

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020151.D
 Acq On : 04 Nov 2024 18:30
 Operator : SY/MD
 Sample : P4693-07
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:36:34 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)

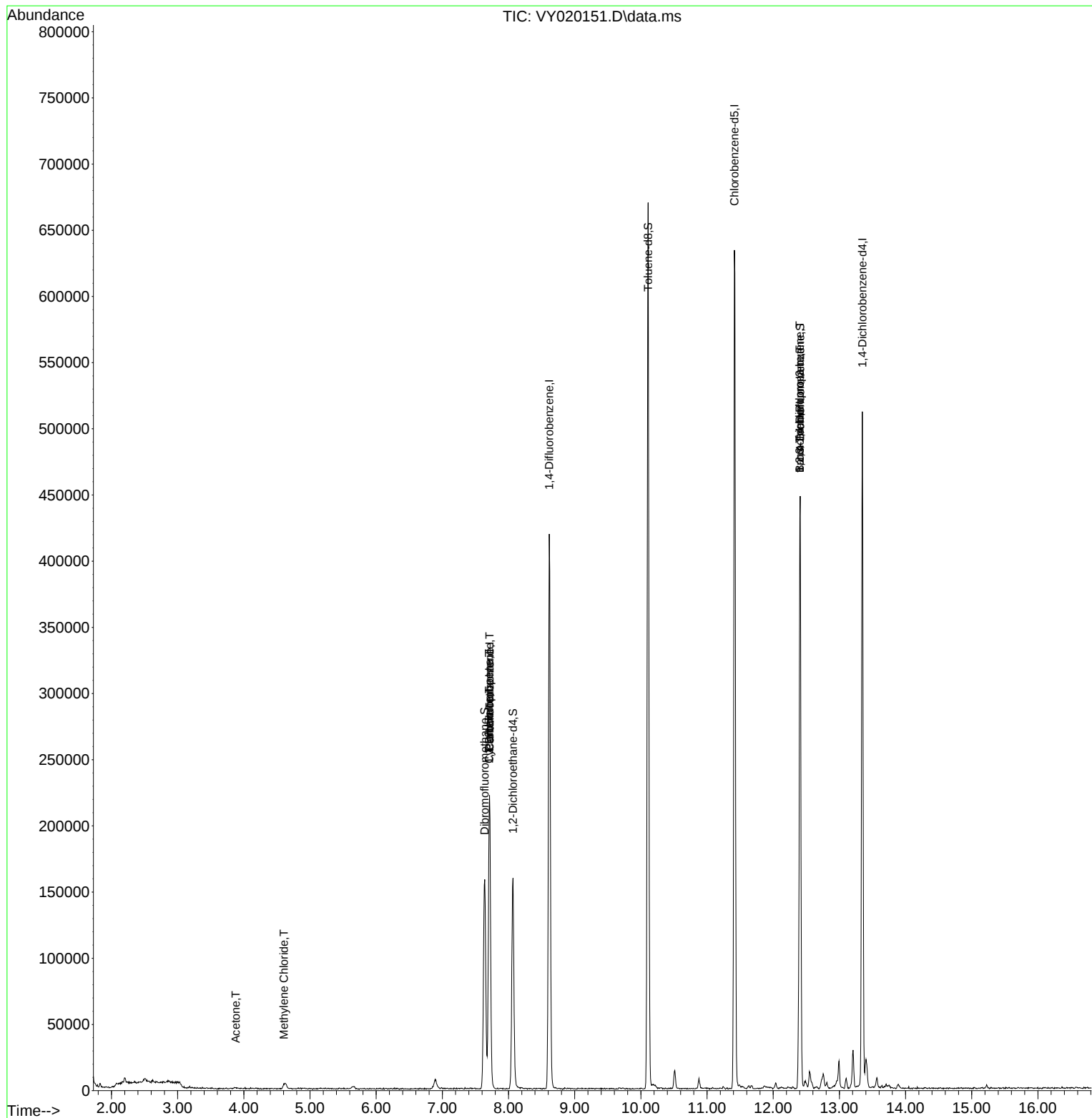
Internal Standards						
1) Pentafluorobenzene	7.713	168	154165	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	326420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	310246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	112462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	123409	64.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.280%	
35) Dibromofluoromethane	7.640	113	110643	53.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.620%	
50) Toluene-d8	10.109	98	413424	50.046	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.408	95	130189	48.519	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.040%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	1735	3.877	ug/l	# 36
20) Methylene Chloride	4.604	84	3073	1.529	ug/l	# 90
31) Cyclohexane	7.707	56	4679	1.340	ug/l	# 56
36) 1,1-Dichloropropene	7.707	75	15367	4.793	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	18312	5.680	ug/l	# 17
71) Bromoform	12.402	173	1123	1.036	ug/l	# 27
76) 1,2,3-Trichloropropane	12.402	75	75347	71.472	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	75347	153.734	ug/l	# 16

