

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020449.D
 Acq On : 26 Nov 2024 14:21
 Operator : SY/MD
 Sample : P5000-07
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 01:41:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	123118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	239775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	232785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	97603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	81488	57.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.220%	
35) Dibromofluoromethane	7.634	113	77570	50.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.900%	
50) Toluene-d8	10.109	98	291188	48.078	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.160%	
62) 4-Bromofluorobenzene	12.407	95	103888	53.358	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.720%	

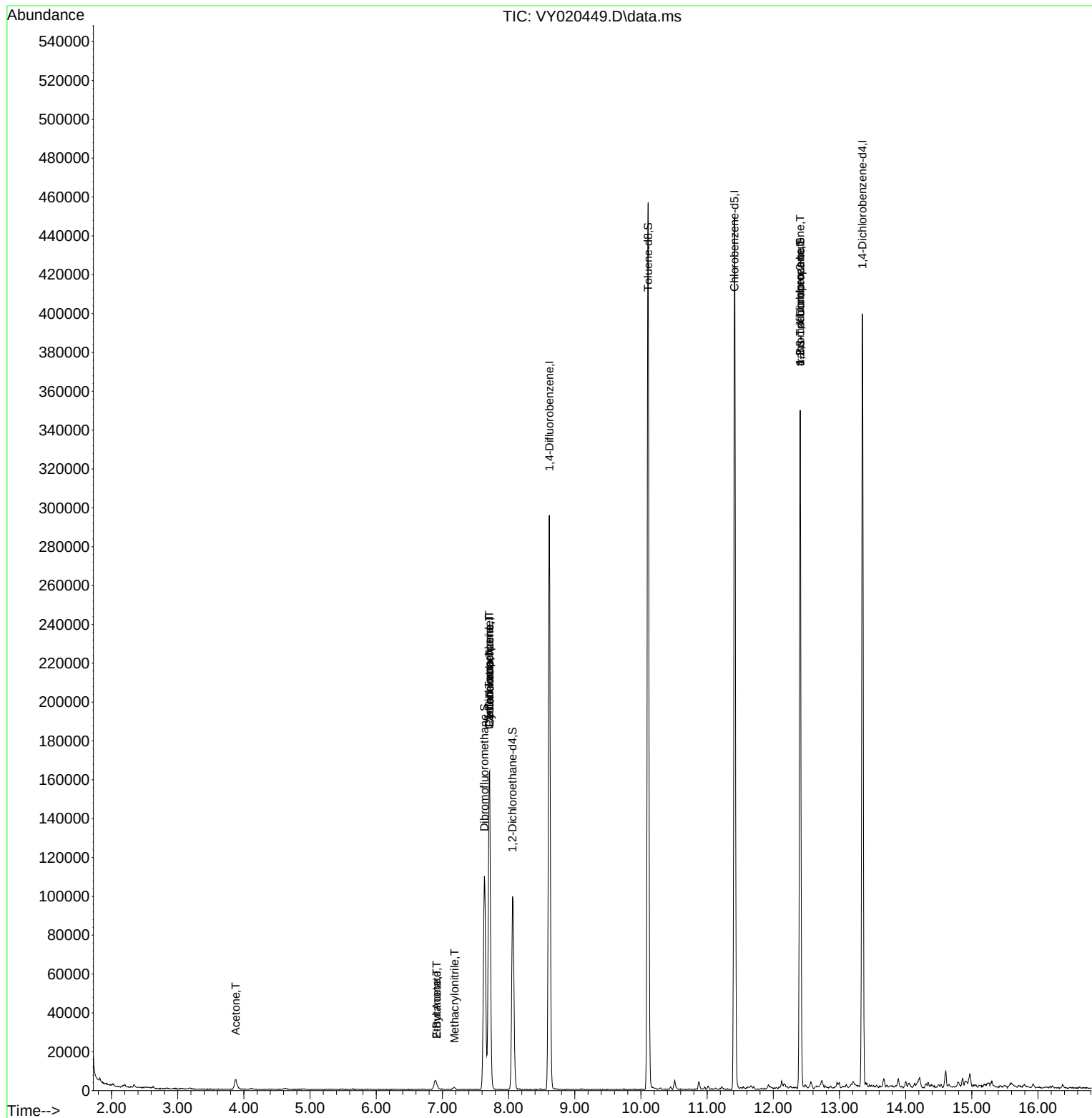
Target Compounds			Qvalue			
3) Chloromethane	2.074	50	47	Below Cal	#	41
16) Acetone	3.878	43	10119	29.841	ug/l	94
25) 2-Butanone	6.914	43	2268	5.195	ug/l	# 87
31) Cyclohexane	7.713	56	3070	1.164	ug/l	# 12
36) 1,1-Dichloropropene	7.707	75	10320	4.395	ug/l	# 51
37) Ethyl Acetate	6.914	43	2268	2.108	ug/l	# 77
38) Carbon Tetrachloride	7.707	117	13127	5.354	ug/l	# 15
41) Methacrylonitrile	7.183	41	753	1.230	ug/l	# 36
76) 1,2,3-Trichloropropane	12.407	75	58418	63.502	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	58418	124.430	ug/l	# 9

