

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020272.D
 Acq On : 12 Nov 2024 16:58
 Operator : SY/MD
 Sample : P4816-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 13 00:38:00 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)

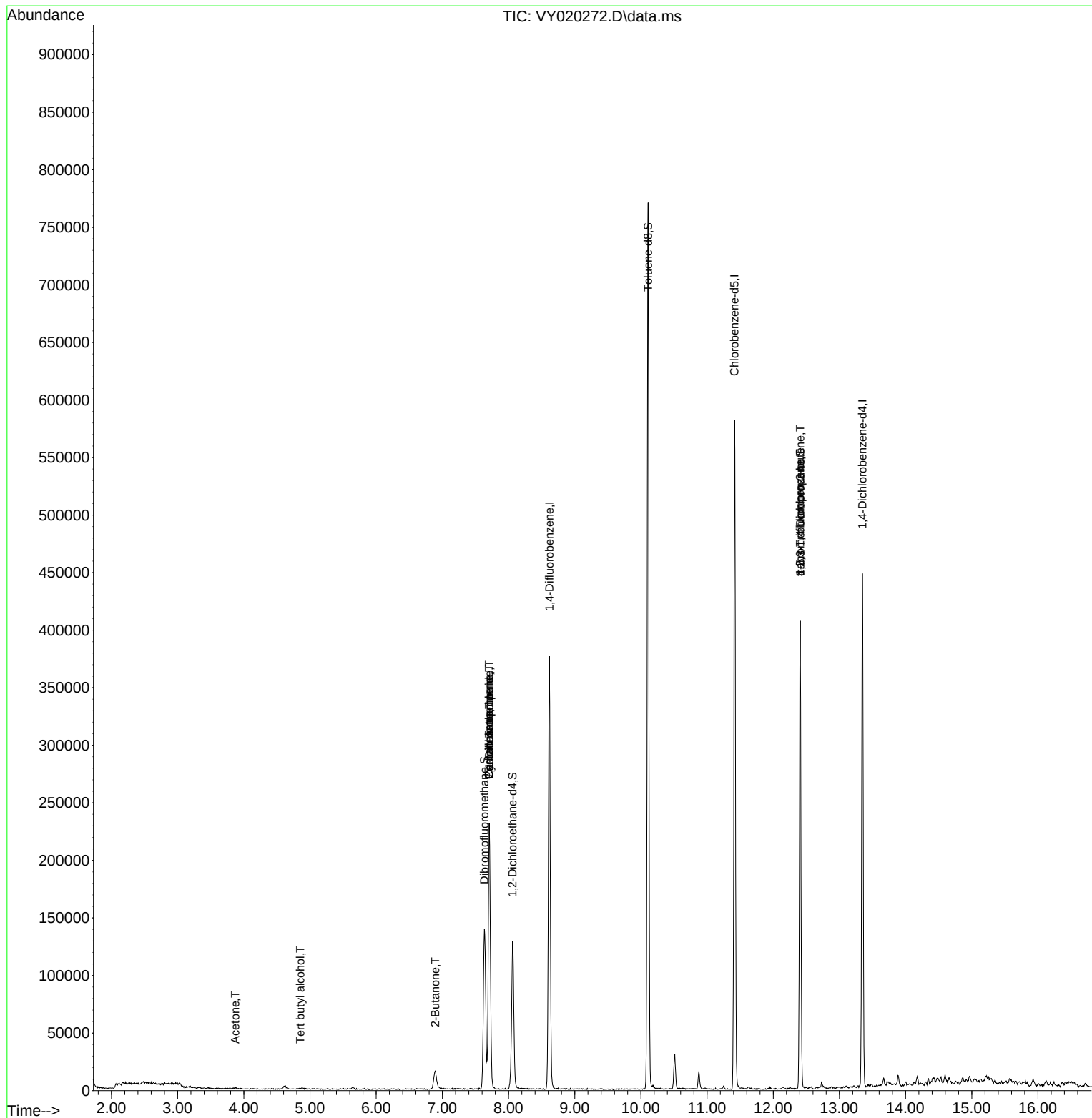
Internal Standards						
1) Pentafluorobenzene	7.707	168	155543	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	288737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	284908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	99112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95767	49.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.660%
35) Dibromofluoromethane	7.634	113	100619	54.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.620%
50) Toluene-d8	10.109	98	482883	66.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	132.160%
62) 4-Bromofluorobenzene	12.408	95	116428	49.054	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	249	1.783	ug/l #	88
16) Acetone	3.873	43	1373	3.041	ug/l	95
25) 2-Butanone	6.890	43	1274	2.082	ug/l #	41
31) Cyclohexane	7.707	56	4763	1.352	ug/l #	49
36) 1,1-Dichloropropene	7.707	75	15416	5.436	ug/l #	47
38) Carbon Tetrachloride	7.707	117	17839	6.256	ug/l #	21
76) 1,2,3-Trichloropropane	12.408	75	68229	73.438	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	68229	157.962	ug/l #	16