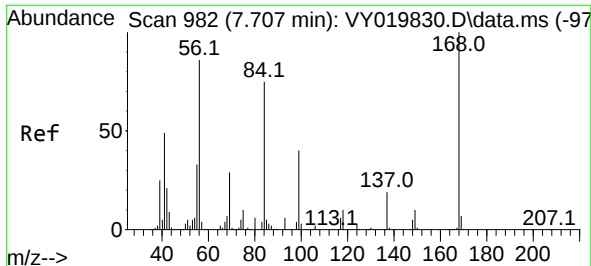
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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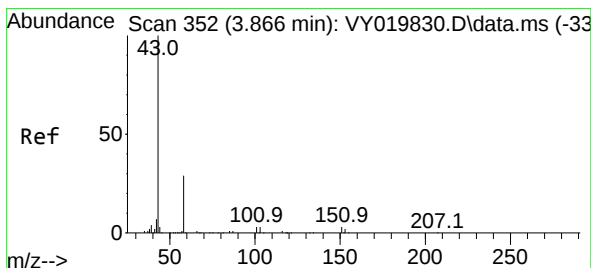
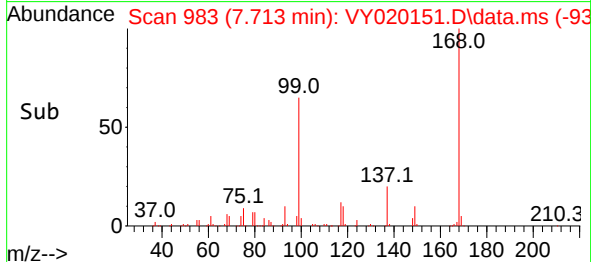
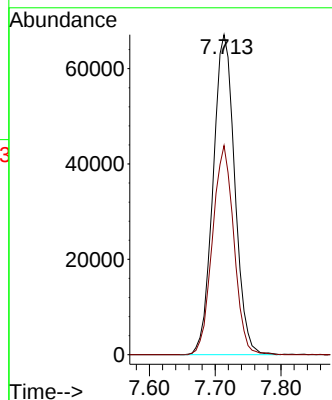
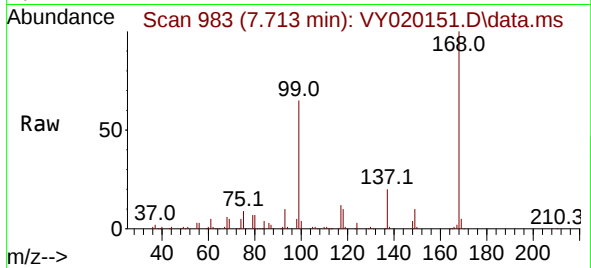




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020151.D
Acq: 04 Nov 2024 18:30

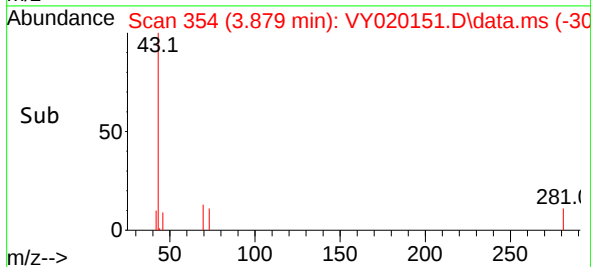
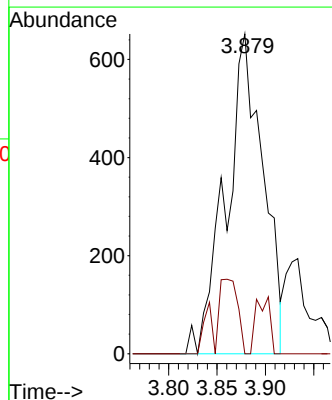
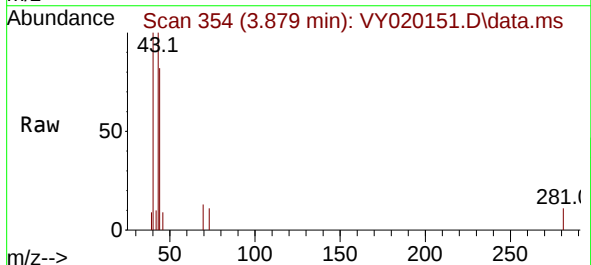
Instrument :
MSVOA_Y
ClientSampleId :

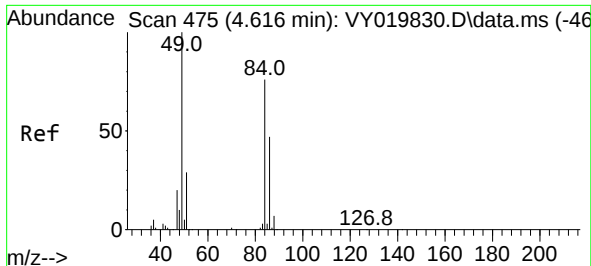
Tgt Ion:168 Resp: 154165
Ion Ratio Lower Upper
168 100
99 65.3 39.1 58.7#



#16
Acetone
Concen: 3.877 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020151.D
Acq: 04 Nov 2024 18:30

