

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020147.D
 Acq On : 04 Nov 2024 16:57
 Operator : SY/MD
 Sample : P4695-03
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:34:51 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)

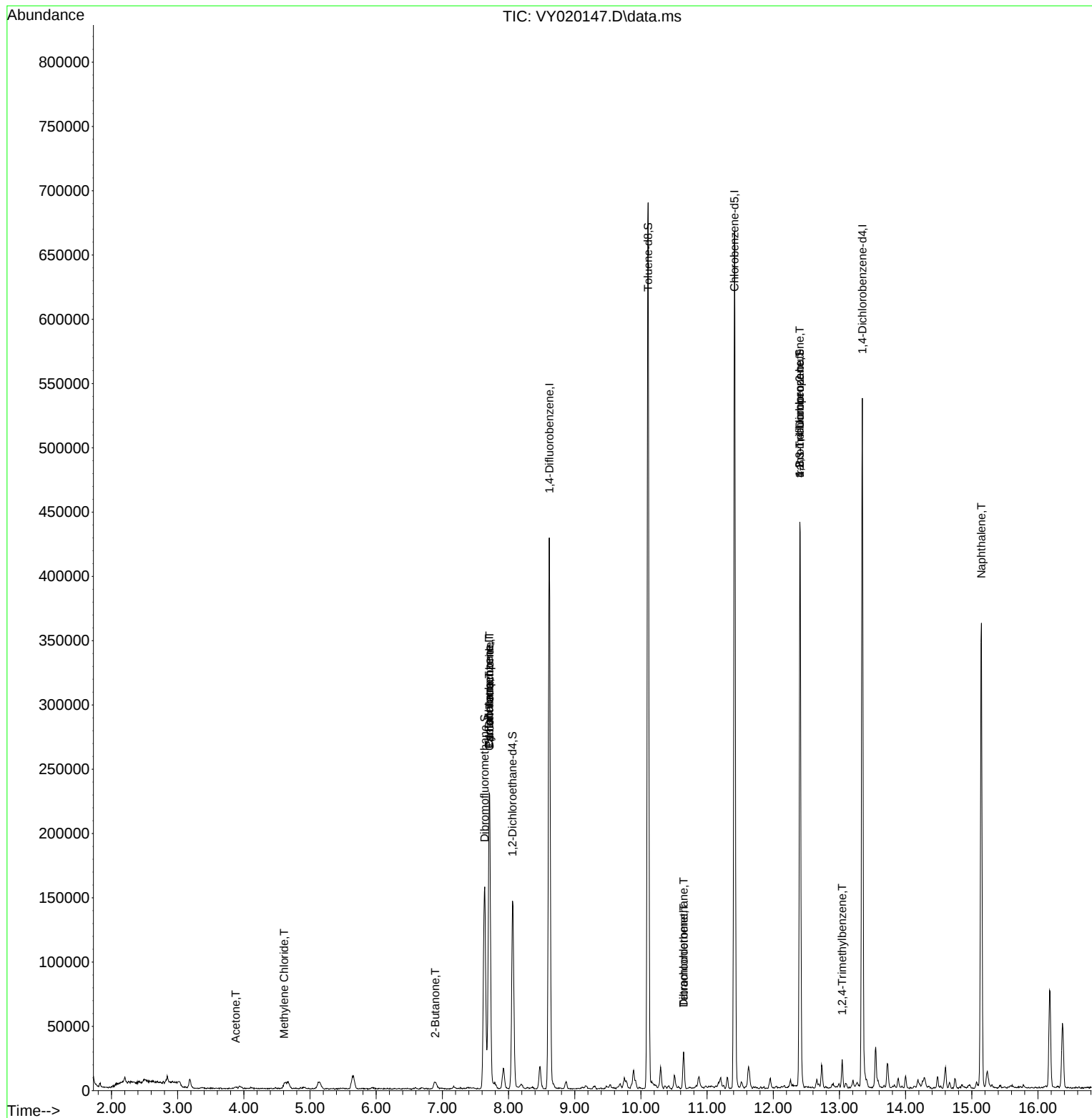
Internal Standards						
1) Pentafluorobenzene	7.707	168	158424	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	334512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	316294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	116862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112867	57.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.160%	
35) Dibromofluoromethane	7.640	113	112494	52.893	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.780%	
50) Toluene-d8	10.109	98	424955	50.197	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.400%	
62) 4-Bromofluorobenzene	12.402	95	128471	46.721	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	2608	5.672	ug/l	# 78
20) Methylene Chloride	4.610	84	2411	1.167	ug/l	# 75
25) 2-Butanone	6.890	43	765	1.227	ug/l	# 41
31) Cyclohexane	7.707	56	7057	1.967	ug/l	# 56
36) 1,1-Dichloropropene	7.707	75	16468	5.012	ug/l	# 46
38) Carbon Tetrachloride	7.713	117	18593	5.628	ug/l	# 18
60) Dibromochloromethane	10.646	129	4670	2.370	ug/l	# 10
64) Tetrachloroethene	10.646	164	5182	2.481	ug/l	# 82
76) 1,2,3-Trichloropropane	12.402	75	75986	69.365	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	75986	149.201	ug/l	# 16
84) 1,2,4-Trimethylbenzene	13.042	105	9713	1.308	ug/l	99
95) Naphthalene	15.145	128	268593	80.230	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