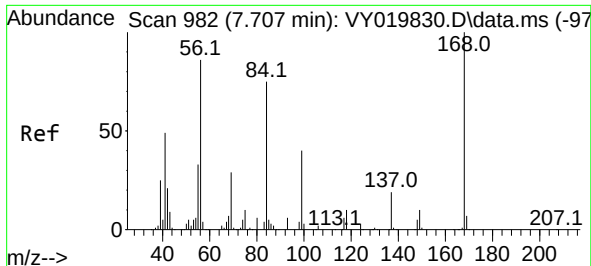
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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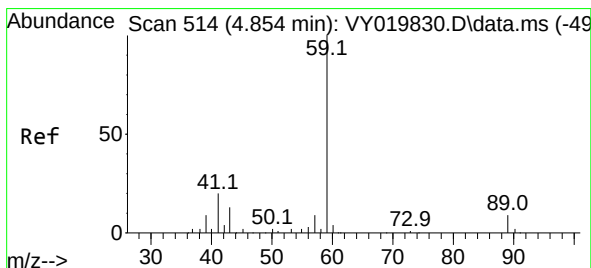
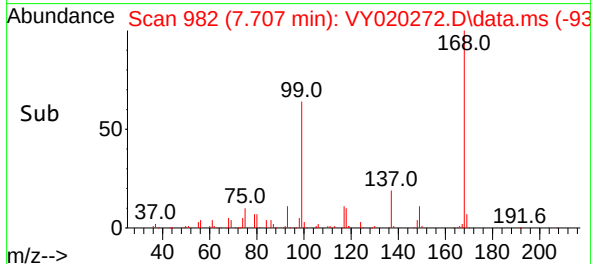
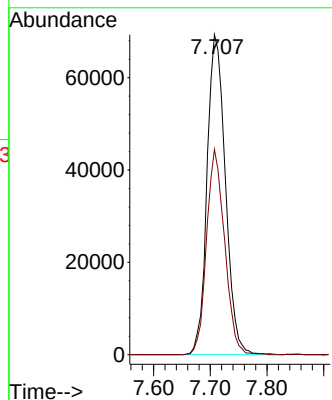
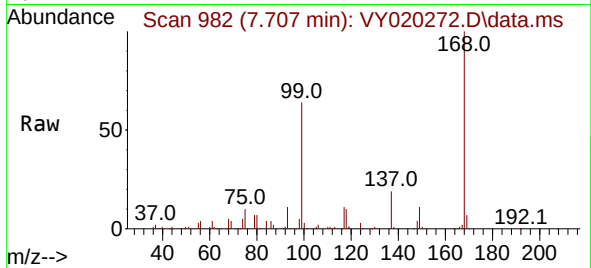




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

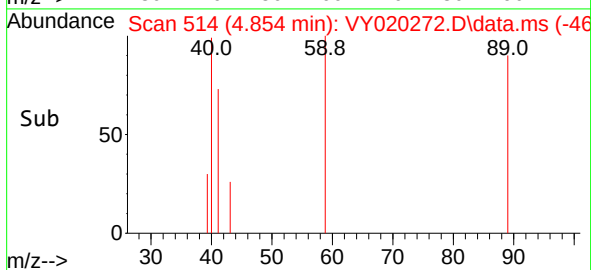
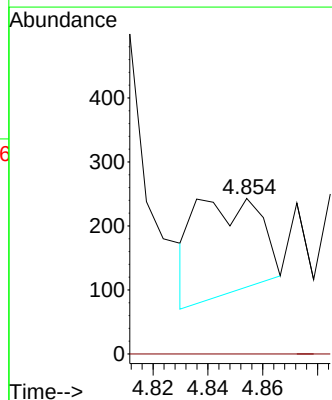
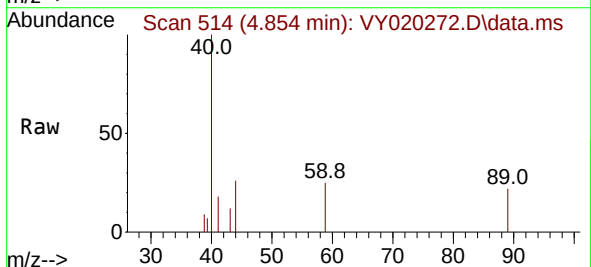
Instrument :
MSVOA_Y
ClientSampleId :

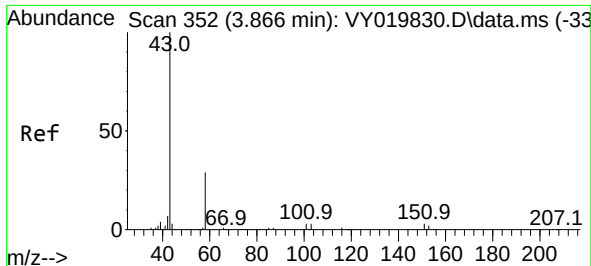
Tgt Ion:168 Resp: 155543
Ion Ratio Lower Upper
168 100
99 64.1 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.783 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