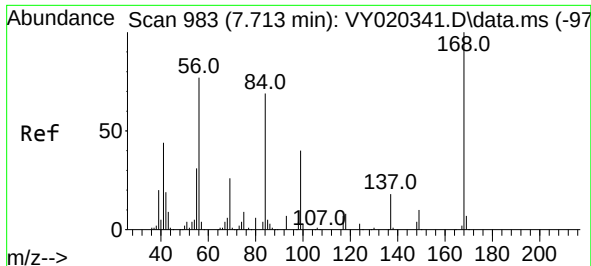
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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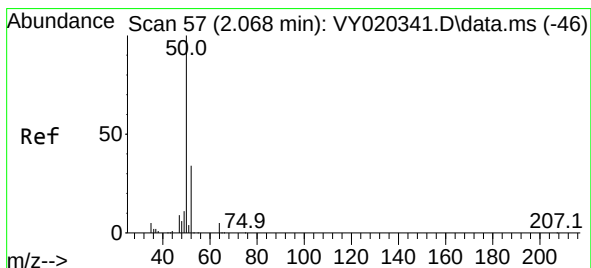
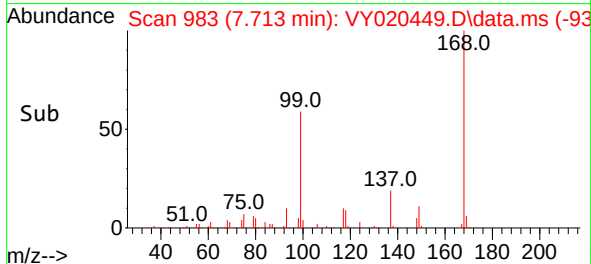
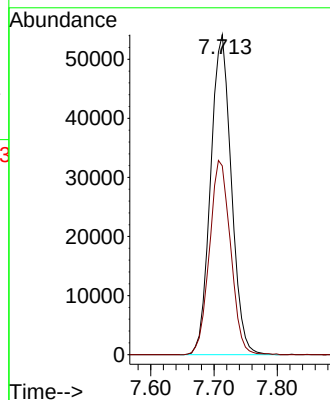
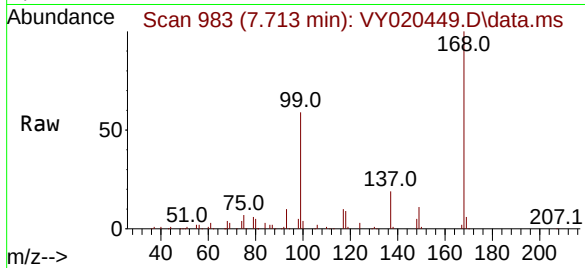




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

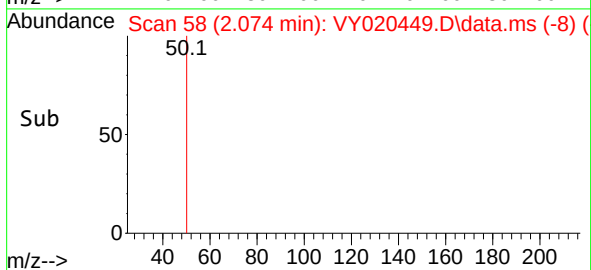
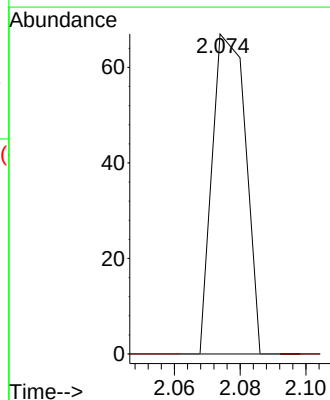
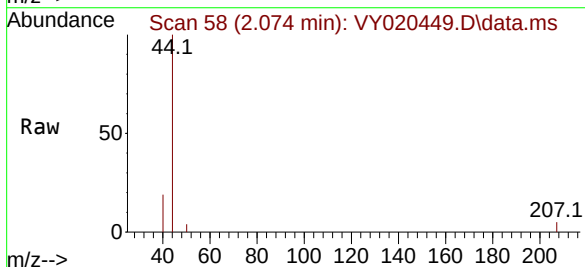
Instrument :
MSVOA_Y
ClientSampleId :

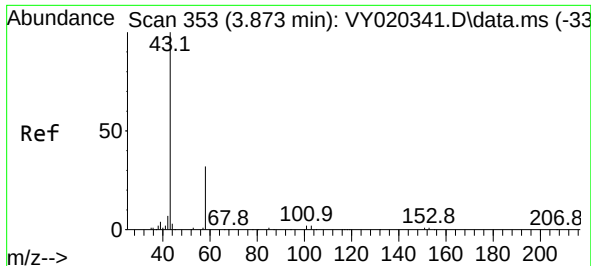
Tgt Ion:168 Resp: 123118
Ion Ratio Lower Upper
168 100
99 59.0 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

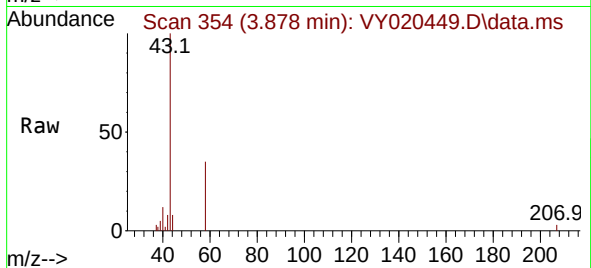
Tgt Ion: 50 Resp: 47
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



