

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020164.D
 Acq On : 05 Nov 2024 14:08
 Operator : SY/MD
 Sample : P4693-03
 Misc : 3.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:25:31 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)

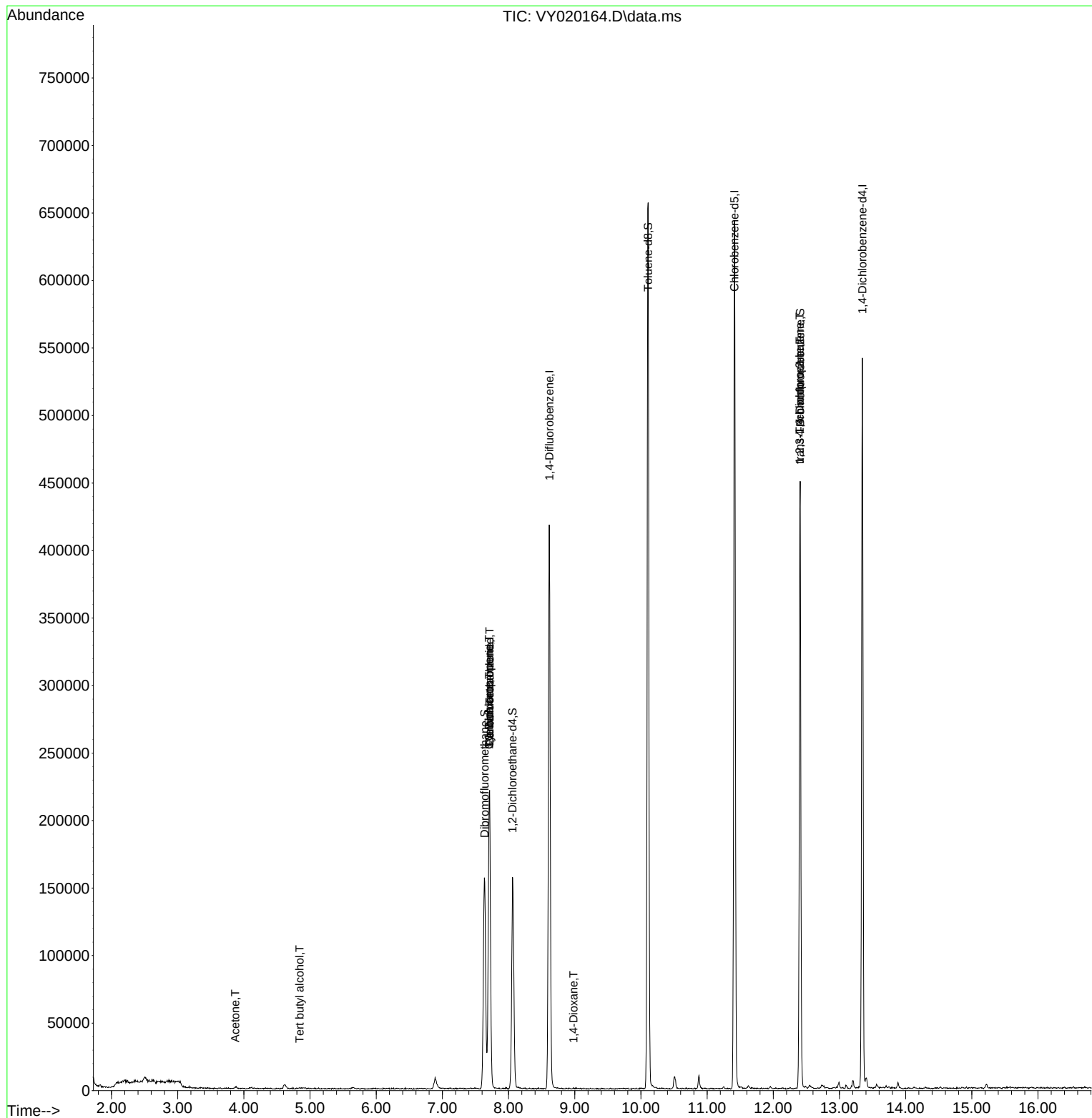
Internal Standards						
1) Pentafluorobenzene	7.713	168	157006	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	329019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	308956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	116313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115100	58.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.480%	
35) Dibromofluoromethane	7.640	113	109102	52.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.300%	
50) Toluene-d8	10.109	98	411168	49.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	12.407	95	129603	47.919	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	242	1.717	ug/l	# 54
16) Acetone	3.872	43	1983	4.352	ug/l	# 67
31) Cyclohexane	7.707	56	5074	1.427	ug/l	# 49
36) 1,1-Dichloropropene	7.707	75	15507	4.799	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	17661	5.435	ug/l	# 16
49) 1,4-Dioxane	8.981	88	42	3.336	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	76105	69.801	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	76105	150.140	ug/l	# 16

