

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020209.D
 Acq On : 07 Nov 2024 16:07
 Operator : SY/MD
 Sample : P4722-17
 Misc : 11.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 00:28:57 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)

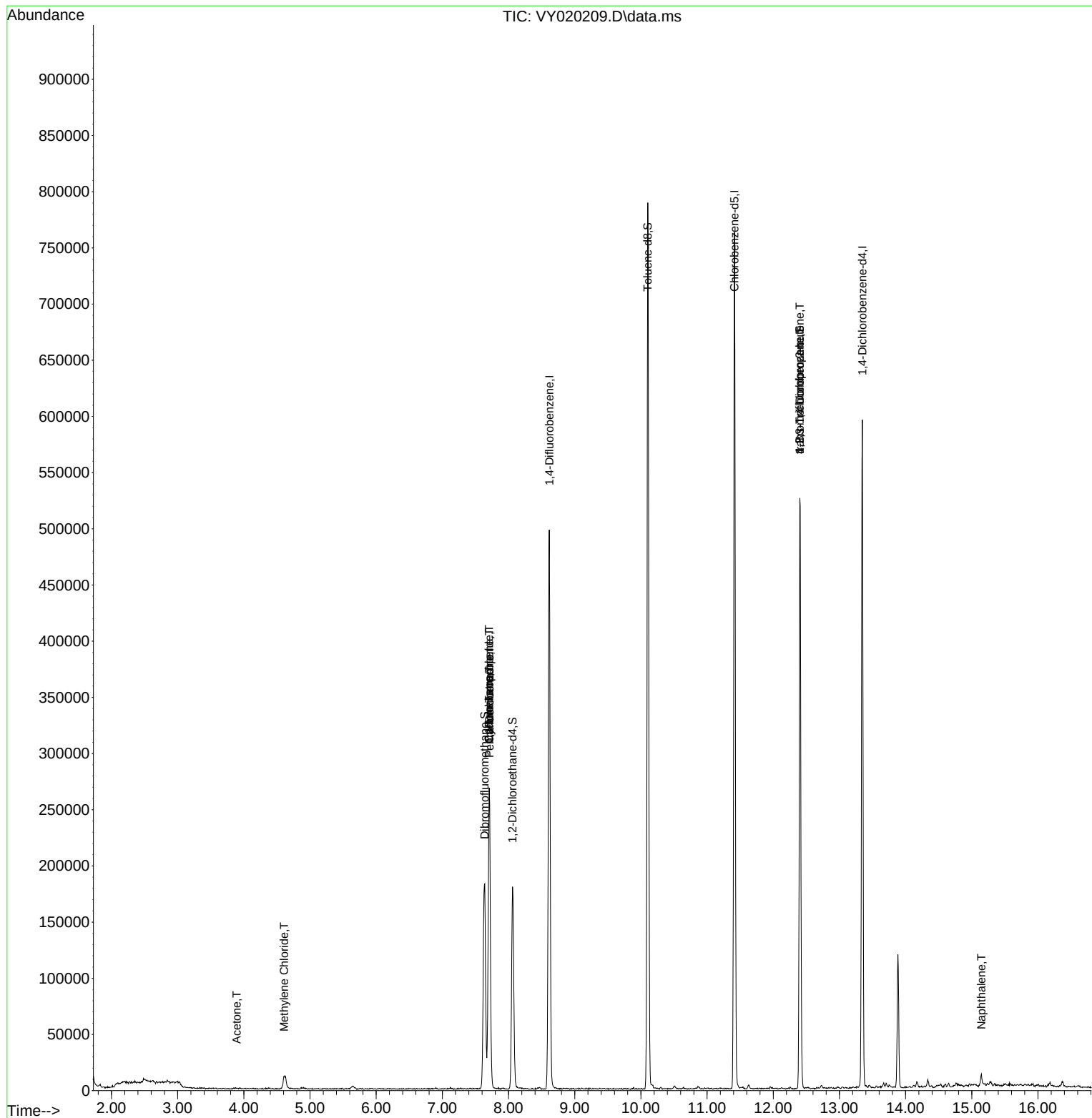
Internal Standards						
1) Pentafluorobenzene	7.713	168	181277	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	389130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	362163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	133281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141686	62.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.240%	
35) Dibromofluoromethane	7.640	113	132527	53.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.140%	
50) Toluene-d8	10.103	98	485528	49.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	12.402	95	153248	47.909	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.820%	
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	1109	2.108	ug/l	# 60
20) Methylene Chloride	4.610	84	8551	3.618	ug/l	89
31) Cyclohexane	7.707	56	5336	1.300	ug/l	# 8
36) 1,1-Dichloropropene	7.707	75	18596	4.866	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	21708	5.648	ug/l	# 16
76) 1,2,3-Trichloropropane	12.402	75	89937	71.986	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	89937	154.839	ug/l	# 16
95) Naphthalene	15.145	128	6803	1.782	ug/l	# 93

