

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019877.D
 Acq On : 11 Oct 2024 17:21
 Operator : SY/MD
 Sample : P4385-15
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:50:11 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)

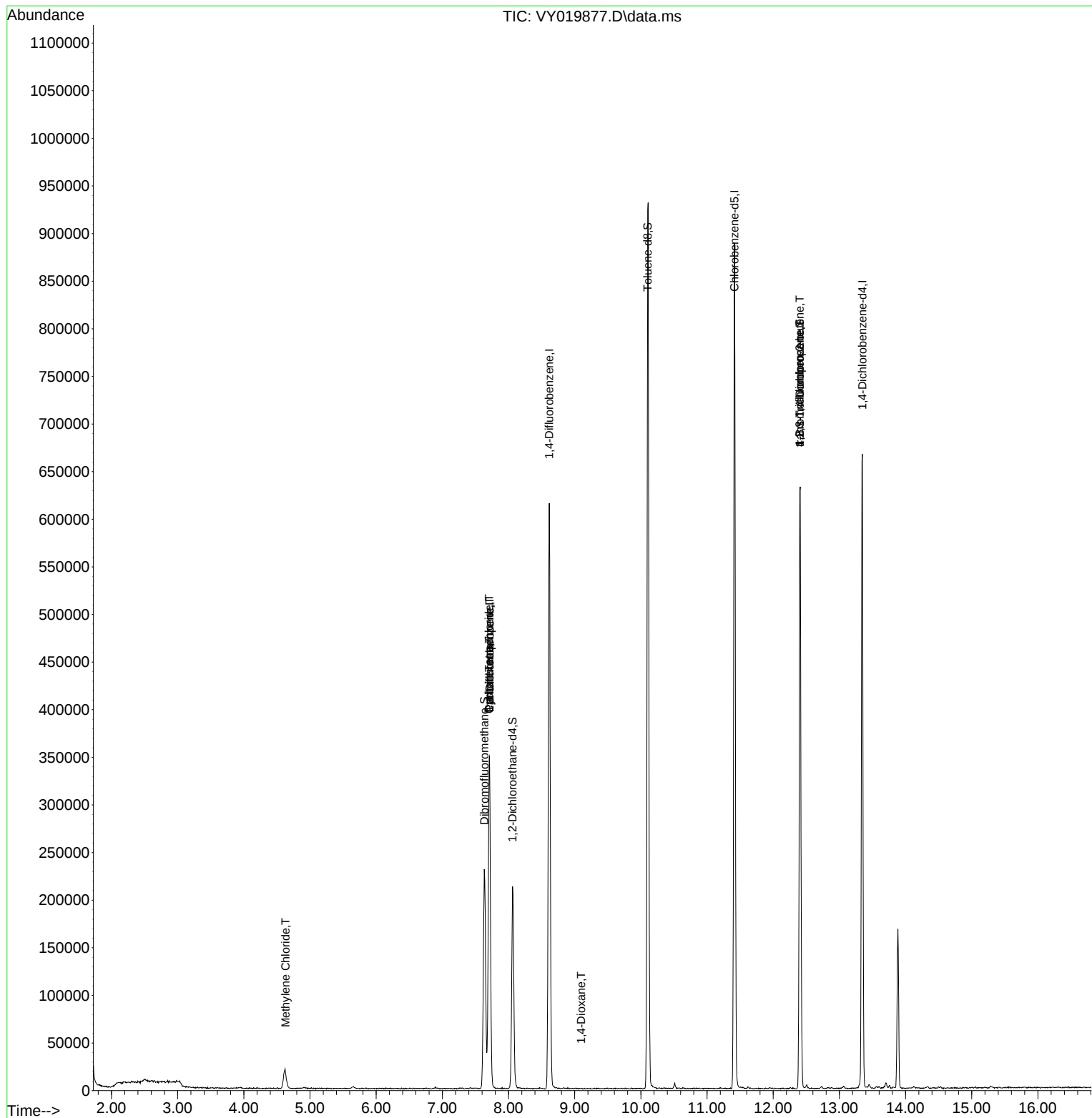
Internal Standards						
1) Pentafluorobenzene	7.713	168	248032	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	496793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	438194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165681	54.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.500%	
35) Dibromofluoromethane	7.634	113	162919	49.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.400%	
50) Toluene-d8	10.103	98	596917	49.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.401	95	183010	41.837	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.680%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.628	84	14099	4.059	ug/l	98
31) Cyclohexane	7.707	56	7040	1.380	ug/l	# 32
36) 1,1-Dichloropropene	7.713	75	24469	5.181	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	28485	5.626	ug/l	# 17
49) 1,4-Dioxane	9.097	88	27	1.234	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	104856	34.745	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	104856	140.243	ug/l	# 16