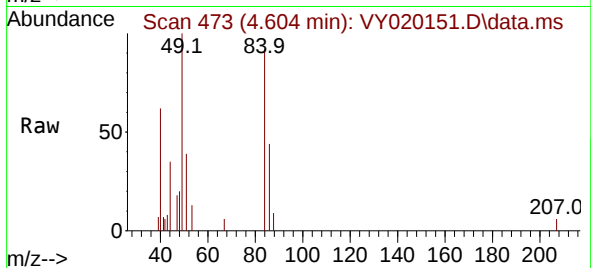
Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



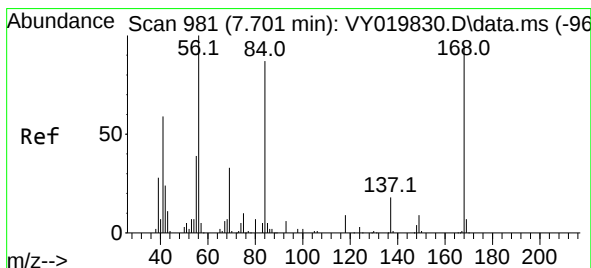
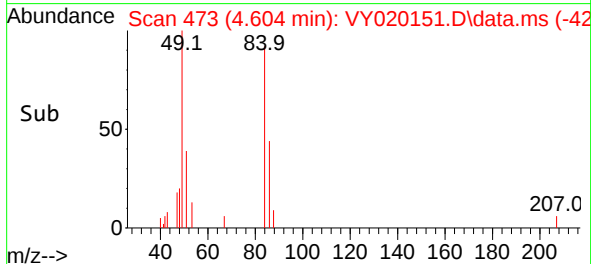
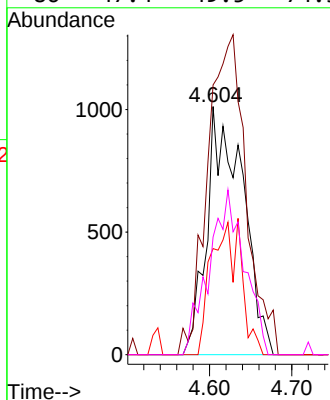


#20
Methylene Chloride
Concen: 1.529 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY020151.D
Acq: 04 Nov 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :

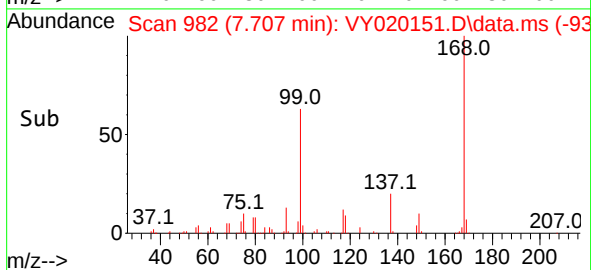
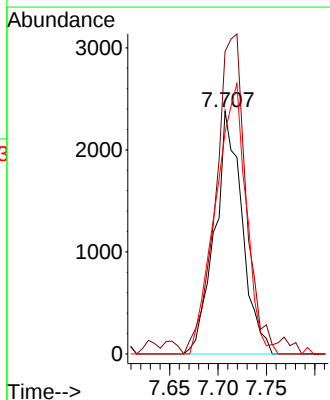
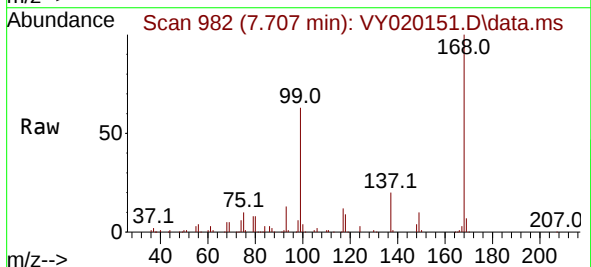


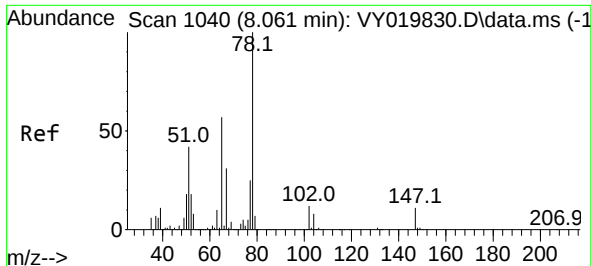
Tgt Ion:	84	Resp:	3073
Ion	Ratio	Lower	Upper
84	100		
49	108.7	84.4	126.6
51	42.8	26.0	39.0#
86	47.4	49.5	74.3#



#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020151.D
Acq: 04 Nov 2024 18:30

Tgt Ion:	56	Resp:	4679
Ion	Ratio	Lower	Upper
56	100		
69	121.4	28.7	43.1#
84	91.3	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 64.139 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020151.D

Acq: 04 Nov 2024 18:30

Instrument :