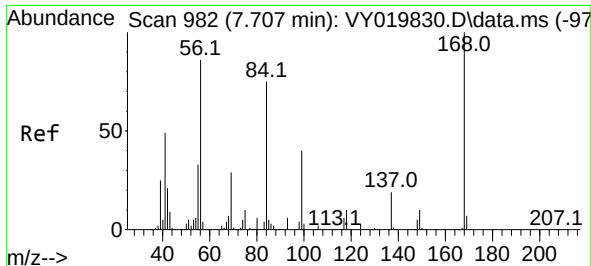
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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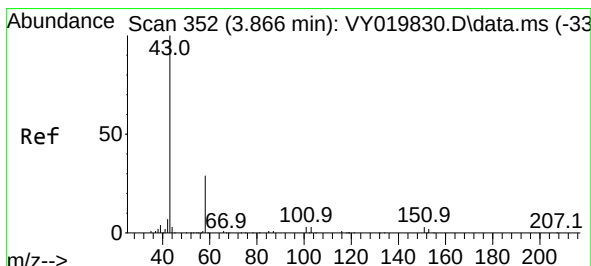
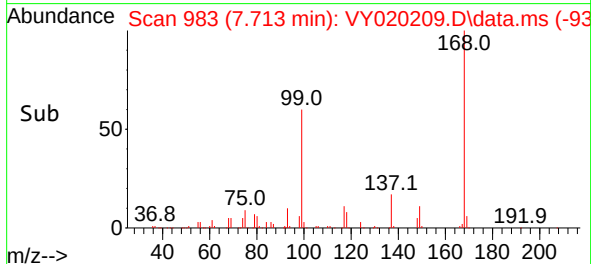
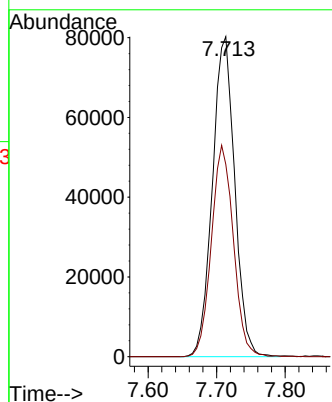
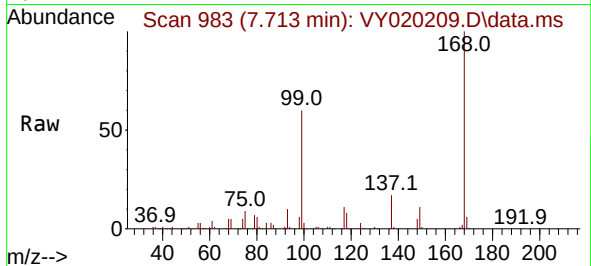




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020209.D
Acq: 07 Nov 2024 16:07

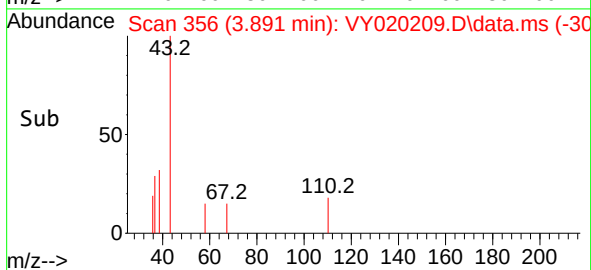
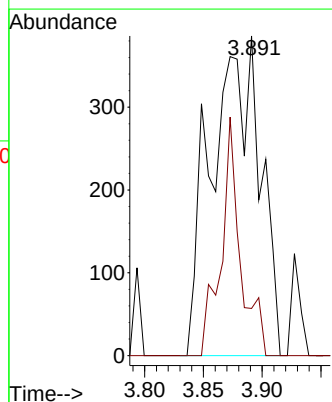
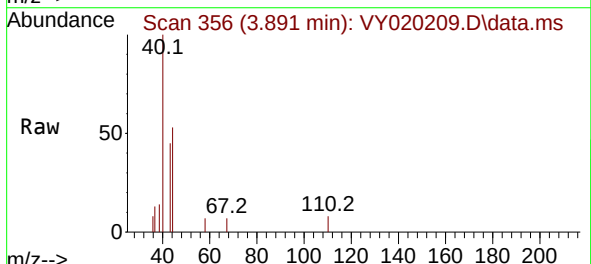
Instrument :
MSVOA_Y
ClientSampleId :

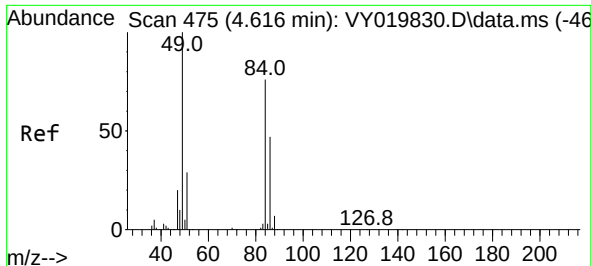
Tgt Ion:168 Resp: 181277
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7#



#16
Acetone
Concen: 2.108 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.019 min
Lab File: VY020209.D
Acq: 07 Nov 2024 16:07

