

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020254.D
 Acq On : 11 Nov 2024 17:32
 Operator : SY/MD
 Sample : P4798-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 12 03:14:06 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)

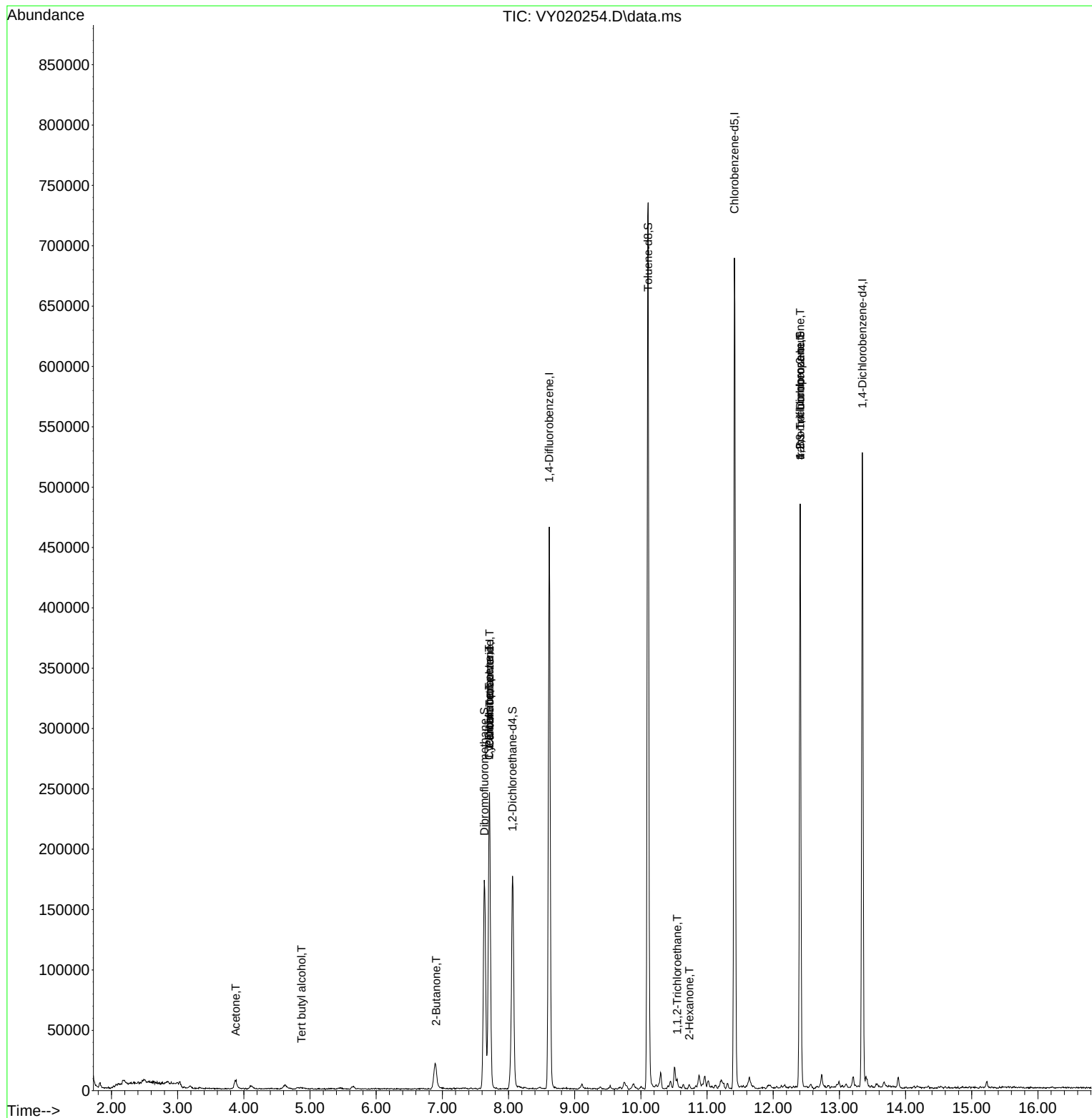
Internal Standards						
1) Pentafluorobenzene	7.713	168	167706	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	355713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	335791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	112524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	126984	60.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.340%	
35) Dibromofluoromethane	7.634	113	123620	54.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.320%	
50) Toluene-d8	10.109	98	453103	50.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	12.408	95	137284	46.950	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	814	5.407	ug/l	# 88
16) Acetone	3.879	43	13488	27.710	ug/l	# 80
25) 2-Butanone	6.909	43	4385	6.646	ug/l	88
31) Cyclohexane	7.707	56	4950	1.303	ug/l	# 9
36) 1,1-Dichloropropene	7.707	75	17325	4.959	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	20096	5.720	ug/l	# 16
55) 1,1,2-Trichloroethane	10.548	97	2485	1.512	ug/l	# 22
59) 2-Hexanone	10.731	43	1408	1.190	ug/l	# 19
76) 1,2,3-Trichloropropane	12.408	75	81385	77.157	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	81385	165.962	ug/l	# 16

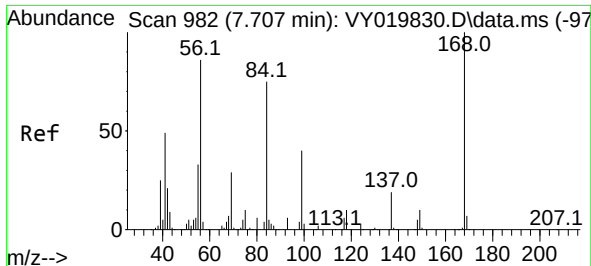
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
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Quant Time: Nov 12 03:14:06 2024
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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

