

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019906.D
 Acq On : 15 Oct 2024 16:11
 Operator : SY/MD
 Sample : P4401-01
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 16 02:52:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

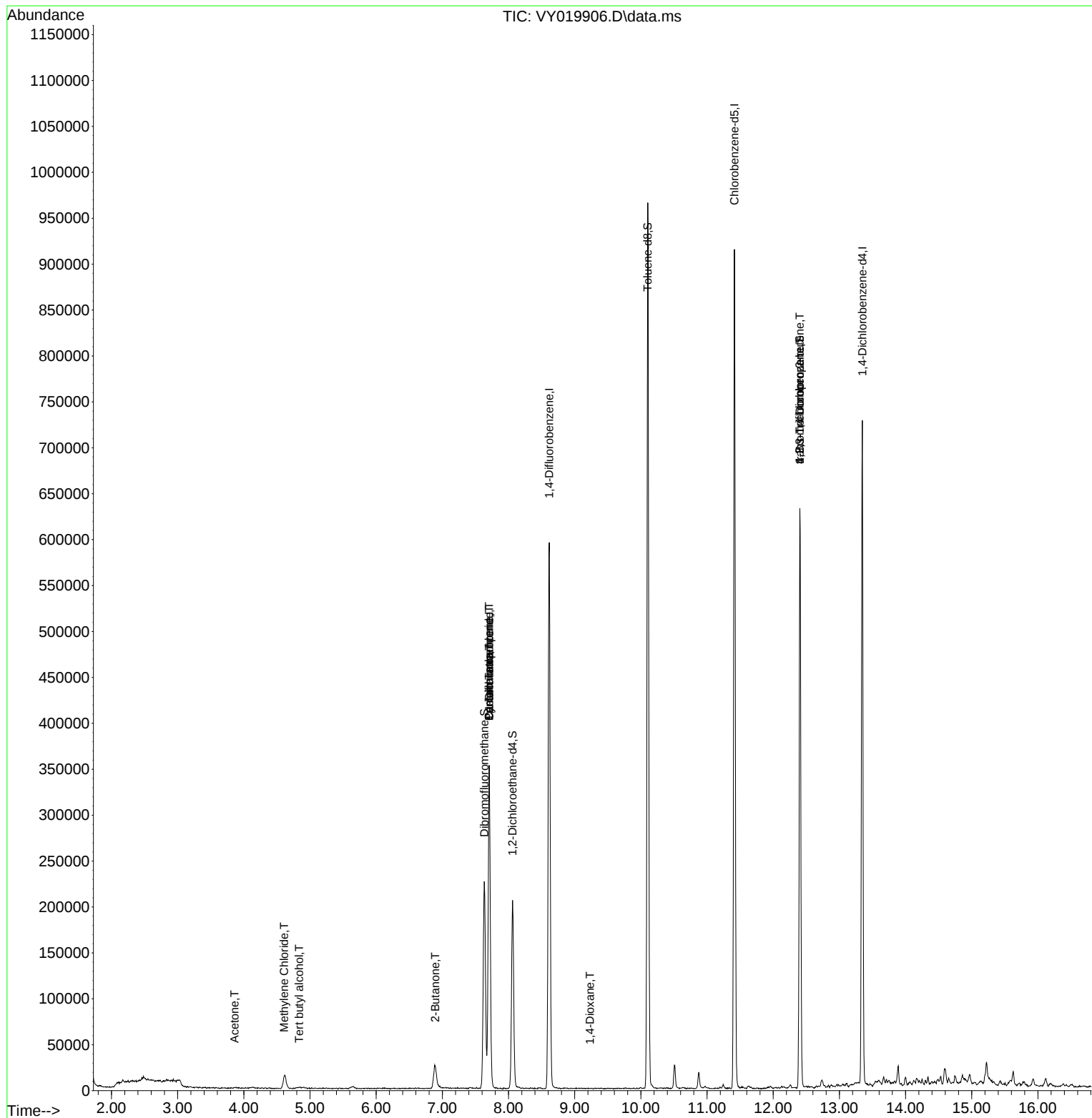
Internal Standards						
1) Pentafluorobenzene	7.707	168	237865	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	487261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	442795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	164259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	161486	55.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.280%	
35) Dibromofluoromethane	7.634	113	158747	49.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.740%	
50) Toluene-d8	10.103	98	599464	50.486	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.401	95	189064	44.067	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	1174	4.279	ug/l	# 95
16) Acetone	3.860	43	1774	2.327	ug/l	# 82
20) Methylene Chloride	4.610	84	9764	2.703	ug/l	# 84
25) 2-Butanone	6.890	43	2017	1.976	ug/l	91
31) Cyclohexane	7.707	56	7324	1.497	ug/l	# 46
36) 1,1-Dichloropropene	7.707	75	23937	5.167	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	26045	5.245	ug/l	# 16
49) 1,4-Dioxane	9.231	88	43	2.004	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	109324	33.975	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	109324	137.134	ug/l	# 16