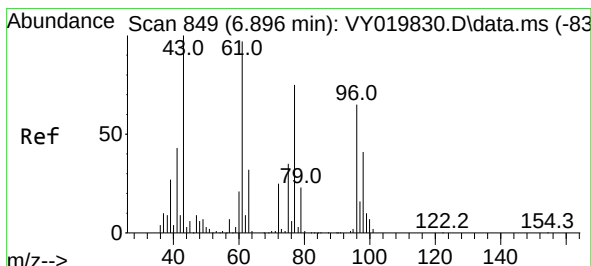
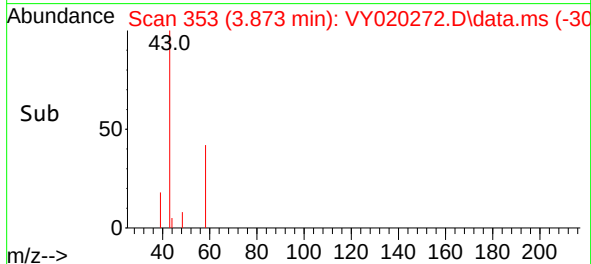
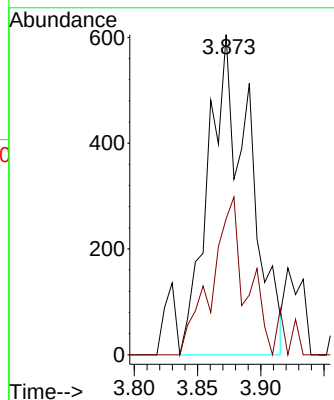
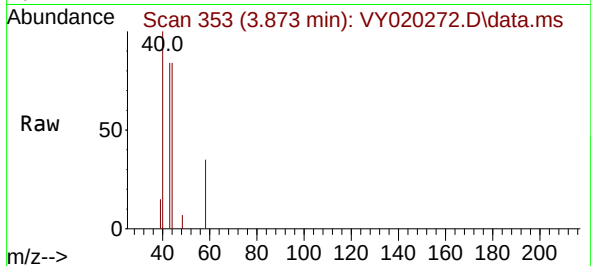




#16
Acetone
Concen: 3.041 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

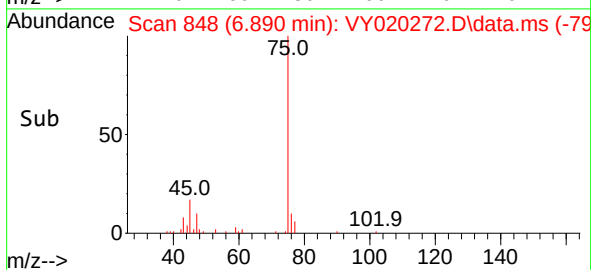
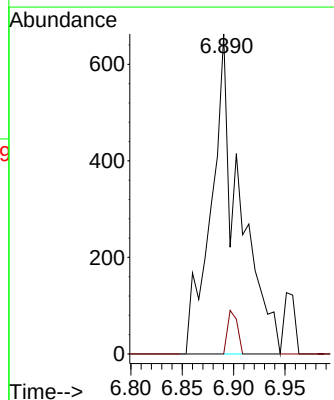
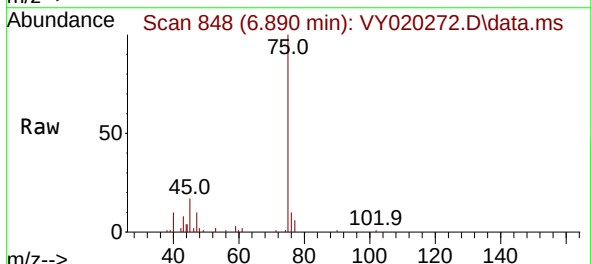
Instrument :
MSVOA_Y
ClientSampleId :

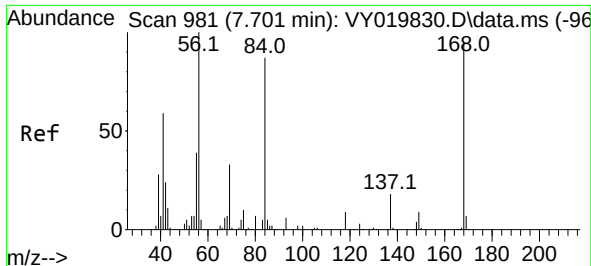
Tgt Ion: 43 Resp: 1373
Ion Ratio Lower Upper
43 100
58 42.5 31.7 47.5



#25
2-Butanone
Concen: 2.082 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