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

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Response via : Initial Calibration

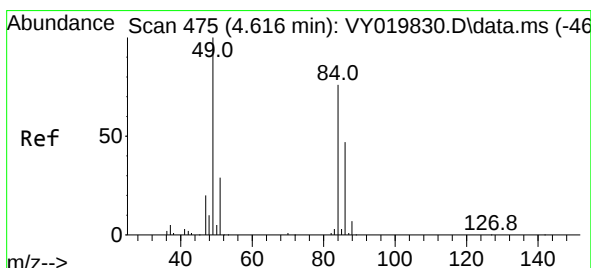
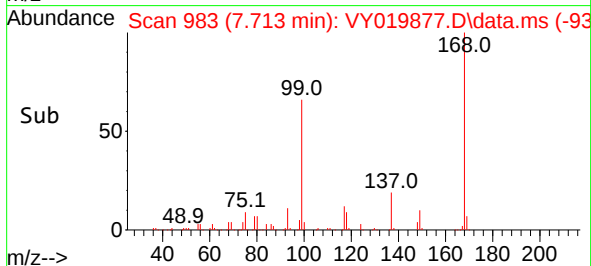
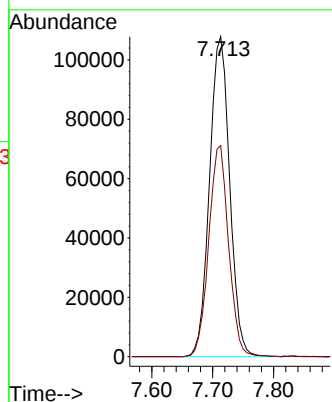
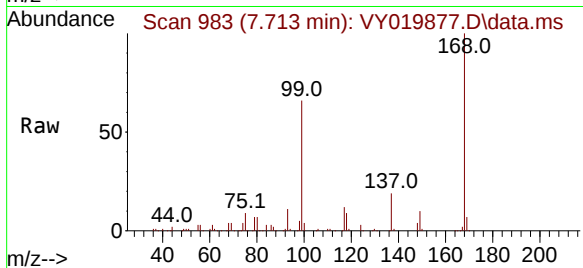




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

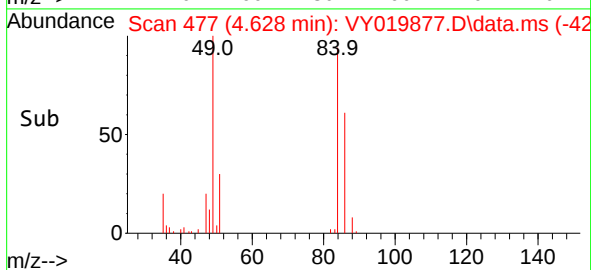
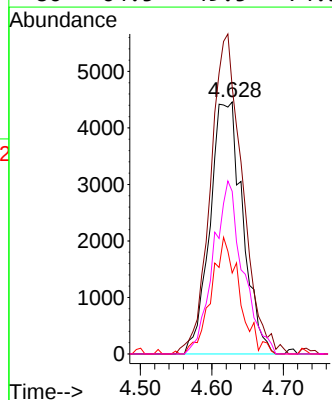
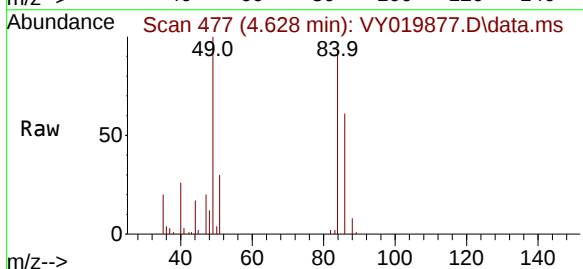
Instrument :
MSVOA_Y
ClientSampleId :

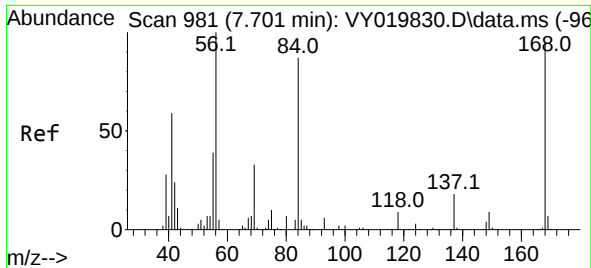
Tgt Ion:168 Resp: 248032
Ion Ratio Lower Upper
168 100
99 65.9 39.1 58.7#



#20
Methylene Chloride
Concen: 4.059 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