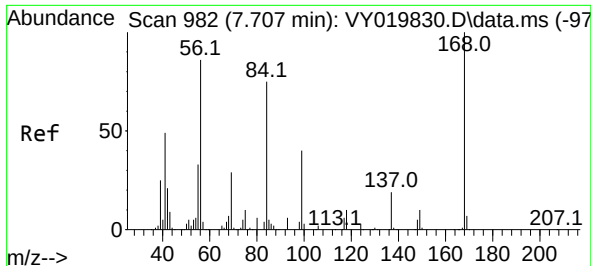
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
Data File : VY020164.D
Acq On : 05 Nov 2024 14:08
Operator : SY/MD
Sample : P4693-03
Misc : 3.54g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 06 00:25:31 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

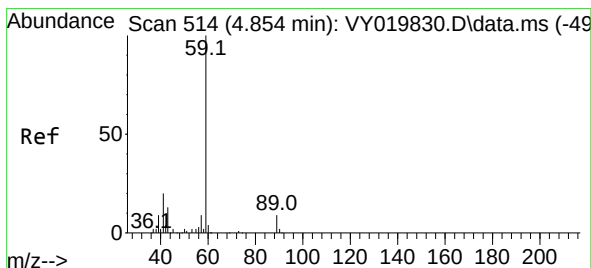
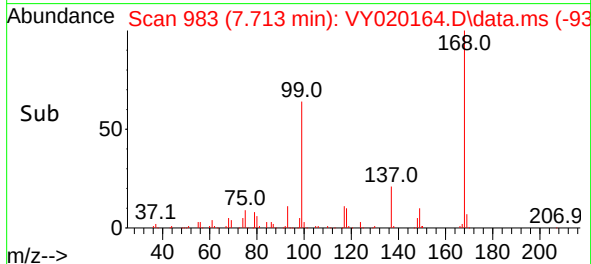
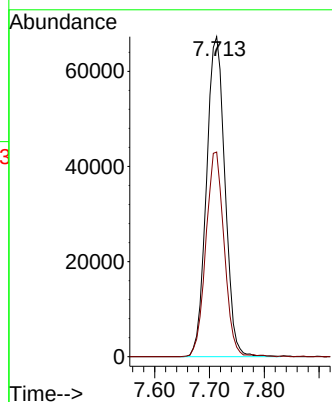
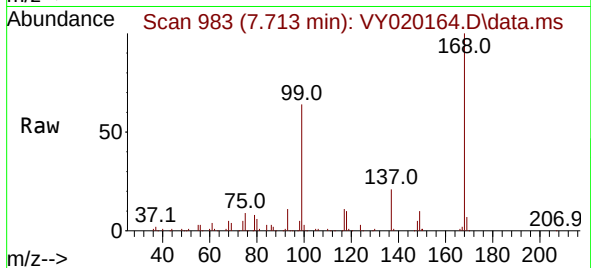




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

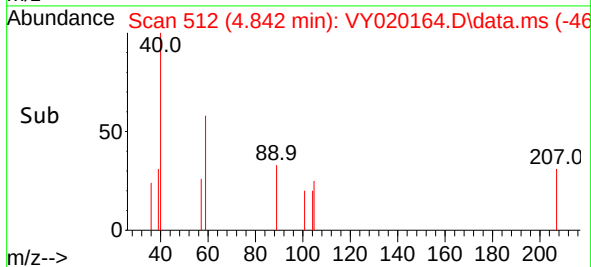
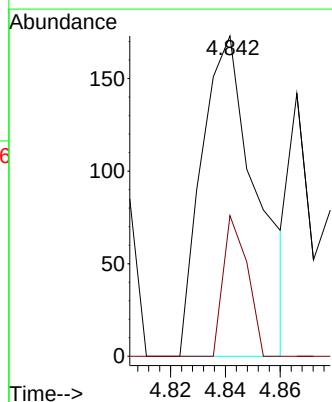
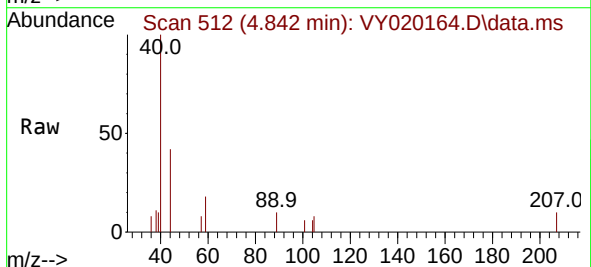
Instrument :
MSVOA_Y
ClientSampleId :

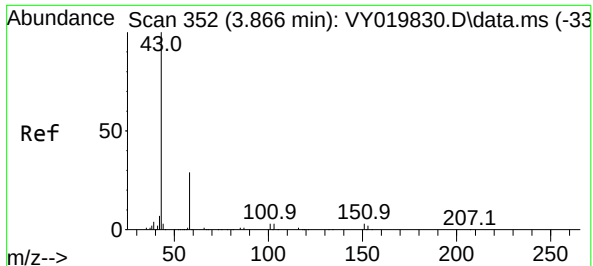
Tgt Ion:168 Resp: 157006
Ion Ratio Lower Upper
168 100
99 64.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.717 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 19.0 3.0 4.6#