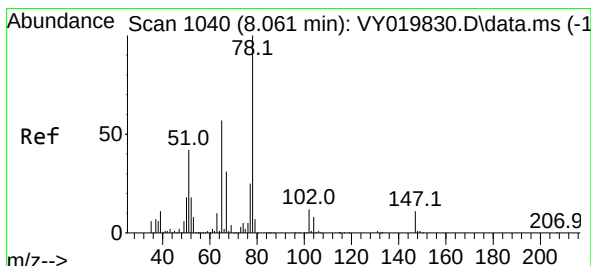
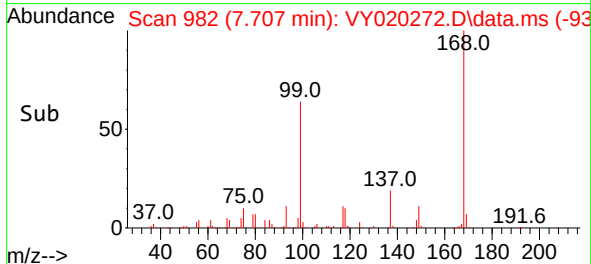
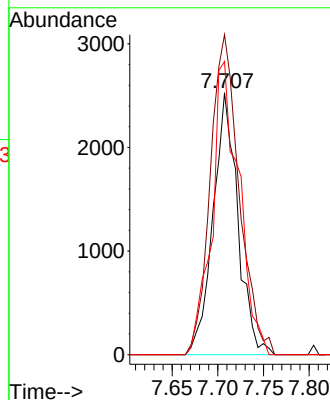
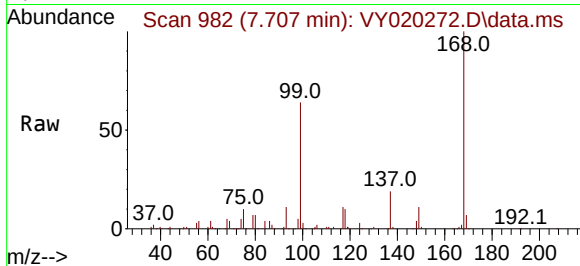




#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

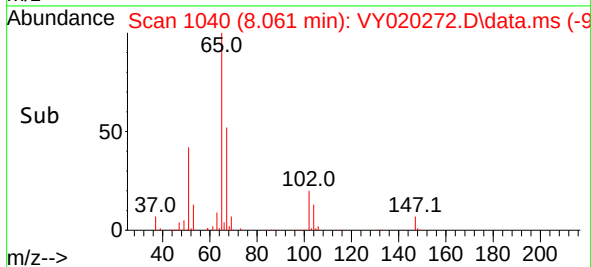
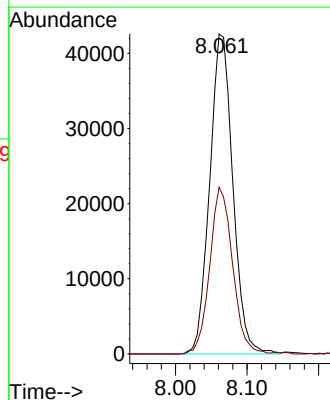
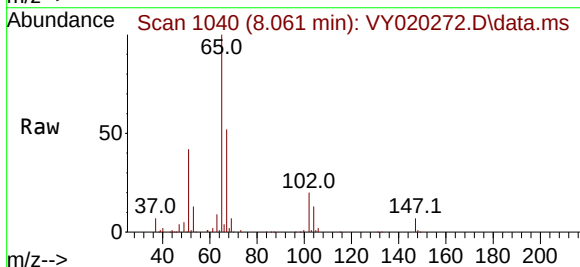
Instrument :
MSVOA_Y
ClientSampleId :

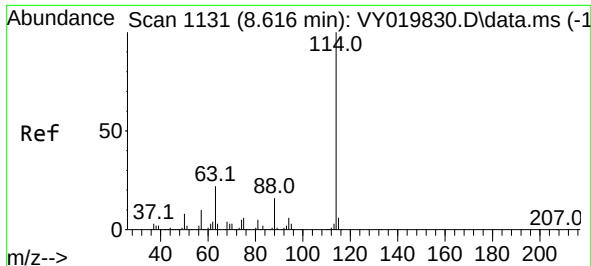
Tgt Ion: 56 Resp: 4763
Ion Ratio Lower Upper
56 100
69 122.2 28.7 43.1#
84 111.9 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 49.332 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

Tgt Ion: 65 Resp: 95767
Ion Ratio Lower Upper
65 100
67 51.4 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

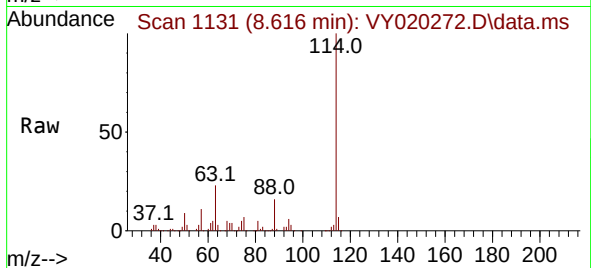
Lab File: VY020272.D

Acq: 12 Nov 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :



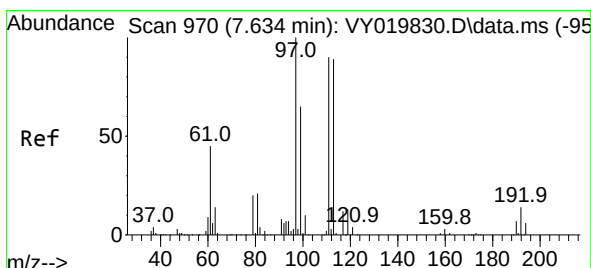
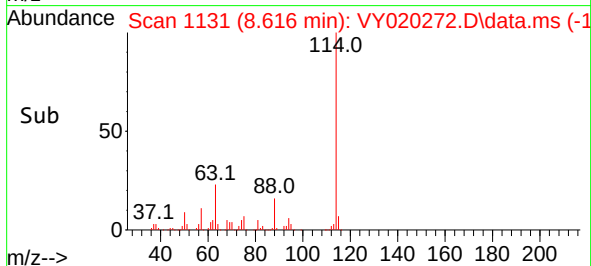
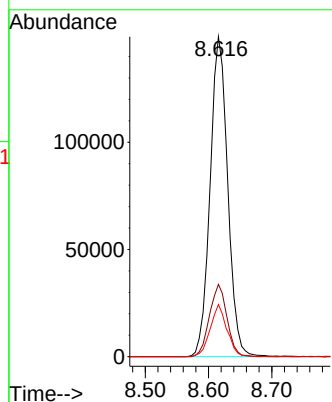
Tgt Ion:114 Resp: 288737

Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

88 16.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.810 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020272.D

Acq: 12 Nov 2024 16:58

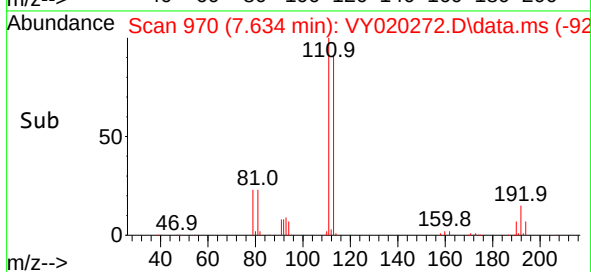
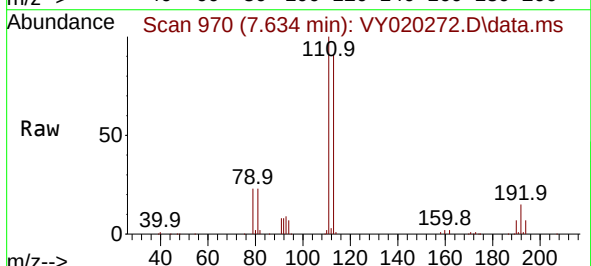
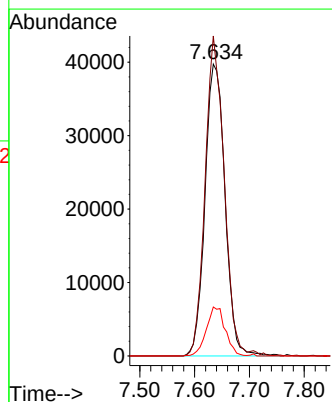
Tgt Ion:113 Resp: 100619

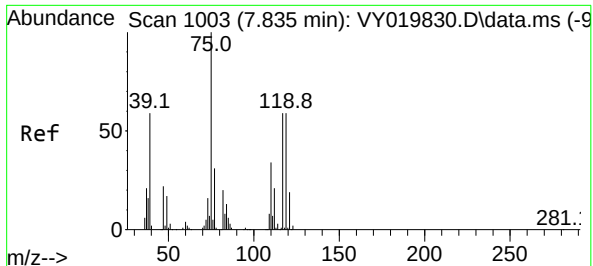
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 15.9 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 5.436 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

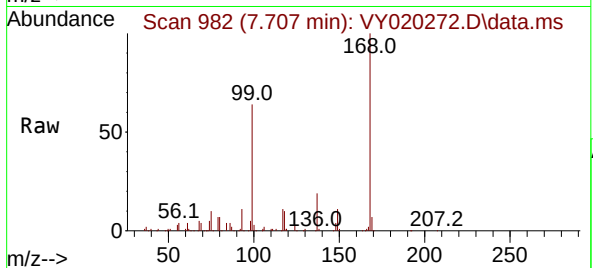
Lab File: VY020272.D

Acq: 12 Nov 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :



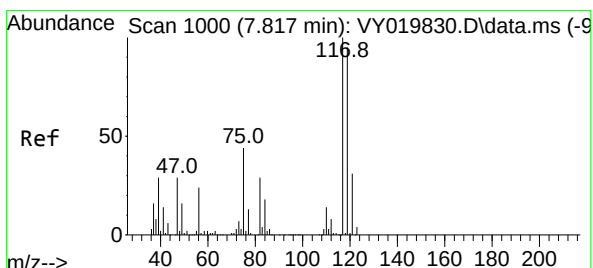
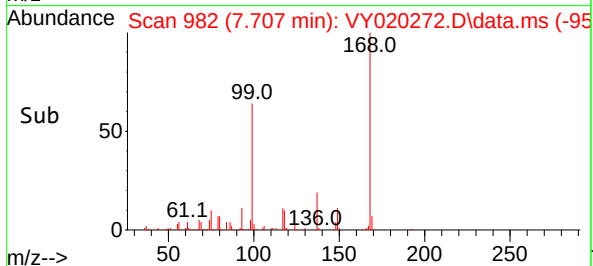
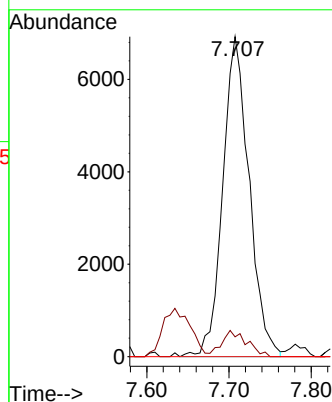
Tgt Ion: 75 Resp: 15416

Ion Ratio Lower Upper

75 100

110 7.7 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.256 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020272.D

Acq: 12 Nov 2024 16:58

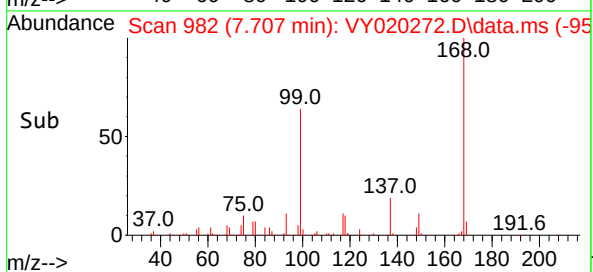
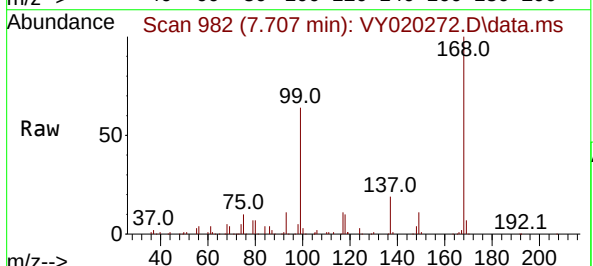
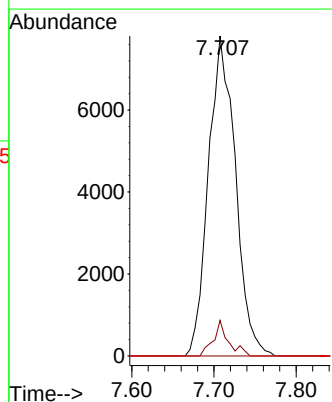
Tgt Ion: 117 Resp: 17839

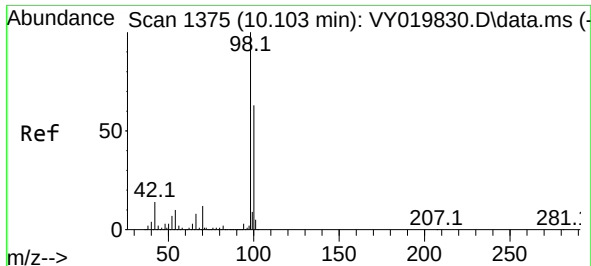
Ion Ratio Lower Upper

117 100

119 11.1 75.8 113.6#

121 0.0 24.0 36.0#

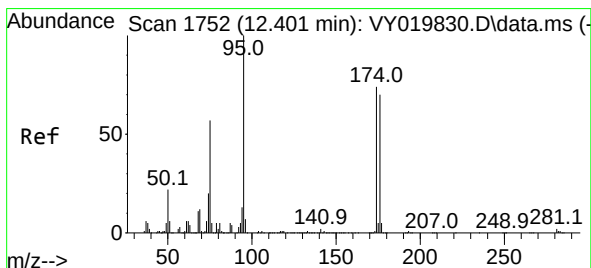
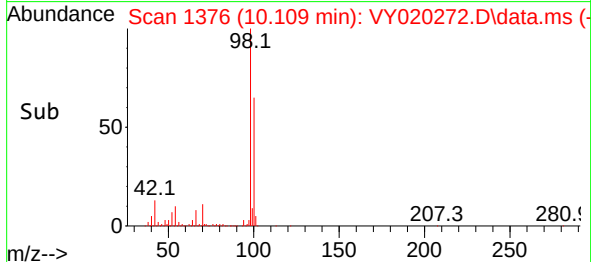
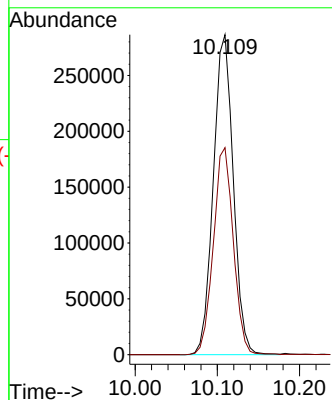
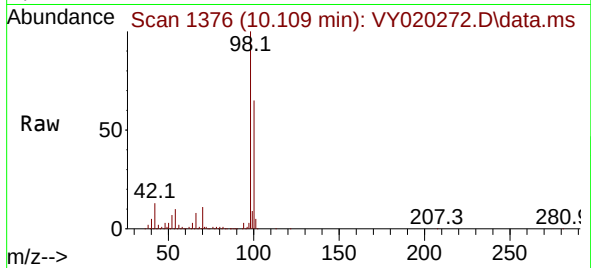