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

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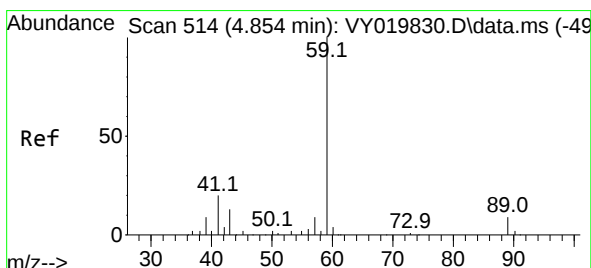
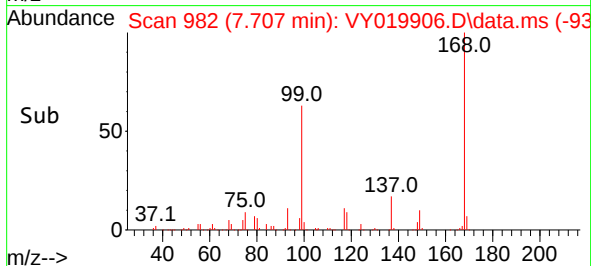
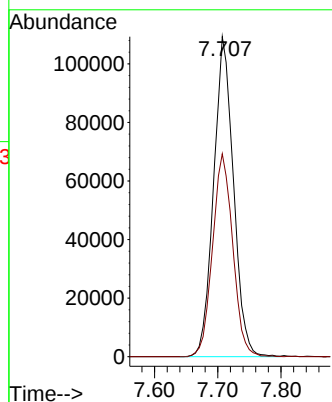
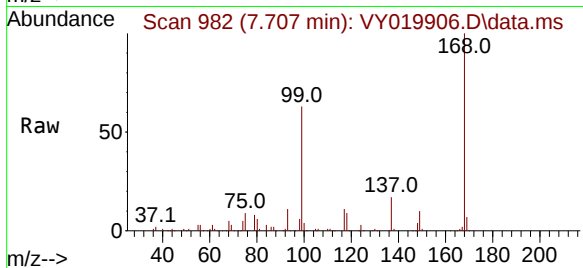




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

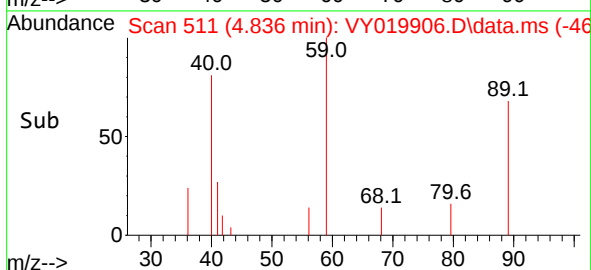
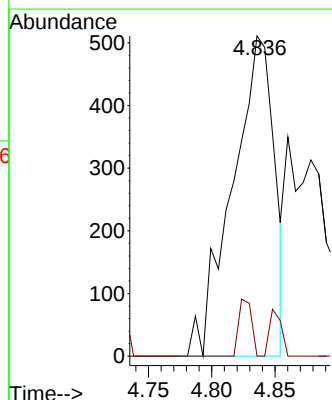
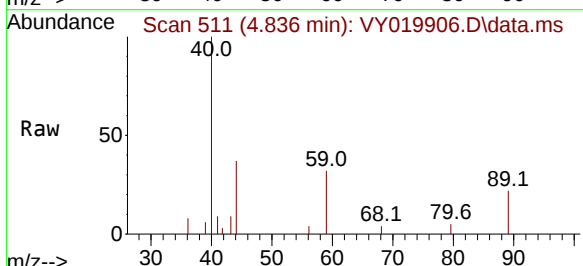
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 237865
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: 4.279 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

Tgt Ion: 59 Resp: 1174
Ion Ratio Lower Upper
59 100
57 5.5 3.0 4.6#

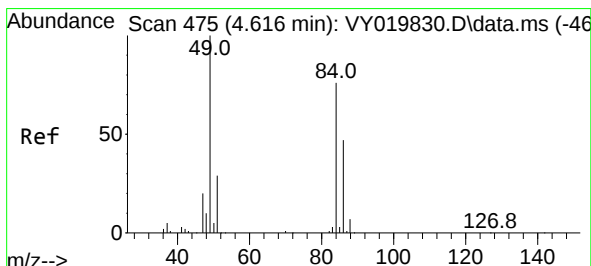
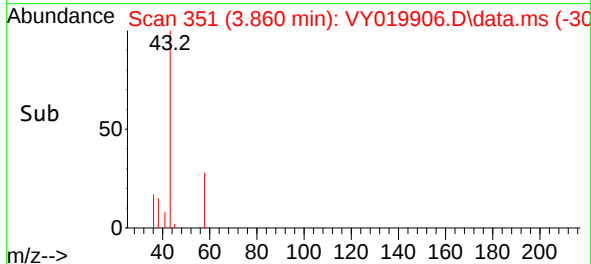
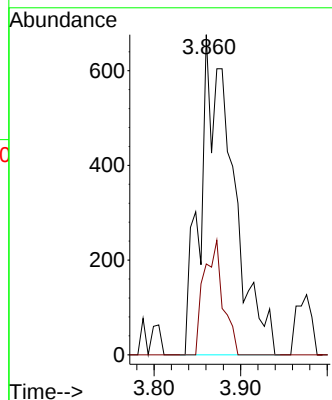
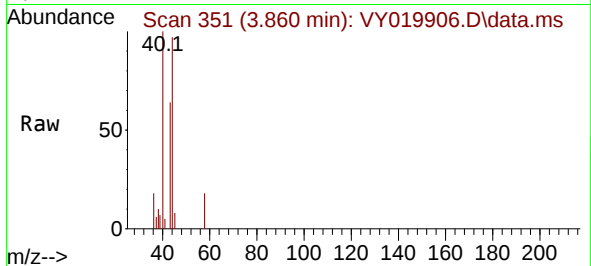




