

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020145.D
 Acq On : 04 Nov 2024 16:10
 Operator : SY/MD
 Sample : P4675-05
 Misc : 6.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:34:01 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)

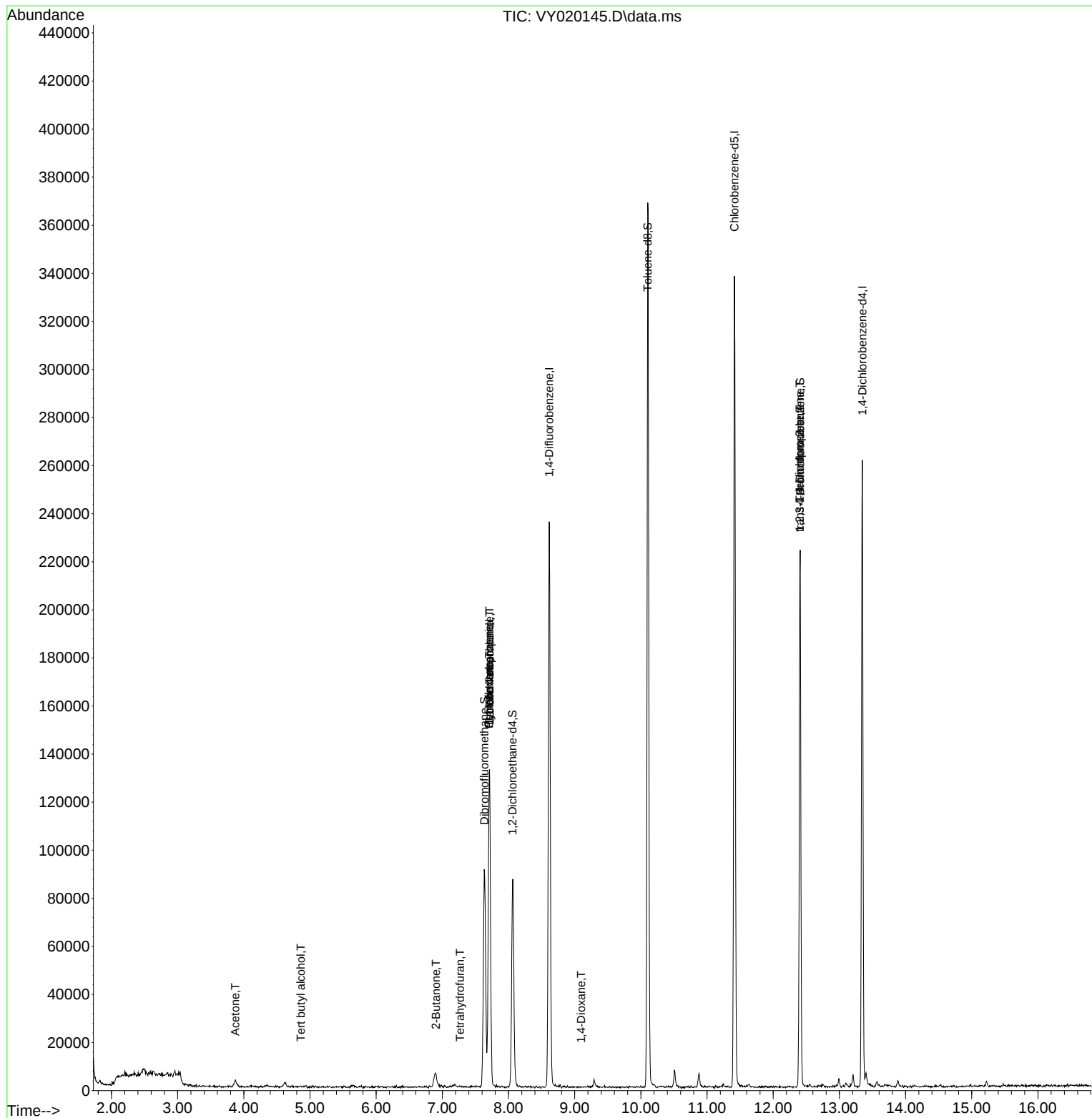
Internal Standards						
1) Pentafluorobenzene	7.707	168	92185	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	187487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	168357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	56627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	69924	60.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.634	113	64233	53.885	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.780%	
50) Toluene-d8	10.103	98	230867	48.656	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.320%	
62) 4-Bromofluorobenzene	12.408	95	66232	42.975	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	142	1.716	ug/l	# 88
16) Acetone	3.873	43	4596	17.177	ug/l	# 83
25) 2-Butanone	6.902	43	1549	4.271	ug/l	# 81
29) Tetrahydrofuran	7.268	42	305	1.457	ug/l	# 32
31) Cyclohexane	7.707	56	2668	1.278	ug/l	# 24
36) 1,1-Dichloropropene	7.713	75	9461	5.138	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	10166	5.490	ug/l	# 19
49) 1,4-Dioxane	9.097	88	24	3.346	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	39427	74.276	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	39427	159.765	ug/l	# 16

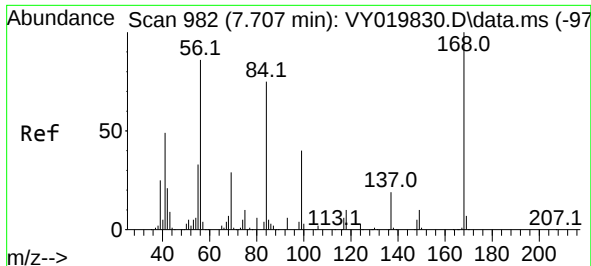
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 05 00:34:01 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