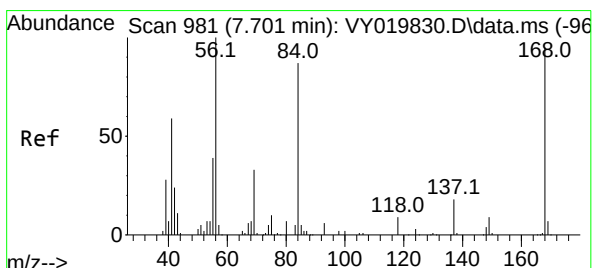
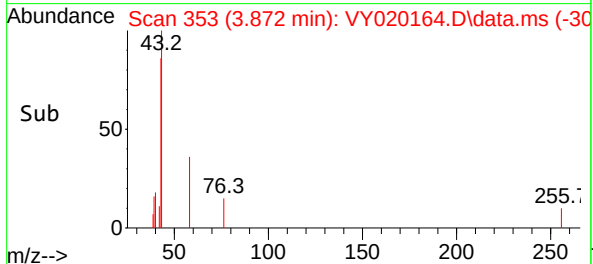
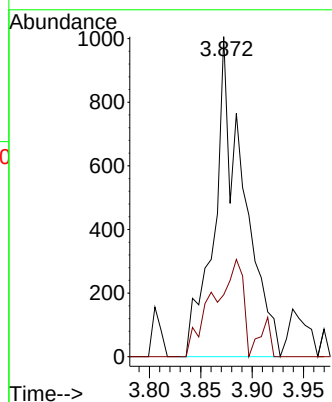
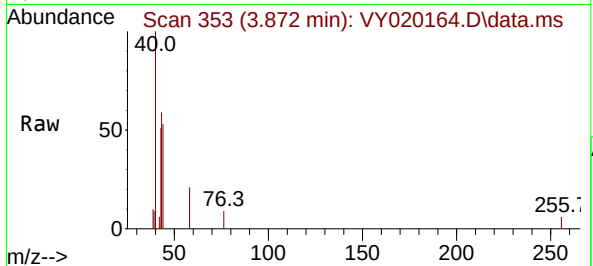




#16
Acetone
Concen: 4.352 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

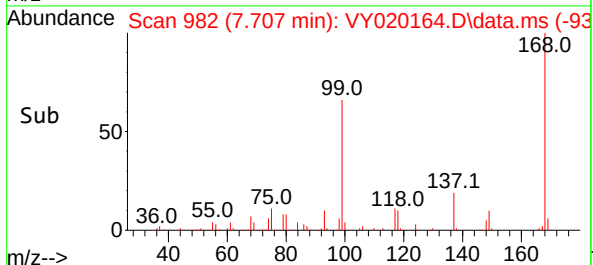
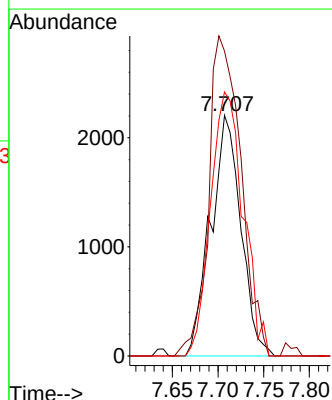
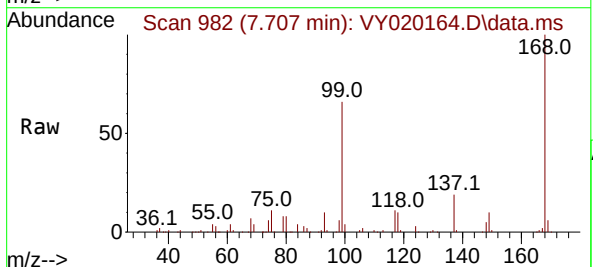
Instrument :
MSVOA_Y
ClientSampleId :

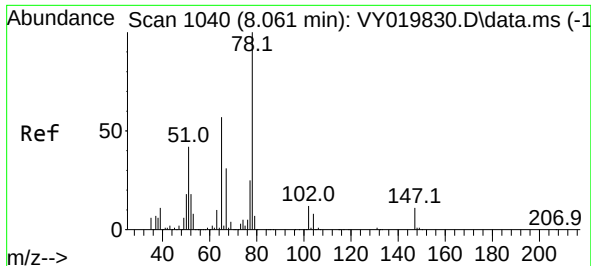
Tgt Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
58 19.4 31.7 47.5#



#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

Tgt Ion: 56 Resp: 5074
Ion Ratio Lower Upper
56 100
69 126.7 28.7 43.1#
84 109.8 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 58.738 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020164.D

Acq: 05 Nov 2024 14:08

Instrument :