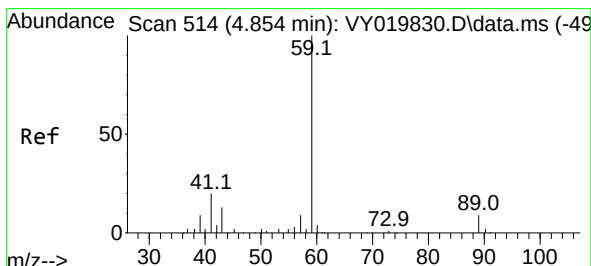
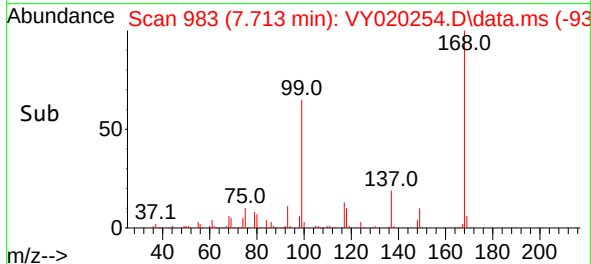
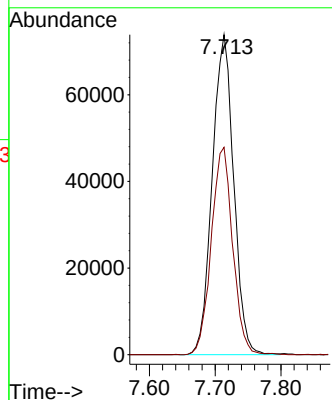
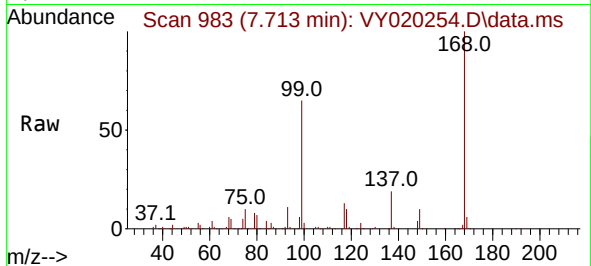




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

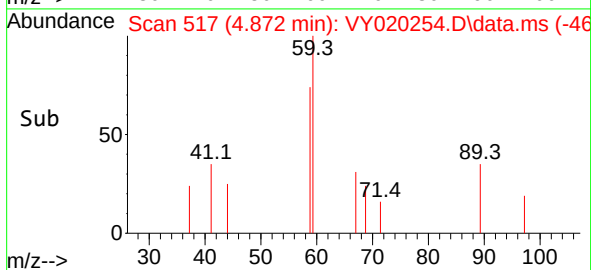
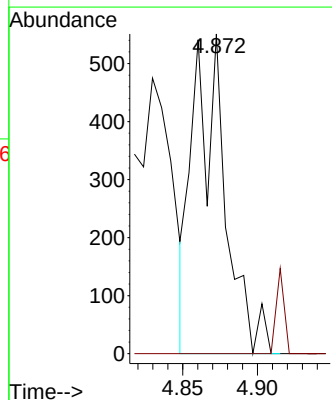
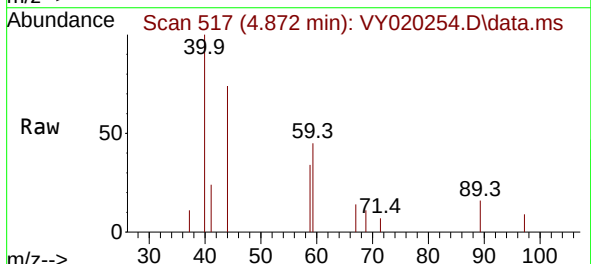
Instrument :
MSVOA_Y
ClientSampleId :

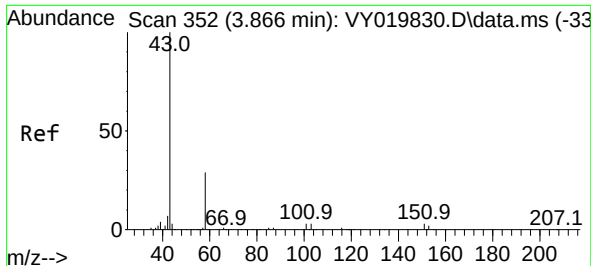
Tgt Ion:168 Resp: 167706
Ion Ratio Lower Upper
168 100
99 64.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: 5.407 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

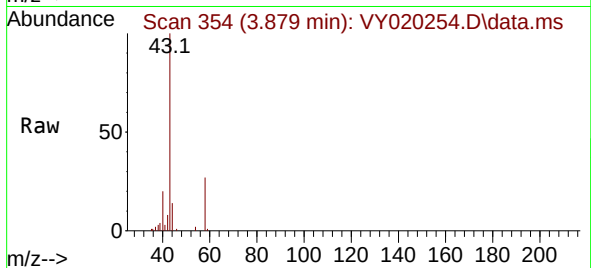
Tgt Ion: 59 Resp: 814
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



