

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019872.D
 Acq On : 11 Oct 2024 15:24
 Operator : SY/MD
 Sample : P4385-05
 Misc : 5.49g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:48:16 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)

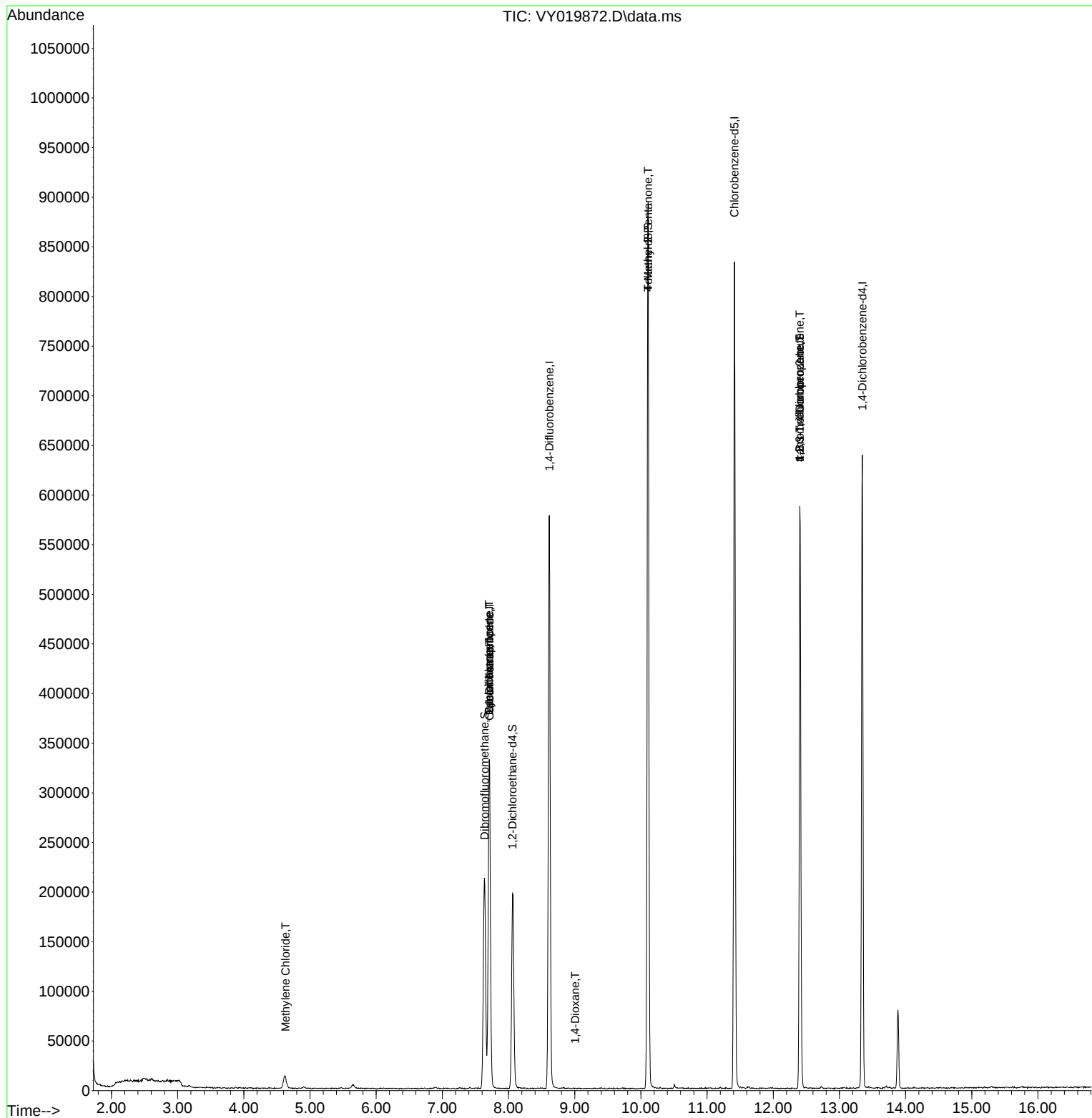
Internal Standards						
1) Pentafluorobenzene	7.707	168	233935	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	466040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	405476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	148777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	158555	55.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.100%
35) Dibromofluoromethane	7.640	113	150840	49.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.109	98	567565	49.976	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.402	95	171205	41.721	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.440%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.629	84	8857	2.430	ug/l	90
31) Cyclohexane	7.707	56	6661	1.384	ug/l	# 37
36) 1,1-Dichloropropene	7.707	75	22723	5.129	ug/l	# 49
38) Carbon Tetrachloride	7.713	117	26904	5.664	ug/l	# 16
49) 1,4-Dioxane	9.006	88	48	2.339	ug/l	# 20
51) 4-Methyl-2-Pentanone	10.109	43	3245	1.350	ug/l	# 1
76) 1,2,3-Trichloropropane	12.402	75	100123	34.353	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	100123	138.662	ug/l	# 16