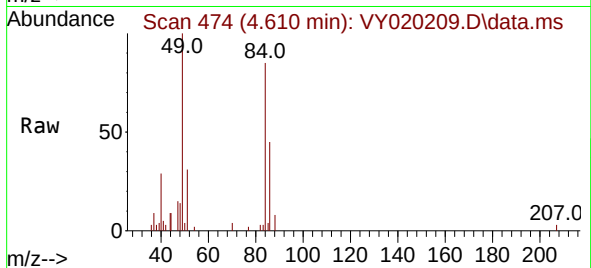
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 14.8 31.7 47.5#



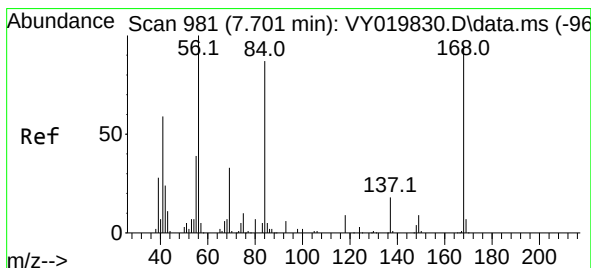
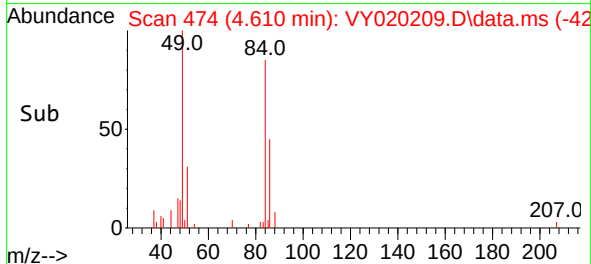
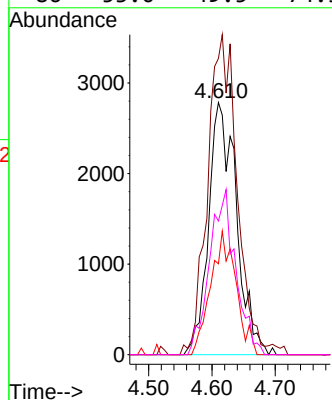


#20
Methylene Chloride
Concen: 3.618 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY020209.D
Acq: 07 Nov 2024 16:07

Instrument :
MSVOA_Y
ClientSampleId :

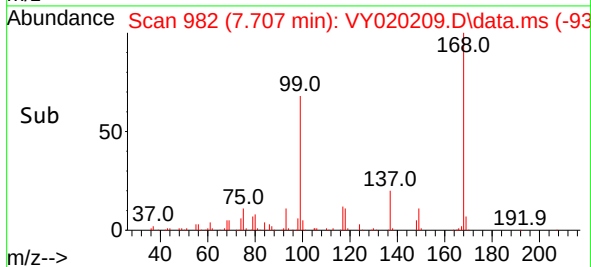
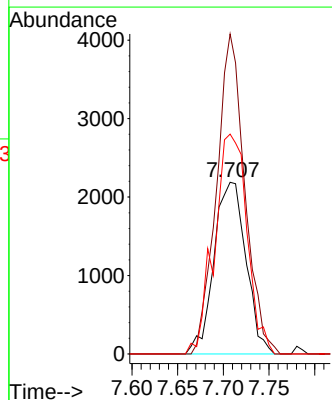
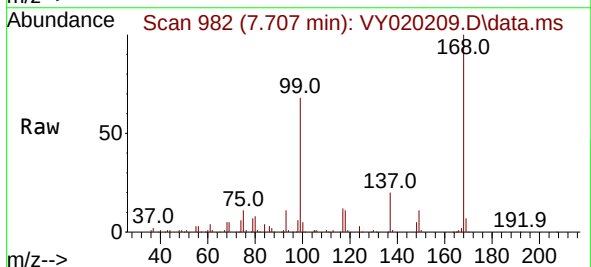


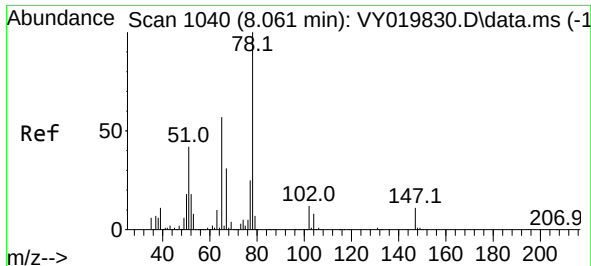
Tgt Ion:	84	Resp:	8551
Ion	Ratio	Lower	Upper
84	100		
49	117.6	84.4	126.6
51	36.0	26.0	39.0
86	53.0	49.5	74.3



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.007 min
Lab File: VY020209.D
Acq: 07 Nov 2024 16:07

Tgt Ion:	56	Resp:	5336
Ion	Ratio	Lower	Upper
56	100		
69	186.4	28.7	43.1#
84	128.1	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 62.625 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020209.D

Acq: 07 Nov 2024 16:07

Instrument :