MSVOA_Y

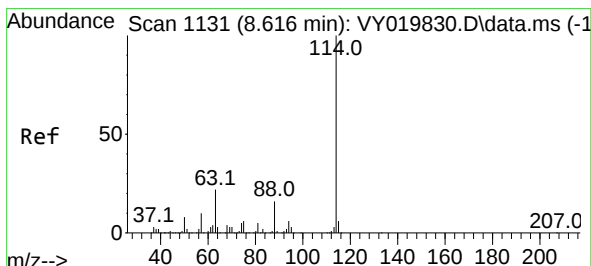
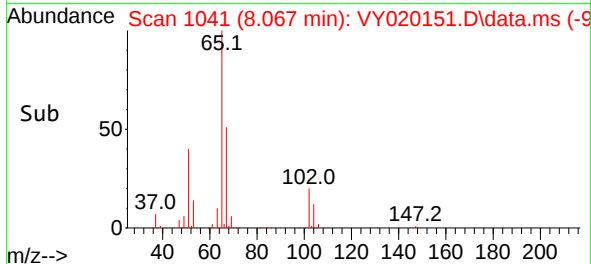
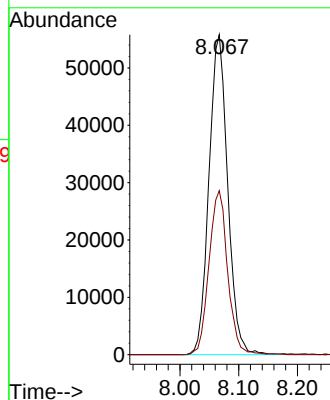
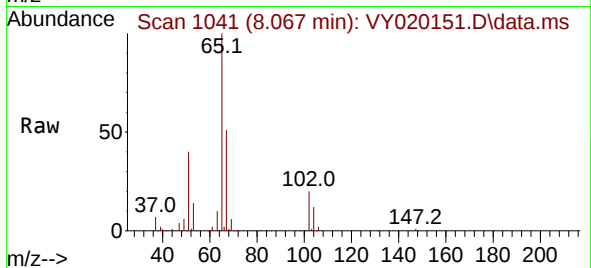
ClientSampleId :

Tgt Ion: 65 Resp: 123409

Ion Ratio Lower Upper

65 100

67 51.2 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: VY020151.D

Acq: 04 Nov 2024 18:30

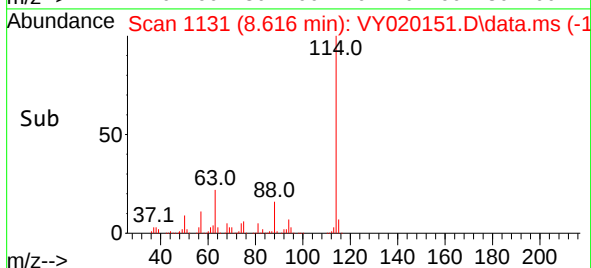
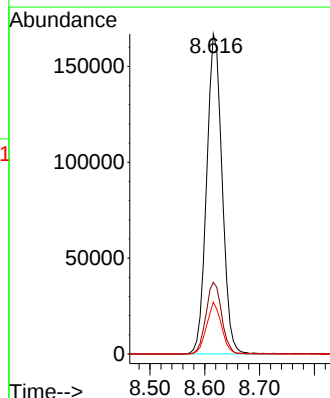
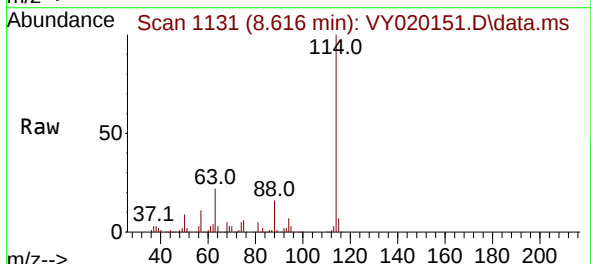
Tgt Ion: 114 Resp: 326420

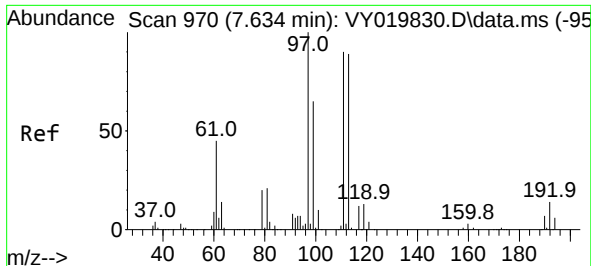
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