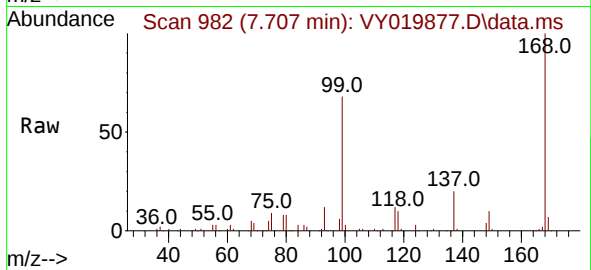
Tgt Ion: 84 Resp: 14099
Ion Ratio Lower Upper
84 100
49 103.7 84.4 126.6
51 32.1 26.0 39.0
86 64.5 49.5 74.3



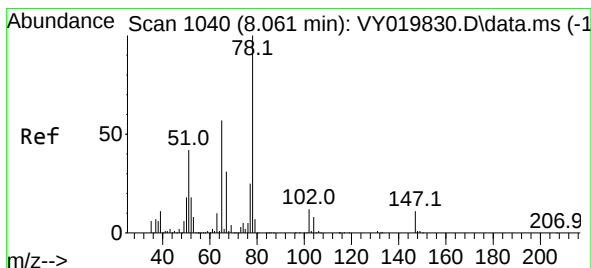
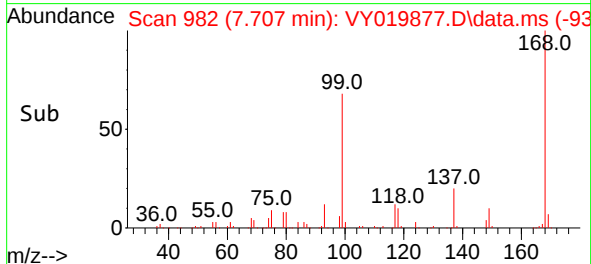
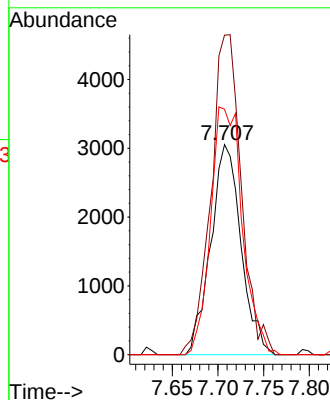


#31
Cyclohexane
Concen: 1.380 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

Instrument :
MSVOA_Y
ClientSampleId :

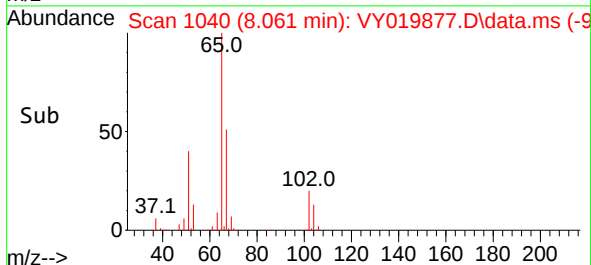
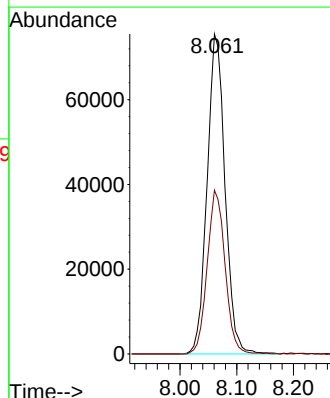
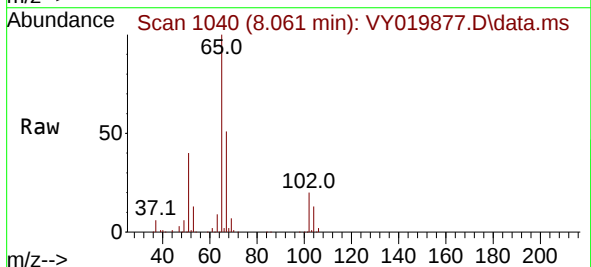


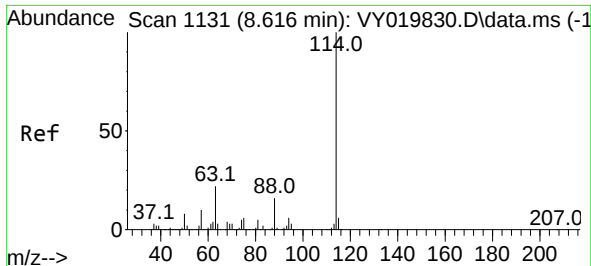
Tgt Ion: 56 Resp: 7040
Ion Ratio Lower Upper
56 100
69 152.1 28.7 43.1#
84 116.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.250 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