MSVOA_Y

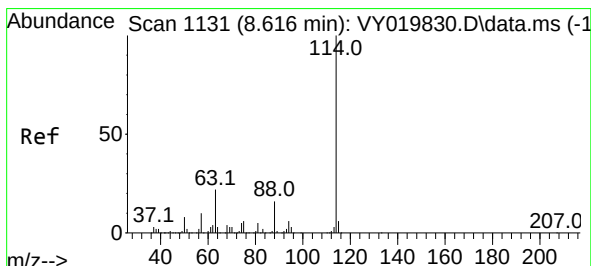
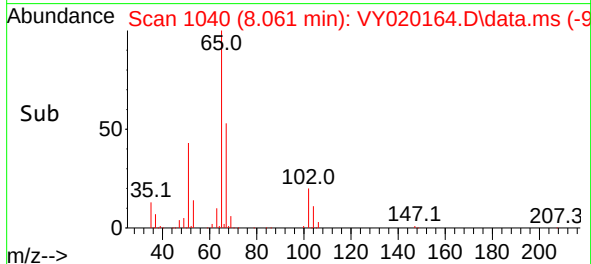
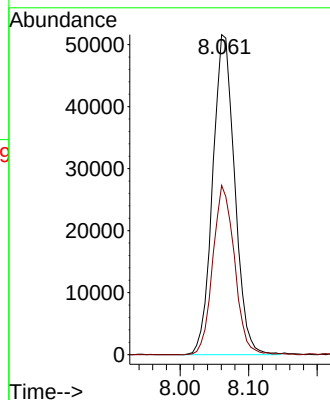
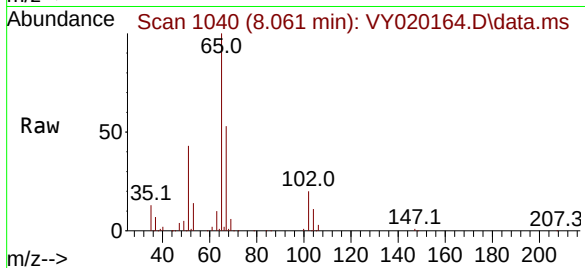
ClientSampleId :

Tgt Ion: 65 Resp: 115100

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020164.D

Acq: 05 Nov 2024 14:08

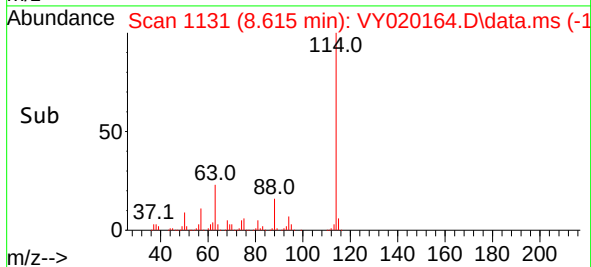
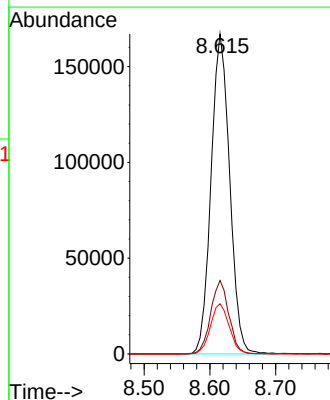
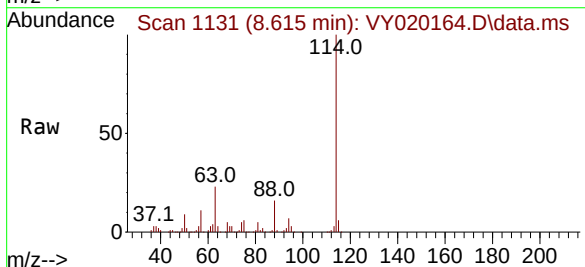
Tgt Ion: 114 Resp: 329019