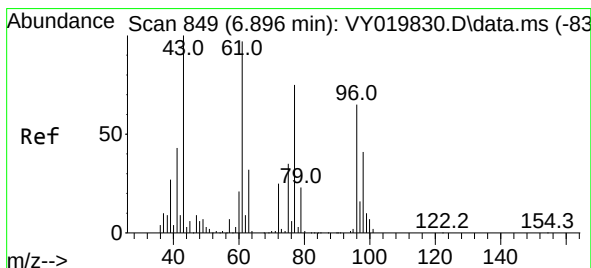
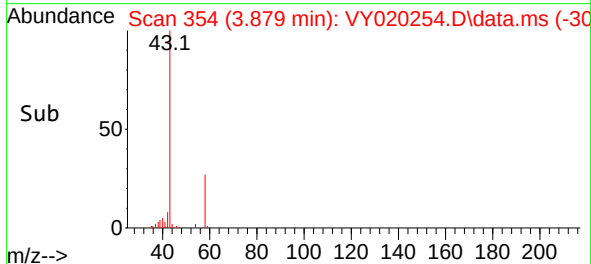
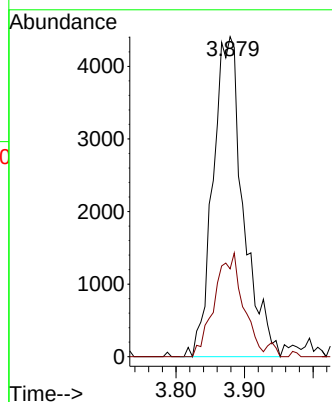


#16
Acetone
Concen: 27.710 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Instrument :
MSVOA_Y
ClientSampleId :

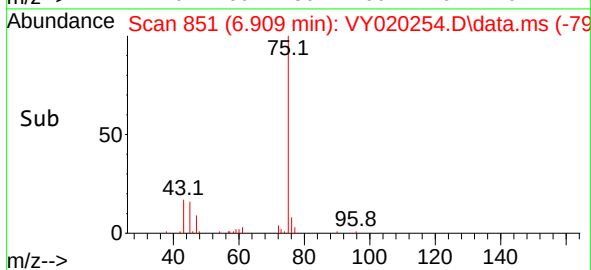
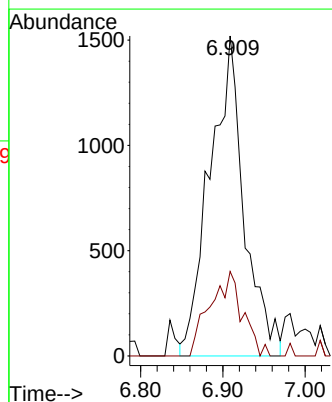
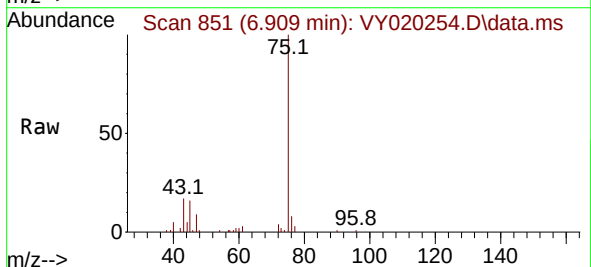


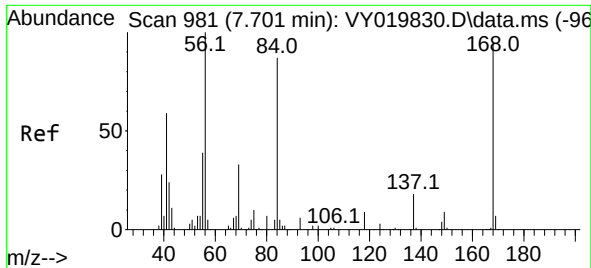
Tgt Ion: 43 Resp: 13488
Ion Ratio Lower Upper
43 100
58 27.4 31.7 47.5#



#25
2-Butanone
Concen: 6.646 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.019 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Tgt Ion: 43 Resp: 4385
Ion Ratio Lower Upper
43 100
72 27.4 27.3 40.9

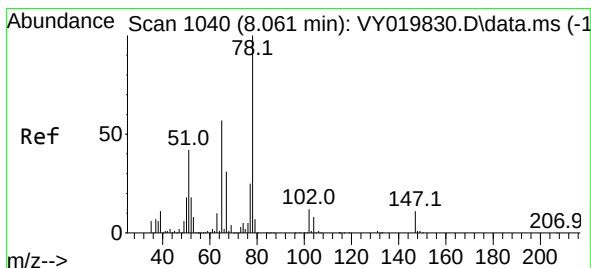
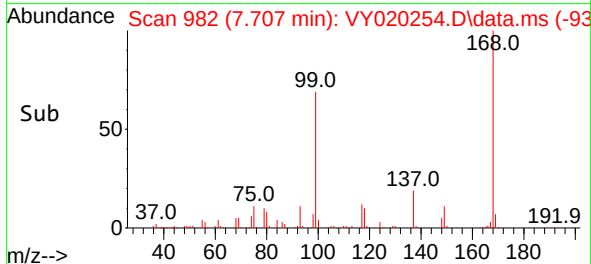
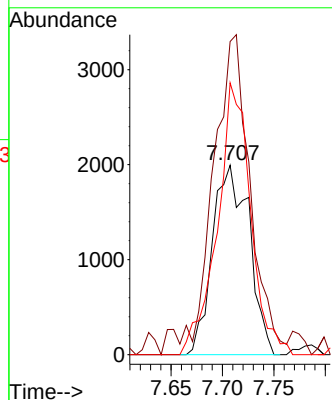
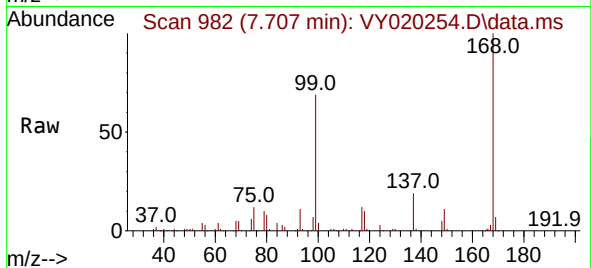