#16
Acetone
Concen: 2.327 ug/l
RT: 3.860 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

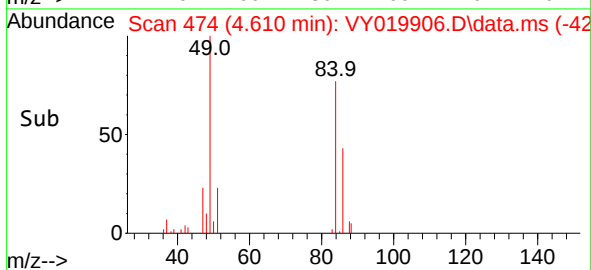
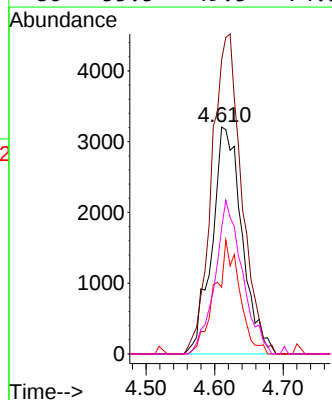
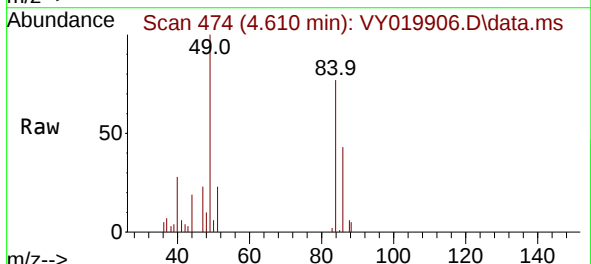
Instrument :
MSVOA_Y
ClientSampleId :

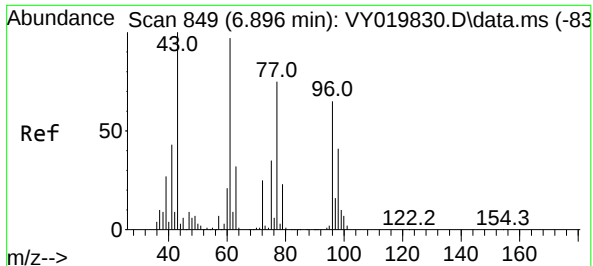
Tgt Ion: 43 Resp: 1774
Ion Ratio Lower Upper
43 100
58 28.4 31.7 47.5#



#20
Methylene Chloride
Concen: 2.703 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

Tgt Ion: 84 Resp: 9764
Ion Ratio Lower Upper
84 100
49 129.8 84.4 126.6#
51 29.4 26.0 39.0
86 55.5 49.5 74.3





#25

2-Butanone

Concen: 1.976 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY019906.D

Acq: 15 Oct 2024 16:11

Instrument :

MSVOA_Y

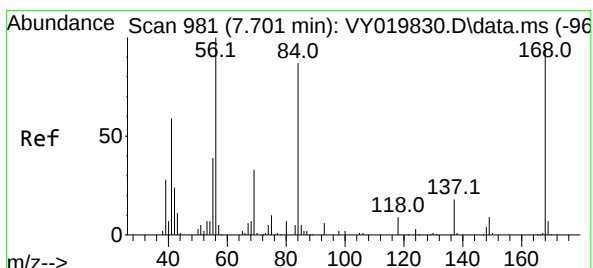
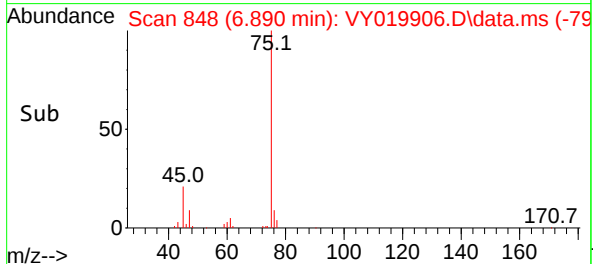
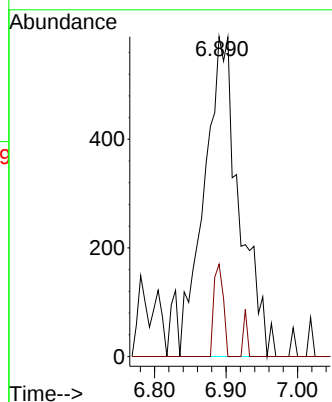
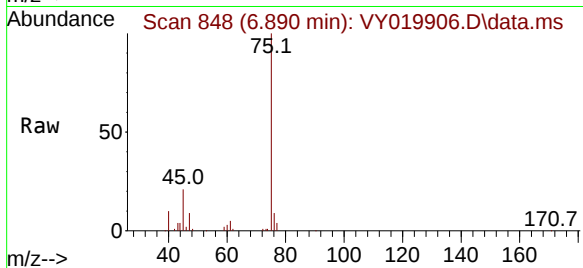
ClientSampleId :