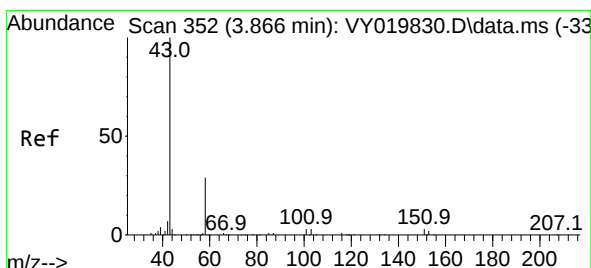
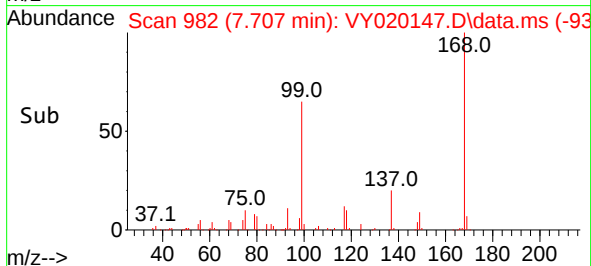
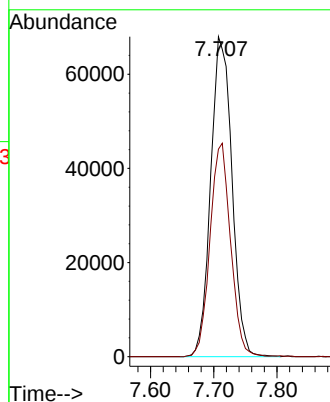
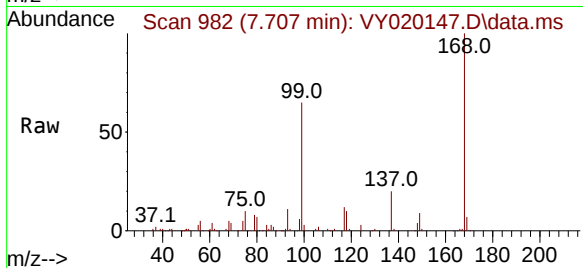




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

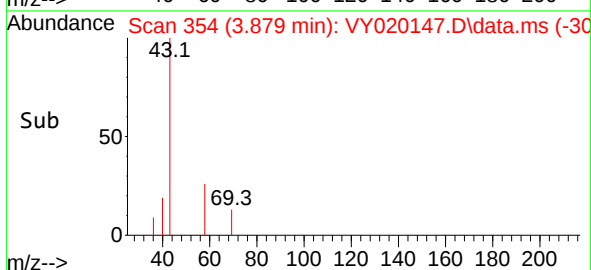
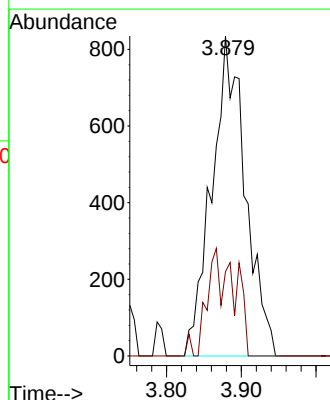
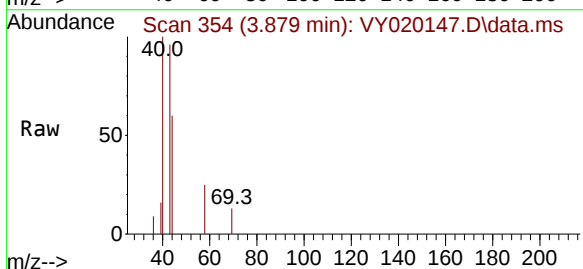
Instrument :
MSVOA_Y
ClientSampleId :

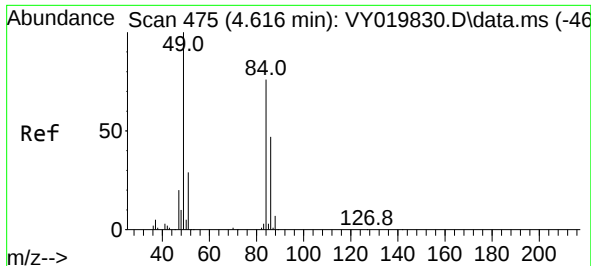
Tgt Ion:168 Resp: 158424
Ion Ratio Lower Upper
168 100
99 64.9 39.1 58.7#



#16
Acetone
Concen: 5.672 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

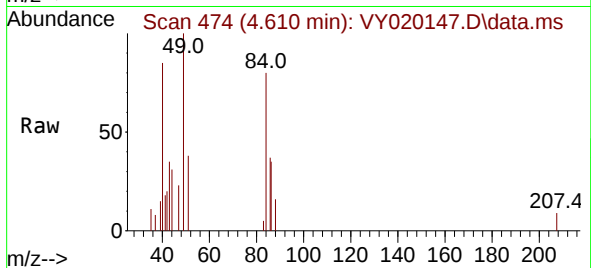
Tgt Ion: 43 Resp: 2608
Ion Ratio Lower Upper
43 100
58 26.3 31.7 47.5#



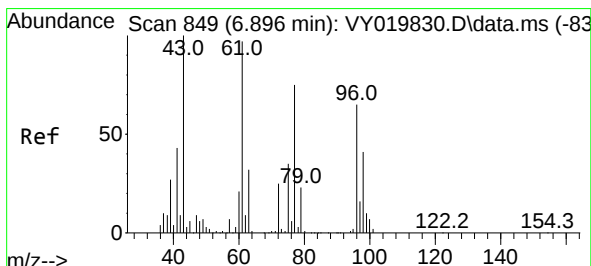
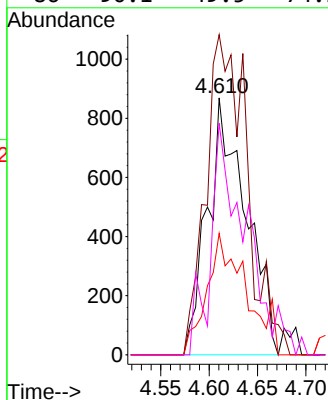
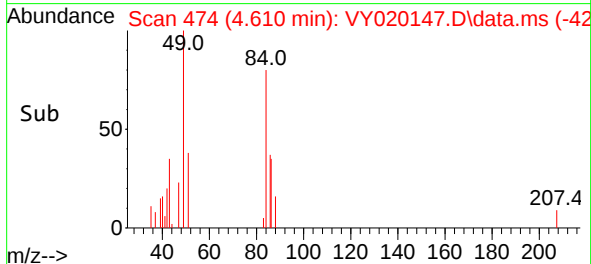


