

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012250.D
 Acq On : 18 Jan 2023 16:50
 Operator : KP/MD
 Sample : 01184-02RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-SOUTH

Quant Time: Jan 19 00:36:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

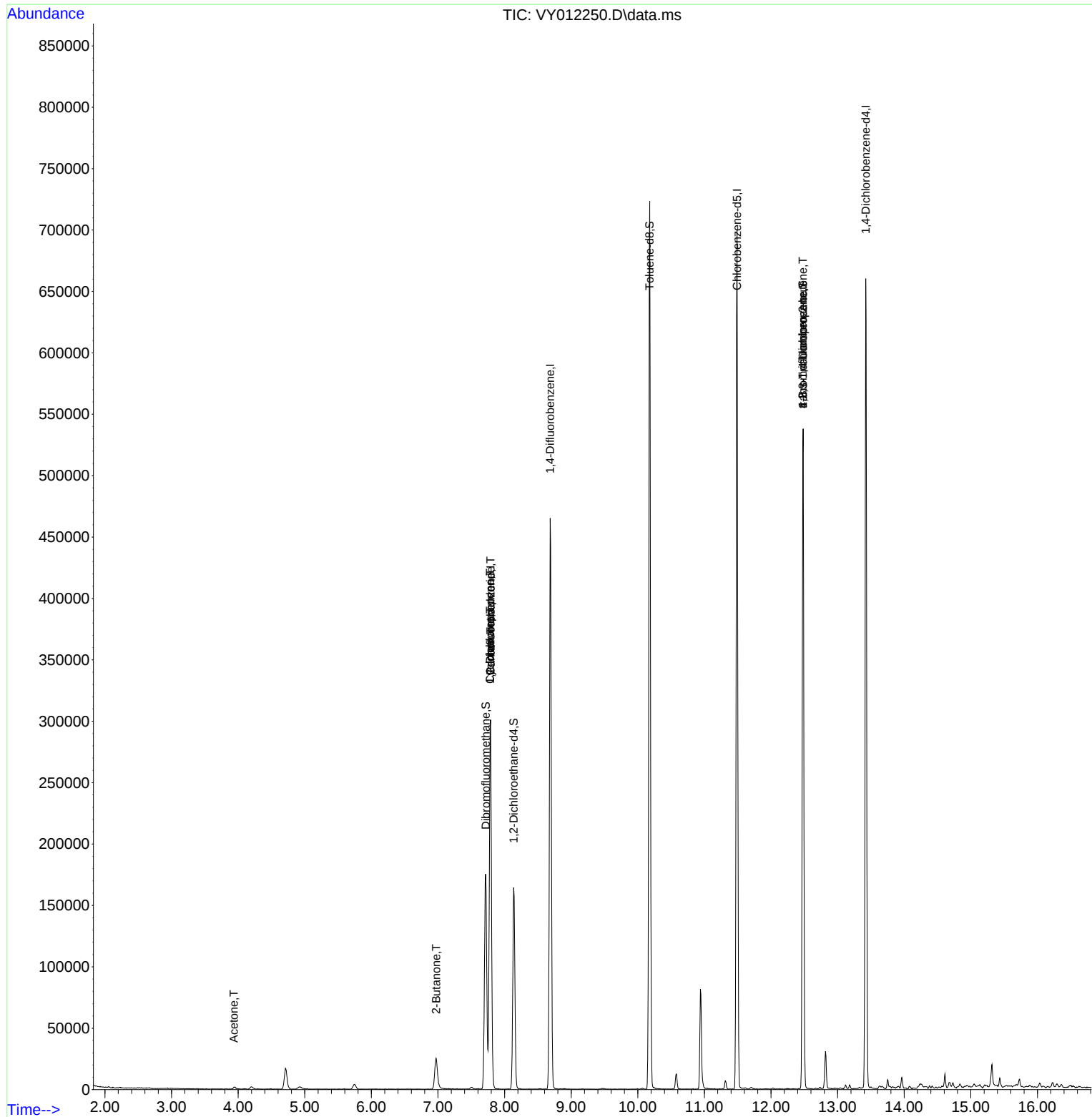
Internal Standards						
1) Pentafluorobenzene	7.789	168	241838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	409788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	390886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132903	67.692	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 135.380%		
35) Dibromofluoromethane	7.716	113	124516	57.385	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 114.780%		
50) Toluene-d8	10.179	98	484891	65.872	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 131.740%		
62) 4-Bromofluorobenzene	12.477	95	164406	53.749	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 107.500%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	2517	Below Cal	#	74
16) Acetone	3.936	43	2878	4.274	ug/l	99
20) Methylene Chloride	4.710	84	13242	Below Cal		91
25) 2-Butanone	6.972	43	1399	1.882	ug/l	# 76
31) Cyclohexane	7.783	56	4095	1.161	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	16758	4.544	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	23267	4.885	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	83649	51.030	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	83649	105.144	ug/l	# 13