Tgt Ion: 43 Resp: 2017

Ion Ratio Lower Upper

43 100

72 28.9 27.3 40.9



#31

Cyclohexane

Concen: 1.497 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY019906.D

Acq: 15 Oct 2024 16:11

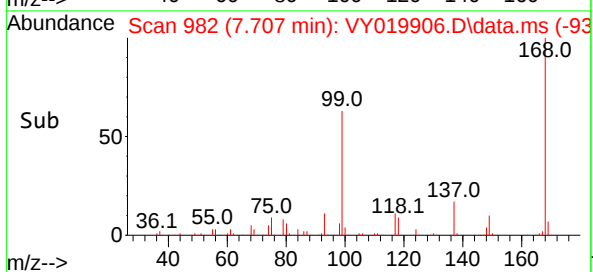
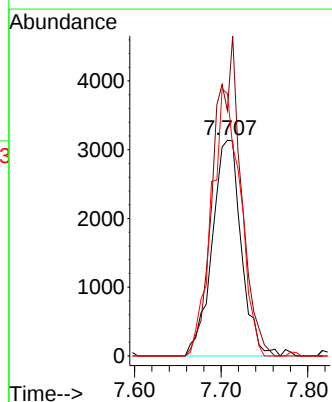
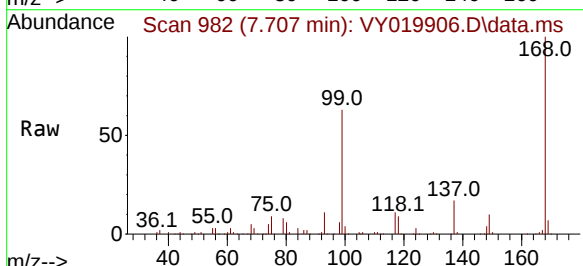
Tgt Ion: 56 Resp: 7324

Ion Ratio Lower Upper

56 100

69 113.7 28.7 43.1#

84 121.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.137 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019906.D

Acq: 15 Oct 2024 16:11

Instrument :

MSVOA_Y

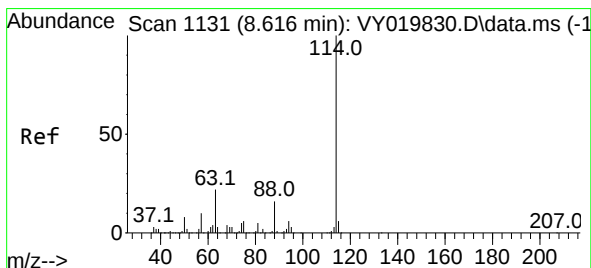
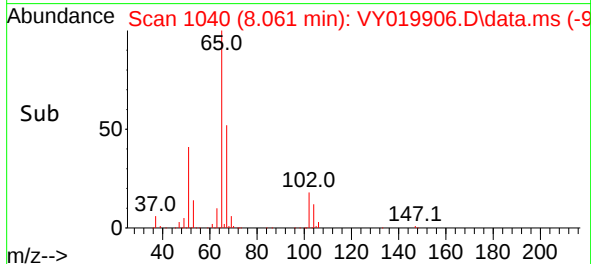
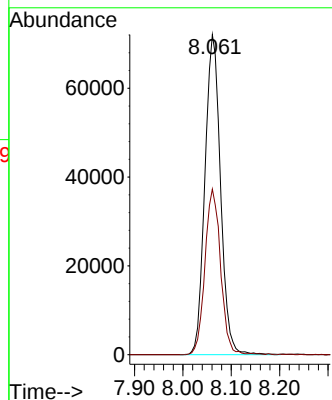
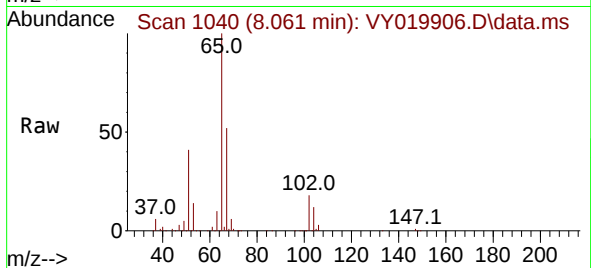
ClientSampleId :

Tgt Ion: 65 Resp: 161486

Ion Ratio Lower Upper

65 100

67 51.7 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: VY019906.D

Acq: 15 Oct 2024 16:11

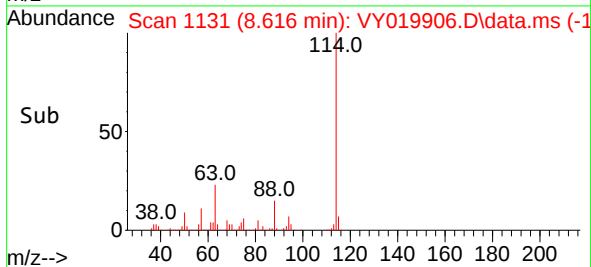
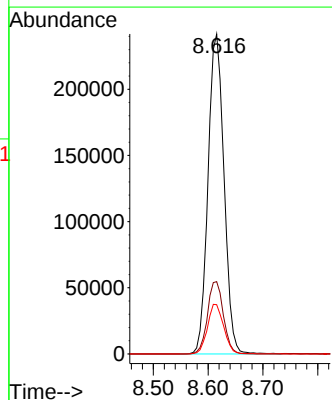
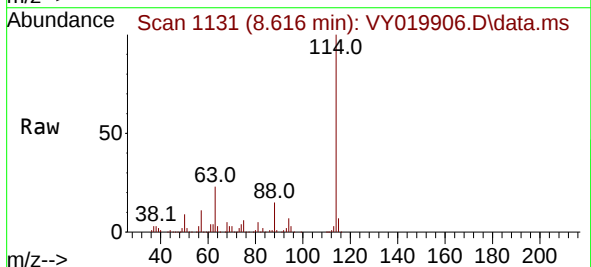
Tgt Ion: 114 Resp: 487261