#20
Methylene Chloride
Concen: 1.167 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

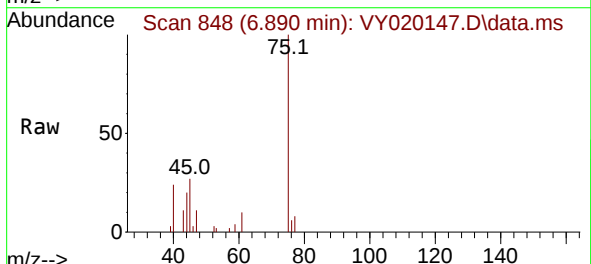
Instrument :
MSVOA_Y
ClientSampleId :



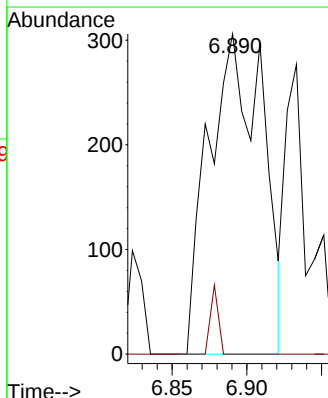
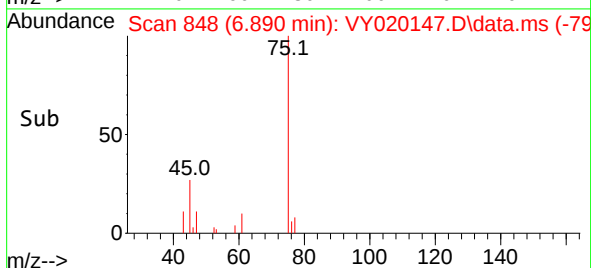
Tgt Ion: 84 Resp: 2411
Ion Ratio Lower Upper
84 100
49 124.6 84.4 126.6
51 47.3 26.0 39.0#
86 90.1 49.5 74.3#

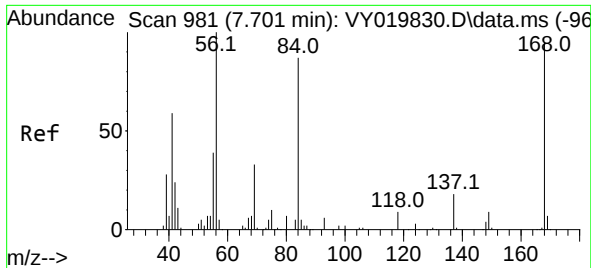


#25
2-Butanone
Concen: 1.227 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57



Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

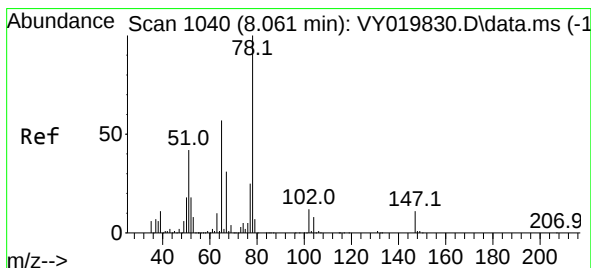
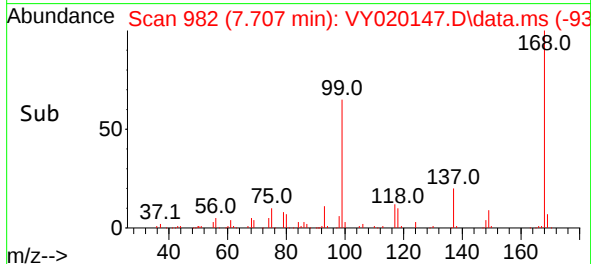
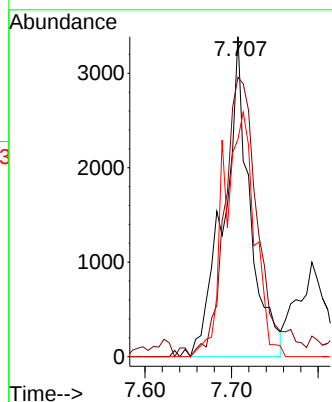
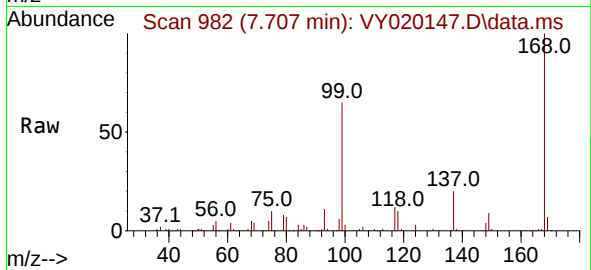




#31
Cyclohexane
Concen: 1.967 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

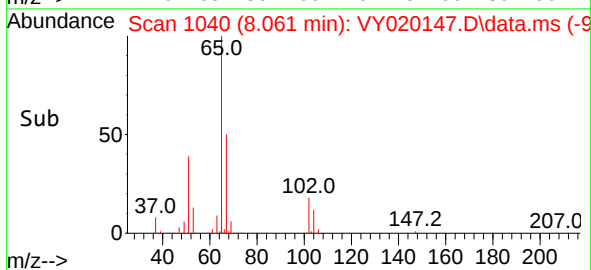
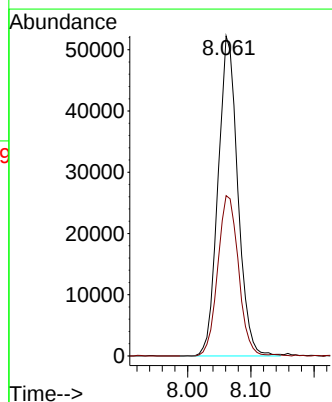
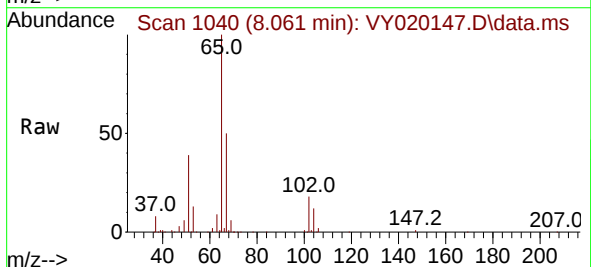
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 7057
Ion Ratio Lower Upper
56 100
69 84.6 28.7 43.1#
84 68.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.083 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