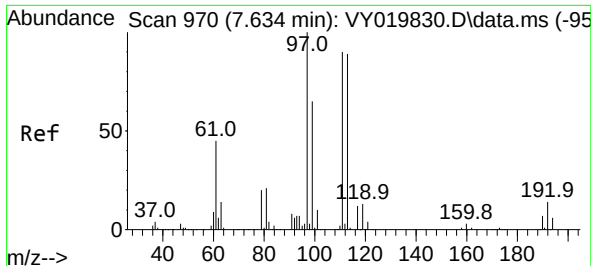
Ion Ratio Lower Upper

114 100

63 22.9 0.0 35.0

88 15.7 0.0 27.2

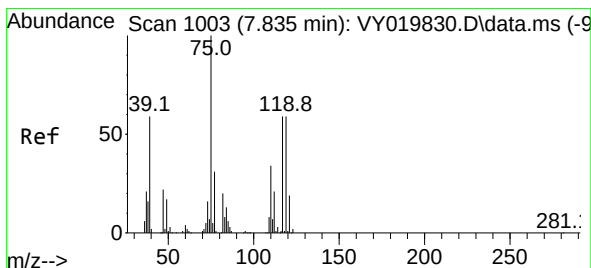
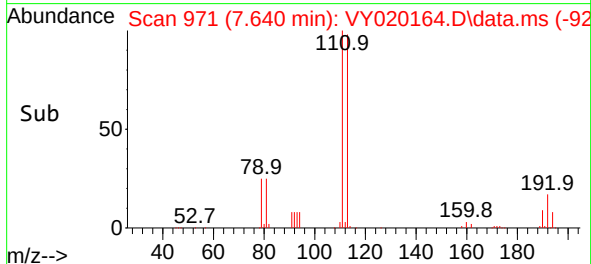
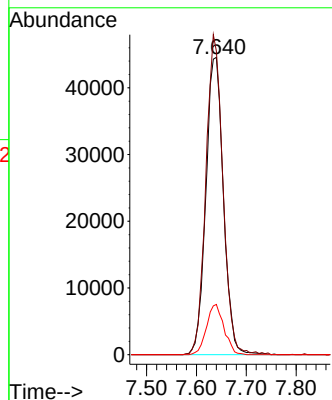
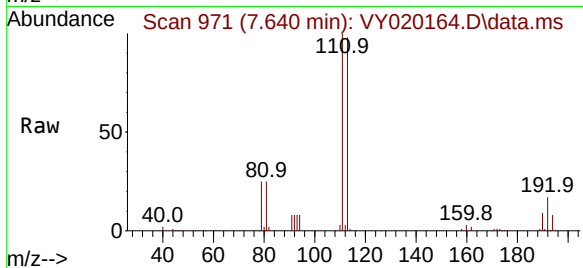




#35
Dibromofluoromethane
Concen: 52.155 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

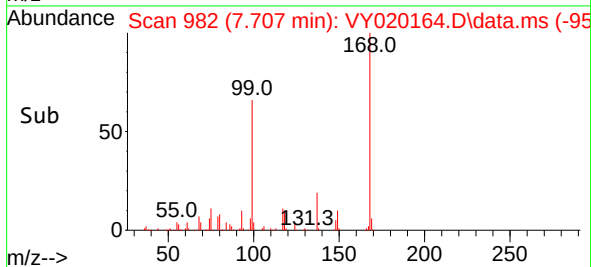
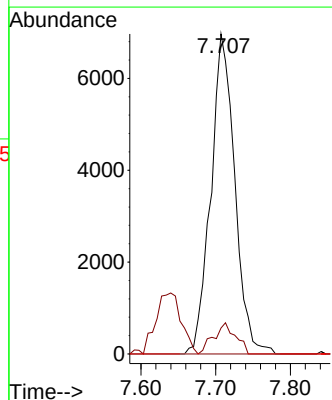
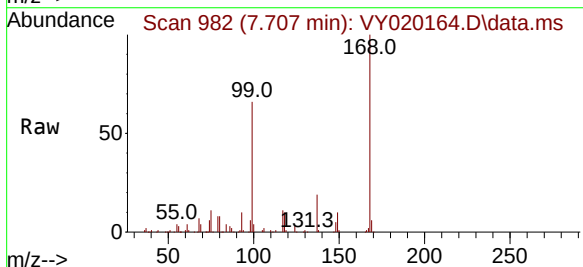
Instrument :
MSVOA_Y
ClientSampleId :

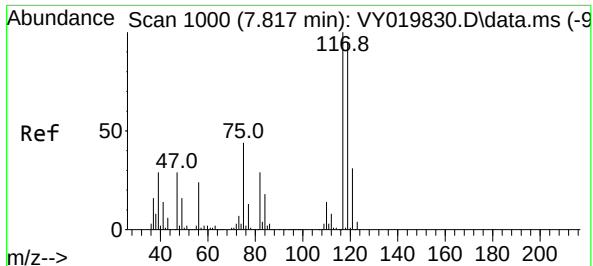
Tgt Ion:113 Resp: 109102
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 16.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.799 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

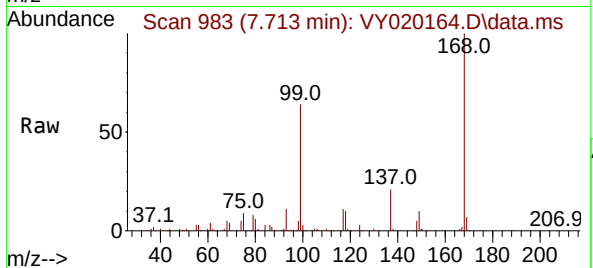
Tgt Ion: 75 Resp: 15507
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.0 25.3 37.9#