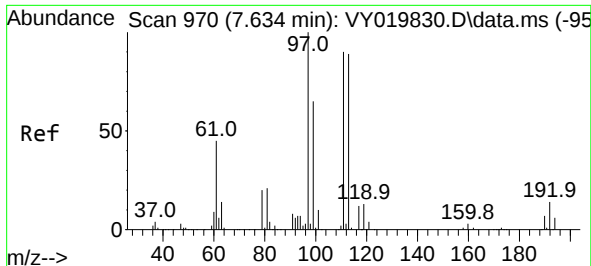
Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

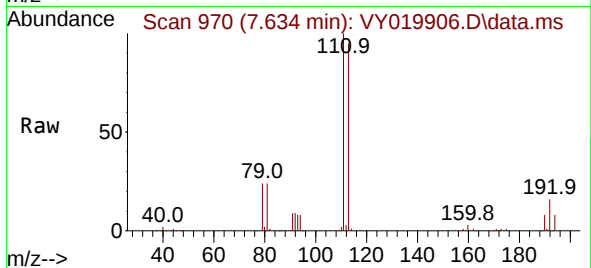
88 15.4 0.0 27.2



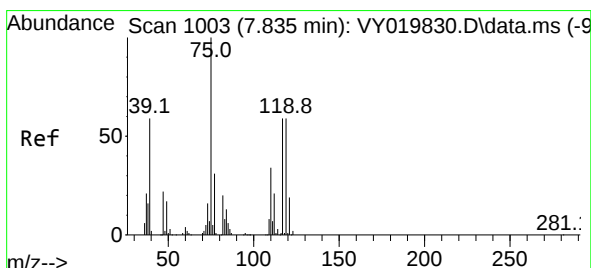
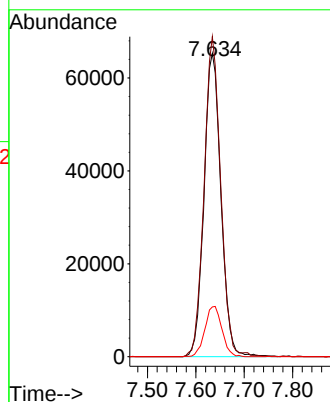
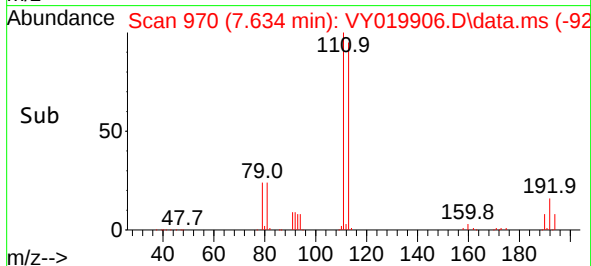


#35
Dibromofluoromethane
Concen: 49.371 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

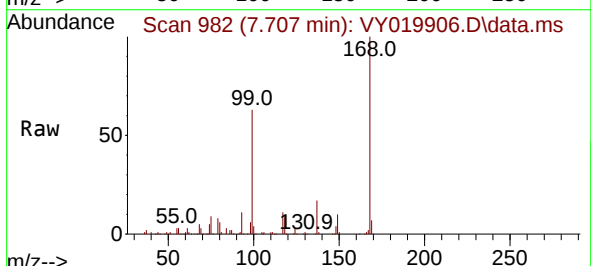
Instrument :
MSVOA_Y
ClientSampleId :



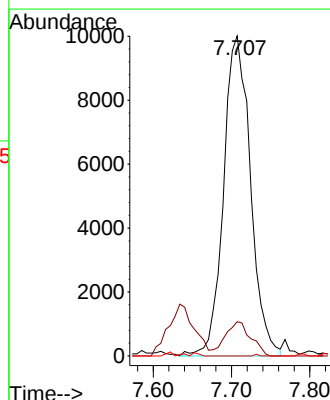
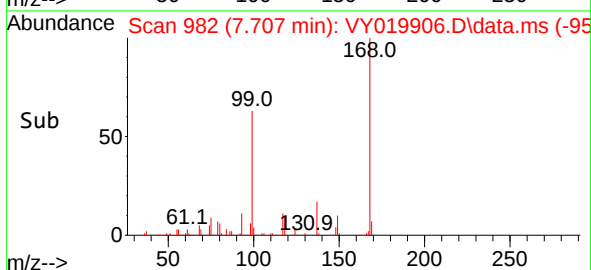
Tgt Ion:113 Resp: 158747
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 16.7 15.9 23.9

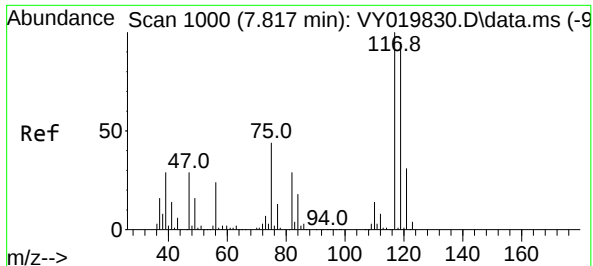


#36
1,1-Dichloropropene
Concen: 5.167 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11