Tgt Ion: 65 Resp: 112867
Ion Ratio Lower Upper
65 100
67 52.5 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: VY020147.D

Acq: 04 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

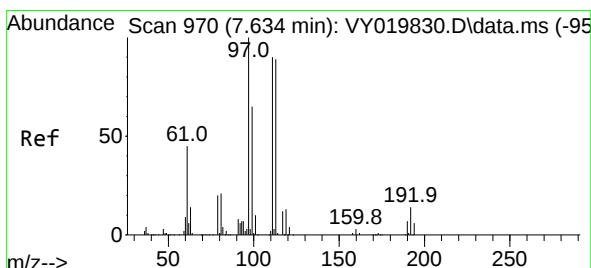
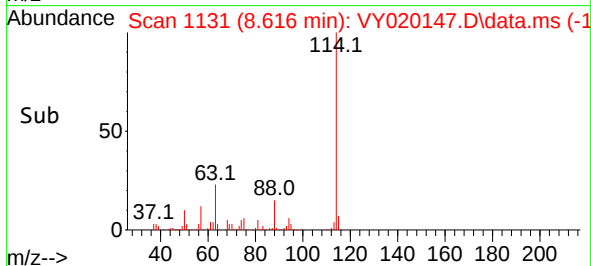
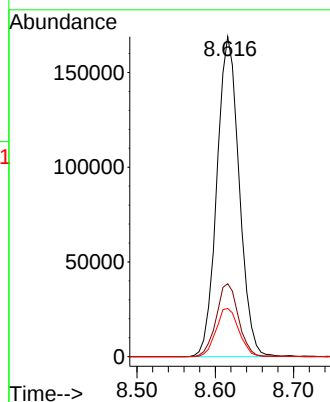
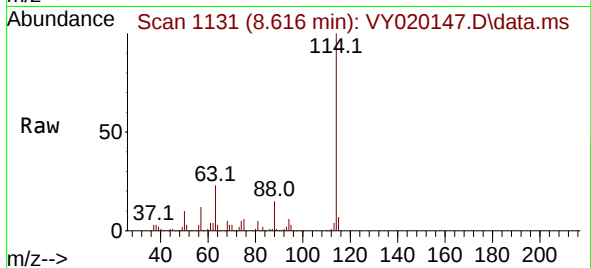
Tgt Ion:114 Resp: 334512

Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.893 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.007 min

Lab File: VY020147.D

Acq: 04 Nov 2024 16:57

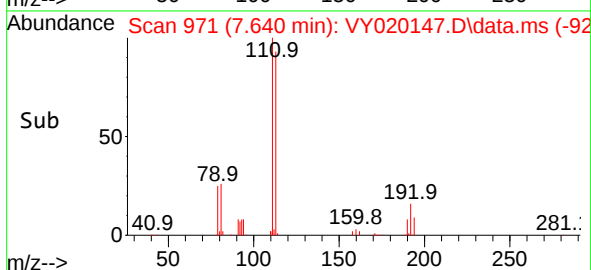
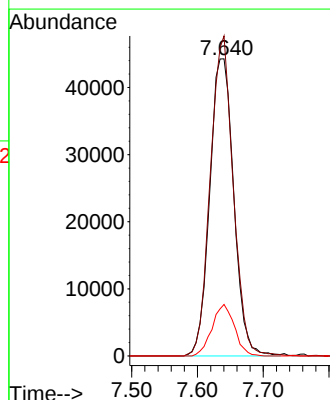
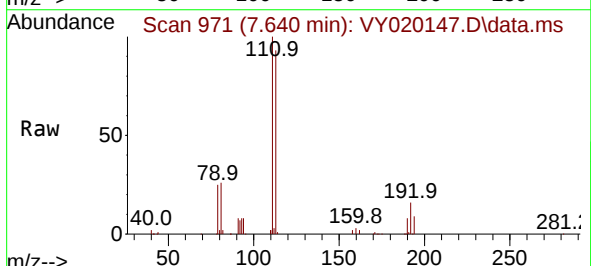
Tgt Ion:113 Resp: 112494

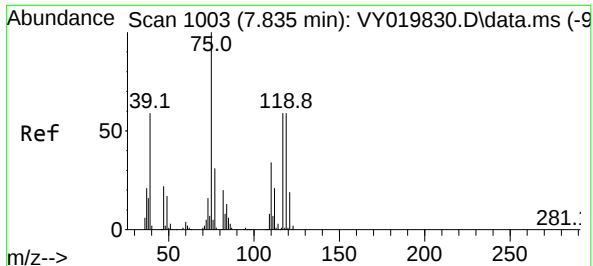
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 16.2 15.9 23.9