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

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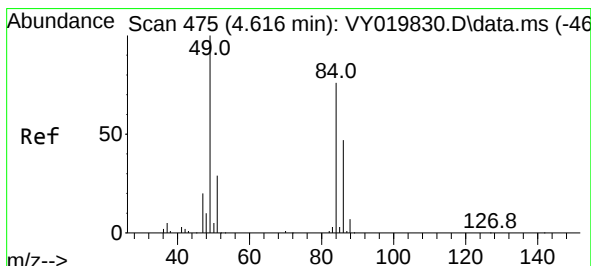
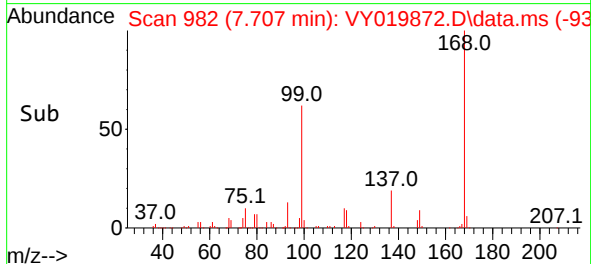
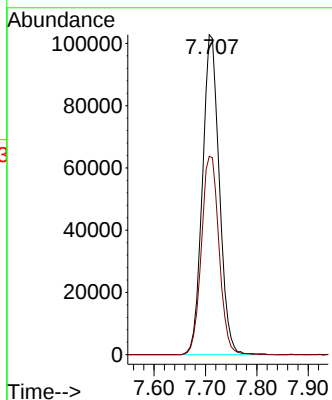
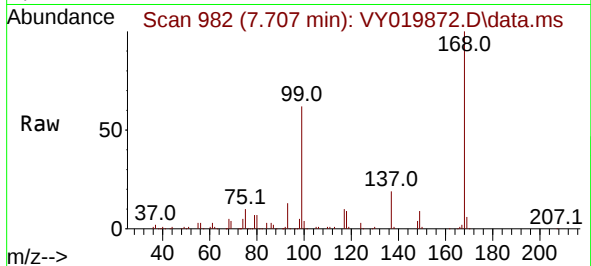




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019872.D
Acq: 11 Oct 2024 15:24

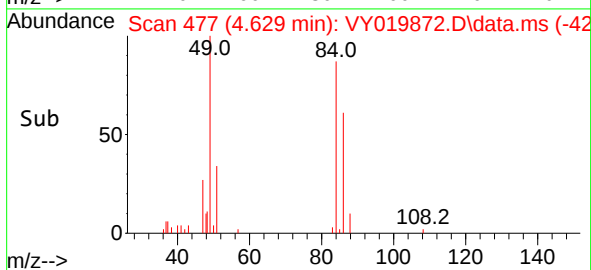
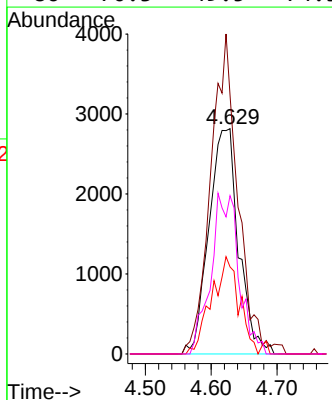
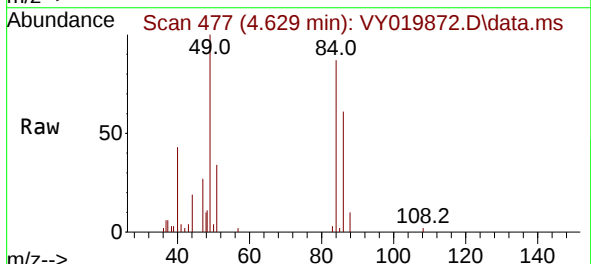
Instrument :
MSVOA_Y
ClientSampleId :

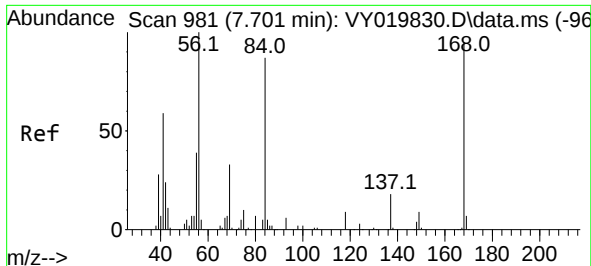
Tgt Ion:168 Resp: 233935
Ion Ratio Lower Upper
168 100
99 62.0 39.1 58.7#



#20
Methylene Chloride
Concen: 2.430 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY019872.D
Acq: 11 Oct 2024 15:24

Tgt Ion: 84 Resp: 8857
Ion Ratio Lower Upper
84 100
49 114.8 84.4 126.6
51 38.6 26.0 39.0
86 70.3 49.5 74.3