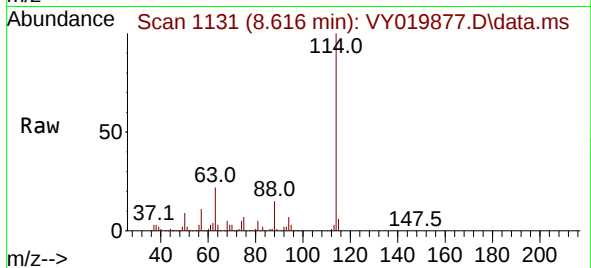
Tgt Ion: 65 Resp: 165681
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6



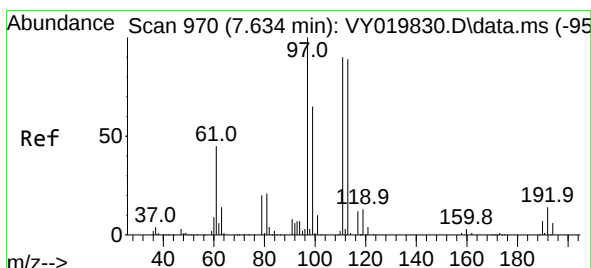
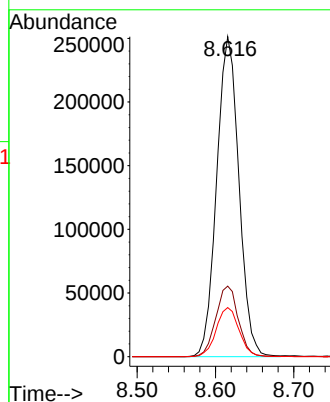
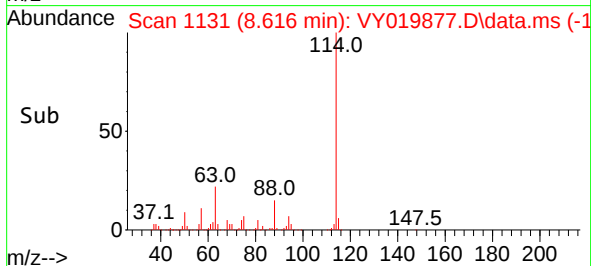


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

Instrument :
MSVOA_Y
ClientSampleId :

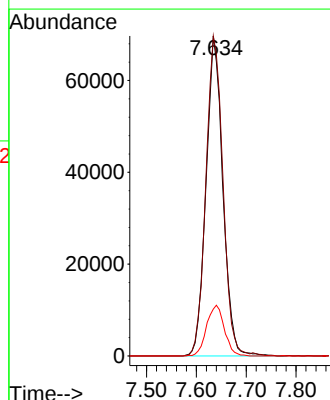
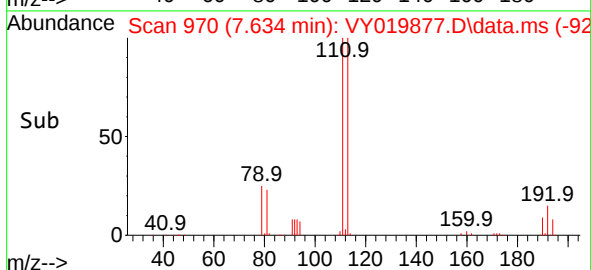
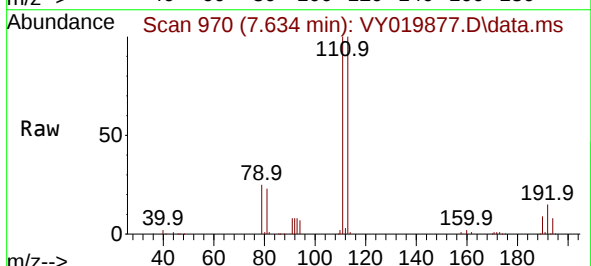


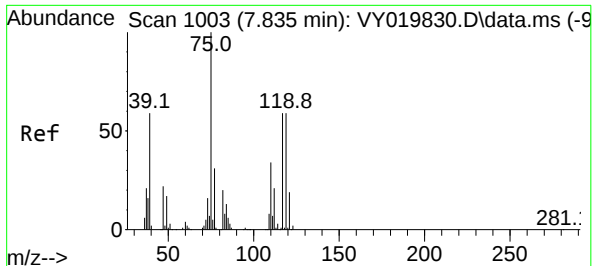
Tgt Ion:114 Resp: 496793
Ion Ratio Lower Upper
114 100
63 22.0 0.0 35.0
88 15.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.696 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

Tgt Ion:113 Resp: 162919
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 16.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.181 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY019877.D

Acq: 11 Oct 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :