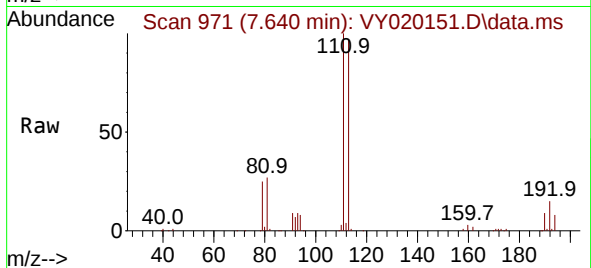
88 16.2 0.0 27.2



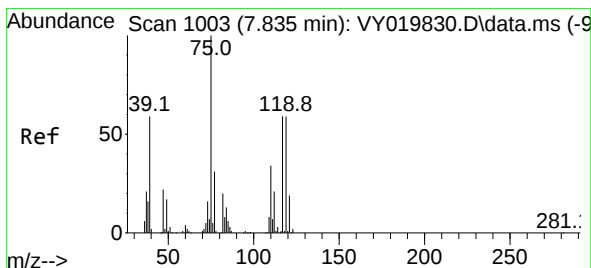
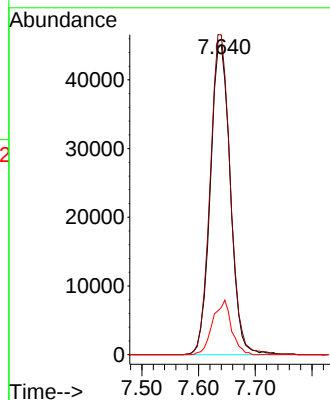
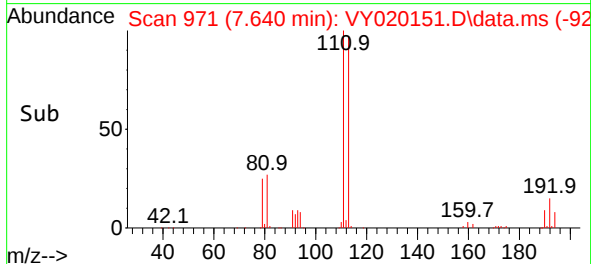


#35
Dibromofluoromethane
Concen: 53.313 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020151.D
Acq: 04 Nov 2024 18:30

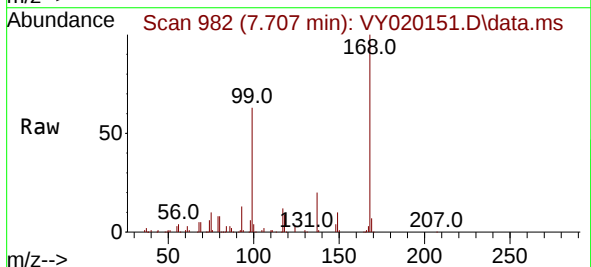
Instrument :
MSVOA_Y
ClientSampleId :



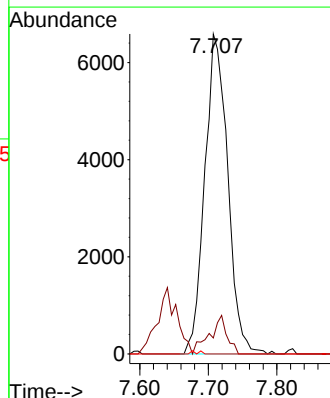
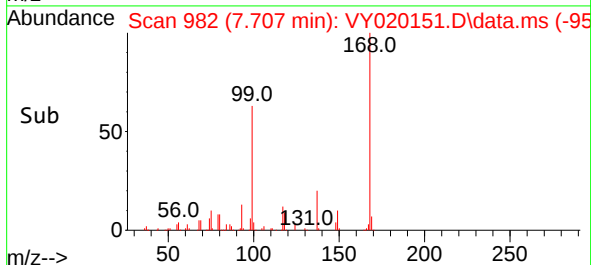
Tgt Ion:113 Resp: 110643
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 16.5 15.9 23.9

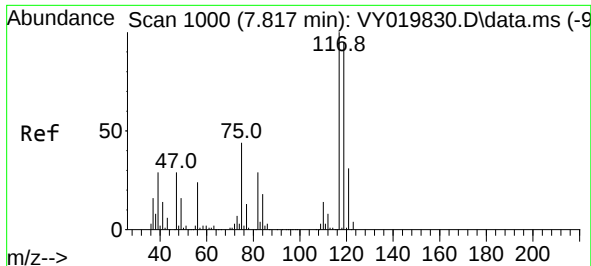


#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020151.D
Acq: 04 Nov 2024 18:30



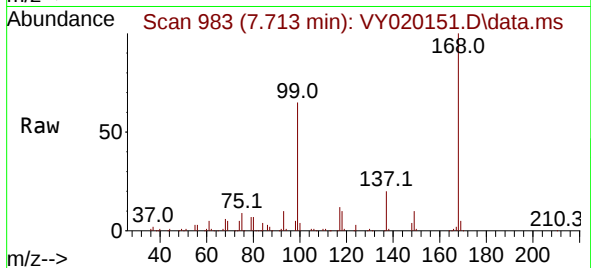
Tgt Ion: 75 Resp: 15367
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