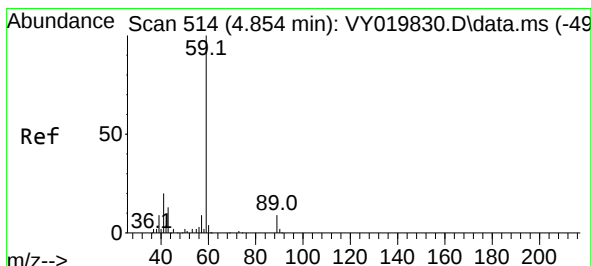
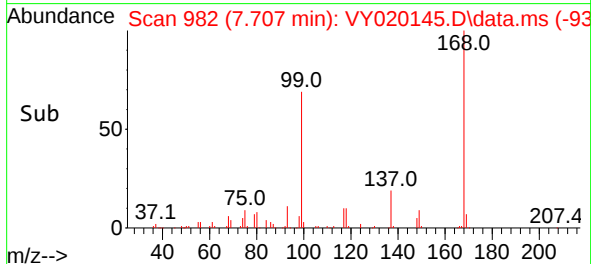
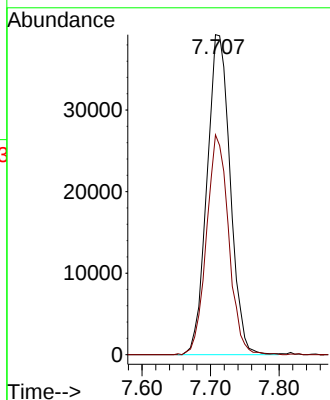
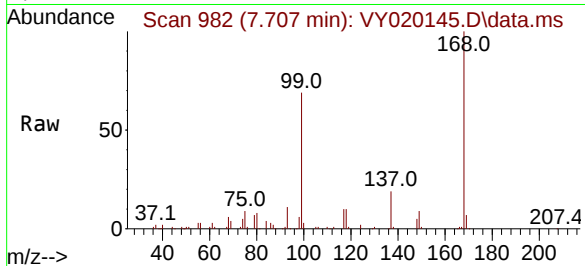




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

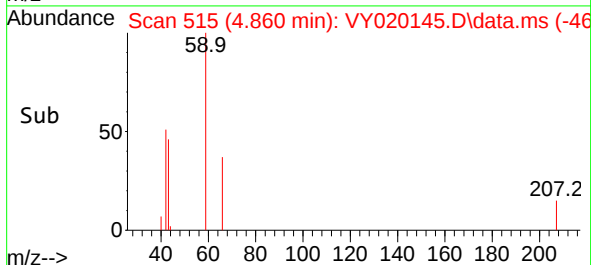
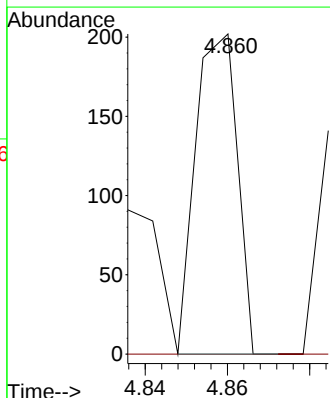
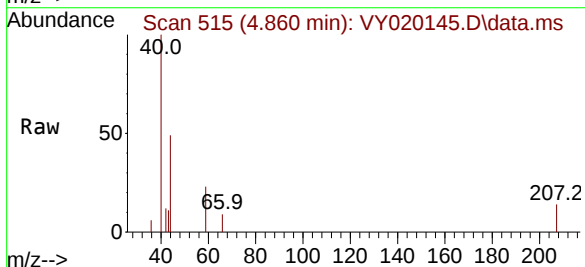
Instrument :
MSVOA_Y
ClientSampleId :

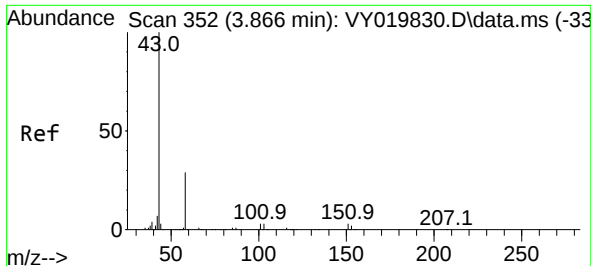
Tgt Ion:168 Resp: 92185
Ion Ratio Lower Upper
168 100
99 68.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.716 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

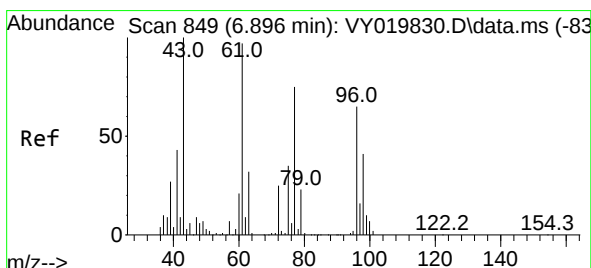
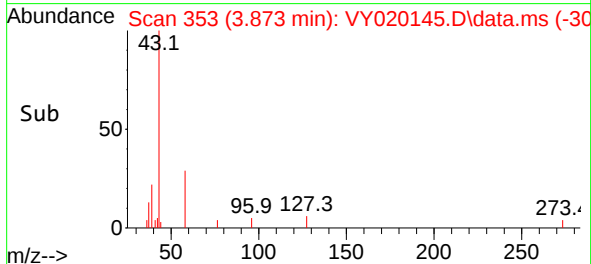
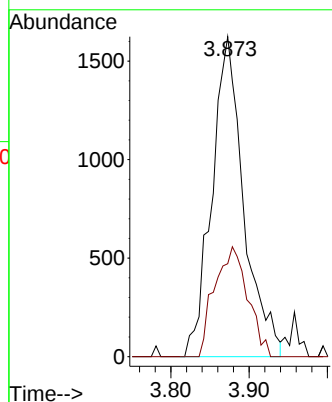
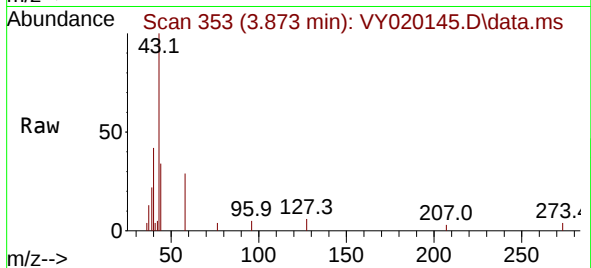