#31
Cyclohexane
Concen: 1.303 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

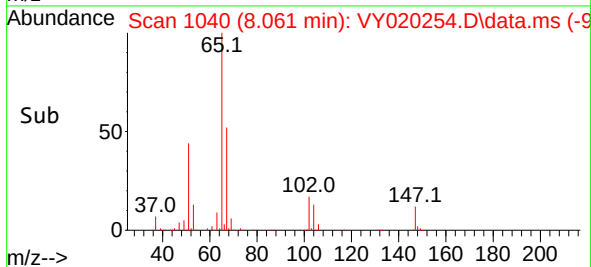
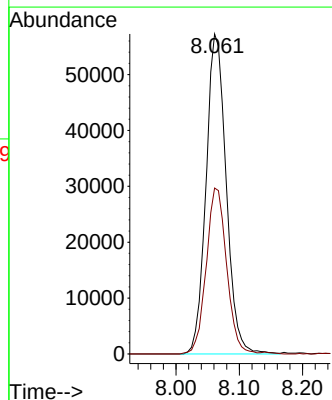
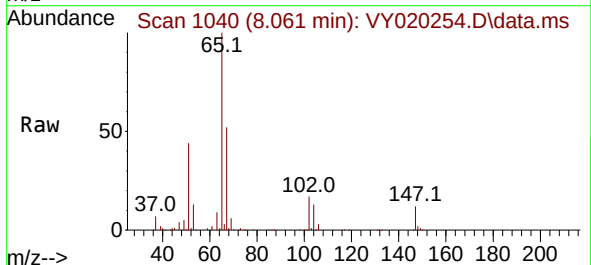
Instrument :
MSVOA_Y
ClientSampleId :

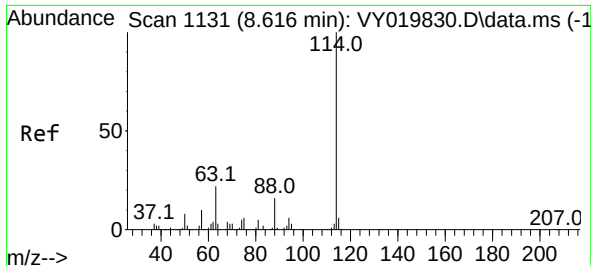
Tgt Ion: 56 Resp: 4950
Ion Ratio Lower Upper
56 100
69 159.7 28.7 43.1#
84 143.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 60.668 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

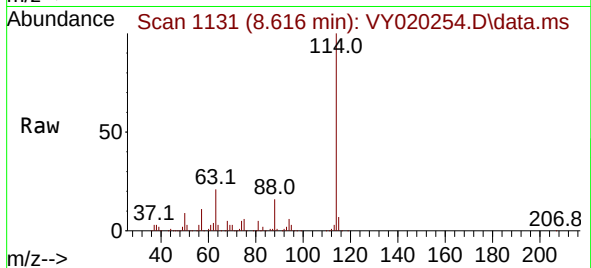
Tgt Ion: 65 Resp: 126984
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6



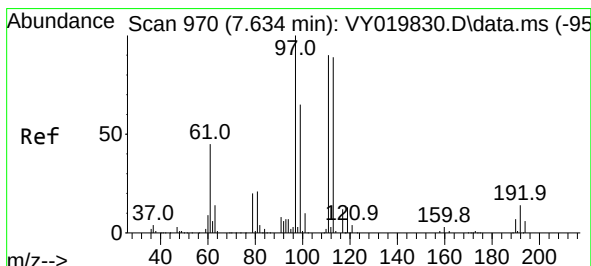
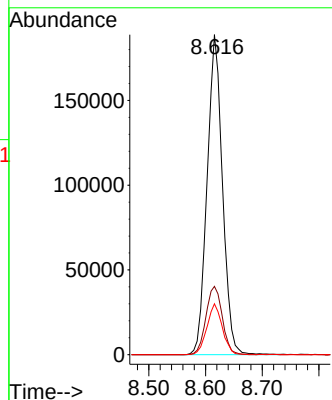
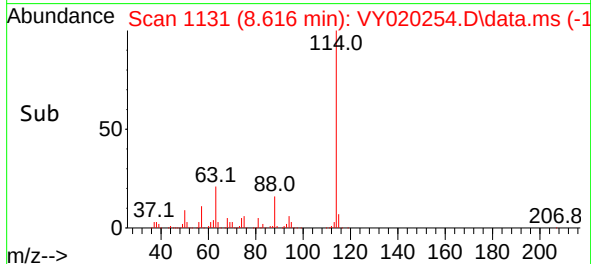


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Instrument :
MSVOA_Y
ClientSampleId :

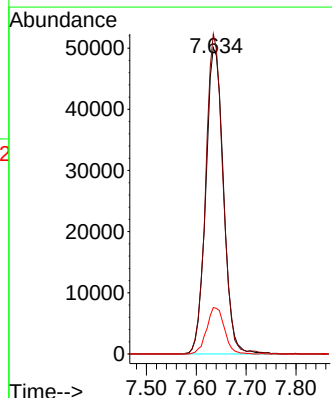
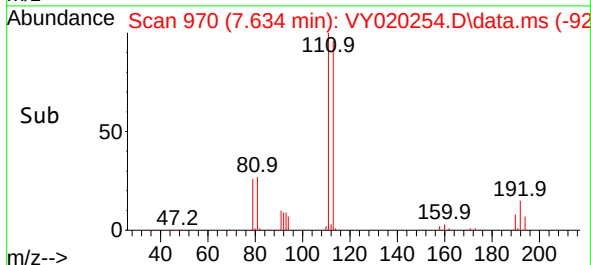
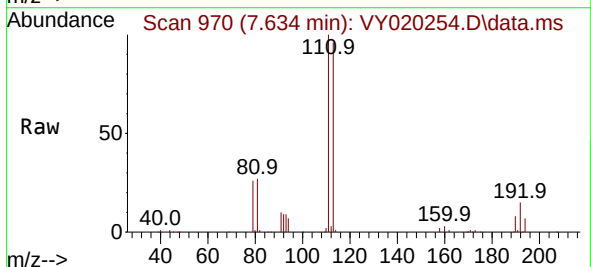