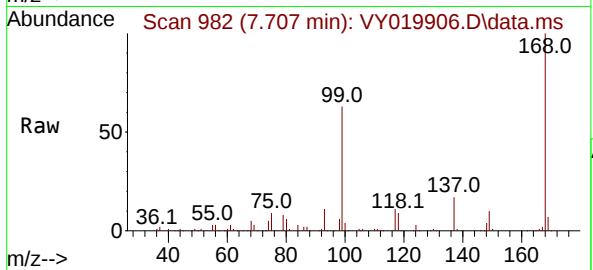
Tgt Ion: 75 Resp: 23937
Ion Ratio Lower Upper
75 100
110 10.0 19.0 57.0#
77 0.0 25.3 37.9#



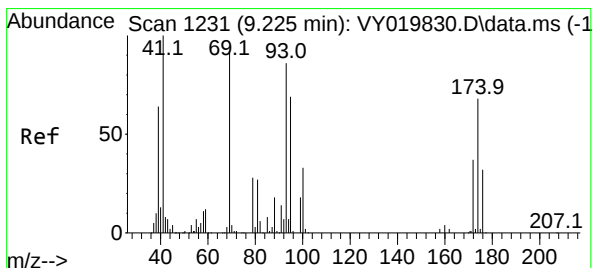
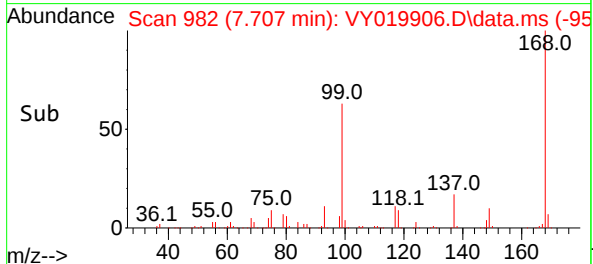
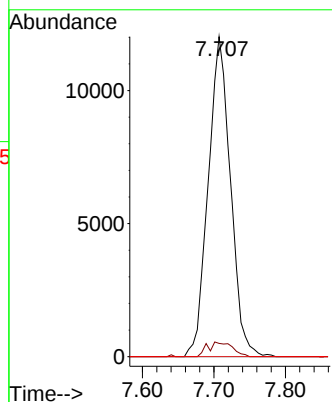


#38
Carbon Tetrachloride
Concen: 5.245 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :

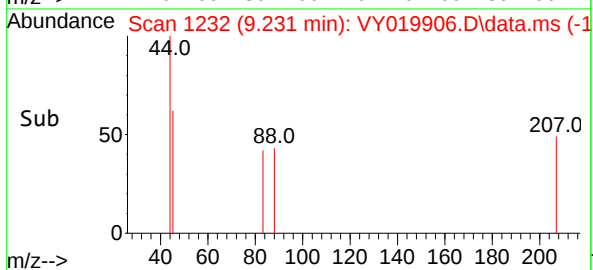
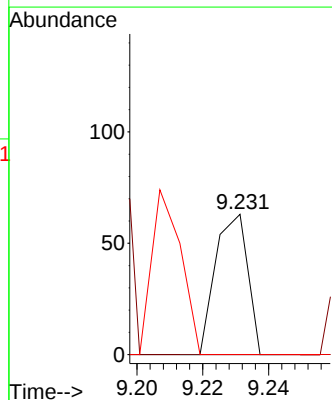
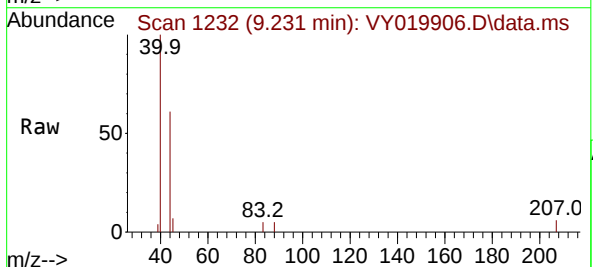


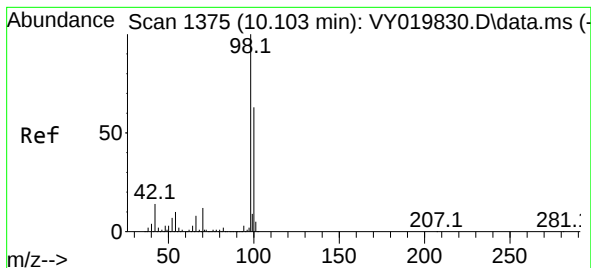
Tgt Ion:117 Resp: 26045
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.004 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