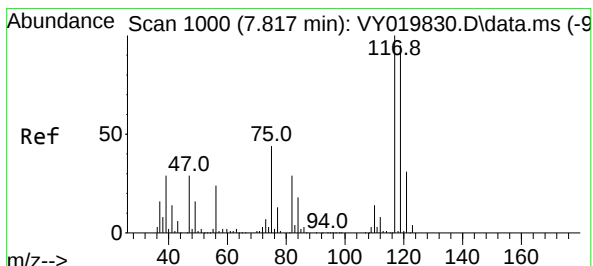
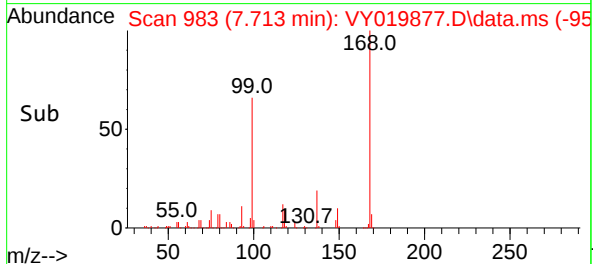
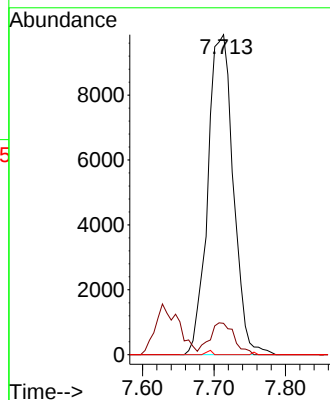
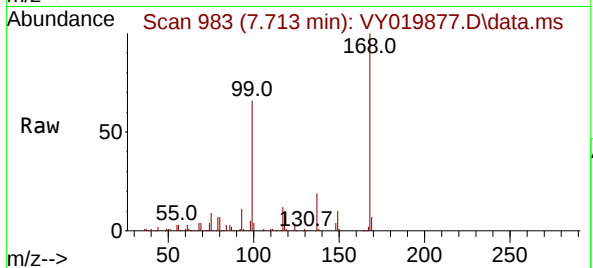
Tgt Ion: 75 Resp: 24469

Ion Ratio Lower Upper

75 100

110 9.5 19.0 57.0#

77 0.3 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.626 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY019877.D

Acq: 11 Oct 2024 17:21

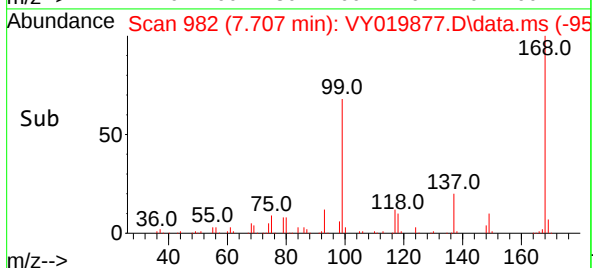
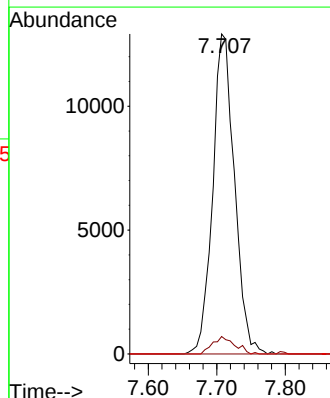
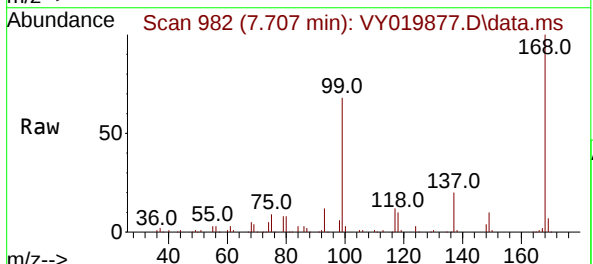
Tgt Ion: 117 Resp: 28485

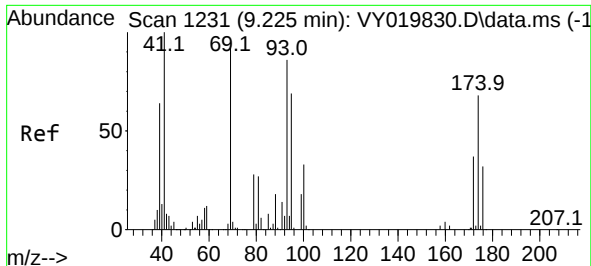
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.234 ug/l