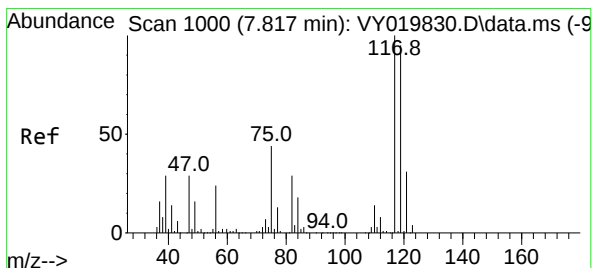
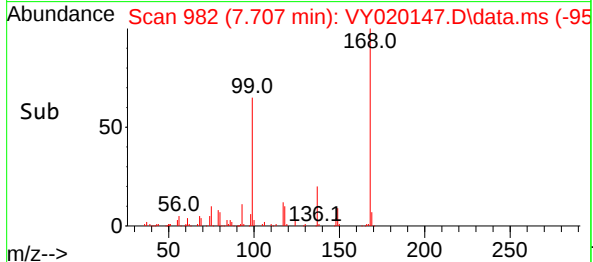
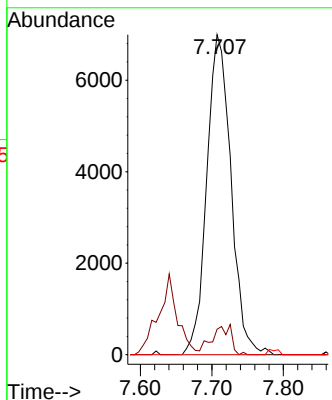
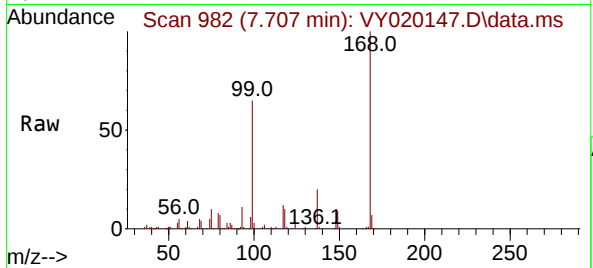




#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

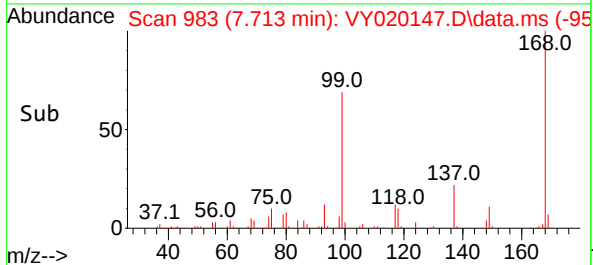
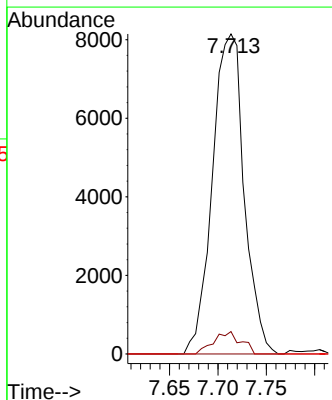
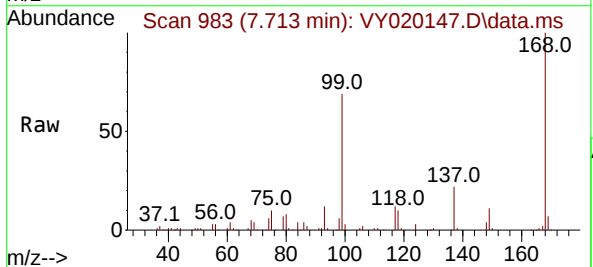
Instrument :
MSVOA_Y
ClientSampleId :

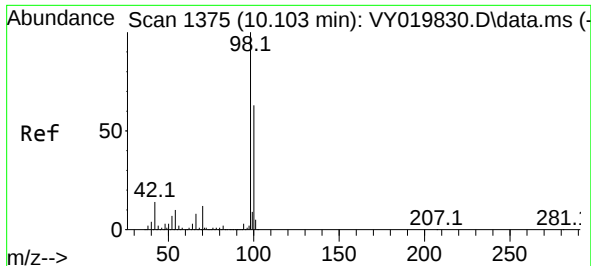
Tgt Ion: 75 Resp: 16468
Ion Ratio Lower Upper
75 100
110 7.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.628 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.103 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

Tgt Ion: 117 Resp: 18593
Ion Ratio Lower Upper
117 100
119 7.0 75.8 113.6#
121 0.0 24.0 36.0#

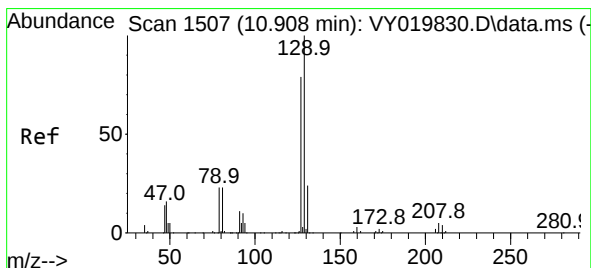
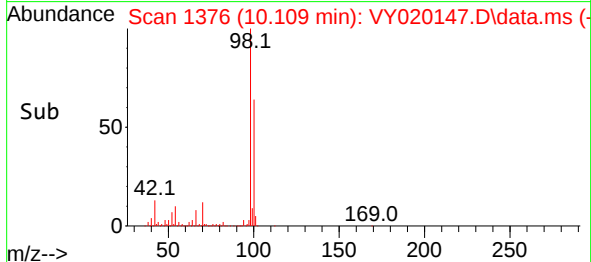
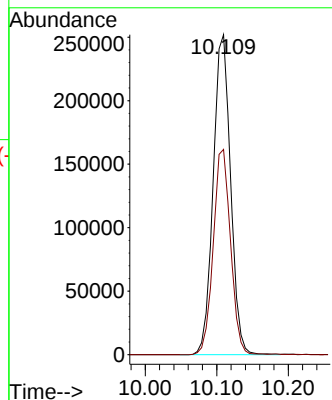
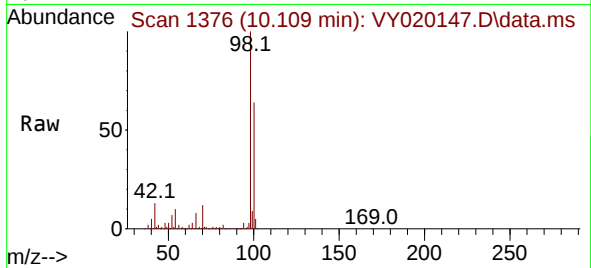




#50
Toluene-d8
Concen: 50.197 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