#16
Acetone
Concen: 17.177 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

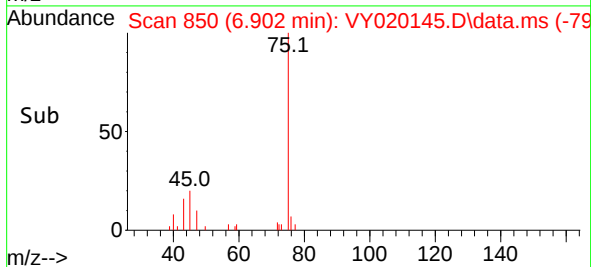
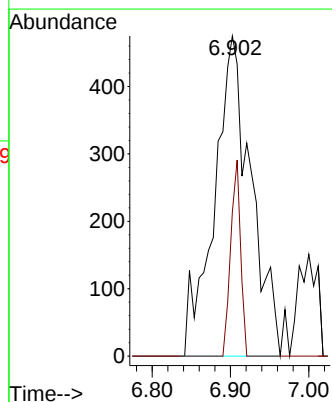
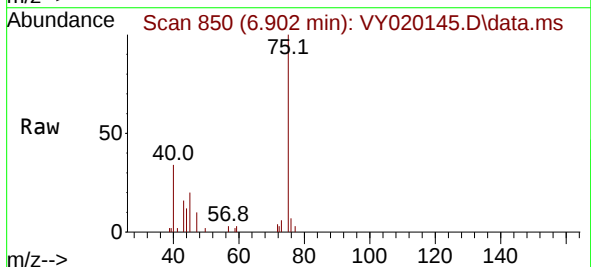
Instrument :
MSVOA_Y
ClientSampleId :

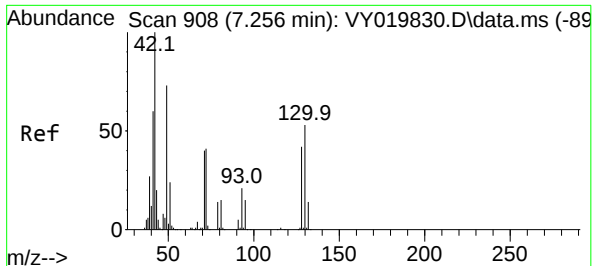
Tgt Ion: 43 Resp: 4596
Ion Ratio Lower Upper
43 100
58 29.1 31.7 47.5#



#25
2-Butanone
Concen: 4.271 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
72 45.1 27.3 40.9#





#29

Tetrahydrofuran

Concen: 1.457 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020145.D

Acq: 04 Nov 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :

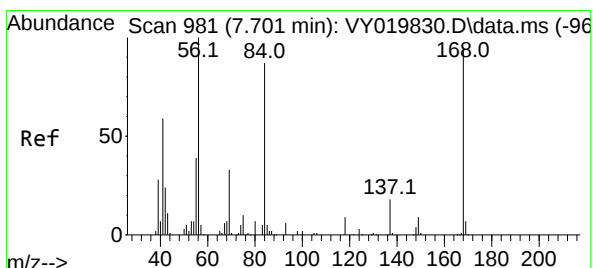
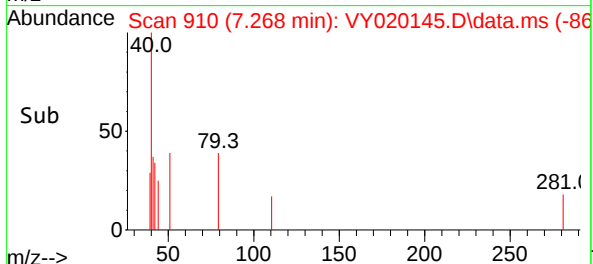
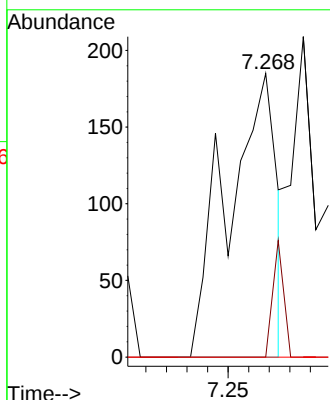
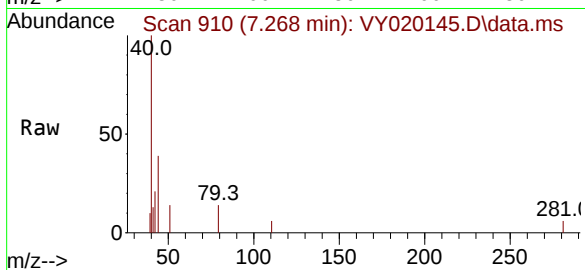
Tgt Ion: 42 Resp: 305