MSVOA_Y

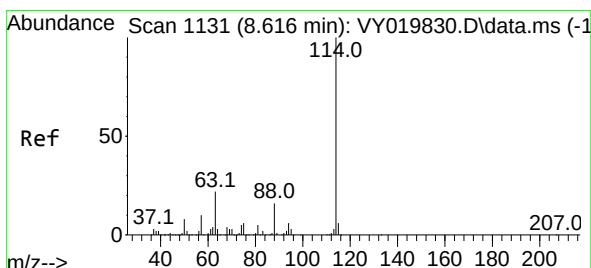
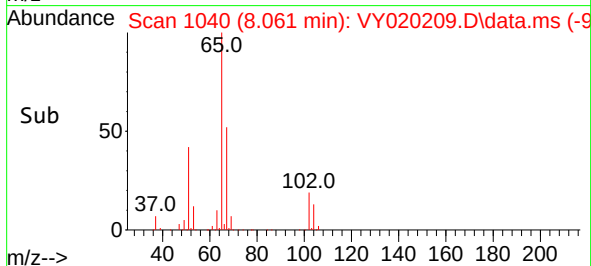
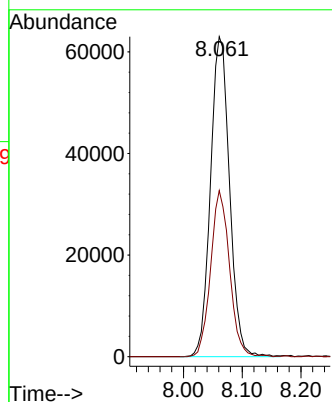
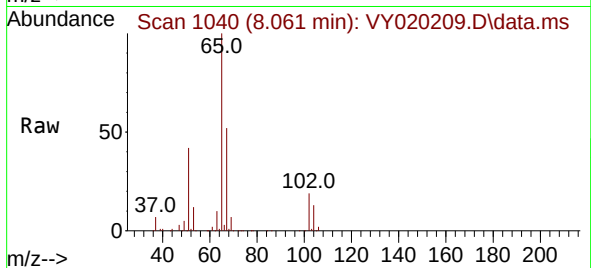
ClientSampleId :

Tgt Ion: 65 Resp: 141686

Ion Ratio Lower Upper

65 100

67 51.6 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: VY020209.D

Acq: 07 Nov 2024 16:07

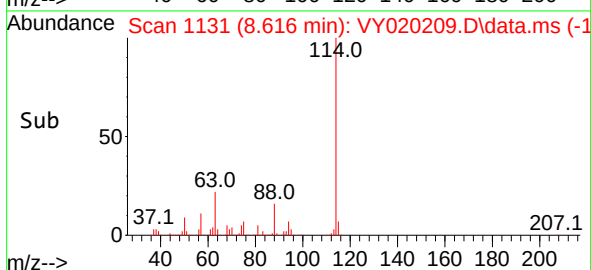
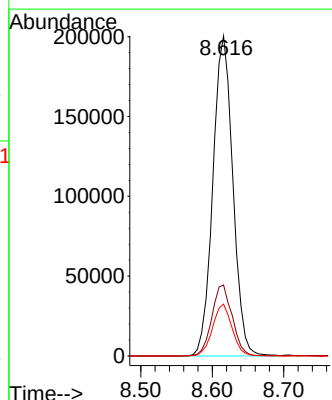
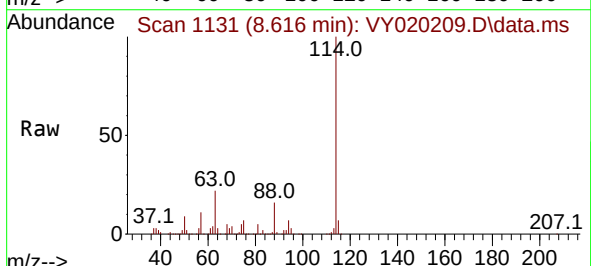
Tgt Ion: 114 Resp: 389130

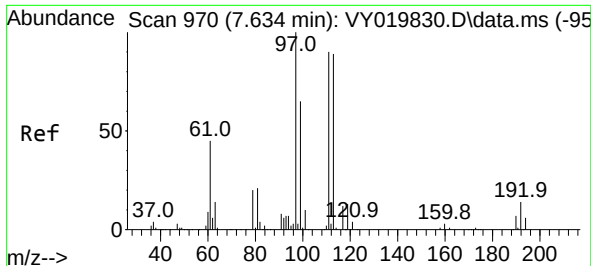
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