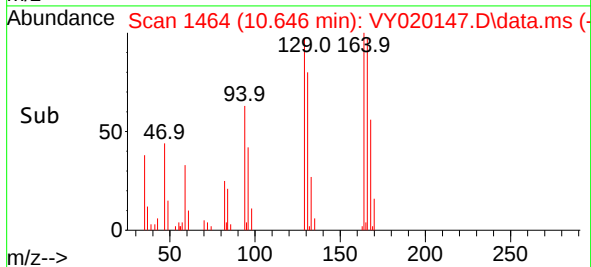
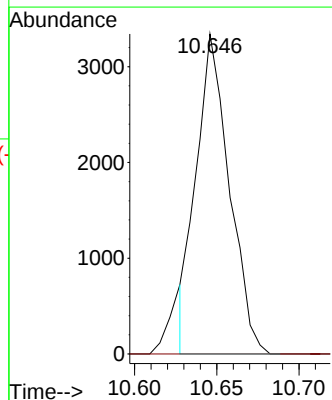
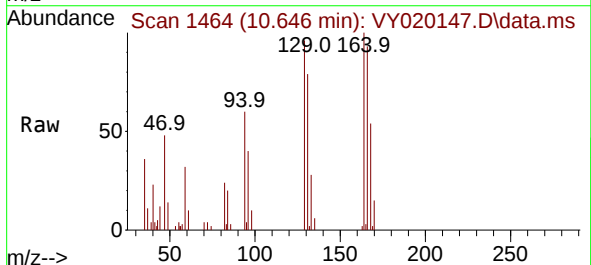
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 424955
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#60
Dibromochloromethane
Concen: 2.370 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.268 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

Tgt Ion: 129 Resp: 4670
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

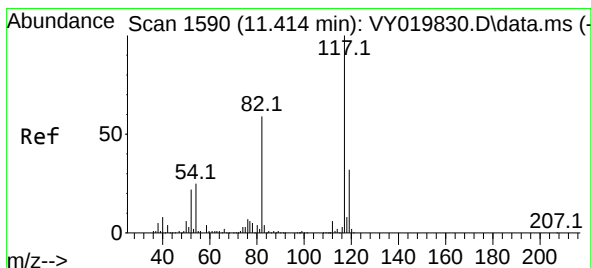
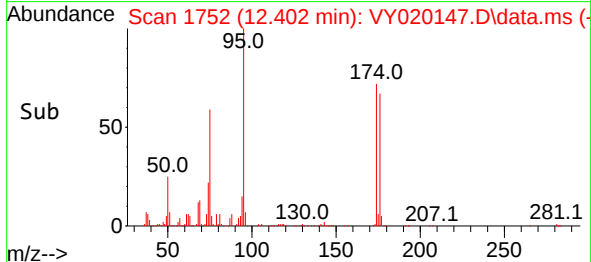
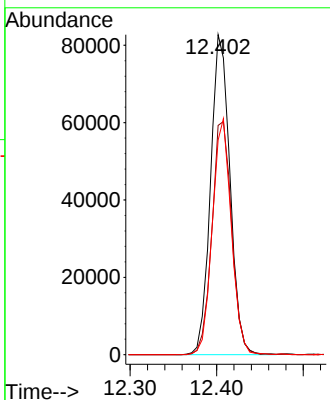
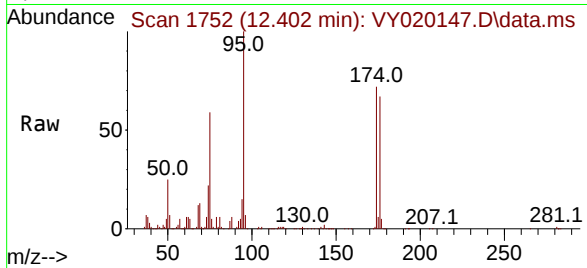




#62
4-Bromofluorobenzene
Concen: 46.721 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

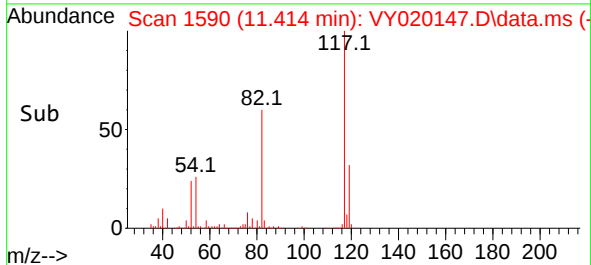
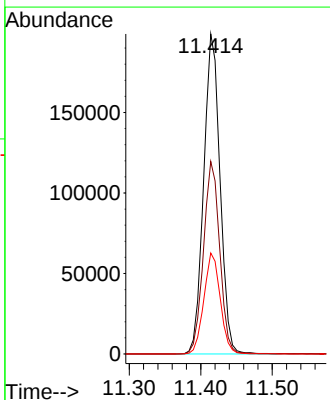
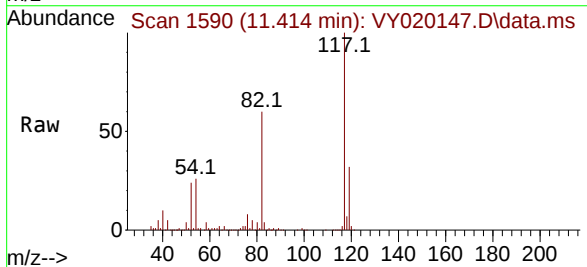
Instrument :
MSVOA_Y
ClientSampleId :

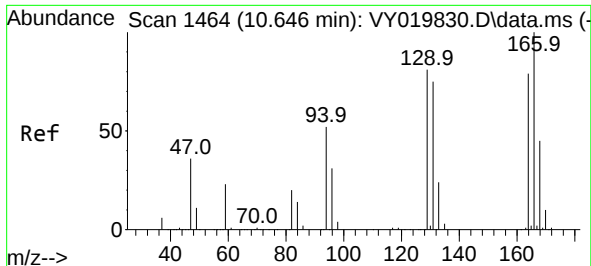
Tgt Ion: 95 Resp: 128471
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 72.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