Ion Ratio Lower Upper

42 100

72 9.2 43.0 64.4#

71 0.0 40.8 61.2#



#31

Cyclohexane

Concen: 1.278 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020145.D

Acq: 04 Nov 2024 16:10

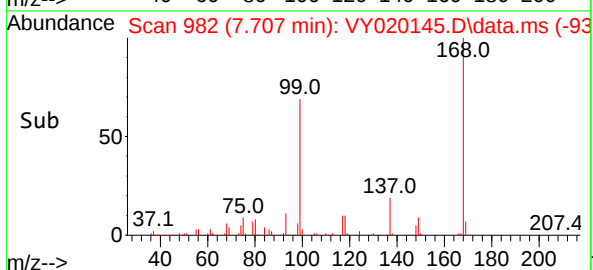
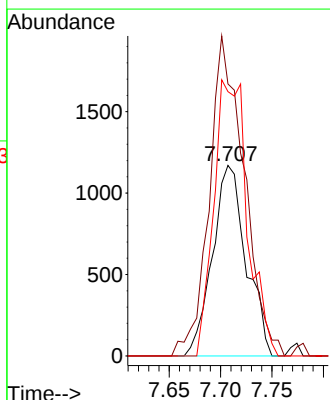
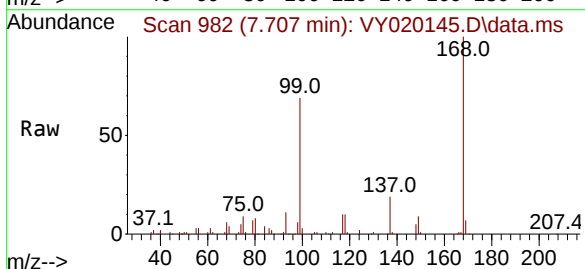
Tgt Ion: 56 Resp: 2668

Ion Ratio Lower Upper

56 100

69 135.0 28.7 43.1#

84 138.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.776 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020145.D

Acq: 04 Nov 2024 16:10

Instrument :

MSVOA_Y

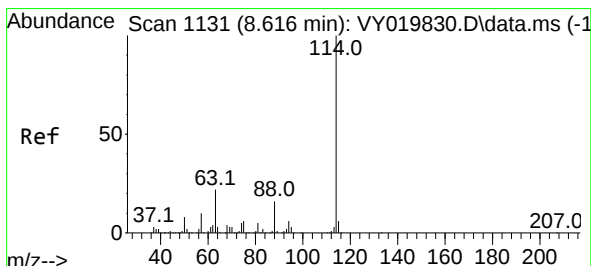
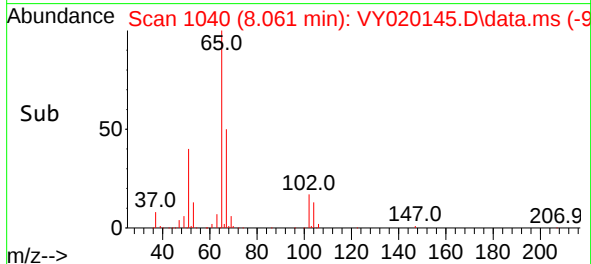
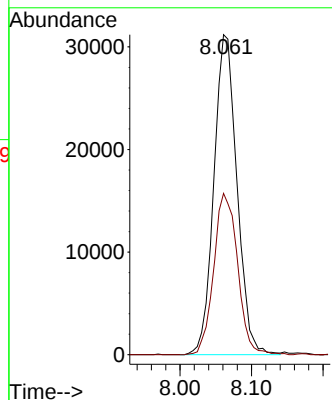
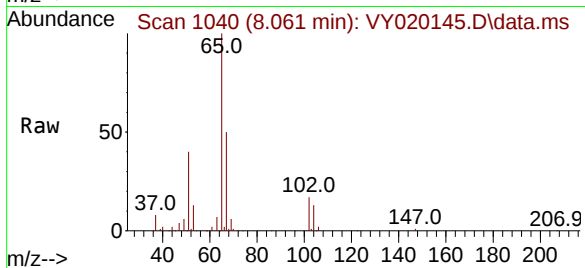
ClientSampleId :

Tgt Ion: 65 Resp: 69924

Ion Ratio Lower Upper

65 100

67 52.1 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: VY020145.D

Acq: 04 Nov 2024 16:10

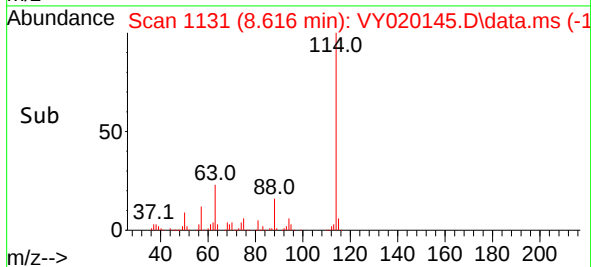
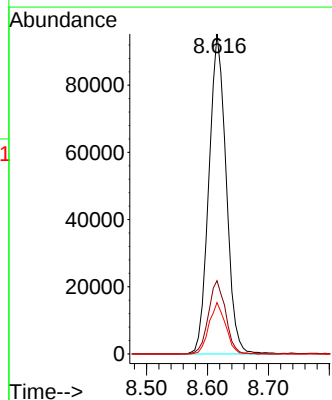
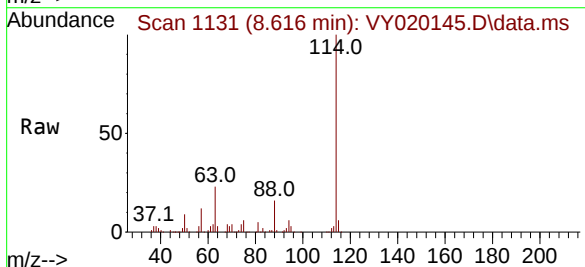
Tgt Ion: 114 Resp: 187487