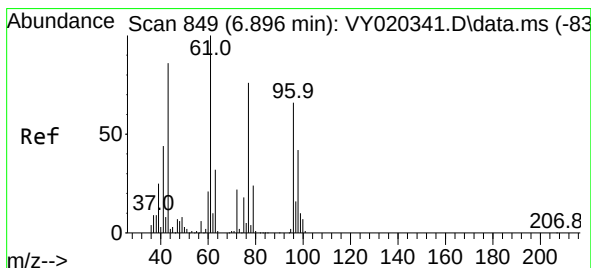
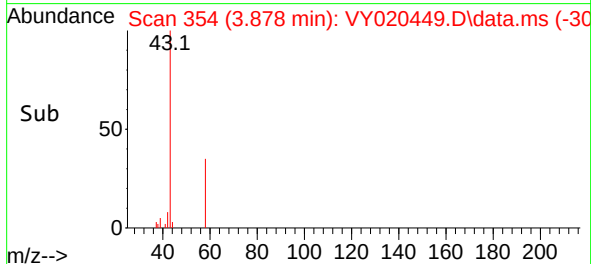
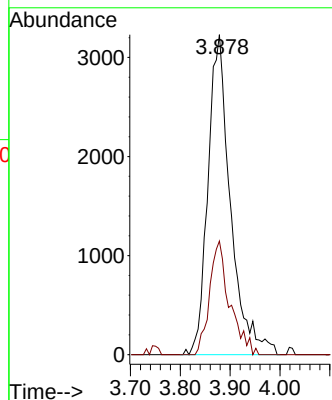


#16
Acetone
Concen: 29.841 ug/l
RT: 3.878 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :

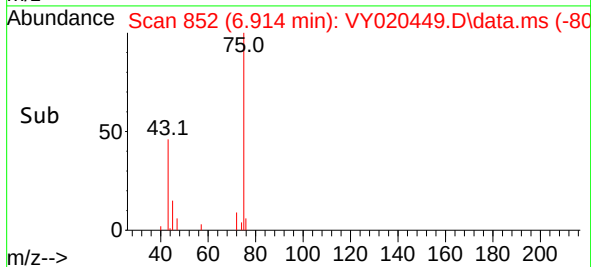
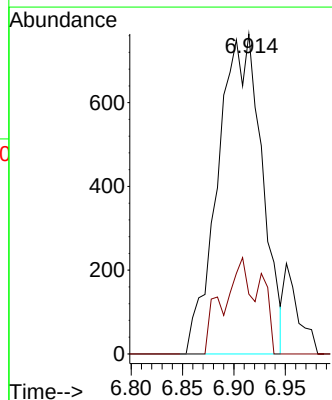
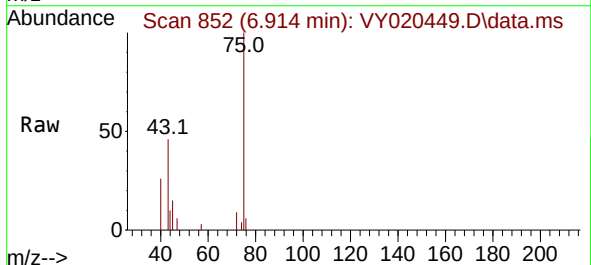


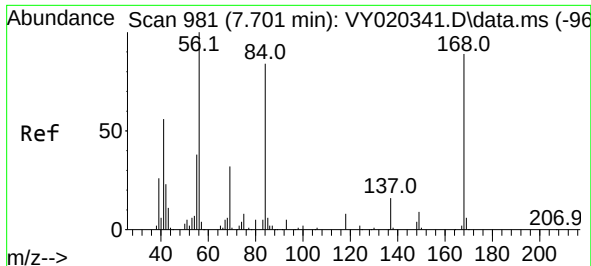
Tgt Ion: 43 Resp: 10119
Ion Ratio Lower Upper
43 100
58 35.5 25.7 38.5



#25
2-Butanone
Concen: 5.195 ug/l
RT: 6.914 min Scan# 852
Delta R.T. 0.018 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

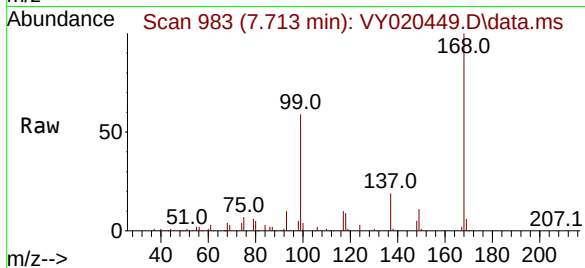
Tgt Ion: 43 Resp: 2268
Ion Ratio Lower Upper
43 100
72 18.7 20.4 30.6#



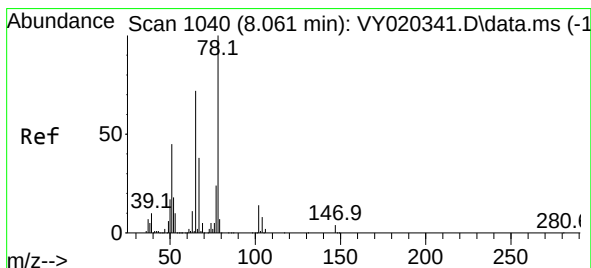
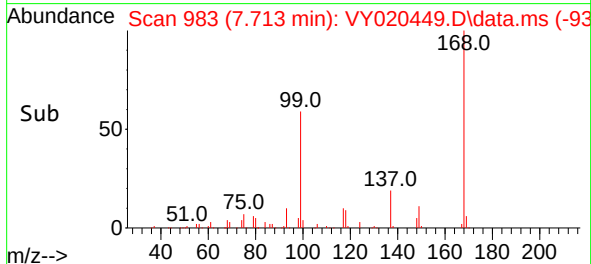
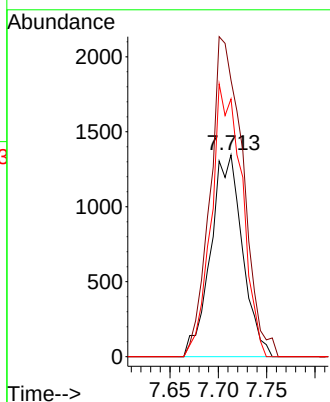


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :

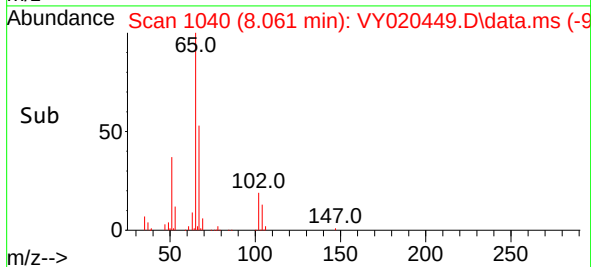
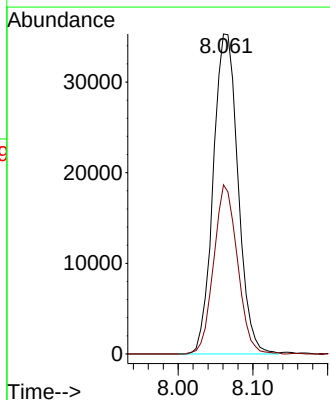
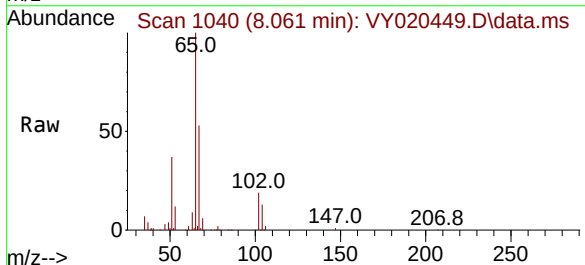


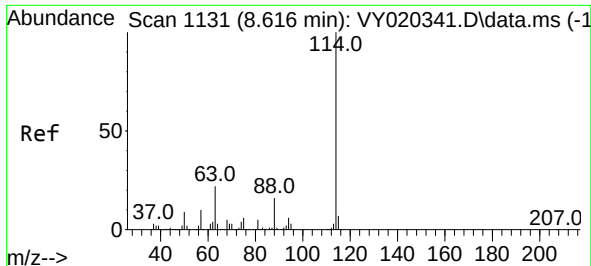
Tgt Ion: 56 Resp: 3070
Ion Ratio Lower Upper
56 100
69 137.1 25.3 37.9#
84 127.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 57.610 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

Tgt Ion: 65 Resp: 81488
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020449.D

Acq: 26 Nov 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

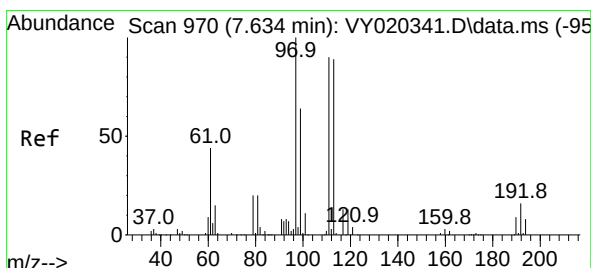
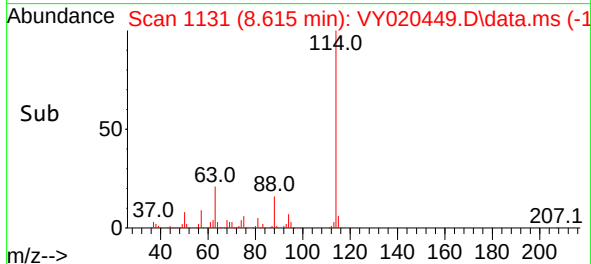
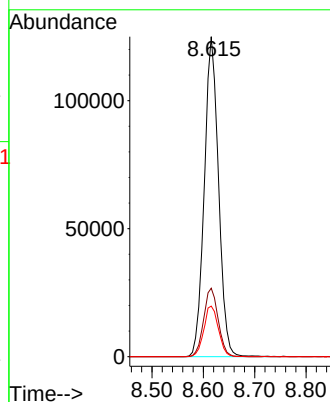
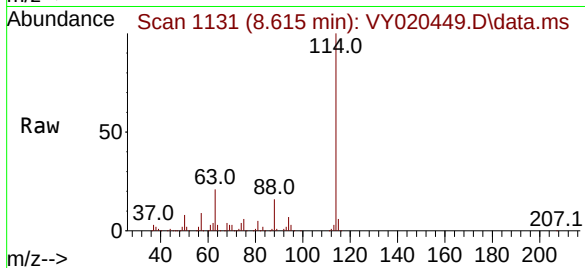
Tgt Ion:114 Resp: 239775

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.8

88 15.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.452 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY020449.D

Acq: 26 Nov 2024 14:21

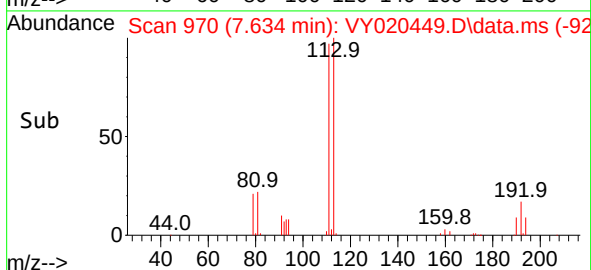
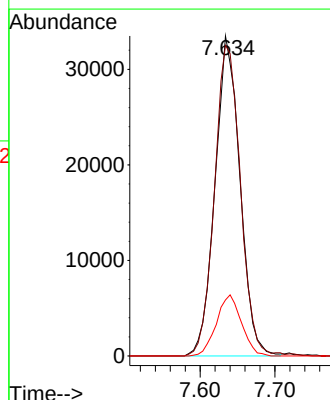
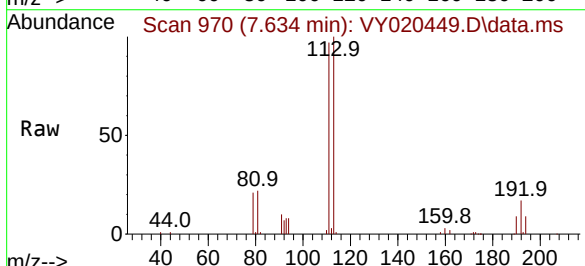
Tgt Ion:113 Resp: 77570