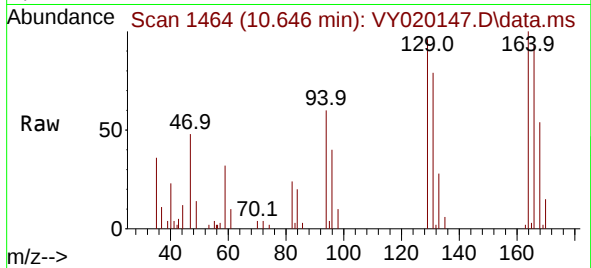
Tgt Ion: 117 Resp: 316294
Ion Ratio Lower Upper
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82 60.2 42.4 63.6
119 31.6 25.9 38.9



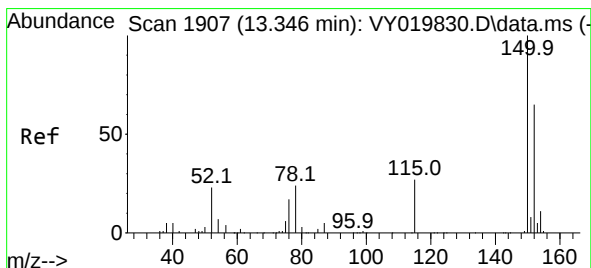
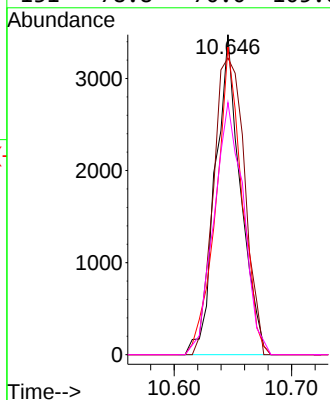
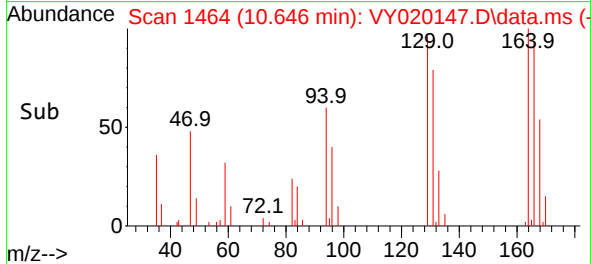


#64
Tetrachloroethene
Concen: 2.481 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

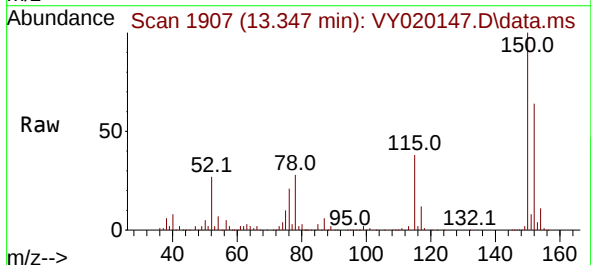
Instrument :
MSVOA_Y
ClientSampleId :



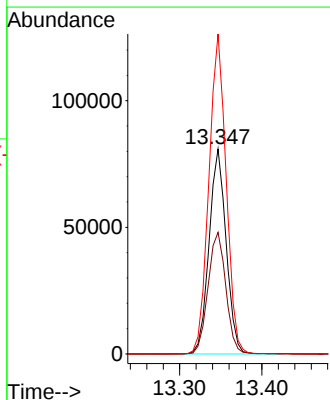
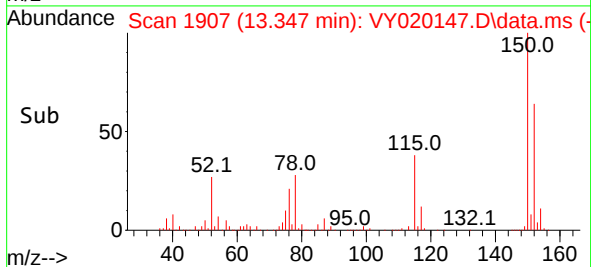
Tgt Ion:164 Resp: 5182
Ion Ratio Lower Upper
164 100
166 92.7 102.6 154.0#
129 96.1 72.0 108.0
131 78.8 70.0 105.0

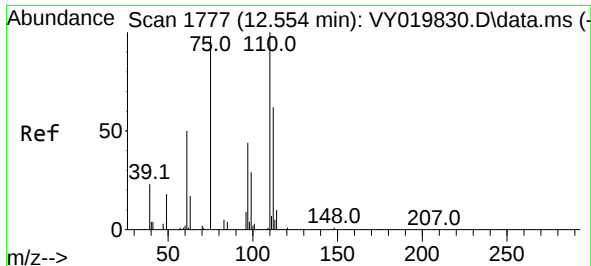


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57



Tgt Ion:152 Resp: 116862
Ion Ratio Lower Upper
152 100
115 61.9 28.2 84.7
150 157.7 0.0 345.6

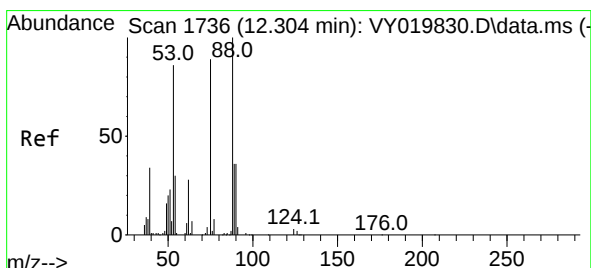
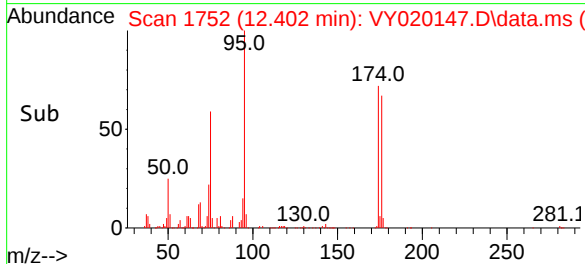
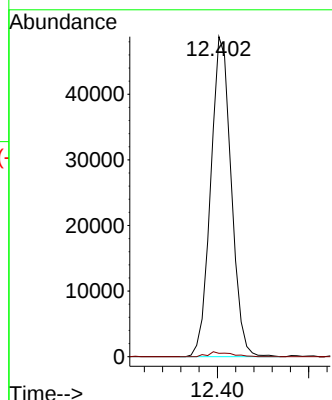
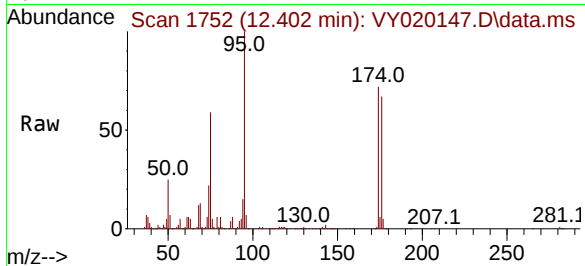