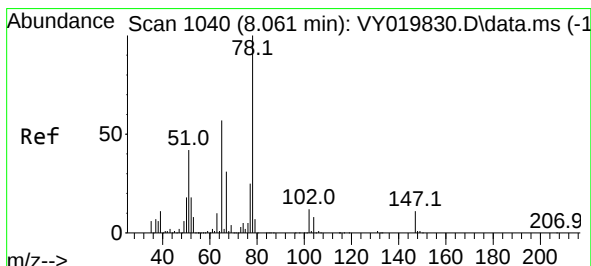
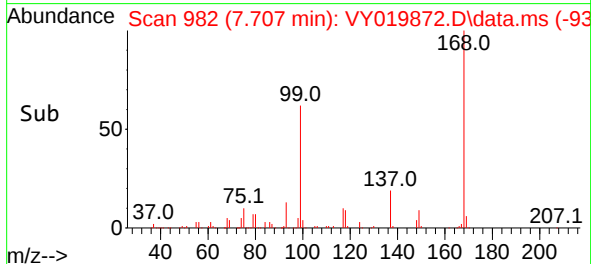
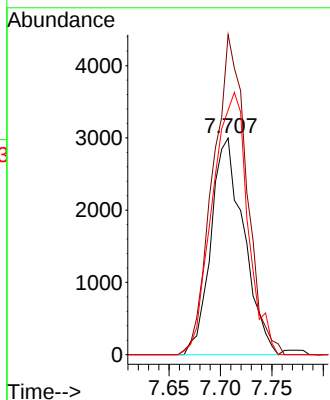
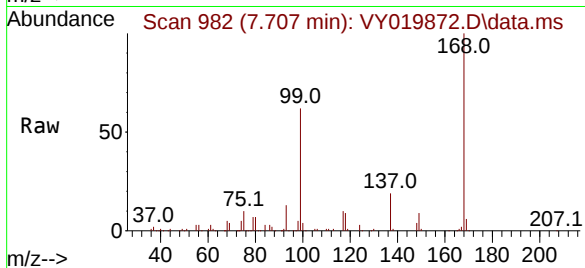




#31
Cyclohexane
Concen: 1.384 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY019872.D
Acq: 11 Oct 2024 15:24

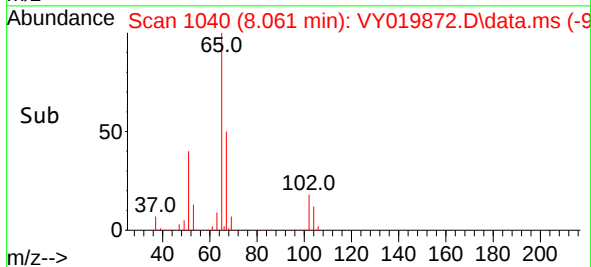
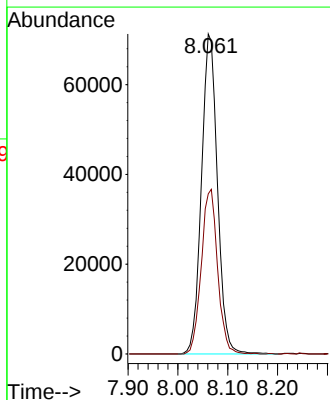
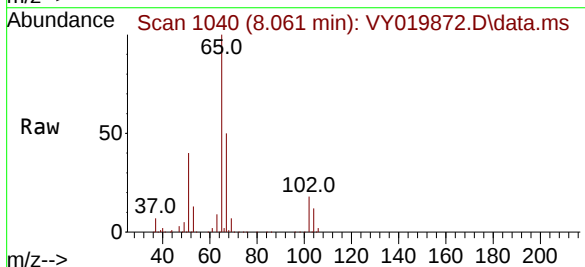
Instrument :
MSVOA_Y
ClientSampleId :

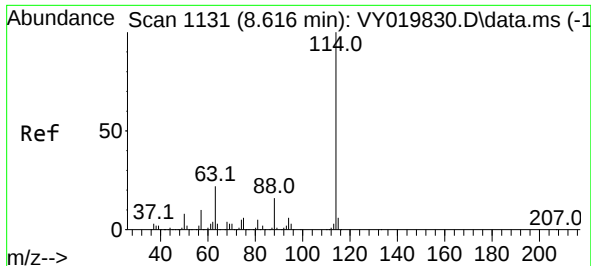
Tgt Ion: 56 Resp: 6661
Ion Ratio Lower Upper
56 100
69 147.8 28.7 43.1#
84 112.9 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.046 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019872.D
Acq: 11 Oct 2024 15:24

Tgt Ion: 65 Resp: 158555
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: VY019872.D