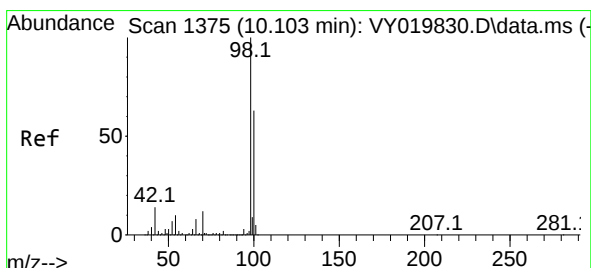
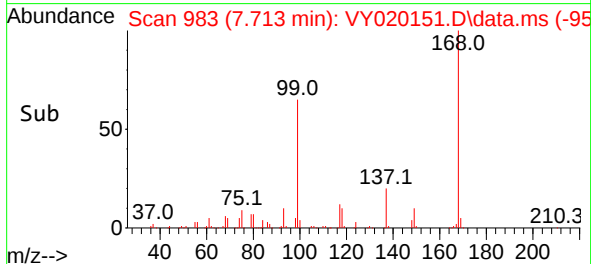
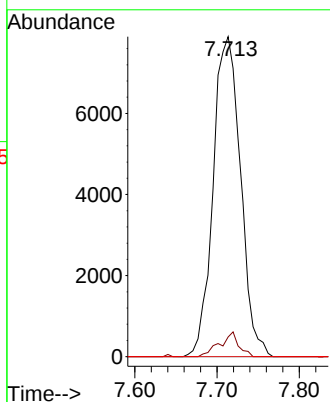


#38
Carbon Tetrachloride
Concen: 5.680 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020151.D
Acq: 04 Nov 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :

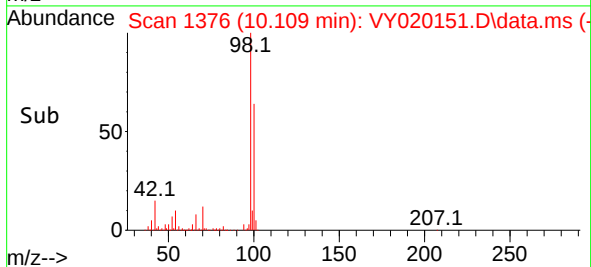
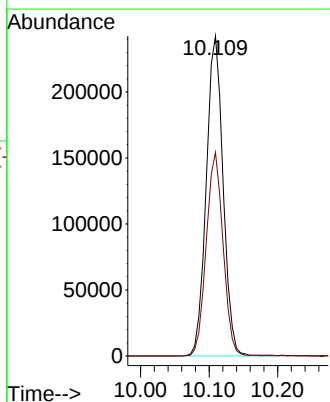
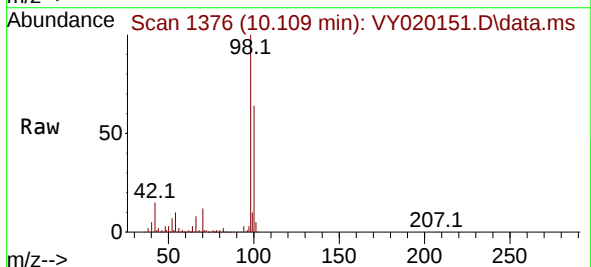


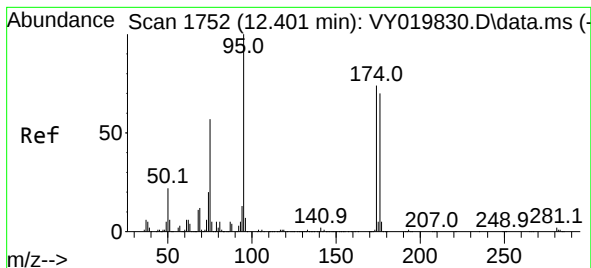
Tgt Ion:117 Resp: 18312
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.046 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020151.D
Acq: 04 Nov 2024 18:30

Tgt Ion: 98 Resp: 413424
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 48.519 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020151.D

Acq: 04 Nov 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

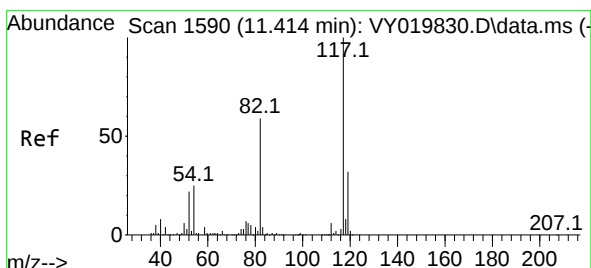
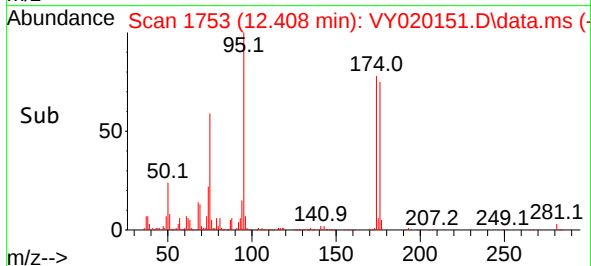
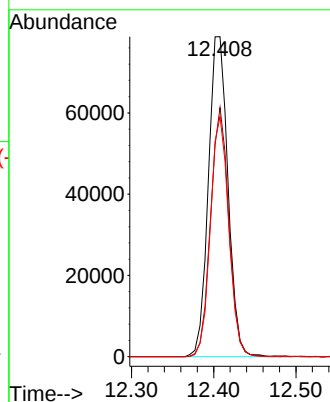
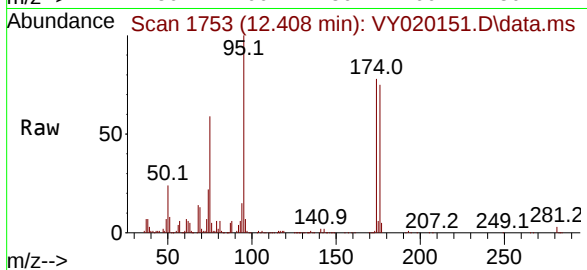
Tgt Ion: 95 Resp: 130189