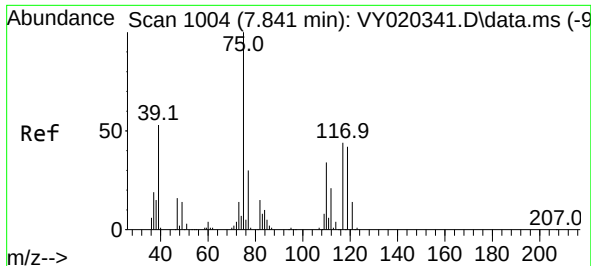
Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

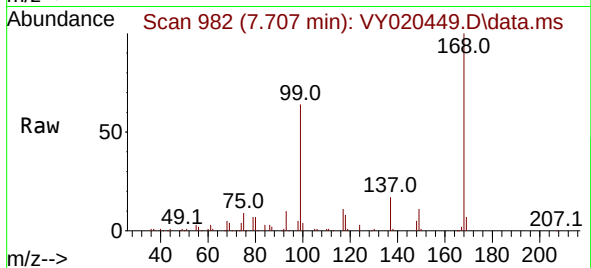
192 19.2 15.1 22.7



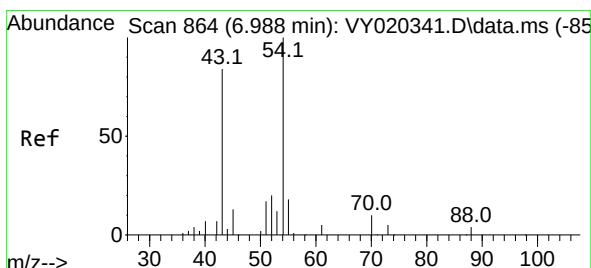
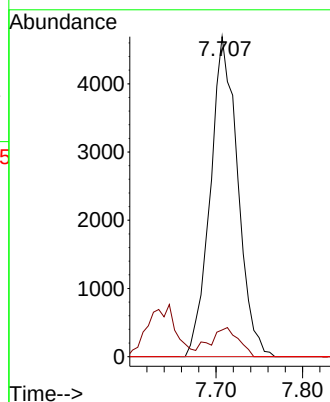
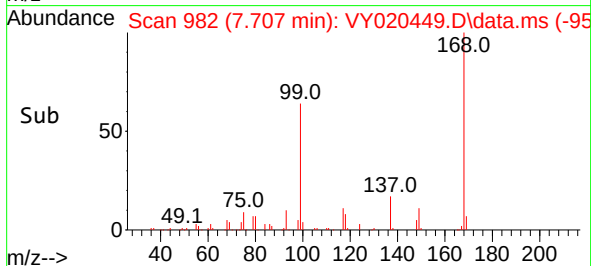


#36
 1,1-Dichloropropene
 Concen: 4.395 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY020449.D
 Acq: 26 Nov 2024 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :

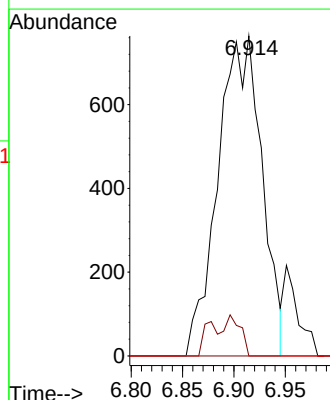
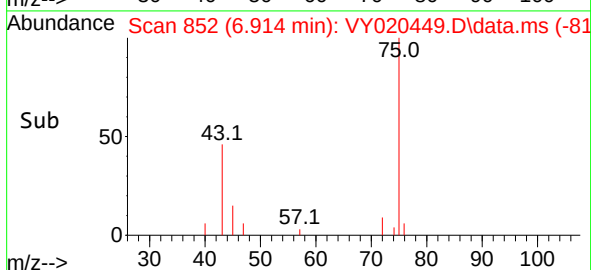
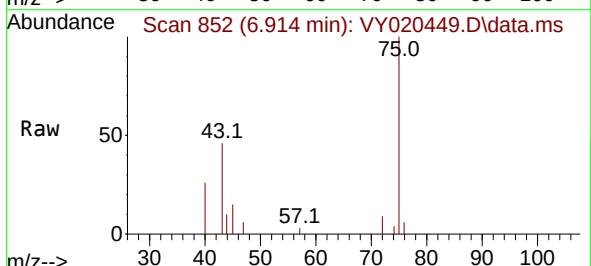


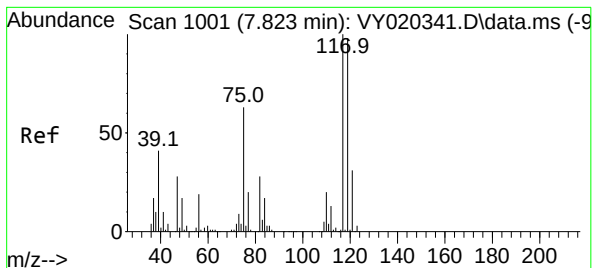
Tgt Ion: 75 Resp: 10320
 Ion Ratio Lower Upper
 75 100
 110 9.3 16.7 50.0#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 2.108 ug/l
 RT: 6.914 min Scan# 852
 Delta R.T. -0.073 min
 Lab File: VY020449.D
 Acq: 26 Nov 2024 14:21