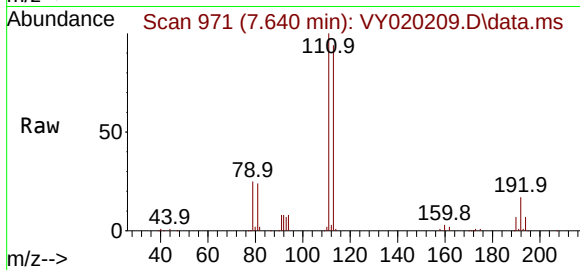
88 16.2 0.0 27.2



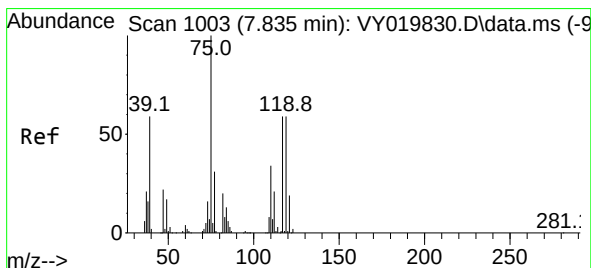
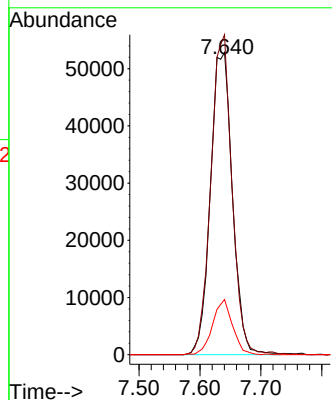
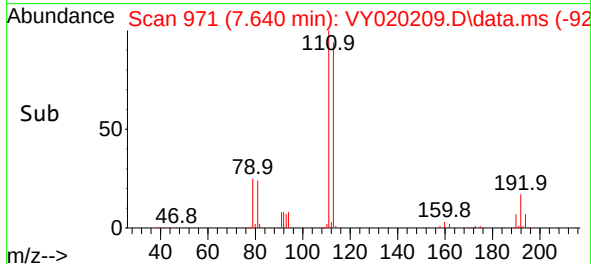


#35
Dibromofluoromethane
Concen: 53.566 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020209.D
Acq: 07 Nov 2024 16:07

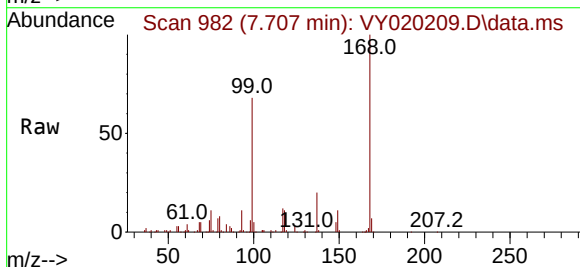
Instrument :
MSVOA_Y
ClientSampleId :



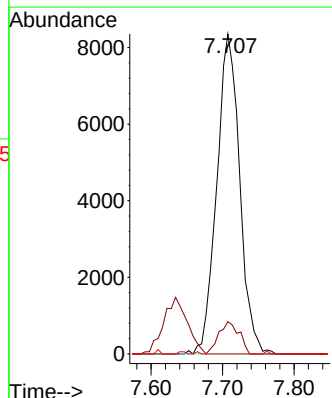
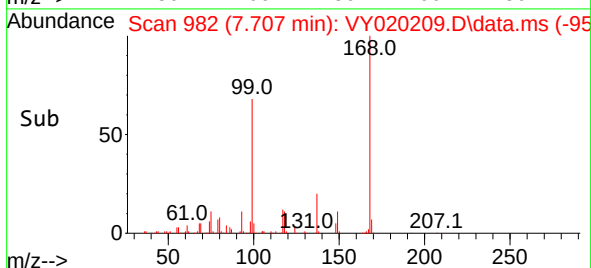
Tgt Ion:113 Resp: 132527
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 16.5 15.9 23.9

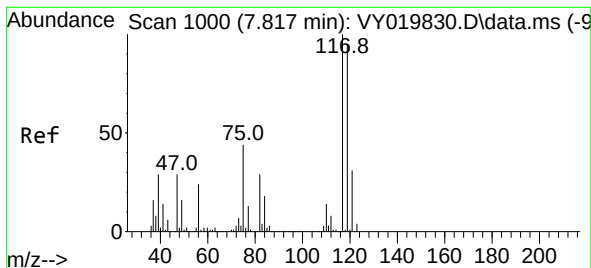


#36
1,1-Dichloropropene
Concen: 4.866 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020209.D
Acq: 07 Nov 2024 16:07



Tgt Ion: 75 Resp: 18596
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.648 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

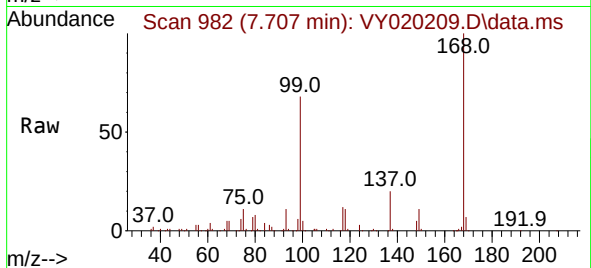
Lab File: VY020209.D

Acq: 07 Nov 2024 16:07

Instrument :

MSVOA_Y

ClientSampleId :