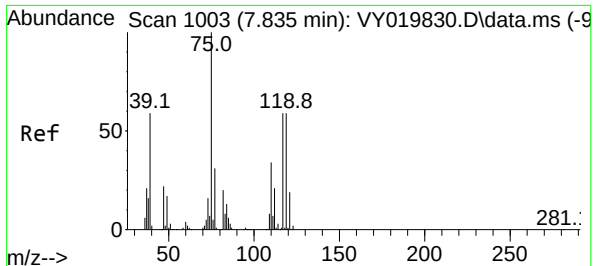
Tgt Ion:114 Resp: 355713
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 15.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.660 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Tgt Ion:113 Resp: 123620
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 15.2 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 4.959 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020254.D

Acq: 11 Nov 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

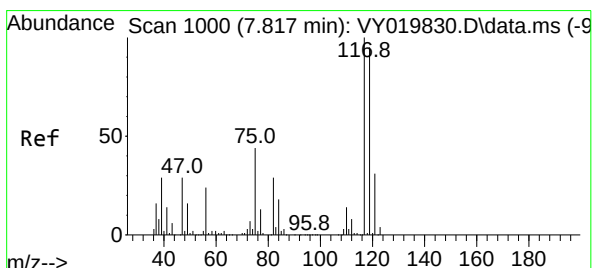
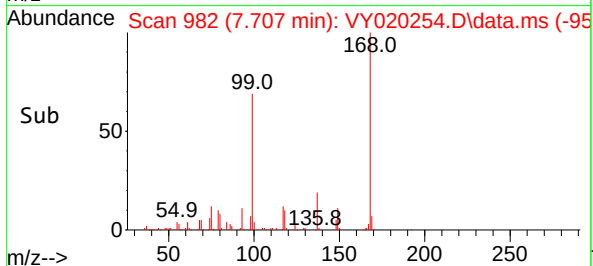
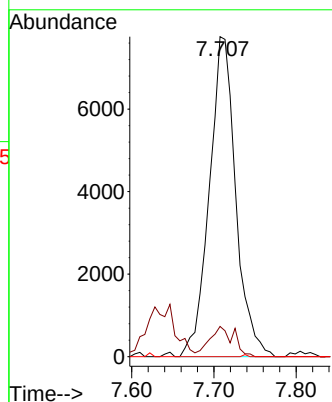
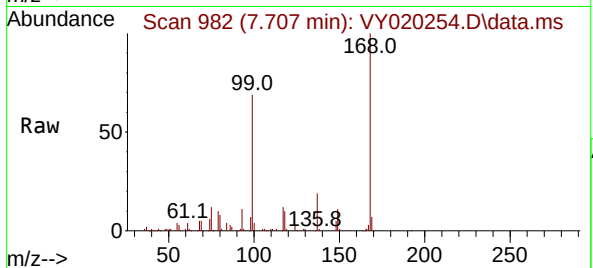
Tgt Ion: 75 Resp: 17325

Ion Ratio Lower Upper

75 100

110 8.7 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.720 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020254.D

Acq: 11 Nov 2024 17:32

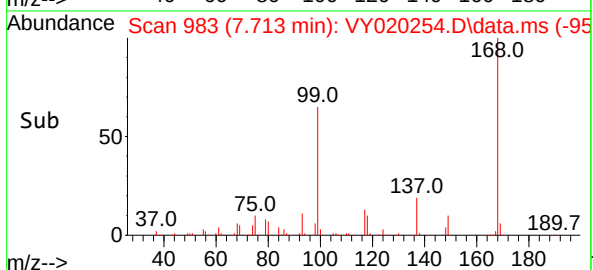
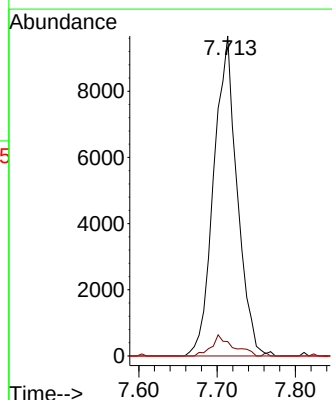
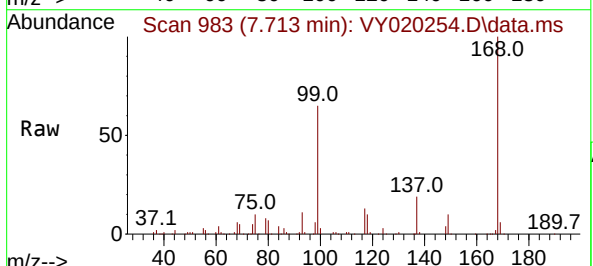
Tgt Ion: 117 Resp: 20096