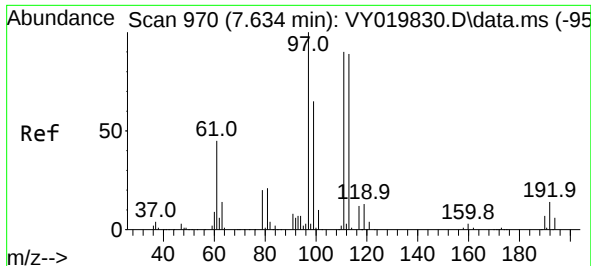
Ion Ratio Lower Upper

114 100

63 22.9 0.0 35.0

88 16.0 0.0 27.2

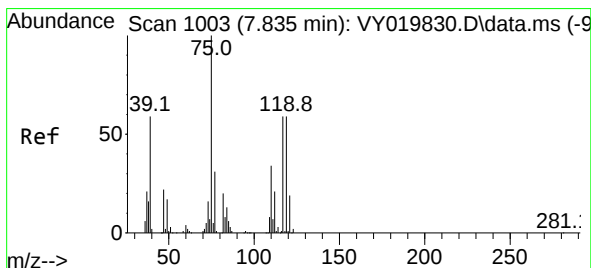
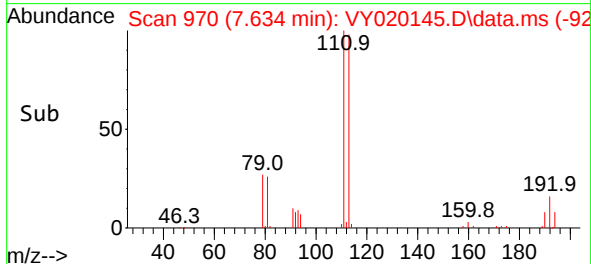
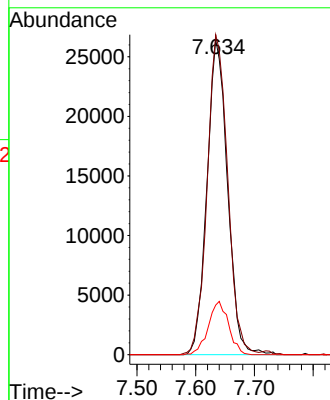
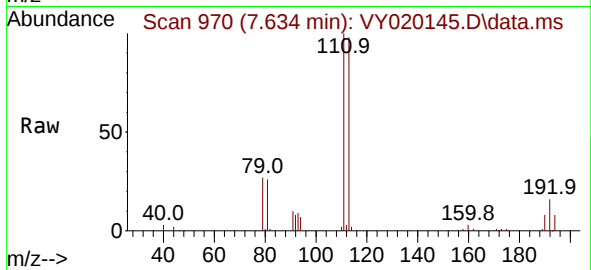




#35
Dibromofluoromethane
Concen: 53.885 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

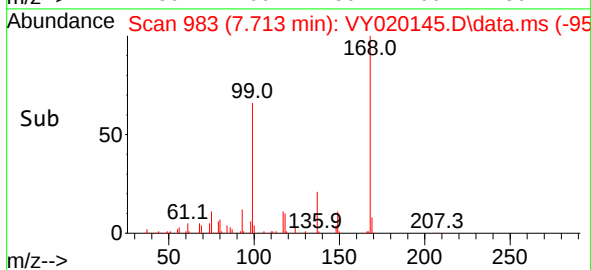
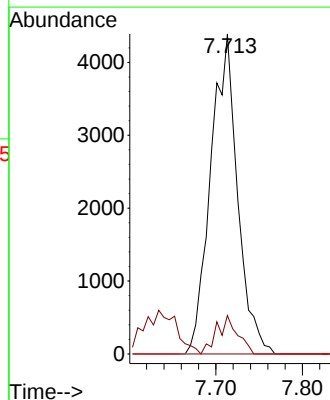
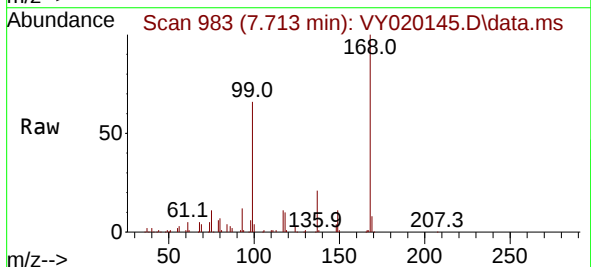
Instrument :
MSVOA_Y
ClientSampleId :

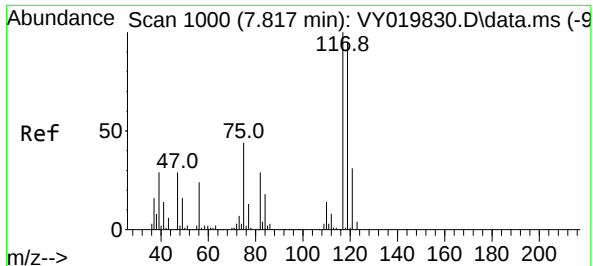
Tgt Ion:113 Resp: 64233
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 16.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