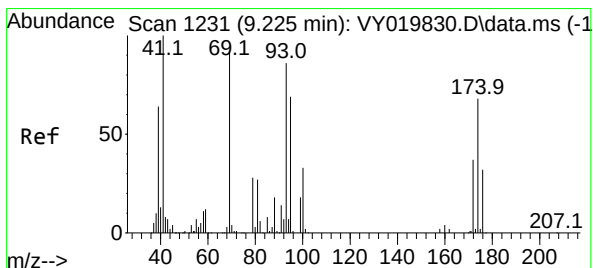
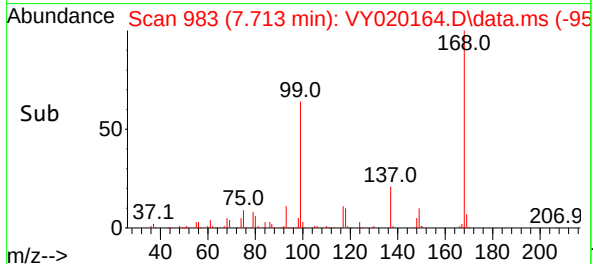
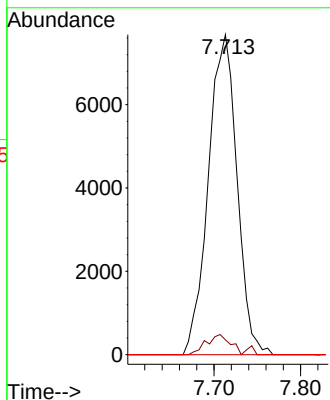


#38
Carbon Tetrachloride
Concen: 5.435 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

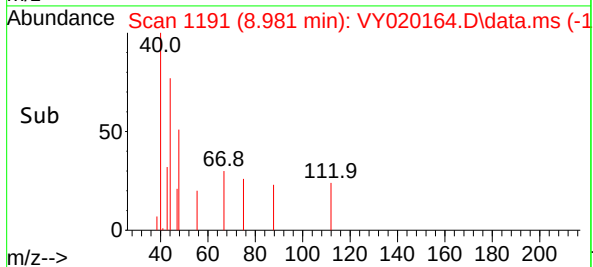
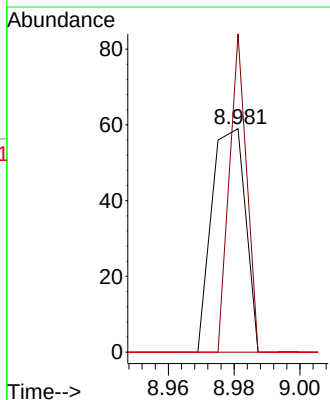
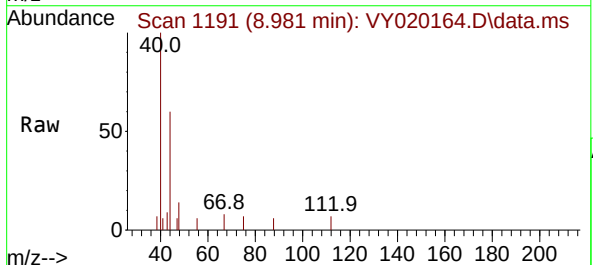


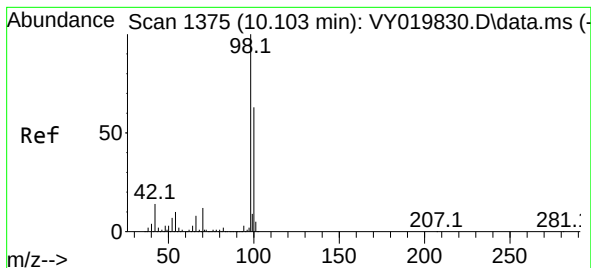
Tgt Ion:117 Resp: 17661
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.336 ug/l
RT: 8.981 min Scan# 1191
Delta R.T. -0.250 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 73.8 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 49.379 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020164.D

Acq: 05 Nov 2024 14:08

Instrument :

MSVOA_Y

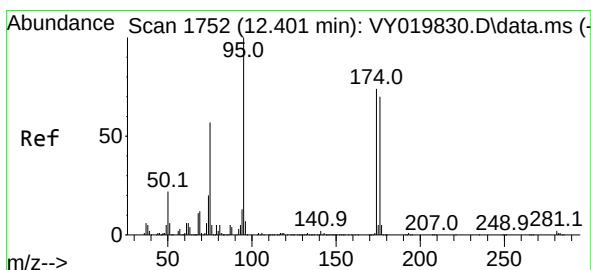
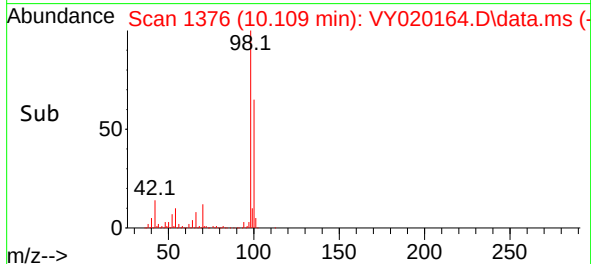
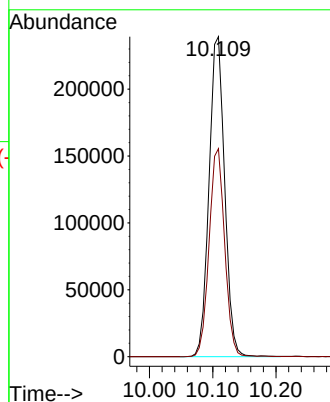
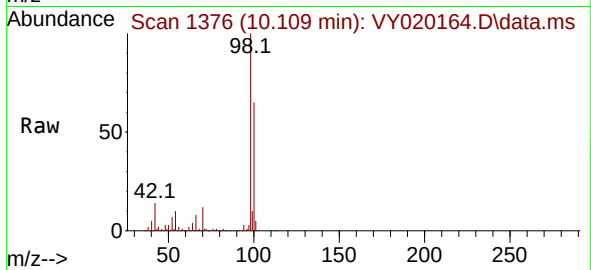
ClientSampleId :