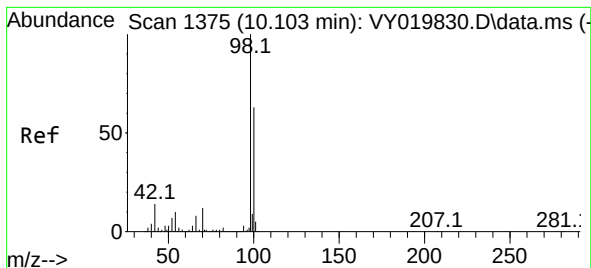
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 50.332 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020254.D

Acq: 11 Nov 2024 17:32

Instrument :

MSVOA_Y

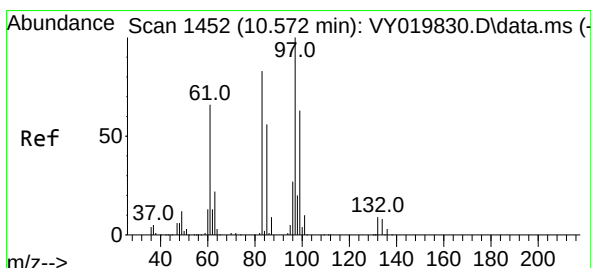
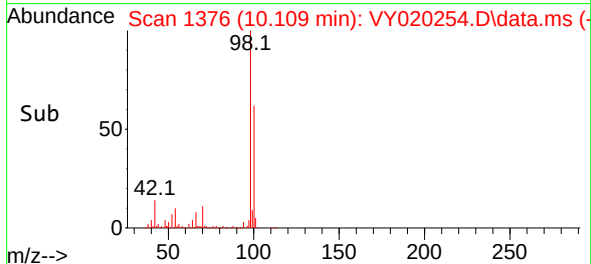
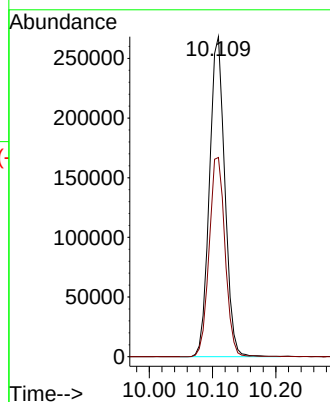
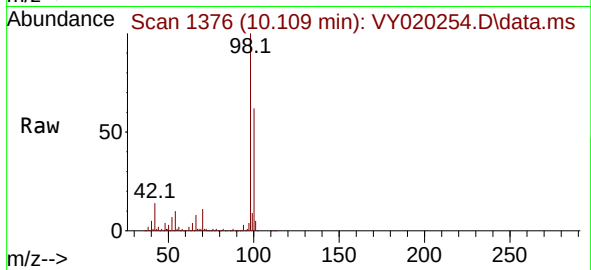
ClientSampleId :

Tgt Ion: 98 Resp: 453103

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#55

1,1,2-Trichloroethane

Concen: 1.512 ug/l

RT: 10.548 min Scan# 1448

Delta R.T. -0.024 min

Lab File: VY020254.D

Acq: 11 Nov 2024 17:32

Tgt Ion: 97 Resp: 2485

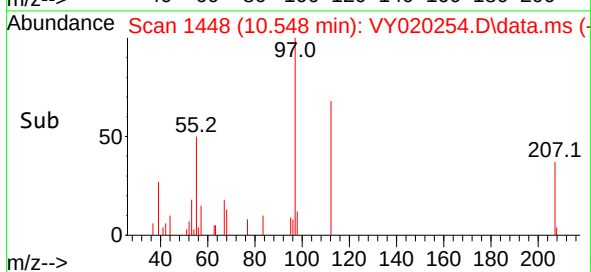
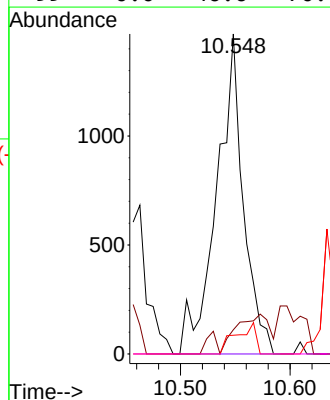
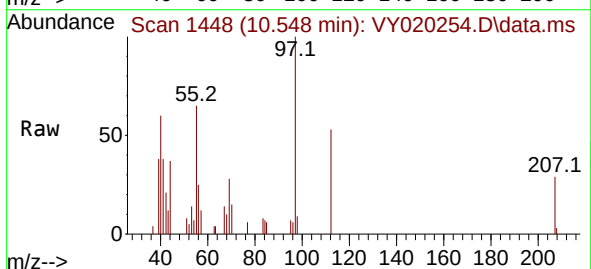
Ion Ratio Lower Upper