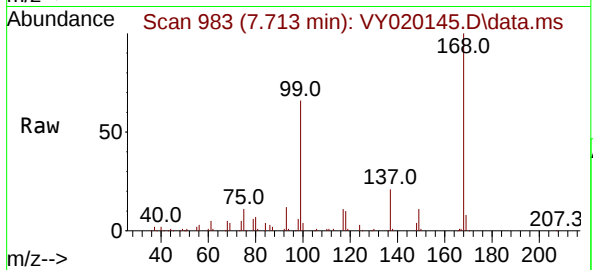
Tgt Ion: 75 Resp: 9461
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.0 25.3 37.9#



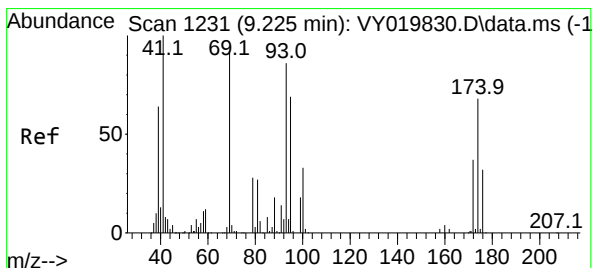
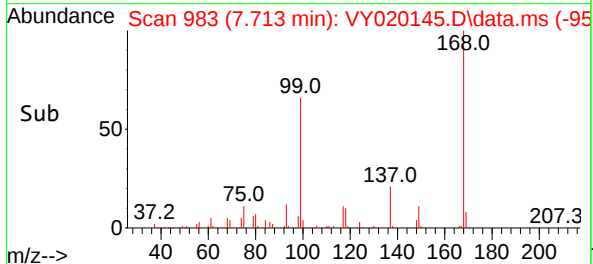
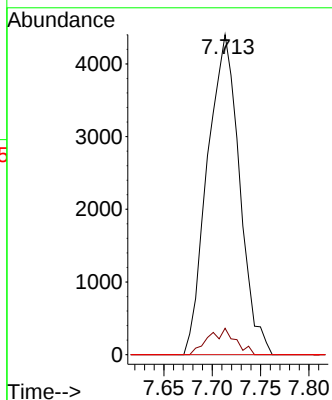


#38
Carbon Tetrachloride
Concen: 5.490 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

Instrument :
MSVOA_Y
ClientSampleId :

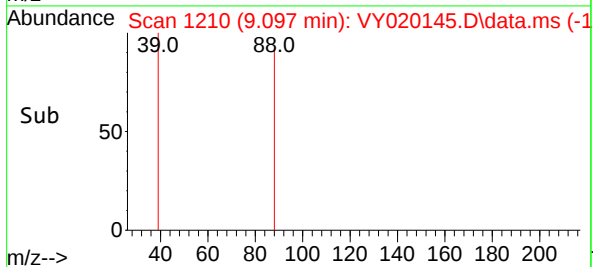
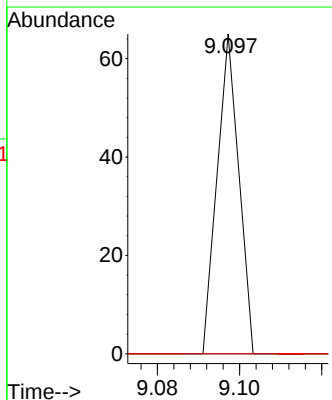
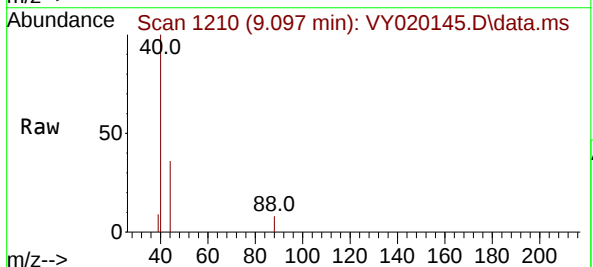


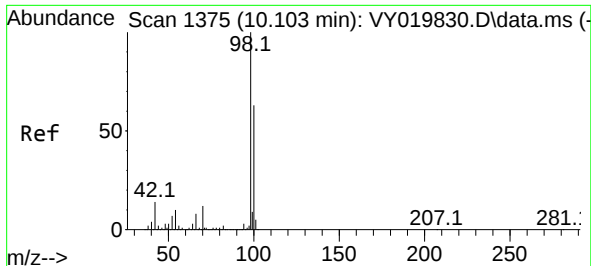
Tgt Ion:117 Resp: 10166
Ion Ratio Lower Upper
117 100
119 8.2 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.346 ug/l
RT: 9.097 min Scan# 1210
Delta R.T. -0.134 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