Ion Ratio Lower Upper

95 100

174 72.6 0.0 175.6

176 70.1 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: VY020151.D

Acq: 04 Nov 2024 18:30

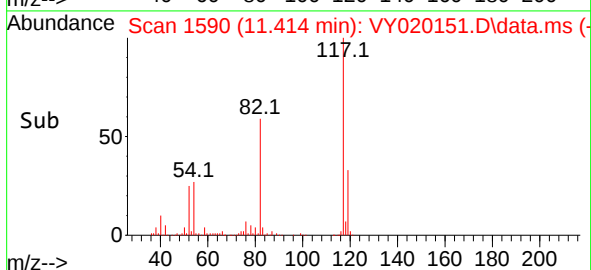
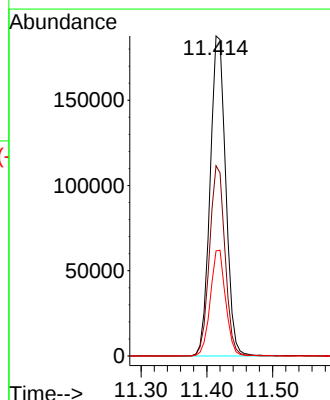
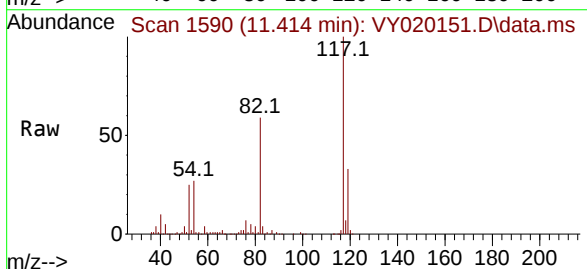
Tgt Ion: 117 Resp: 310246

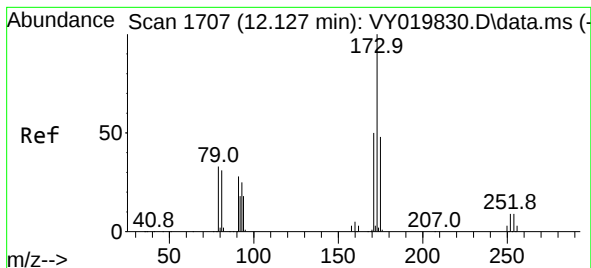
Ion Ratio Lower Upper

117 100

82 59.4 42.4 63.6

119 32.8 25.9 38.9





#71

Bromoform

Concen: 1.036 ug/l

RT: 12.402 min Scan# 11

Delta R.T. 0.269 min

Lab File: VY020151.D

Acq: 04 Nov 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :

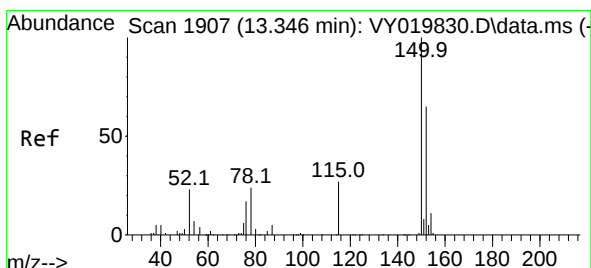
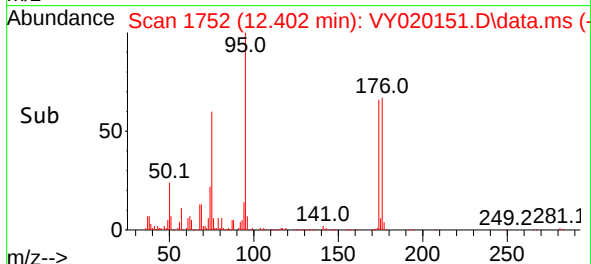
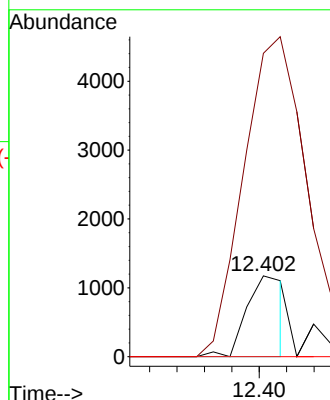
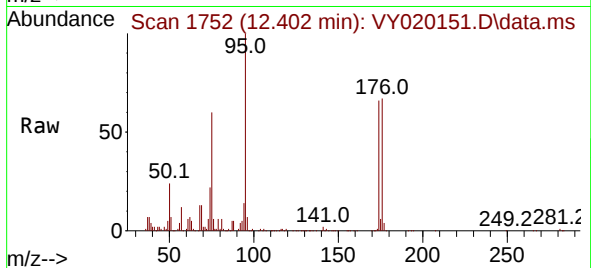
Tgt Ion:173 Resp: 1123