#50
Toluene-d8
Concen: 66.082 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

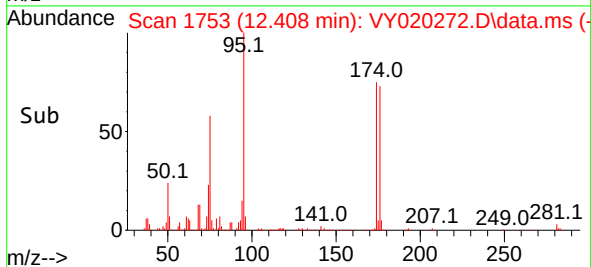
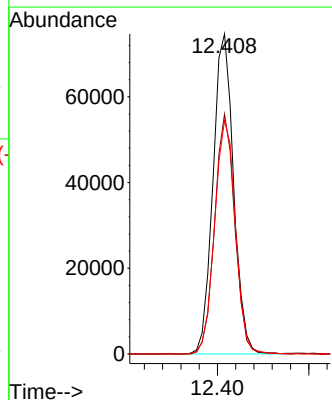
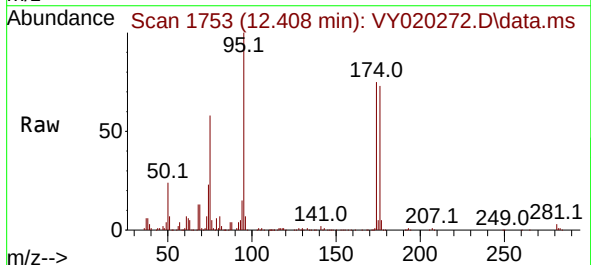
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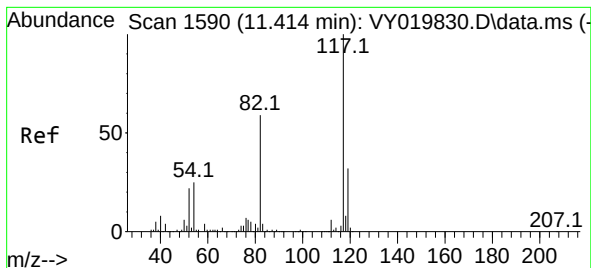
Tgt Ion: 98 Resp: 482883
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.054 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

Tgt Ion: 95 Resp: 116428
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 73.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

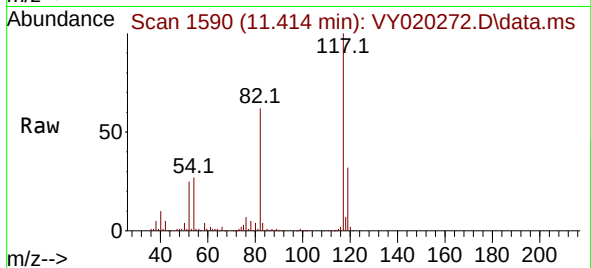
Lab File: VY020272.D

Acq: 12 Nov 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :



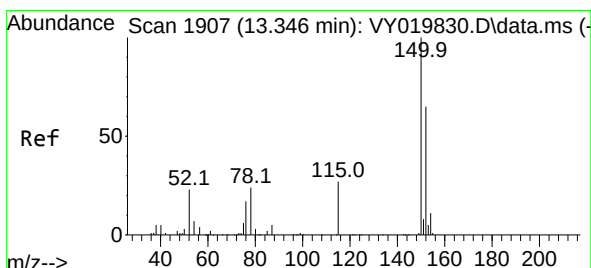
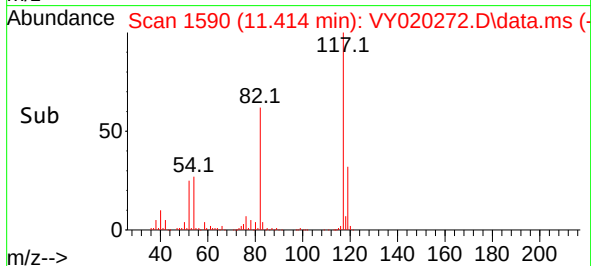
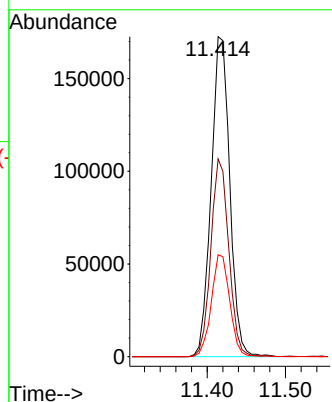
Tgt Ion:117 Resp: 284908