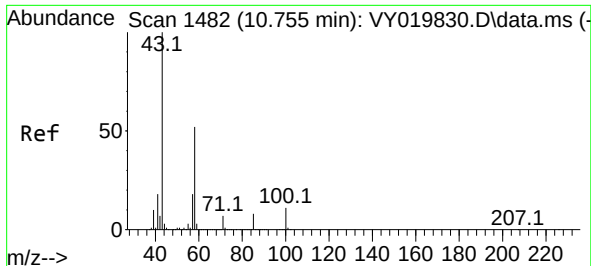
97 100

83 7.6 67.5 101.3#

85 5.9 42.9 64.3#

99 0.0 46.6 70.0#

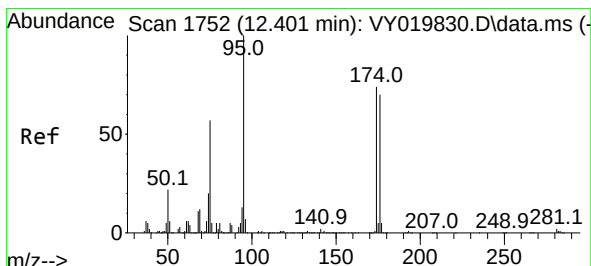
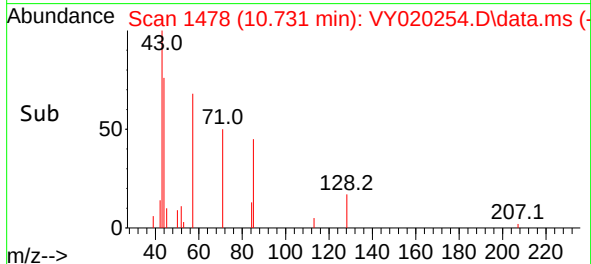
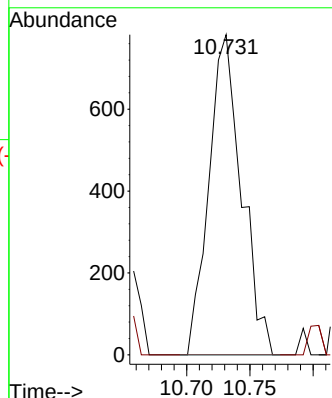
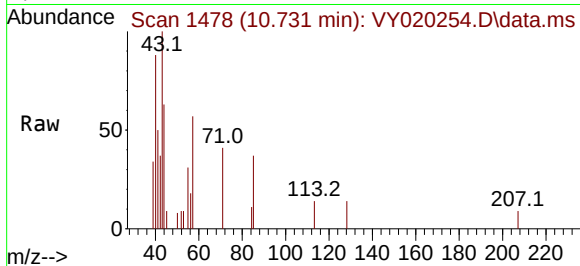




#59
2-Hexanone
Concen: 1.190 ug/l
RT: 10.731 min Scan# 1482
Delta R.T. -0.030 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

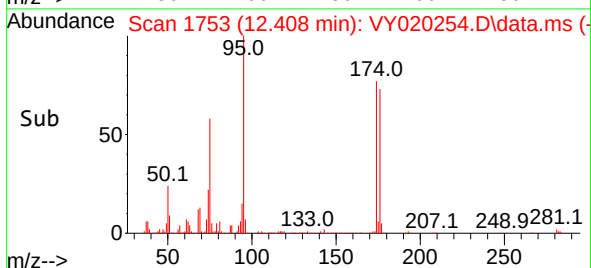
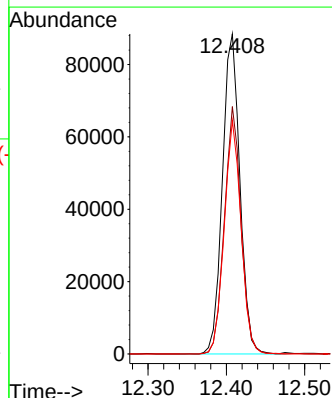
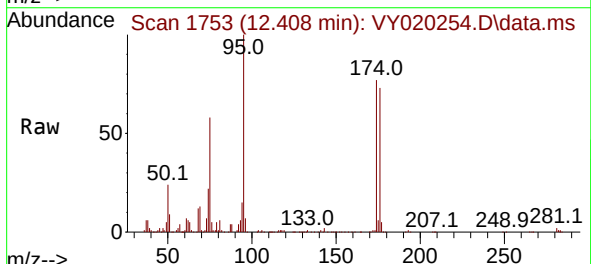
Instrument :
MSVOA_Y
ClientSampleId :

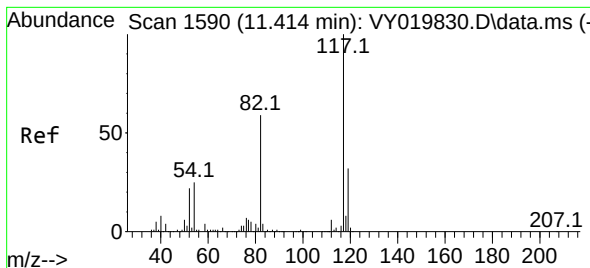
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#



#62
4-Bromofluorobenzene
Concen: 46.950 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Tgt Ion: 95 Resp: 137284
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 70.5 0.0 171.4

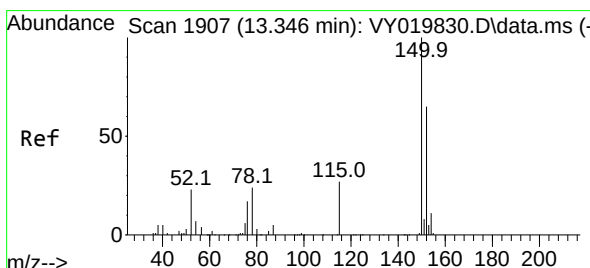
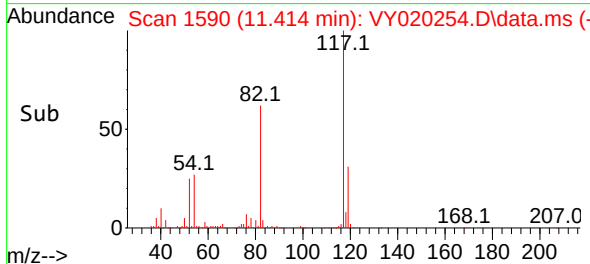
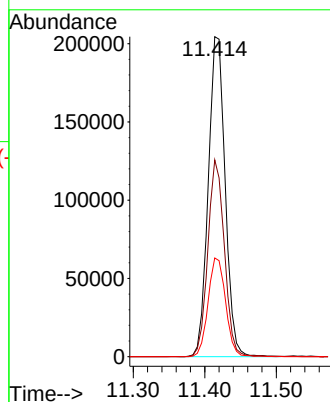
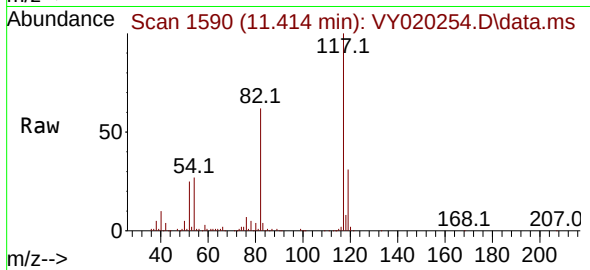