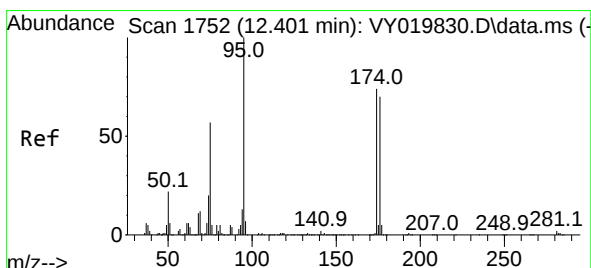
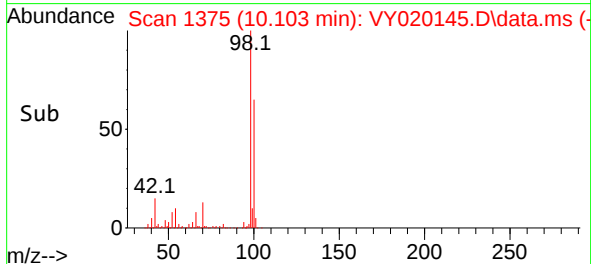
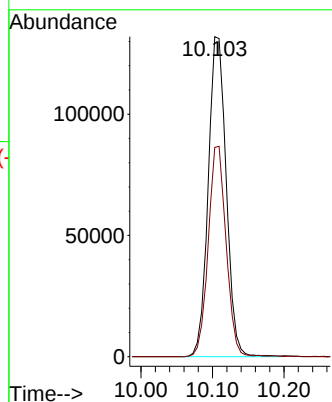
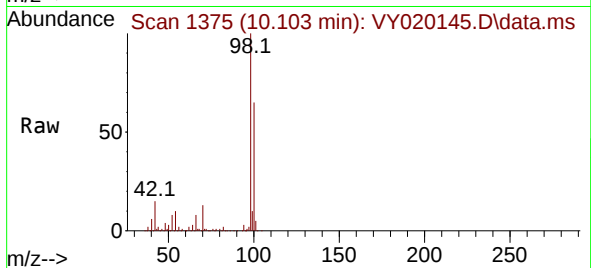




#50
Toluene-d8
Concen: 48.656 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

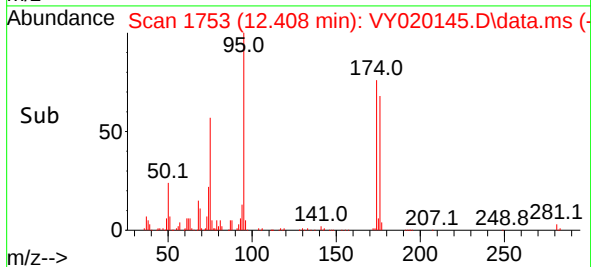
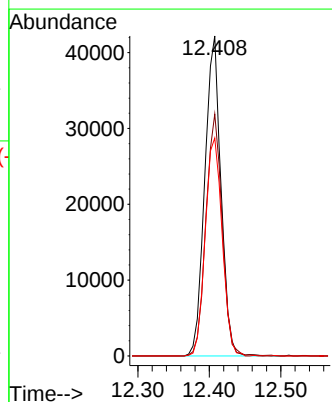
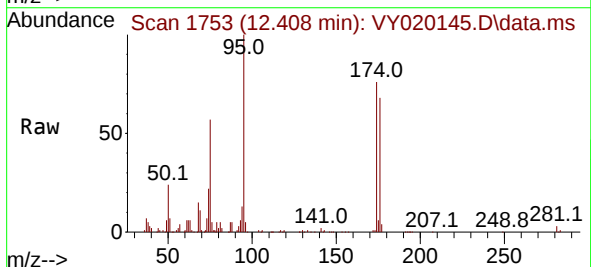
Instrument :
MSVOA_Y
ClientSampleId :

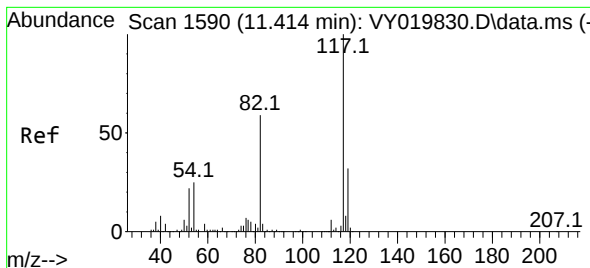
Tgt Ion: 98 Resp: 230867
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.975 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

Tgt Ion: 95 Resp: 66232
Ion Ratio Lower Upper
95 100
174 75.9 0.0 175.6
176 71.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

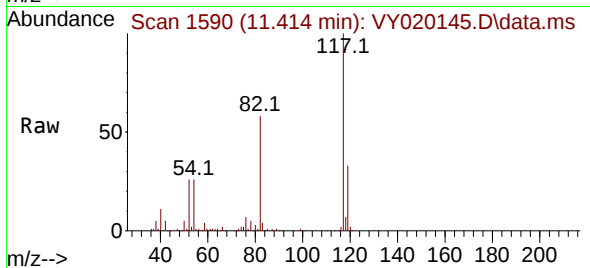
Lab File: VY020145.D

Acq: 04 Nov 2024 16:10

Instrument :

MSVOA_Y

ClientSampleId :



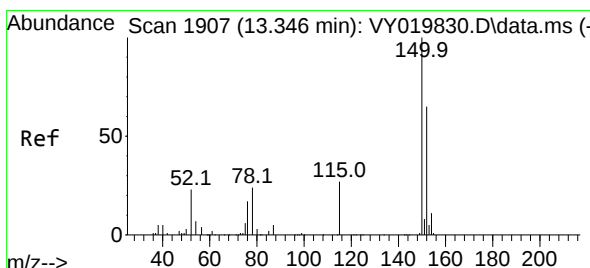
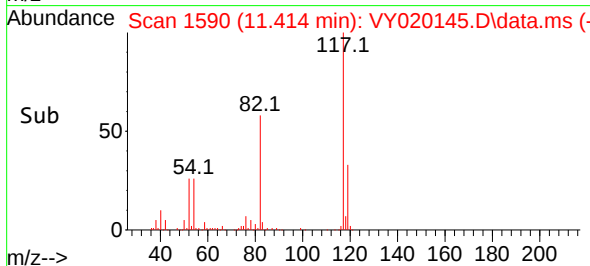
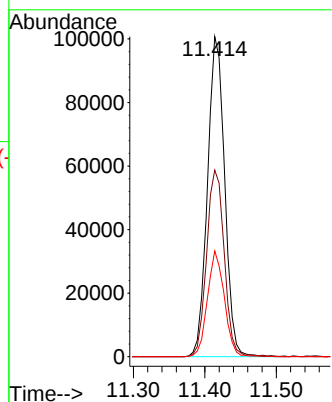
Tgt Ion:117 Resp: 168357