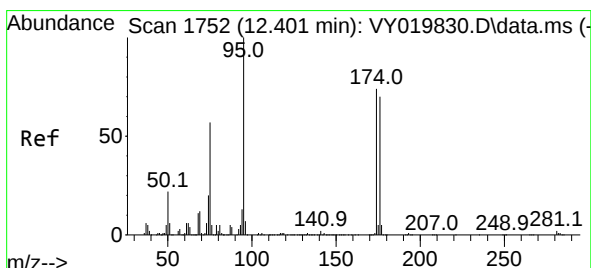
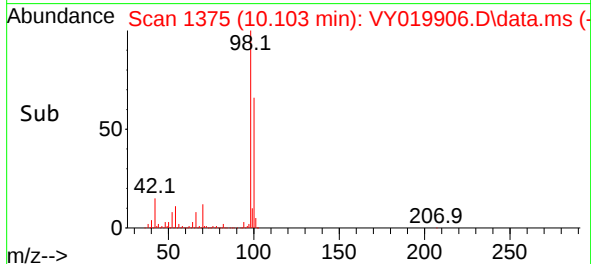
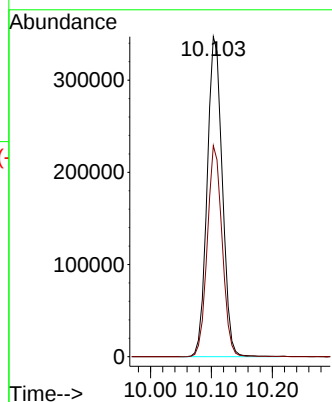
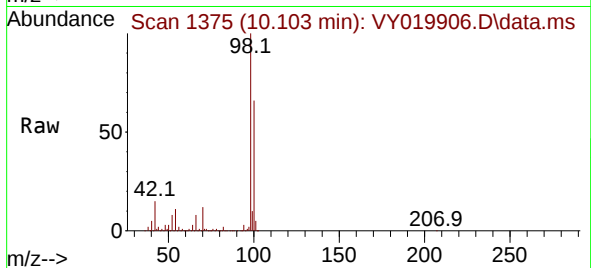




#50
Toluene-d8
Concen: 50.486 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

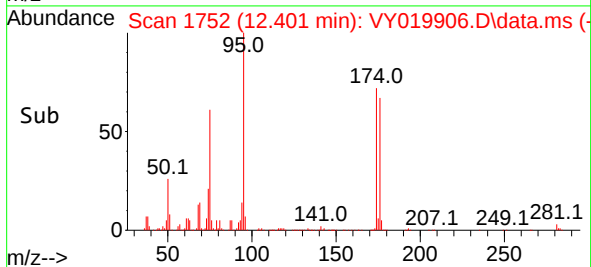
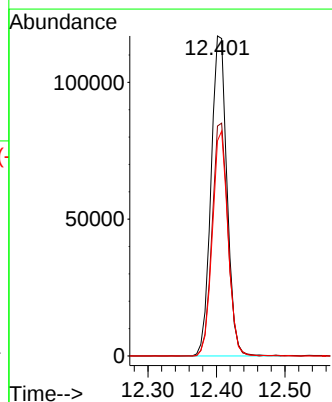
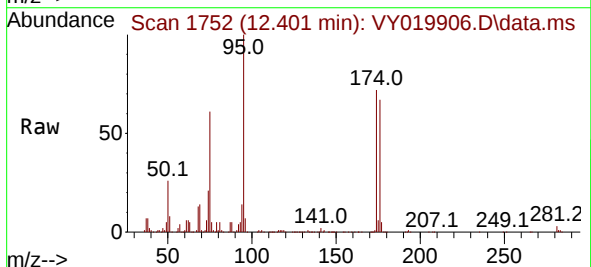
Instrument :
MSVOA_Y
ClientSampleId :

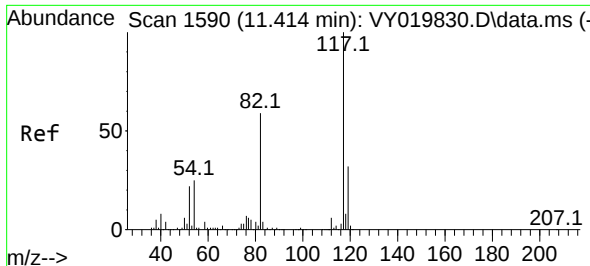
Tgt Ion: 98 Resp: 599464
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.067 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

Tgt Ion: 95 Resp: 189064
Ion Ratio Lower Upper
95 100
174 72.6 0.0 175.6
176 68.7 0.0 171.4

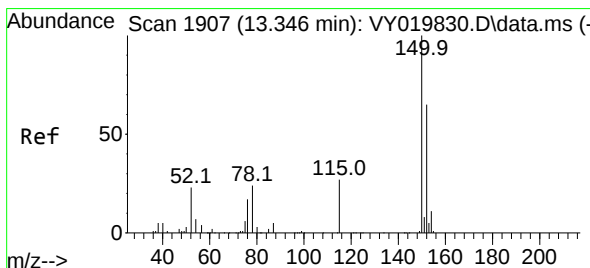
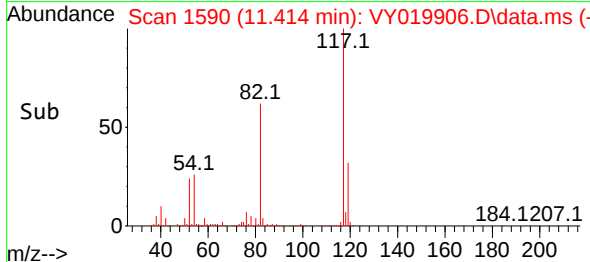
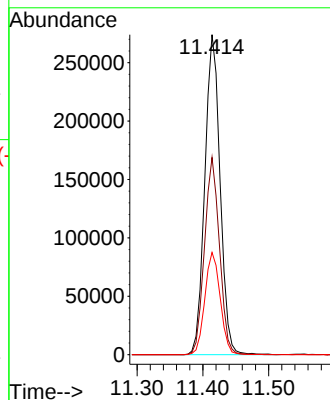
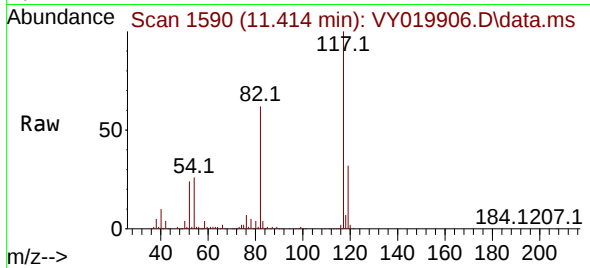