Tgt Ion: 43 Resp: 2268
 Ion Ratio Lower Upper
 43 100
 61 4.8 10.7 16.1#
 70 0.0 7.3 10.9#





#38

Carbon Tetrachloride

Concen: 5.354 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

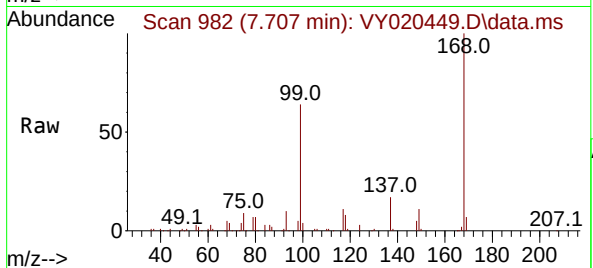
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Acq: 26 Nov 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :



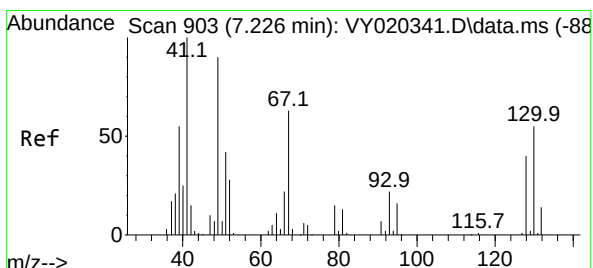
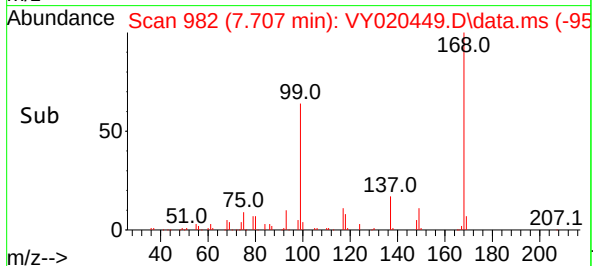
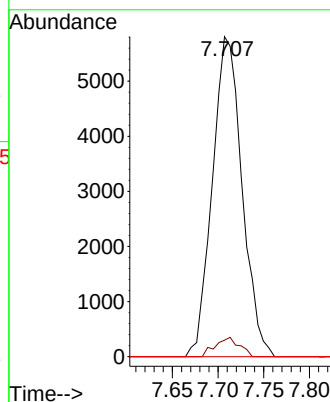
Tgt Ion:117 Resp: 13127

Ion Ratio Lower Upper

117 100

119 5.1 77.8 116.6#

121 0.0 24.6 37.0#



#41

Methacrylonitrile

Concen: 1.230 ug/l

RT: 7.183 min Scan# 896

Delta R.T. -0.043 min

Lab File: VY020449.D

Acq: 26 Nov 2024 14:21

Tgt Ion: 41 Resp: 753

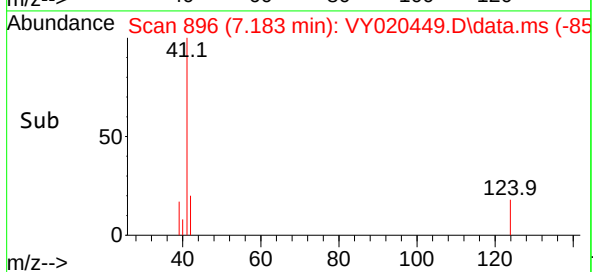
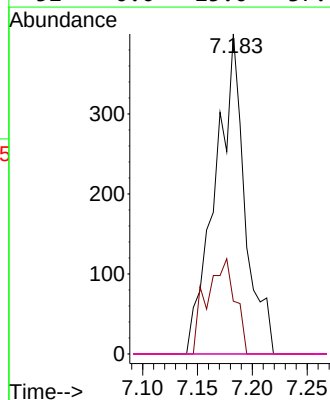
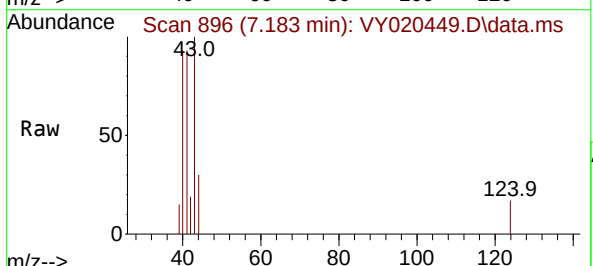
Ion Ratio Lower Upper