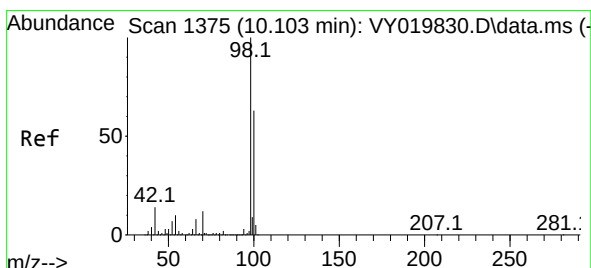
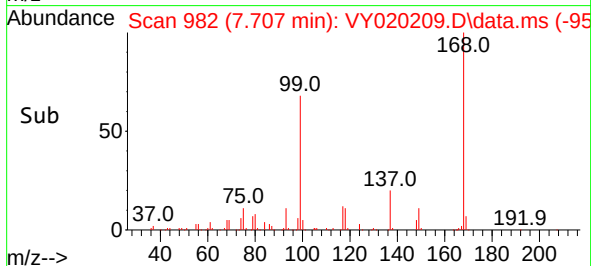
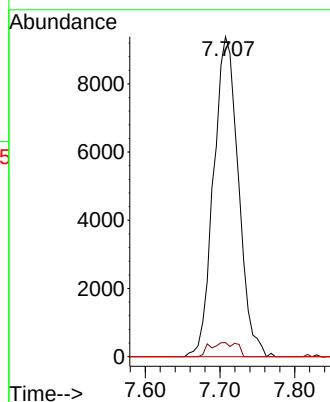
Tgt Ion:117 Resp: 21708

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 49.302 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020209.D

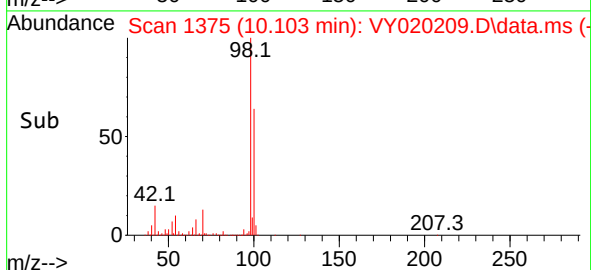
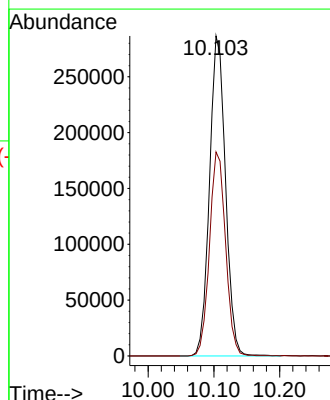
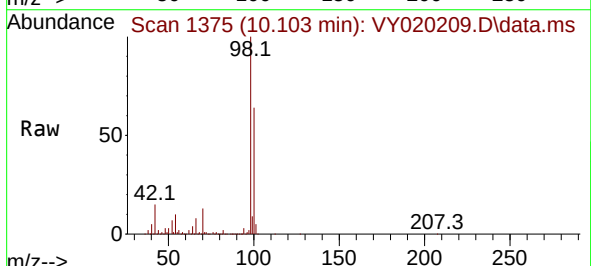
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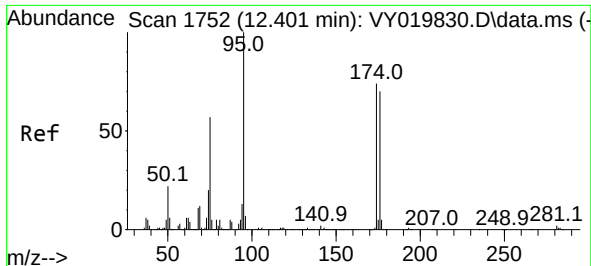
Tgt Ion: 98 Resp: 485528

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

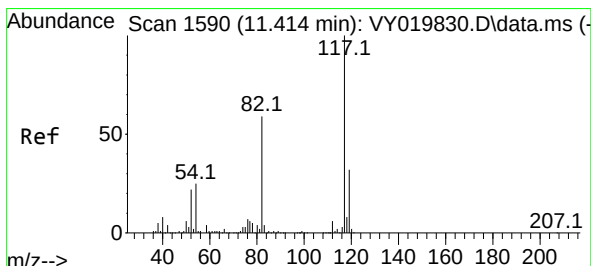
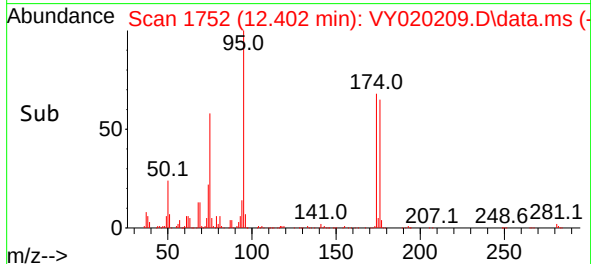
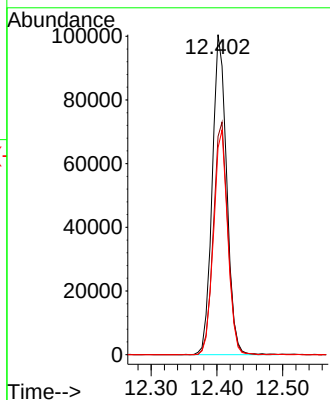
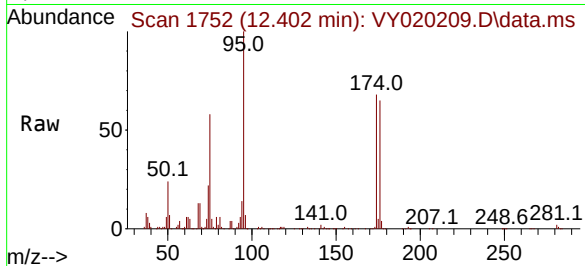