Ion Ratio Lower Upper

117 100

82 58.3 42.4 63.6

119 33.0 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: VY020145.D

Acq: 04 Nov 2024 16:10

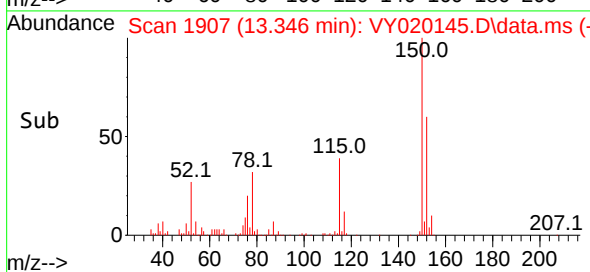
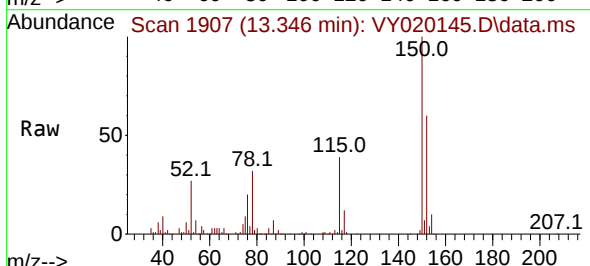
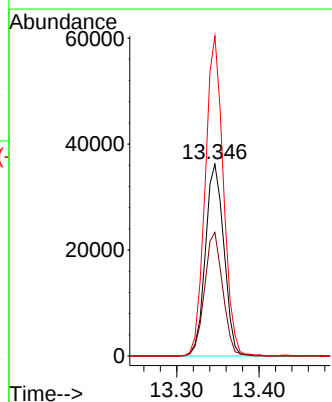
Tgt Ion:152 Resp: 56627

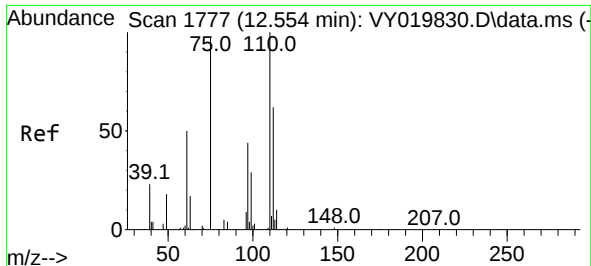
Ion Ratio Lower Upper

152 100

115 63.4 28.2 84.7

150 163.6 0.0 345.6

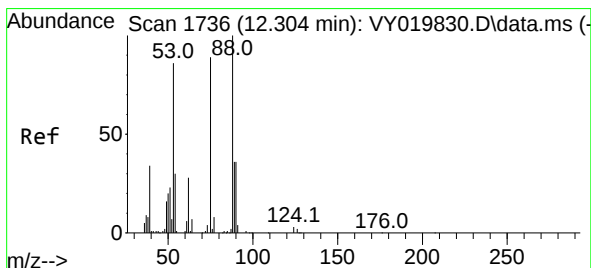
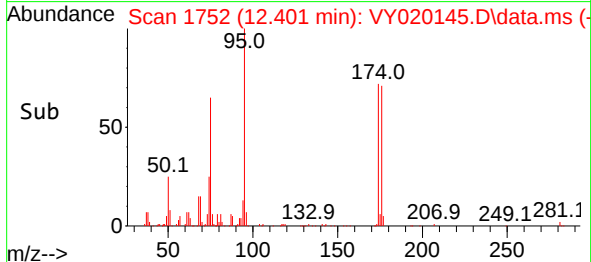
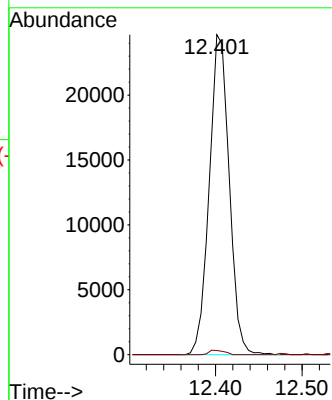
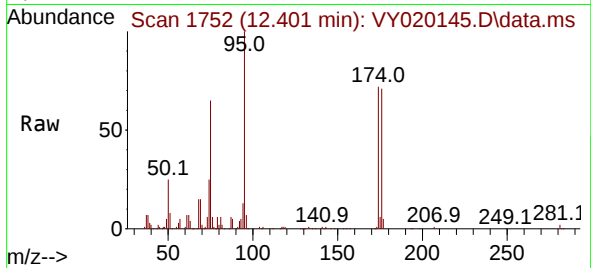




#76
1,2,3-Trichloropropane
Concen: 74.276 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 39427
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 159.765 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020145.D
Acq: 04 Nov 2024 16:10

Tgt Ion: 75 Resp: 39427
Ion Ratio Lower Upper
75 100
53 0.4 66.8 100.2#
89 0.3 35.8 53.6#

