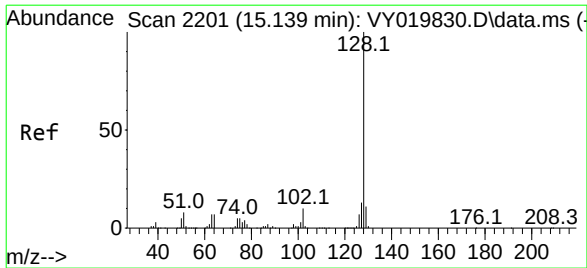
Delta R.T. -0.006 min

Lab File: VY020208.D

Acq: 07 Nov 2024 15:44

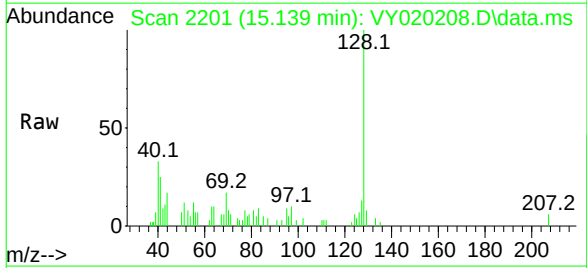
Tgt Ion:	105	Resp:	5004
Ion Ratio	Lower	Upper	
105	100		
120	47.1	23.2	69.6





#95
Naphthalene
Concen: 2.092 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY020208.D
Acq: 07 Nov 2024 15:44

Instrument :
MSVOA_Y
ClientSampleId :
WC-1(5.5)



Tgt Ion:	128	Resp:	4505
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.6	16.0
129	12.0	8.6	13.0