#62
4-Bromofluorobenzene
Concen: 47.909 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020209.D
Acq: 07 Nov 2024 16:07

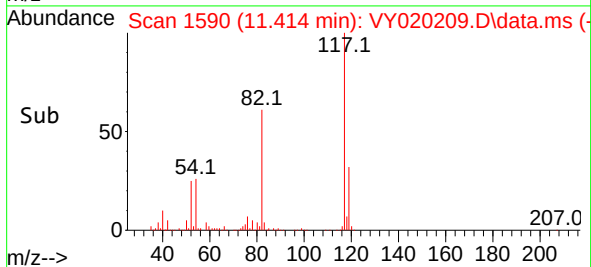
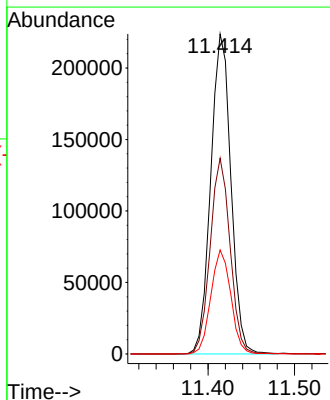
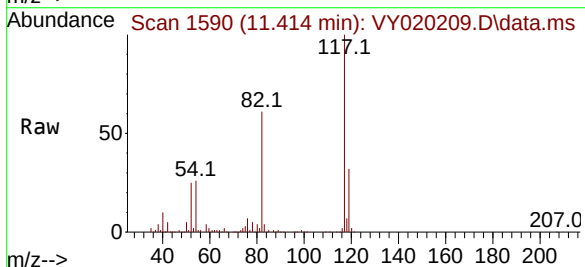
Instrument :
MSVOA_Y
ClientSampleId :

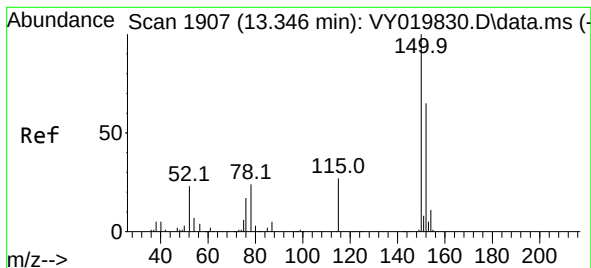
Tgt Ion: 95 Resp: 153248
Ion Ratio Lower Upper
95 100
174 72.7 0.0 175.6
176 69.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020209.D
Acq: 07 Nov 2024 16:07

Tgt Ion: 117 Resp: 362163
Ion Ratio Lower Upper
117 100
82 61.1 42.4 63.6
119 32.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

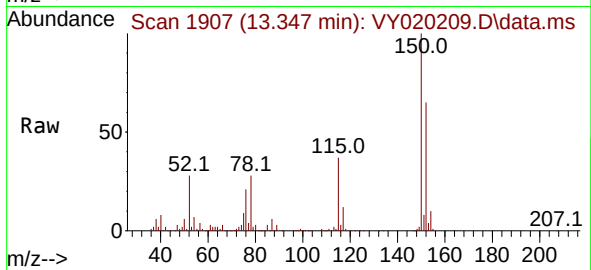
Lab File: VY020209.D

Acq: 07 Nov 2024 16:07

Instrument :

MSVOA_Y

ClientSampleId :



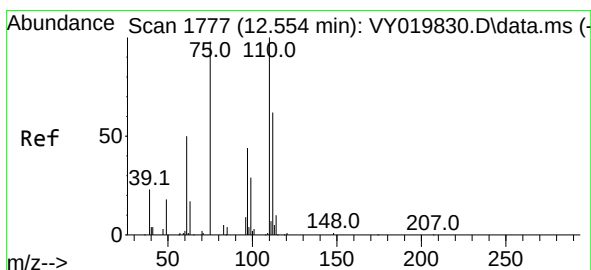
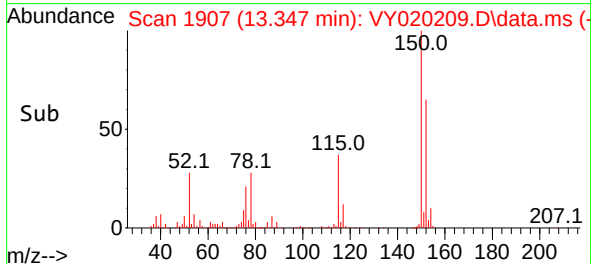
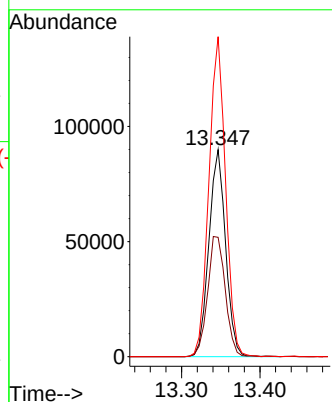
Tgt Ion:152 Resp: 133281

Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 153.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 71.986 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020209.D

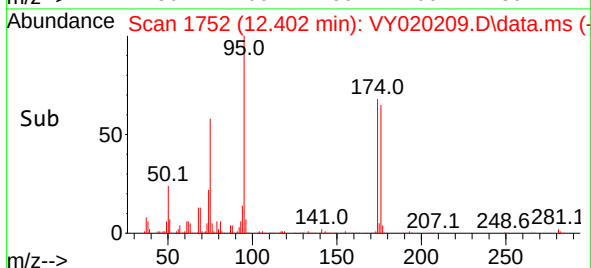
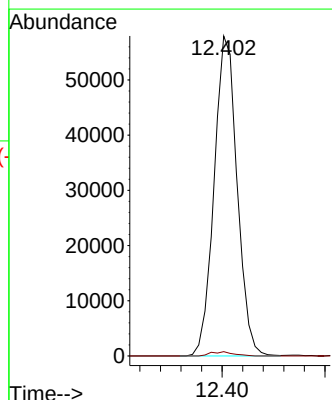
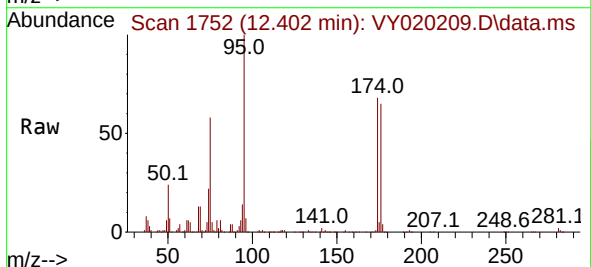
Acq: 07 Nov 2024 16:07

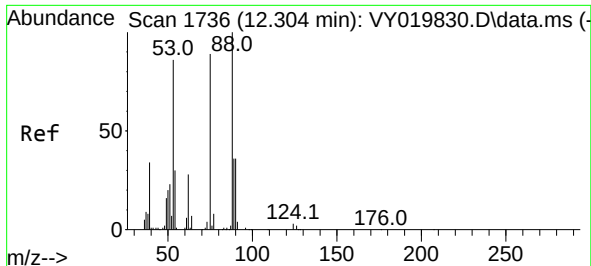
Tgt Ion: 75 Resp: 89937

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

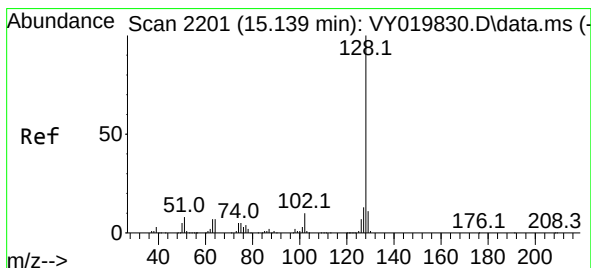
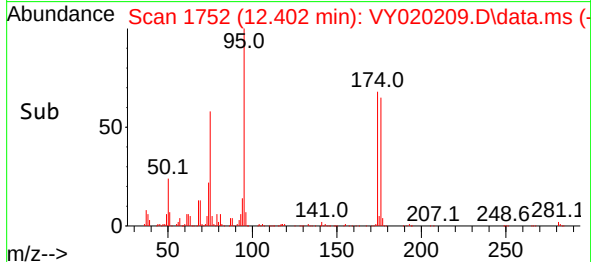
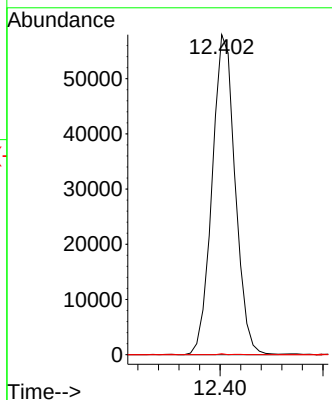
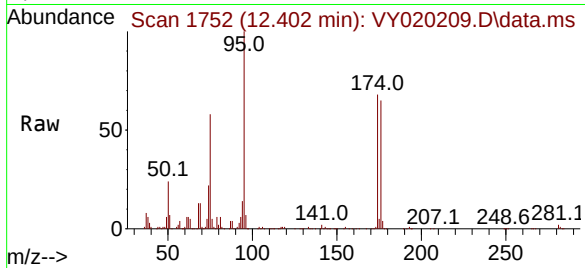




#81
trans-1,4-Dichloro-2-butene
Concen: 154.839 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020209.D
Acq: 07 Nov 2024 16:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	75	Resp:	89937
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#



#95
Naphthalene
Concen: 1.782 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY020209.D
Acq: 07 Nov 2024 16:07

Tgt Ion:	128	Resp:	6803
Ion	Ratio	Lower	Upper
128	100		
127	16.7	10.6	16.0#
129	12.6	8.6	13.0