#76
1,2,3-Trichloropropane
Concen: 69.365 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

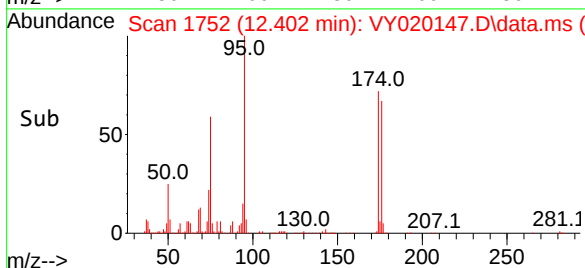
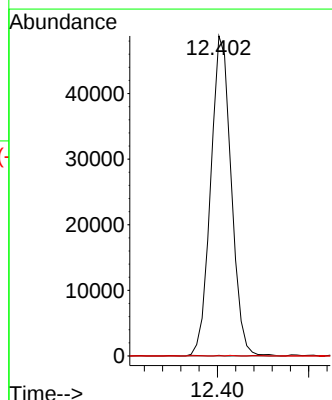
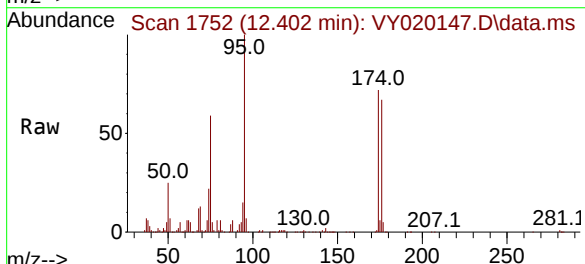
Instrument :
MSVOA_Y
ClientSampleId :

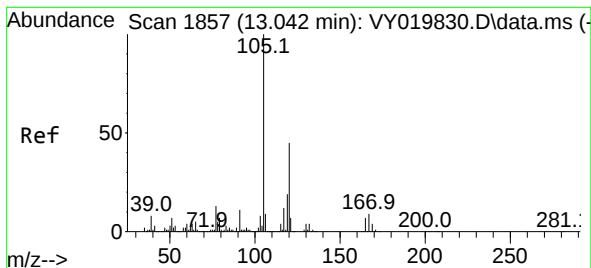
Tgt Ion: 75 Resp: 75986
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.201 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020147.D
Acq: 04 Nov 2024 16:57

Tgt Ion: 75 Resp: 75986
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#84

1,2,4-Trimethylbenzene

Concen: 1.308 ug/l

RT: 13.042 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020147.D

Acq: 04 Nov 2024 16:57

Instrument :

MSVOA_Y

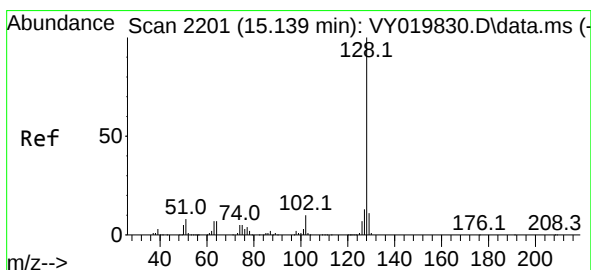
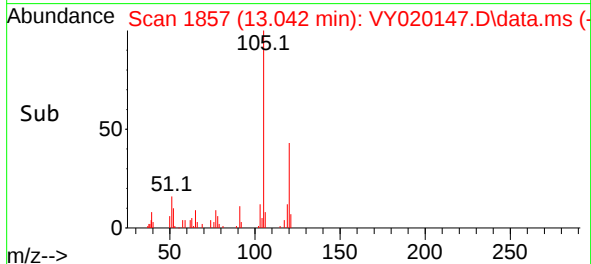
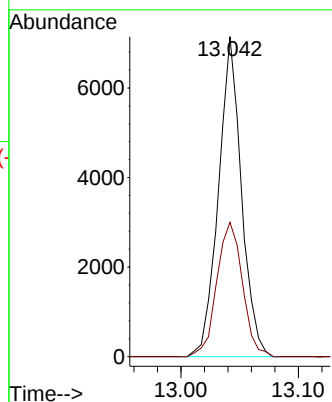
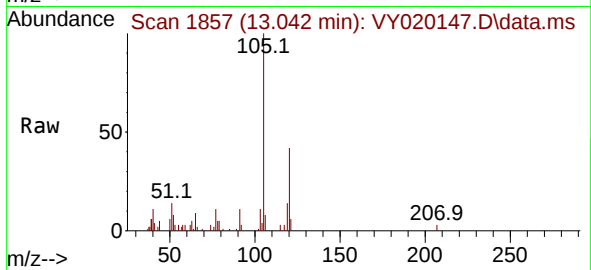
ClientSampleId :

Tgt Ion:105 Resp: 9713

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6



#95

Naphthalene

Concen: 80.230 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020147.D

Acq: 04 Nov 2024 16:57

Tgt Ion:128 Resp: 268593

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.8 8.6 13.0