Ion Ratio Lower Upper

117 100

82 61.8 42.4 63.6

119 31.9 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: VY020272.D

Acq: 12 Nov 2024 16:58

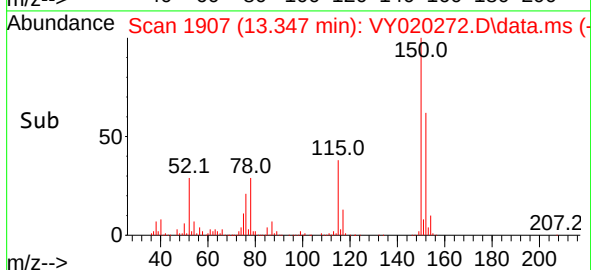
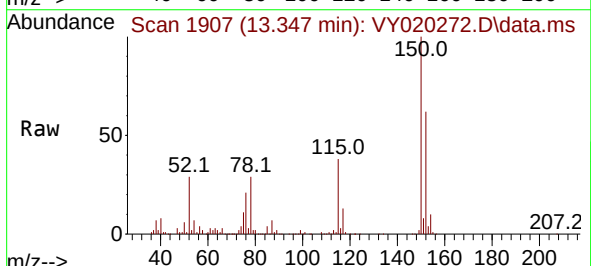
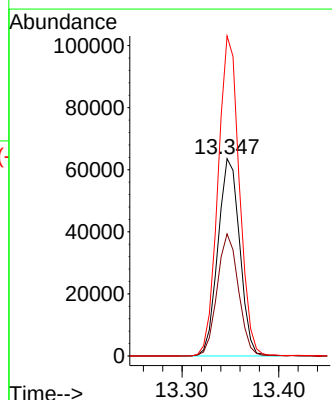
Tgt Ion:152 Resp: 99112

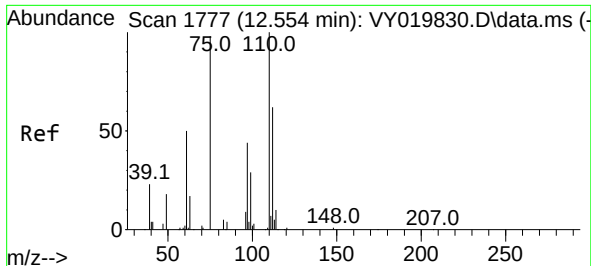
Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 158.9 0.0 345.6

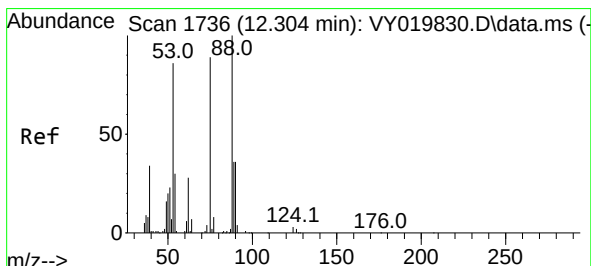
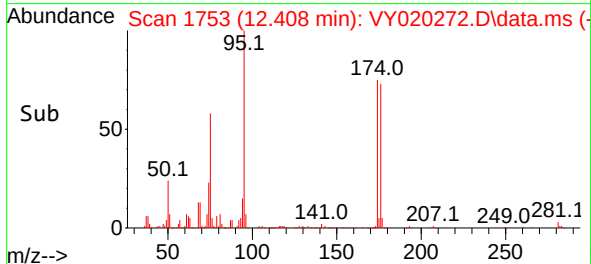
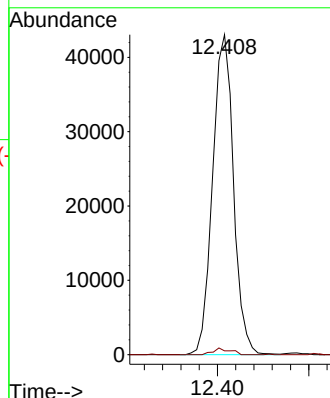
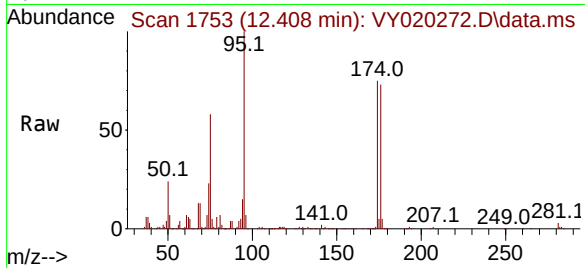




#76
1,2,3-Trichloropropane
Concen: 73.438 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 68229
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 157.962 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020272.D
Acq: 12 Nov 2024 16:58

Tgt Ion: 75 Resp: 68229
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