RT: 9.097 min Scan# 1

Delta R.T. -0.134 min

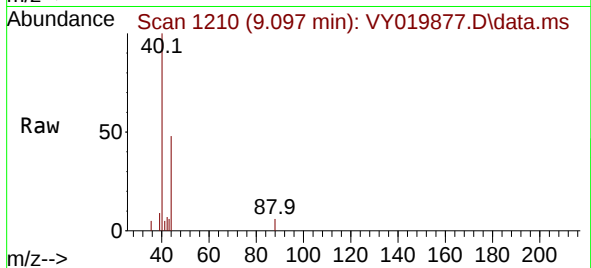
Lab File: VY019877.D

Acq: 11 Oct 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :



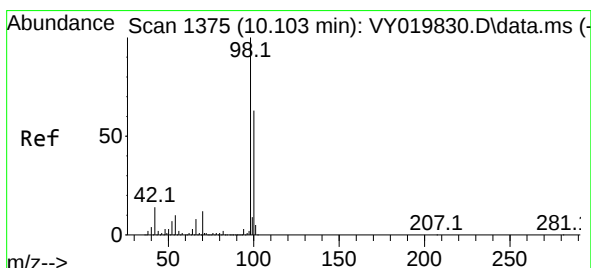
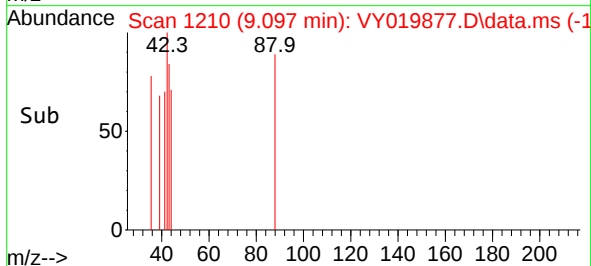
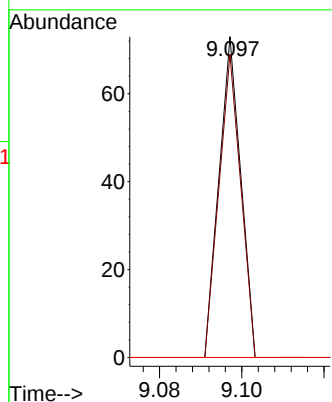
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 92.6 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 49.306 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019877.D

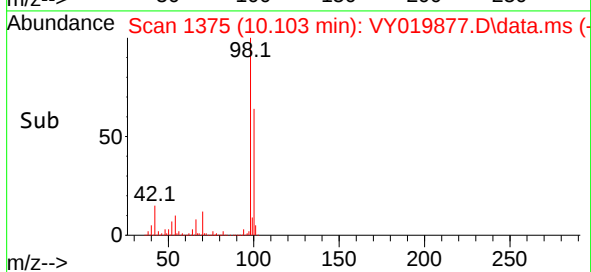
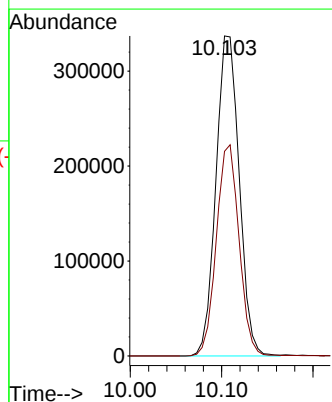
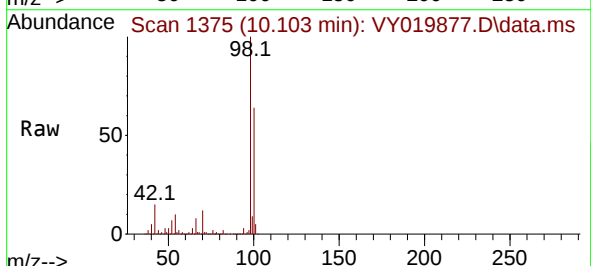
Acq: 11 Oct 2024 17:21