Acq: 11 Oct 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

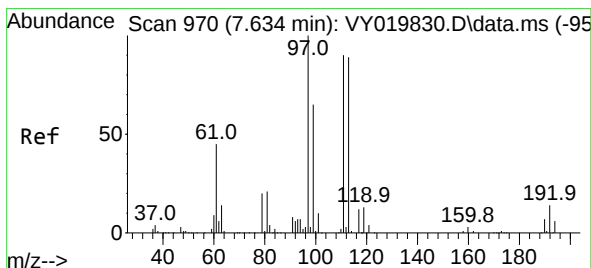
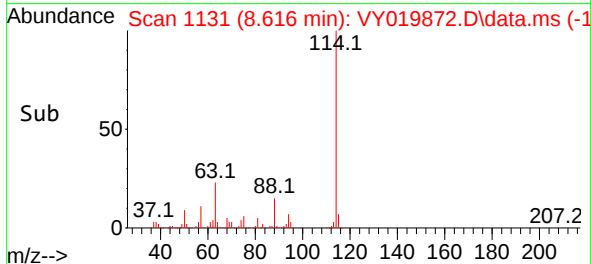
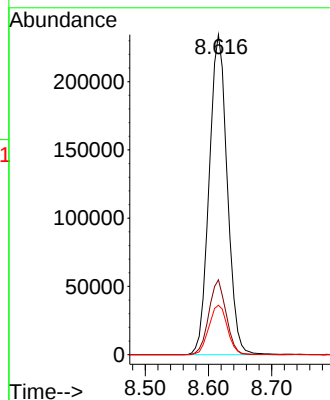
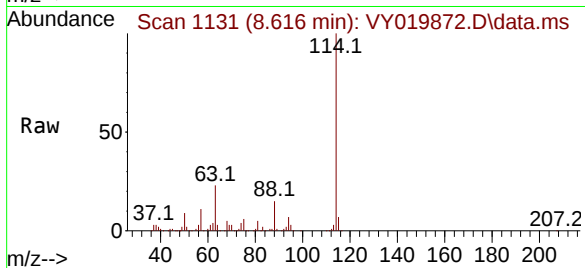
Tgt Ion:114 Resp: 466040

Ion Ratio Lower Upper

114 100

63 23.4 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.048 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.007 min

Lab File: VY019872.D

Acq: 11 Oct 2024 15:24

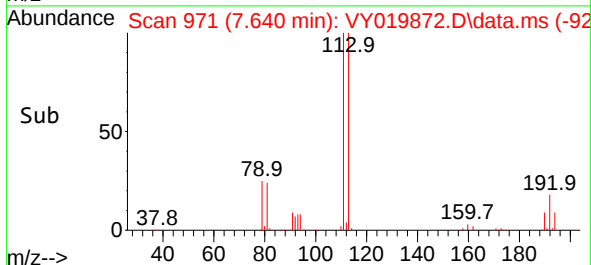
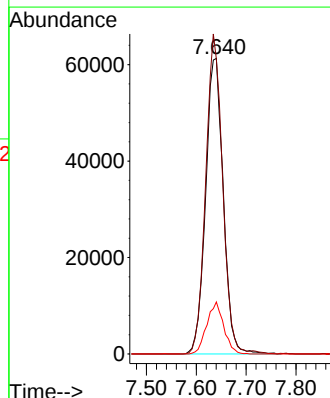
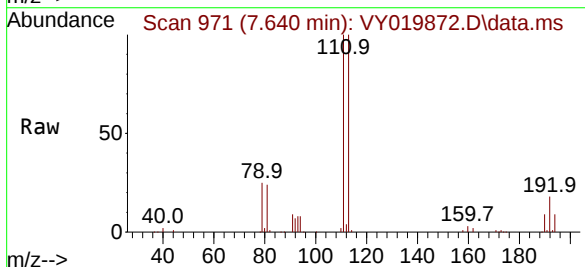
Tgt Ion:113 Resp: 150840

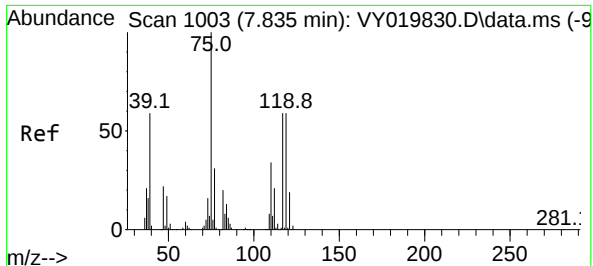
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