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

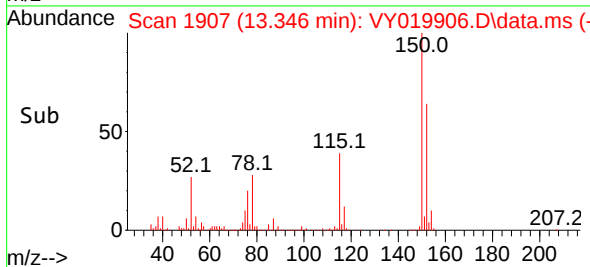
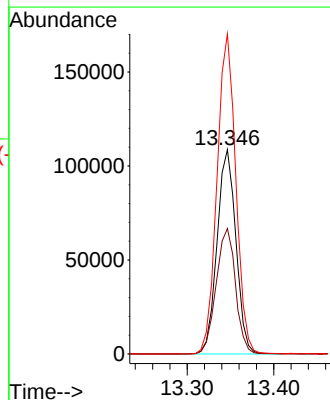
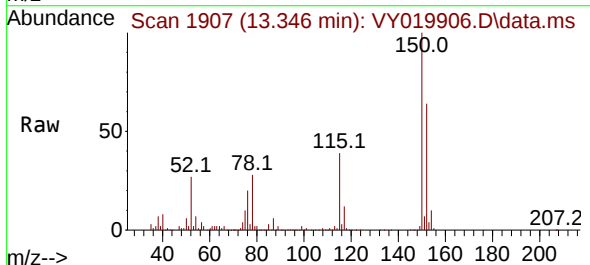
Instrument :
MSVOA_Y
ClientSampleId :

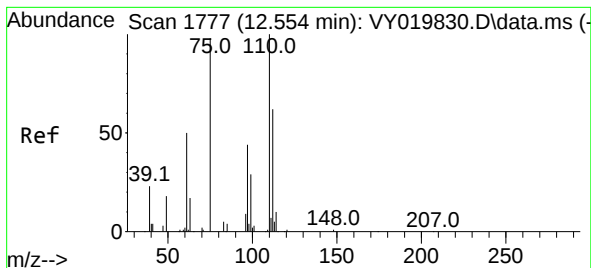
Tgt Ion:117 Resp: 442795
Ion Ratio Lower Upper
117 100
82 61.6 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019906.D
Acq: 15 Oct 2024 16:11

Tgt Ion:152 Resp: 164259
Ion Ratio Lower Upper
152 100
115 63.3 28.2 84.7
150 156.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 33.975 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019906.D

Acq: 15 Oct 2024 16:11

Instrument :

MSVOA_Y

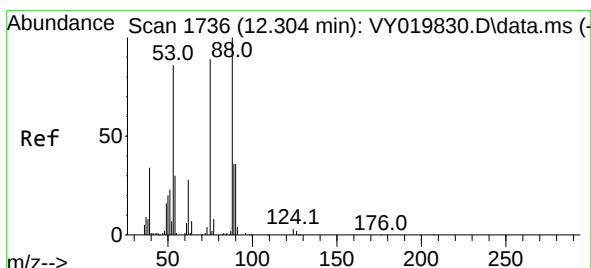
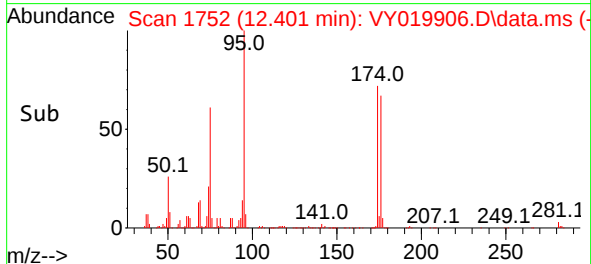
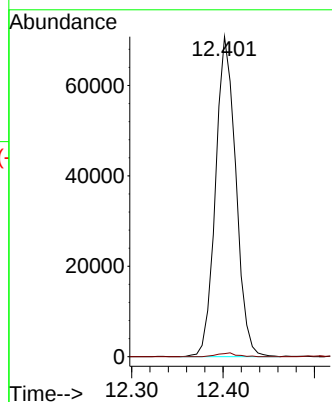
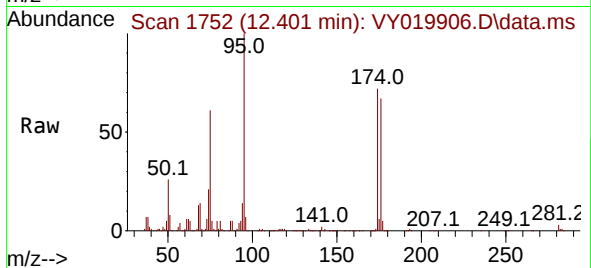
ClientSampleId :

Tgt Ion: 75 Resp: 109324

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.134 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019906.D

Acq: 15 Oct 2024 16:11

Tgt Ion: 75 Resp: 109324

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.2 35.8 53.6#