Tgt Ion: 98 Resp: 411168

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.919 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020164.D

Acq: 05 Nov 2024 14:08

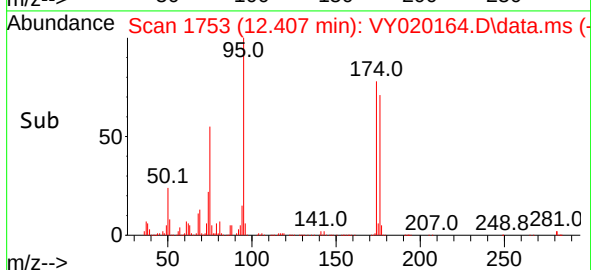
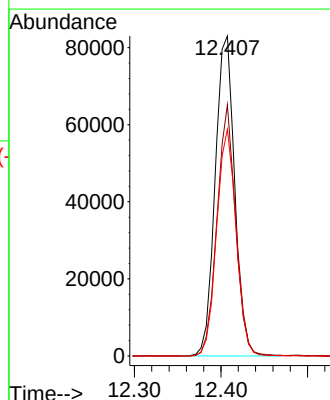
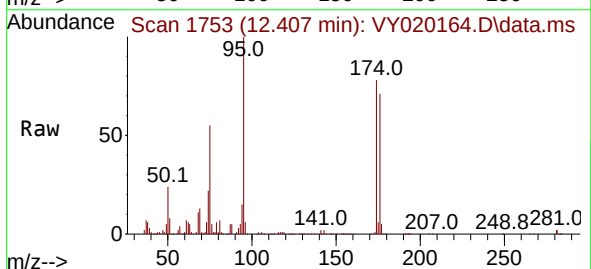
Tgt Ion: 95 Resp: 129603

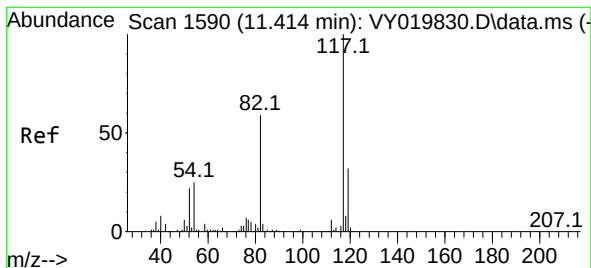
Ion Ratio Lower Upper

95 100

174 75.5 0.0 175.6

176 70.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

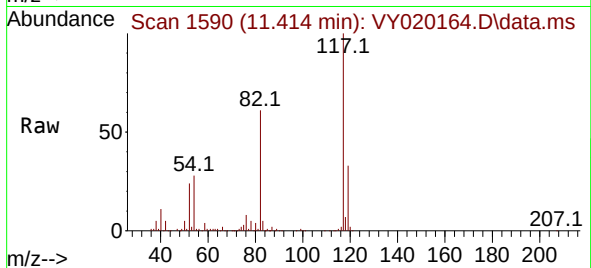
Lab File: VY020164.D

Acq: 05 Nov 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :



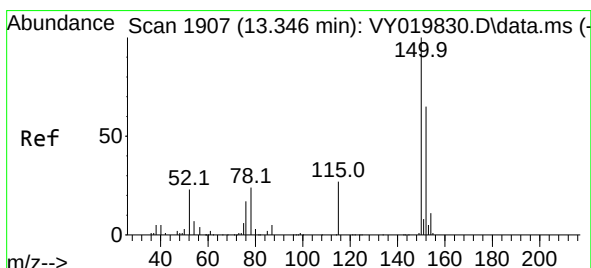
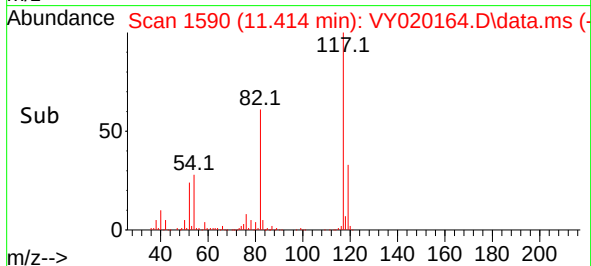
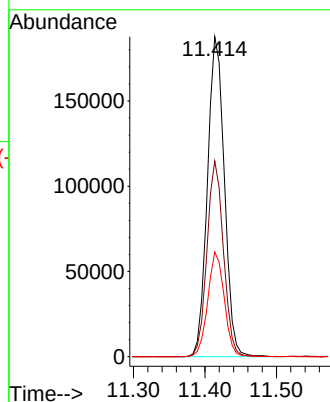
Tgt Ion:117 Resp: 308956