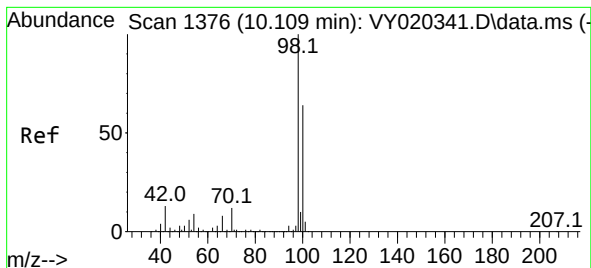
41 100

39 28.4 49.0 73.4#

67 0.0 57.1 85.7#

52 0.0 25.0 37.4#

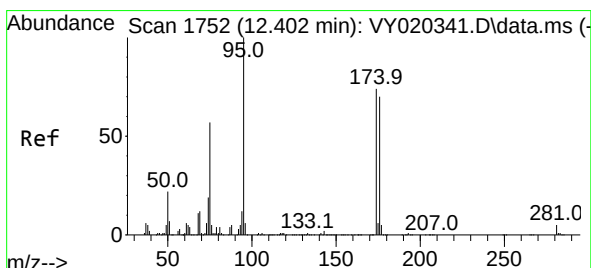
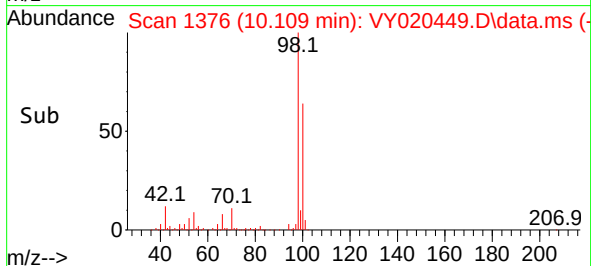
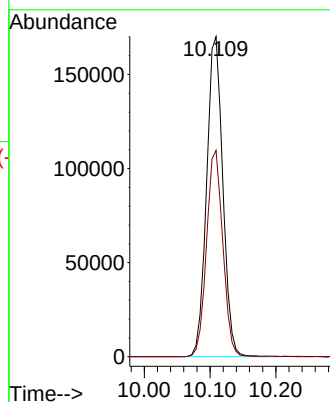
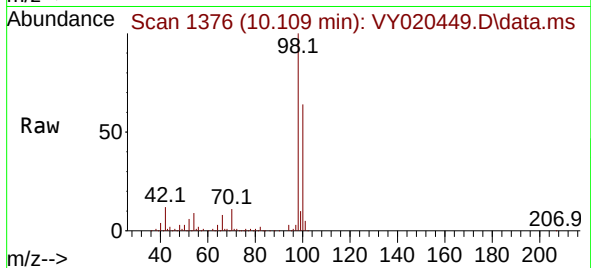




#50
Toluene-d8
Concen: 48.078 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

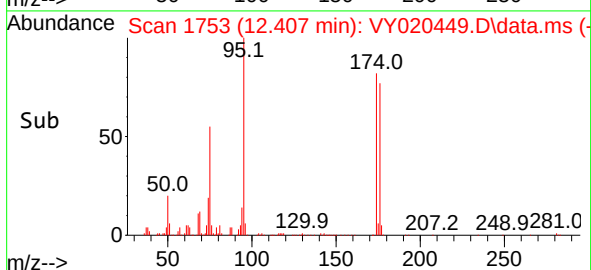
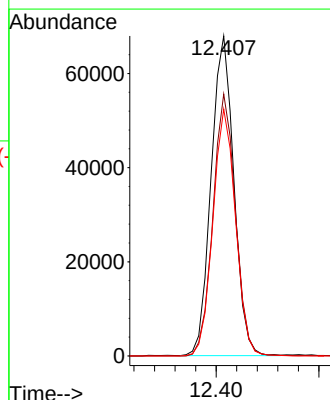
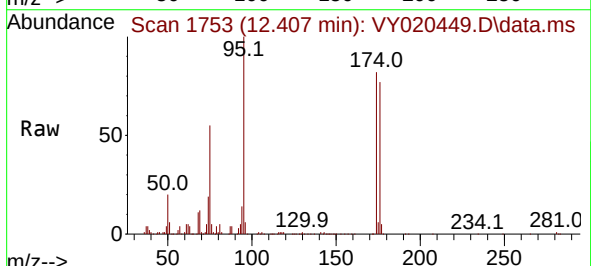
Instrument :
MSVOA_Y
ClientSampleId :

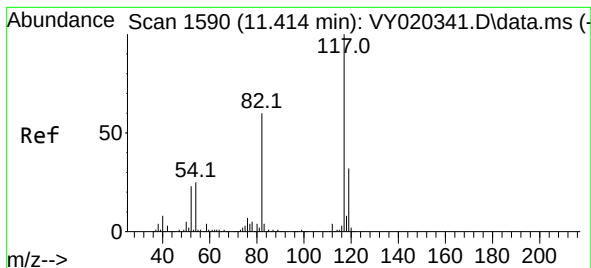
Tgt Ion: 98 Resp: 291188
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 53.358 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020449.D
Acq: 26 Nov 2024 14:21

Tgt Ion: 95 Resp: 103888
Ion Ratio Lower Upper
95 100
174 81.4 0.0 156.8
176 77.1 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020449.D

Acq: 26 Nov 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

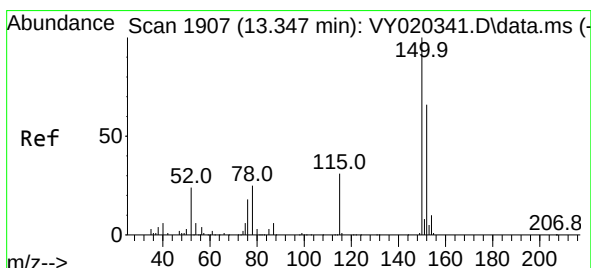
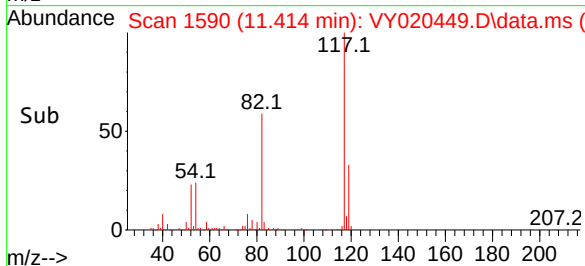
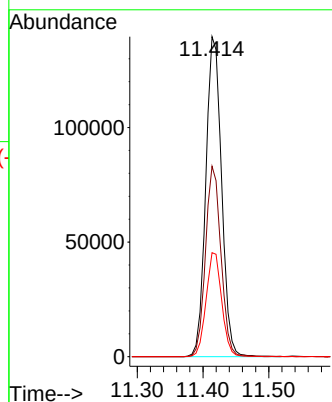
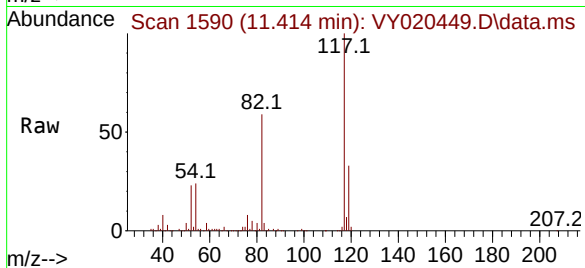
Tgt Ion:117 Resp: 232785