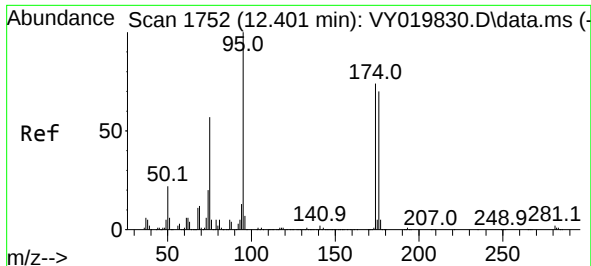
Tgt Ion: 98 Resp: 596917

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

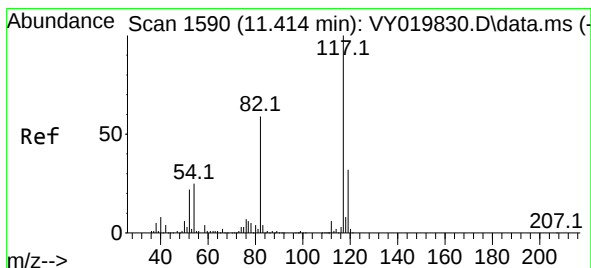
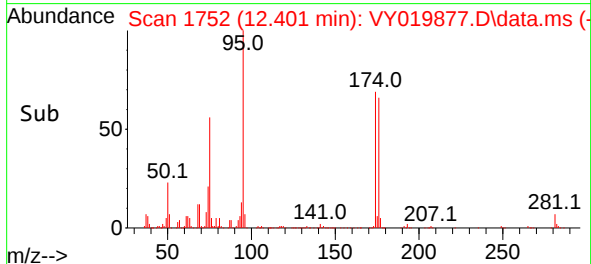
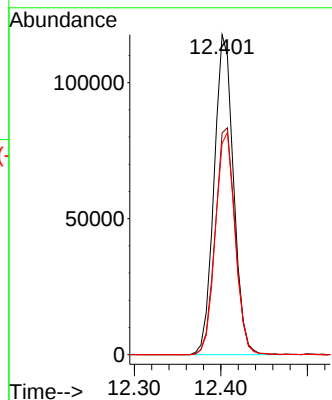
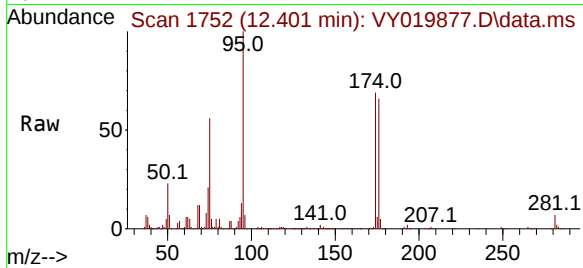




#62
4-Bromofluorobenzene
Concen: 41.837 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

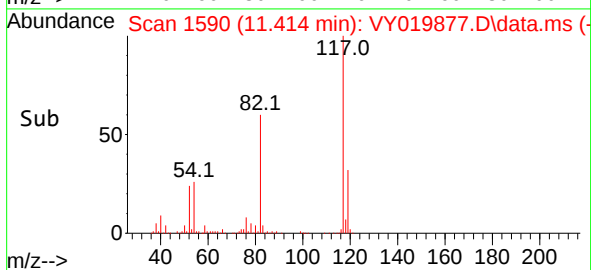
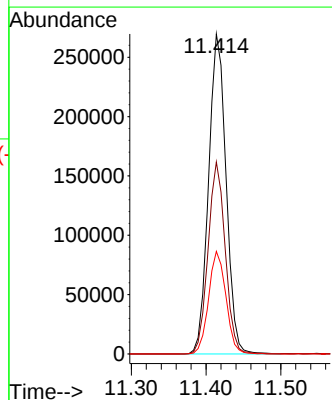
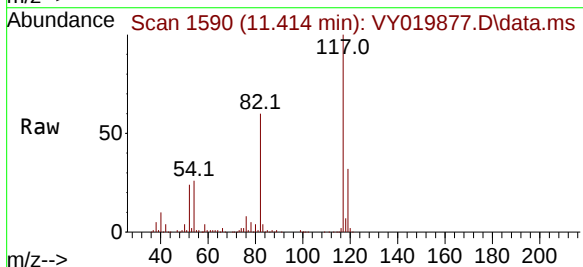
Instrument :
MSVOA_Y
ClientSampleId :

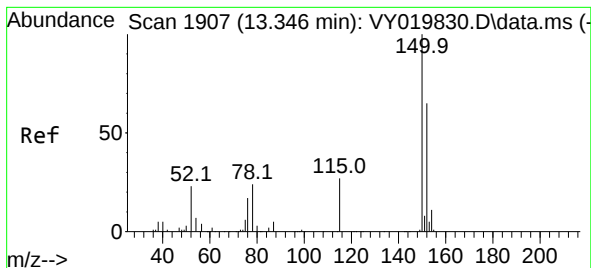
Tgt Ion: 95 Resp: 183010
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 70.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019877.D
Acq: 11 Oct 2024 17:21

Tgt Ion: 117 Resp: 438194
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.0 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: VY019877.D

Acq: 11 Oct 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :

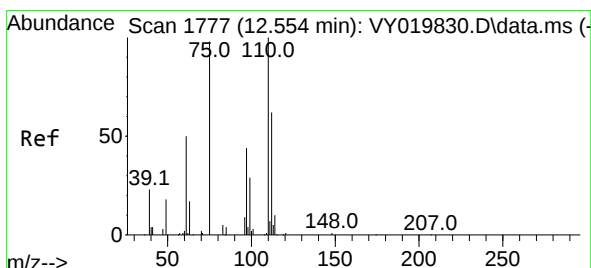
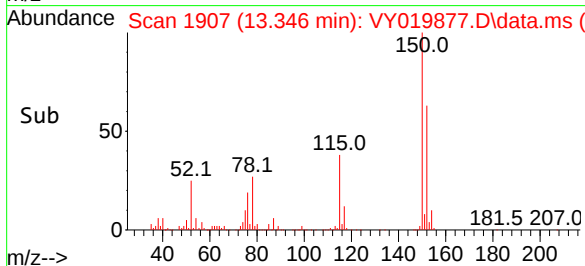
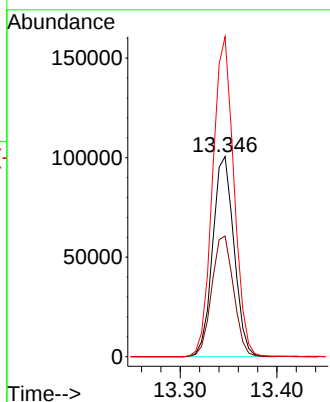
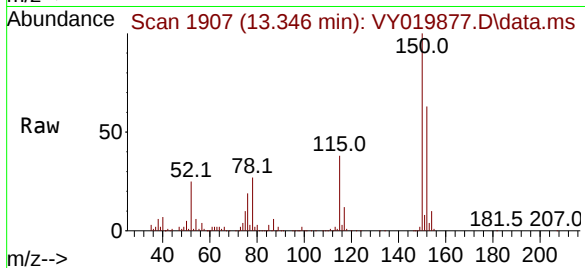
Tgt Ion:152 Resp: 154054

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 159.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.745 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019877.D

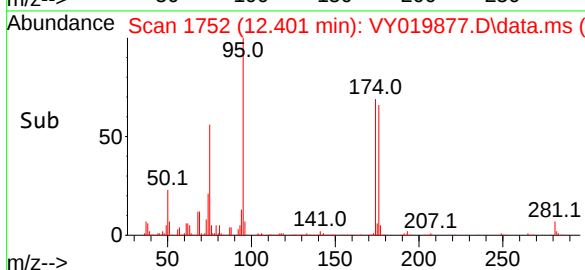
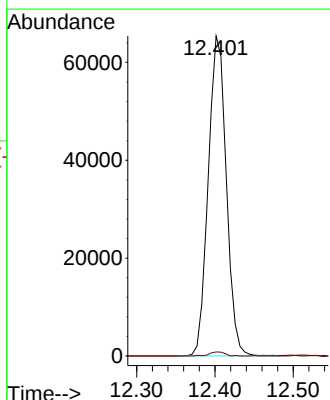
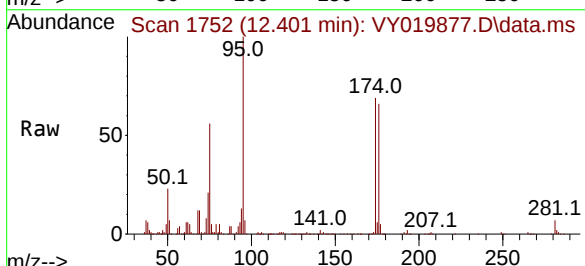
Acq: 11 Oct 2024 17:21

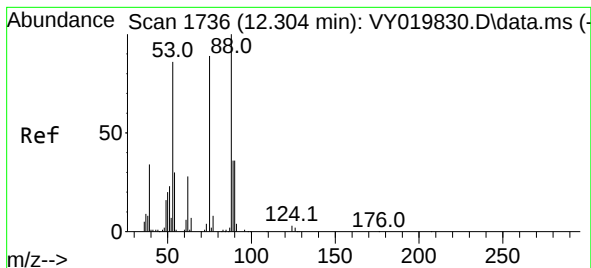
Tgt Ion: 75 Resp: 104856

Ion Ratio Lower Upper

75 100

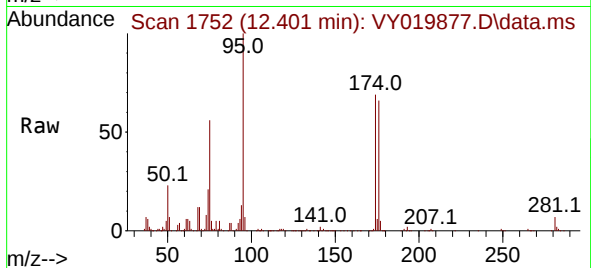
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.243 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019877.D
 Acq: 11 Oct 2024 17:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 104856
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