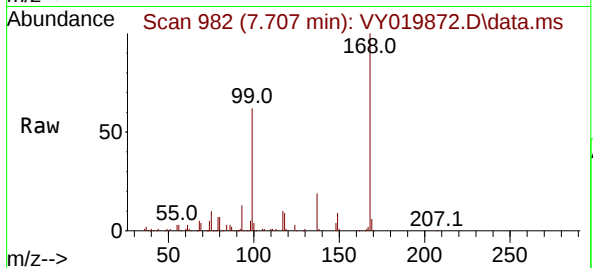
192 16.9 15.9 23.9



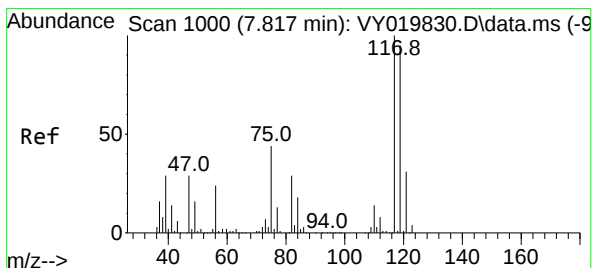
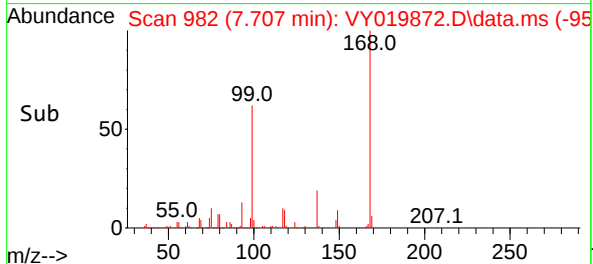
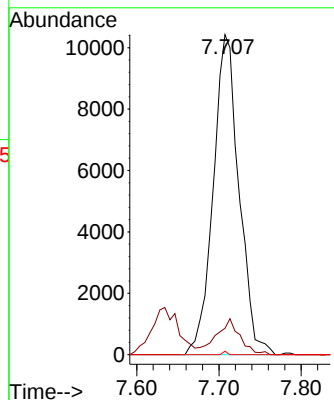


#36
 1,1-Dichloropropene
 Concen: 5.129 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY019872.D
 Acq: 11 Oct 2024 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :

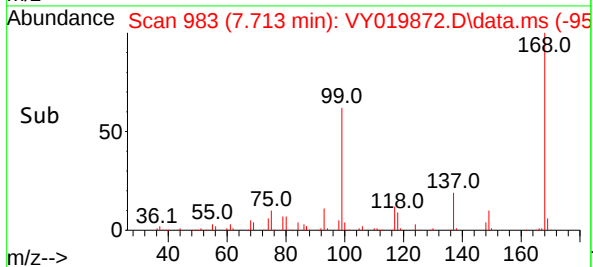
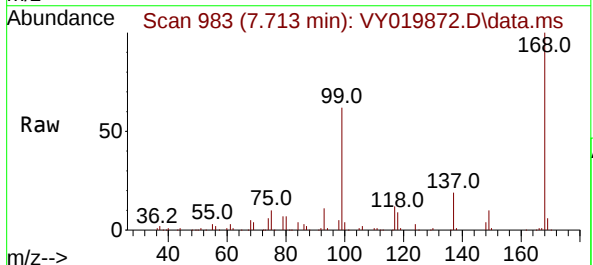
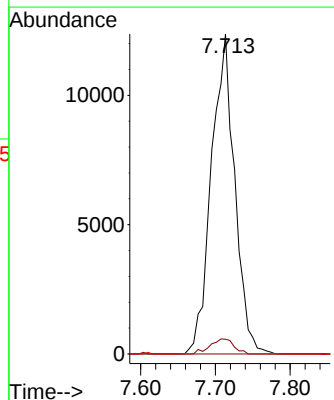


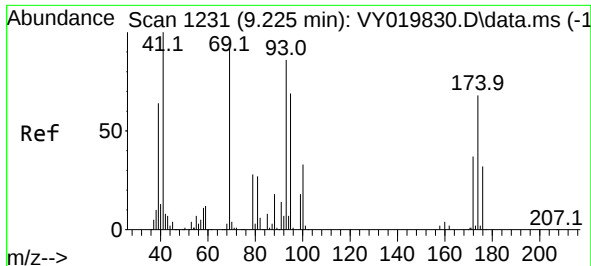
Tgt Ion: 75 Resp: 22723
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.0 57.0#
 77 0.2 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.664 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. -0.103 min
 Lab File: VY019872.D
 Acq: 11 Oct 2024 15:24

Tgt Ion: 117 Resp: 26904
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.8 113.6#
 121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.339 ug/l

RT: 9.006 min Scan# 1195

Delta R.T. -0.225 min

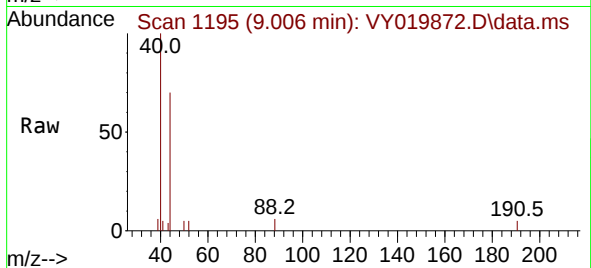
Lab File: VY019872.D

Acq: 11 Oct 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :



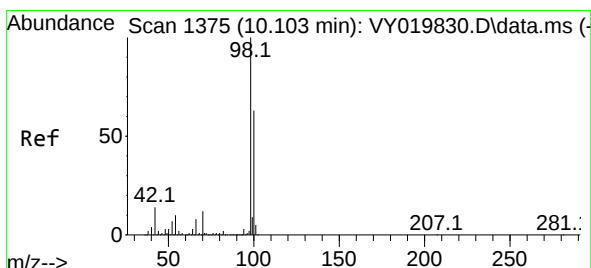
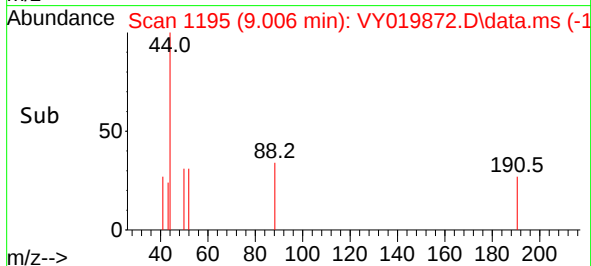
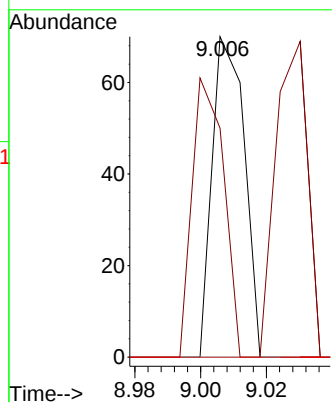
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

43 85.4 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 49.976 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019872.D

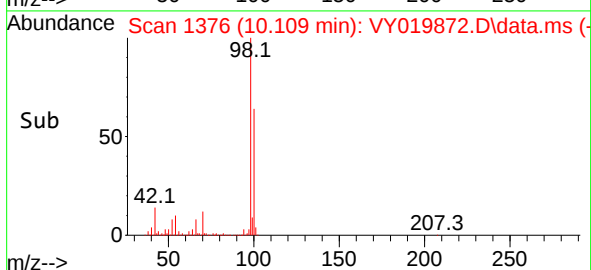
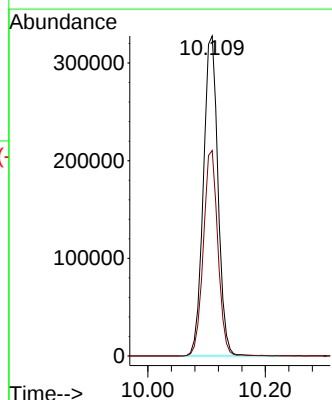
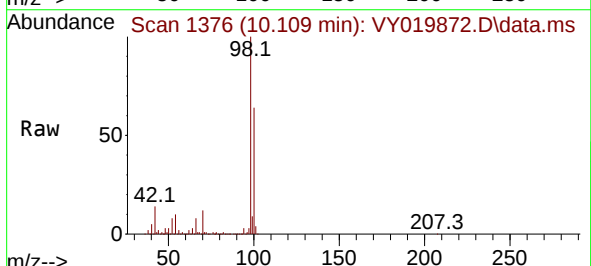
Acq: 11 Oct 2024 15:24

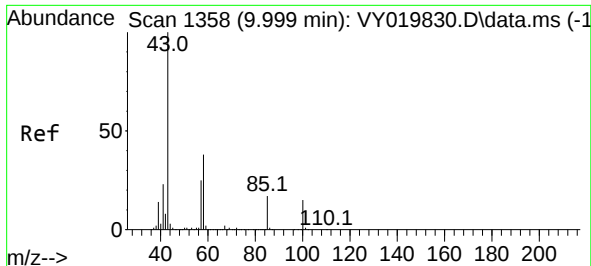
Tgt Ion: 98 Resp: 567565

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.350 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.110 min

Lab File: VY019872.D

Acq: 11 Oct 2024 15:24

Instrument :

MSVOA_Y

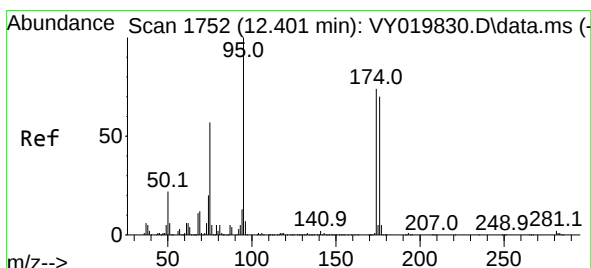
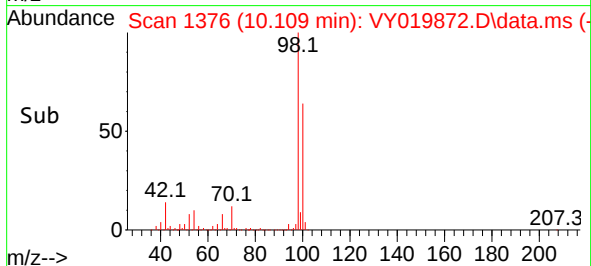
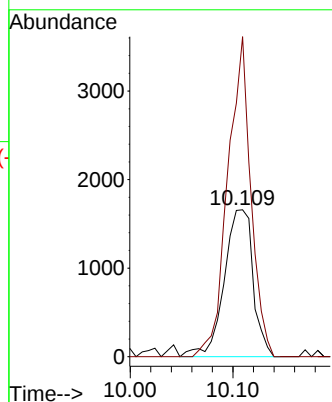
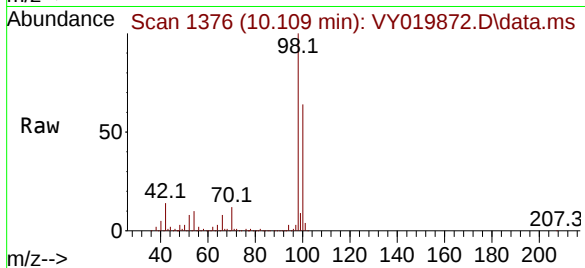
ClientSampleId :