Ion Ratio Lower Upper

117 100

82 59.5 48.2 72.4

119 32.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020449.D

Acq: 26 Nov 2024 14:21

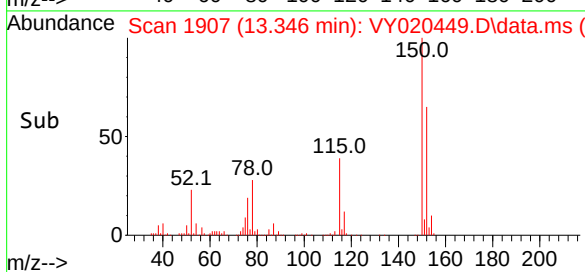
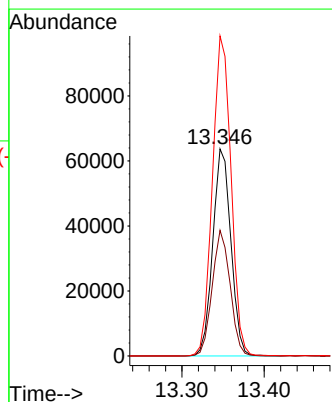
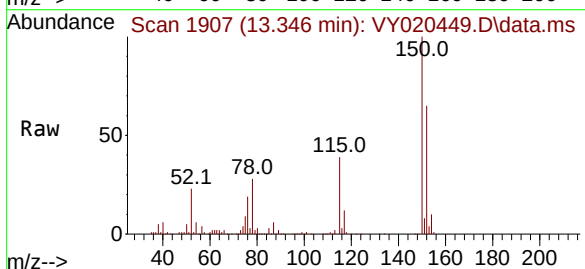
Tgt Ion:152 Resp: 97603

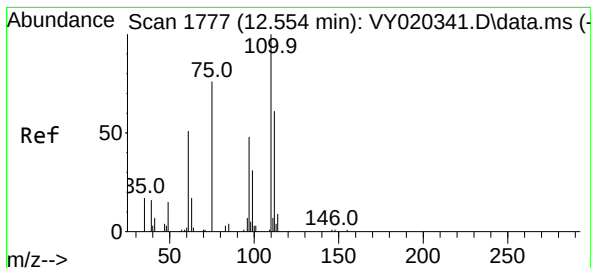
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 158.3 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 63.502 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.147 min

Lab File: VY020449.D

Acq: 26 Nov 2024 14:21

Instrument :

MSVOA_Y

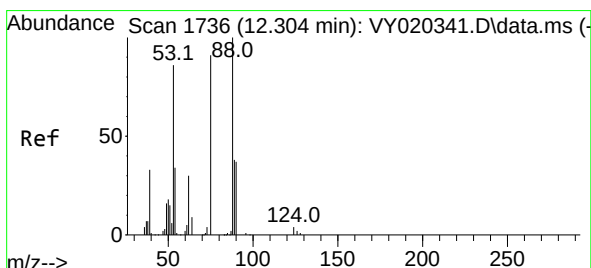
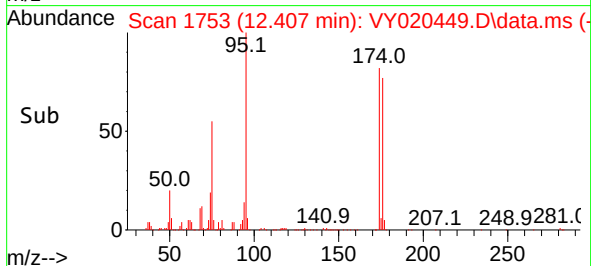
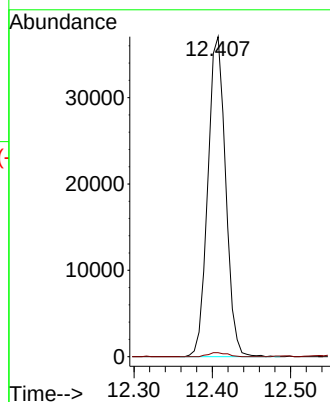
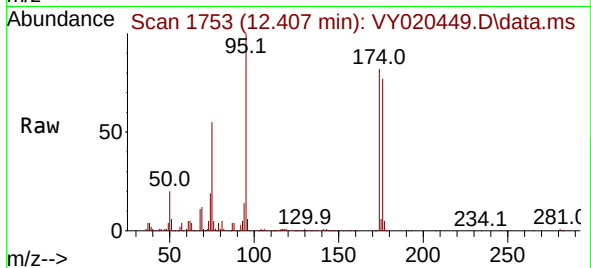
ClientSampleId :

Tgt Ion: 75 Resp: 58418

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 124.430 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.103 min

Lab File: VY020449.D

Acq: 26 Nov 2024 14:21

Tgt Ion: 75 Resp: 58418

Ion Ratio Lower Upper

75 100

53 0.1 81.1 121.7#

89 0.0 35.1 52.7#