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

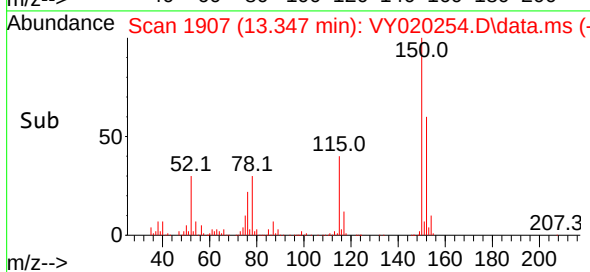
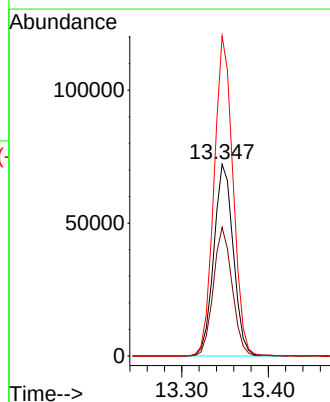
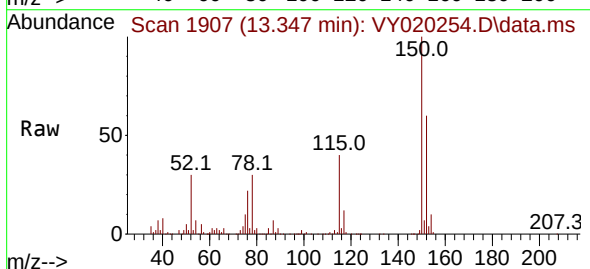
Instrument :
MSVOA_Y
ClientSampleId :

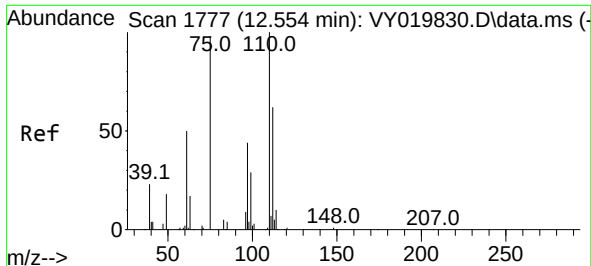
Tgt Ion:117 Resp: 335791
Ion Ratio Lower Upper
117 100
82 61.5 42.4 63.6
119 30.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Tgt Ion:152 Resp: 112524
Ion Ratio Lower Upper
152 100
115 64.5 28.2 84.7
150 162.6 0.0 345.6

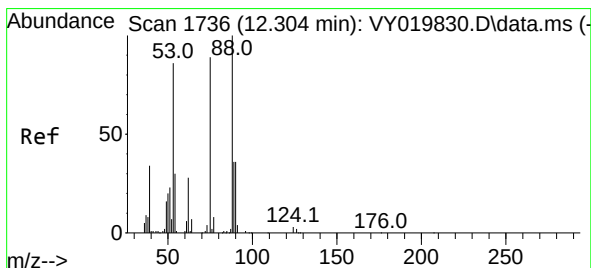
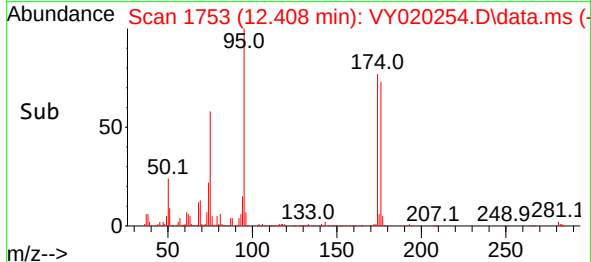
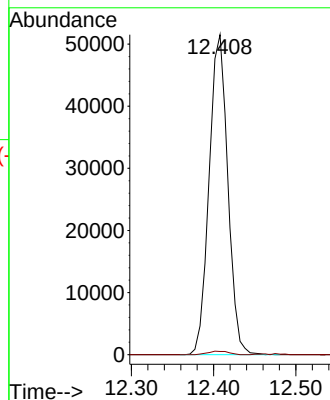
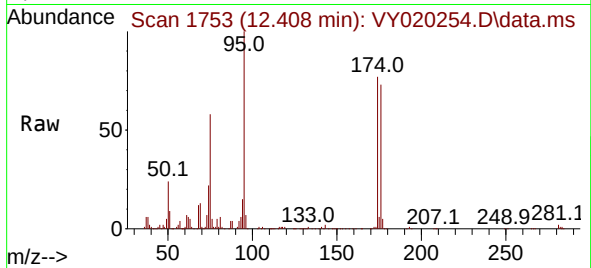




#76
1,2,3-Trichloropropane
Concen: 77.157 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 81385
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 165.962 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020254.D
Acq: 11 Nov 2024 17:32

Tgt Ion: 75 Resp: 81385
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