Ion Ratio Lower Upper

117 100

82 61.2 42.4 63.6

119 32.7 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: VY020164.D

Acq: 05 Nov 2024 14:08

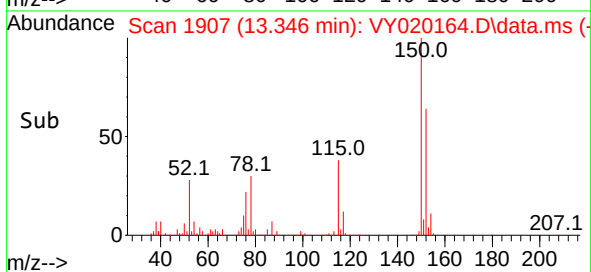
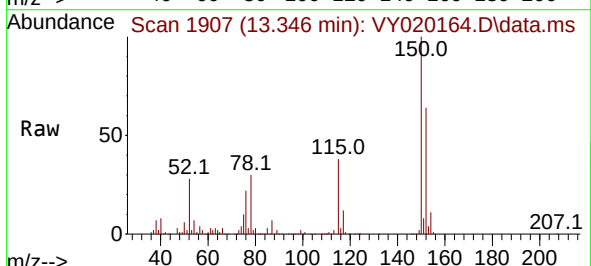
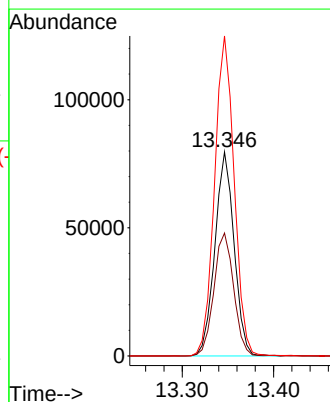
Tgt Ion:152 Resp: 116313

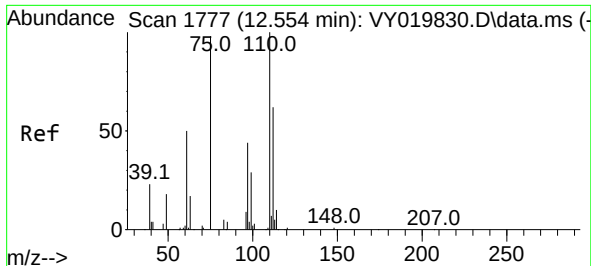
Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 160.1 0.0 345.6

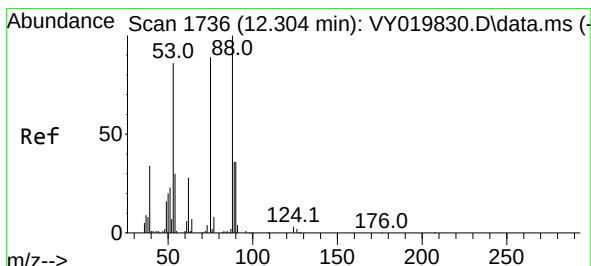
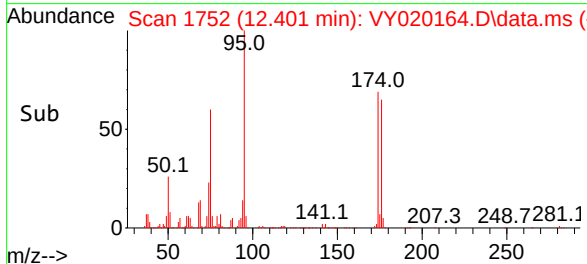
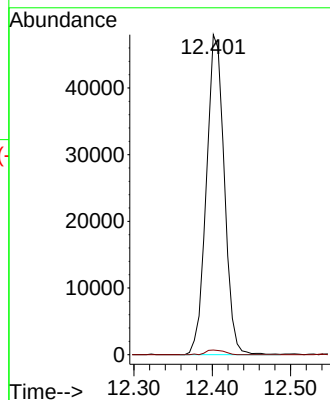
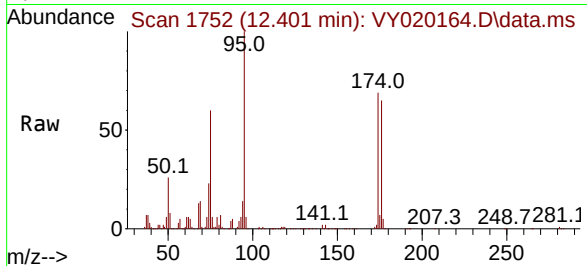




#76
1,2,3-Trichloropropane
Concen: 69.801 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76105
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 150.140 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020164.D
Acq: 05 Nov 2024 14:08

Tgt Ion: 75 Resp: 76105
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#