Ion Ratio Lower Upper

173 100

175 0.0 25.1 75.3#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020151.D

Acq: 04 Nov 2024 18:30

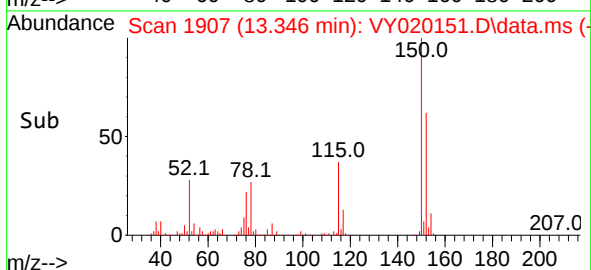
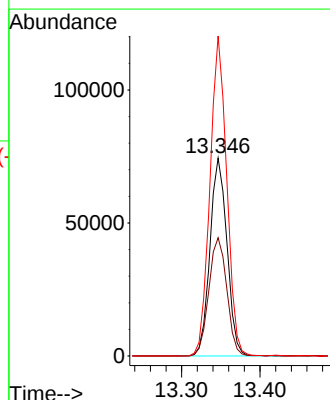
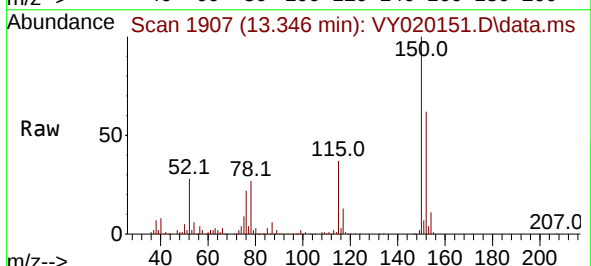
Tgt Ion:152 Resp: 112462

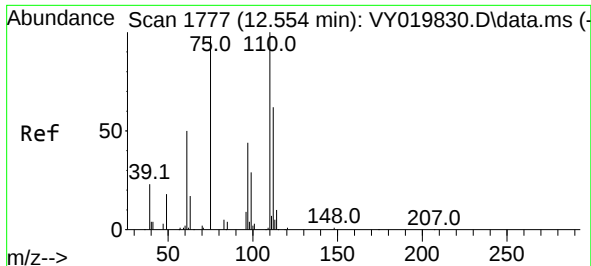
Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 158.9 0.0 345.6

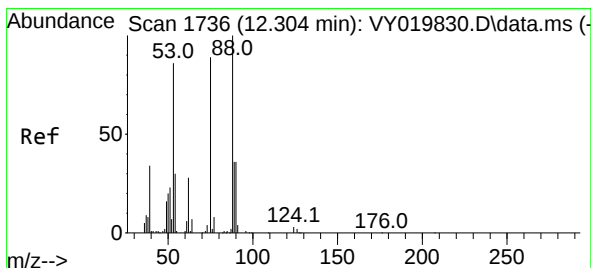
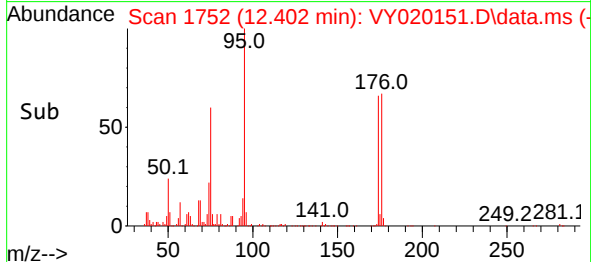
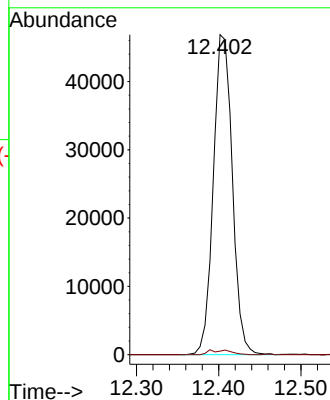
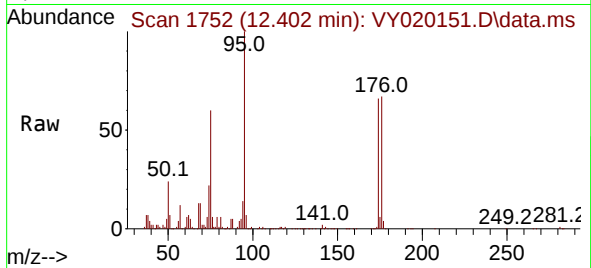




#76
1,2,3-Trichloropropane
Concen: 71.472 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020151.D
Acq: 04 Nov 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75347
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.734 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020151.D
Acq: 04 Nov 2024 18:30

Tgt Ion: 75 Resp: 75347
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