Tgt Ion: 43 Resp: 3245

Ion Ratio Lower Upper

43 100

58 174.4 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 41.721 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019872.D

Acq: 11 Oct 2024 15:24

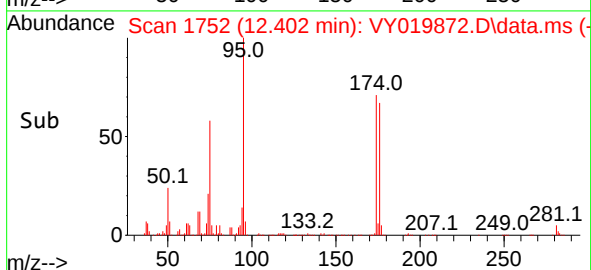
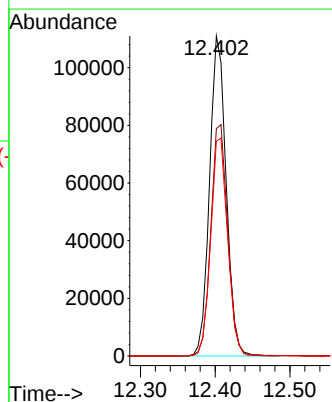
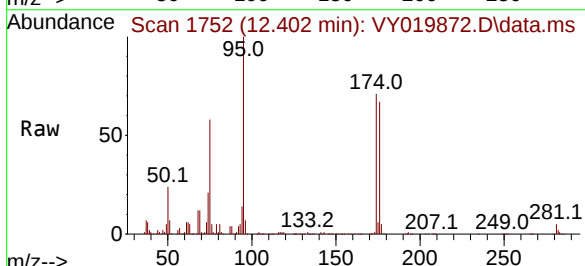
Tgt Ion: 95 Resp: 171205

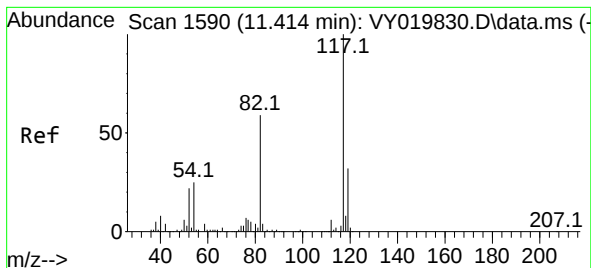
Ion Ratio Lower Upper

95 100

174 73.5 0.0 175.6

176 69.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

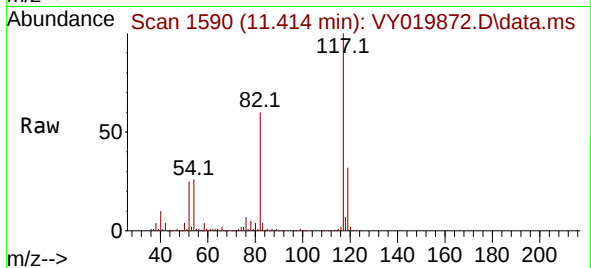
Lab File: VY019872.D

Acq: 11 Oct 2024 15:24

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MSVOA_Y

ClientSampleId :



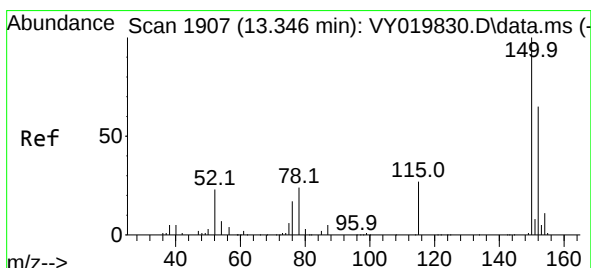
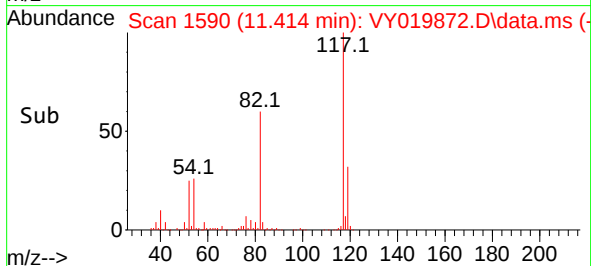
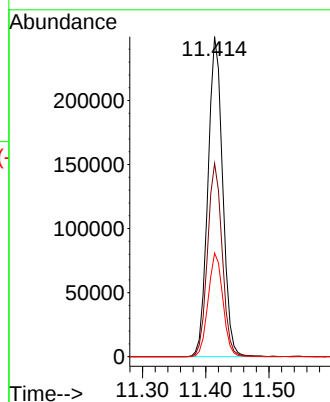
Tgt Ion:117 Resp: 405476

Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

119 32.3 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: VY019872.D

Acq: 11 Oct 2024 15:24

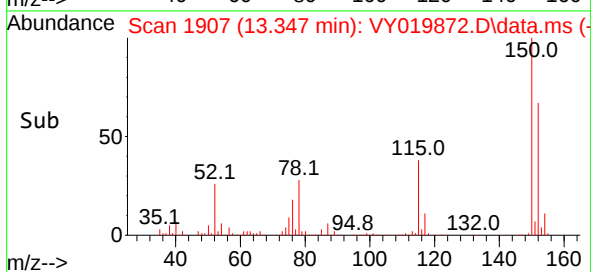
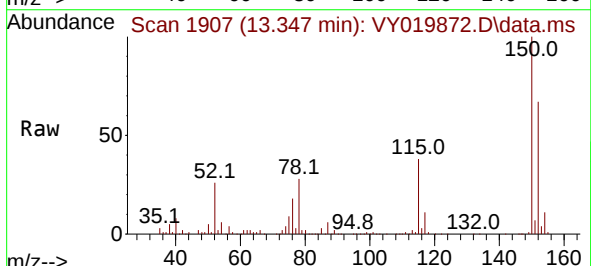
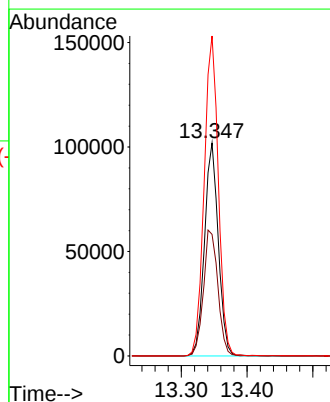
Tgt Ion:152 Resp: 148777

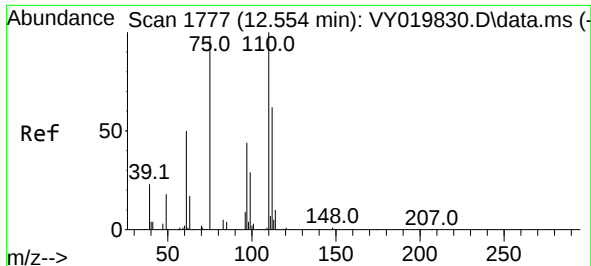
Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 153.9 0.0 345.6

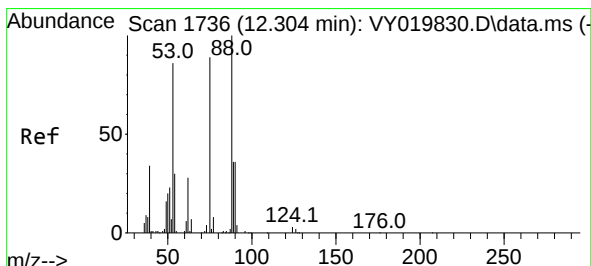
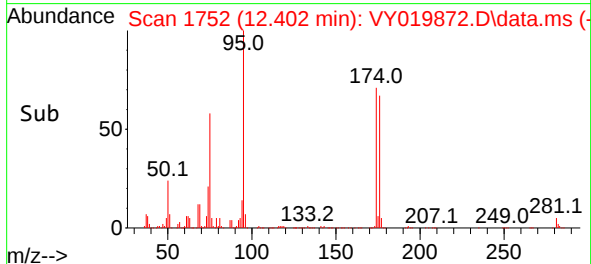
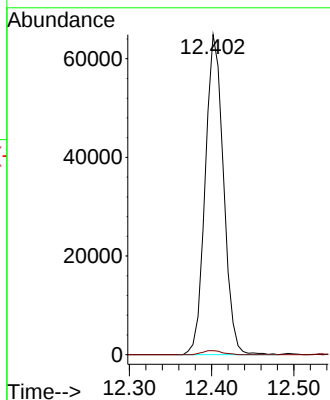
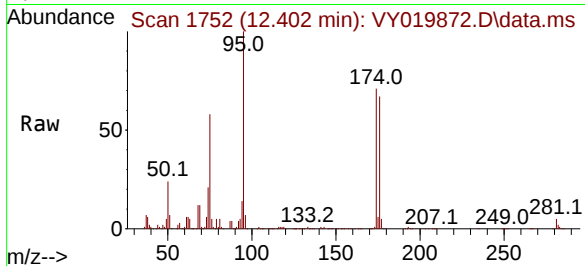




#76
1,2,3-Trichloropropane
Concen: 34.353 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019872.D
Acq: 11 Oct 2024 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 100123
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.662 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019872.D
Acq: 11 Oct 2024 15:24

Tgt Ion: 75 Resp: 100123
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