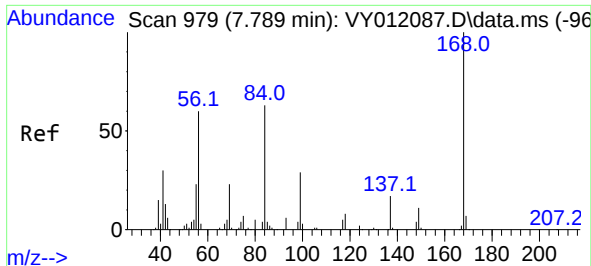
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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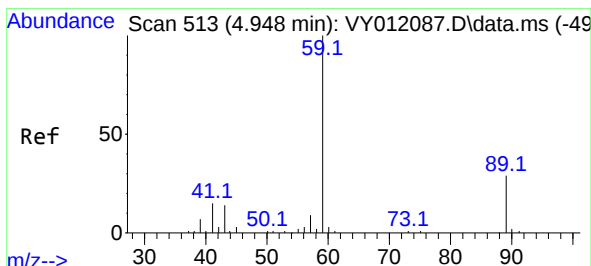
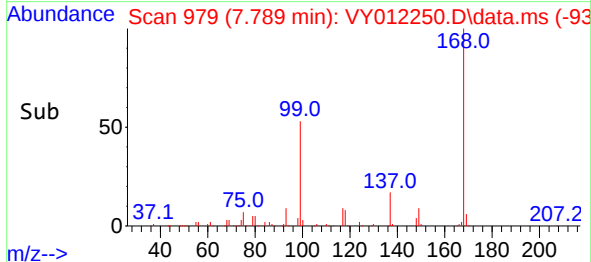
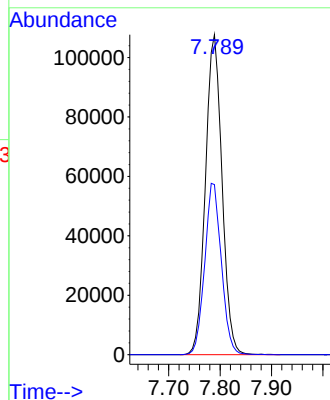
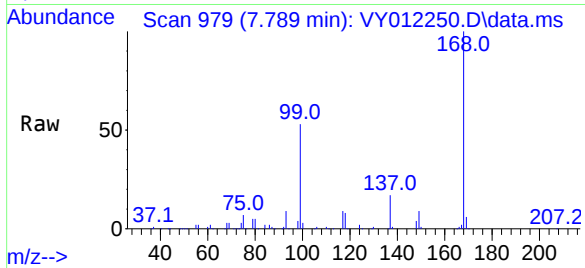




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

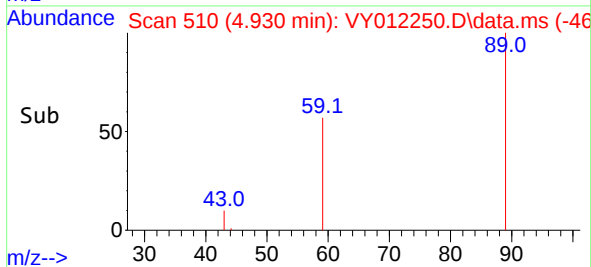
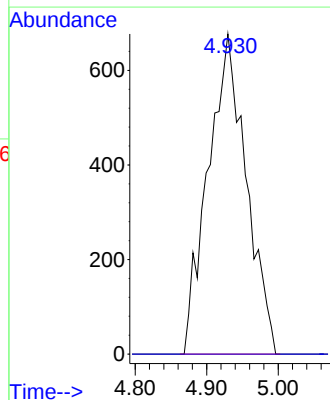
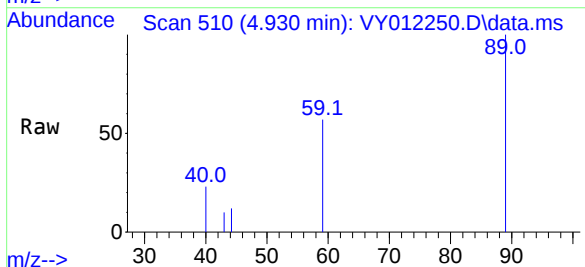
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

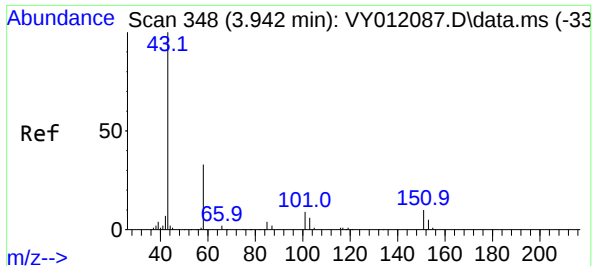
Tgt Ion:168 Resp: 241838
Ion Ratio Lower Upper
168 100
99 53.1 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

Tgt Ion: 59 Resp: 2517
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

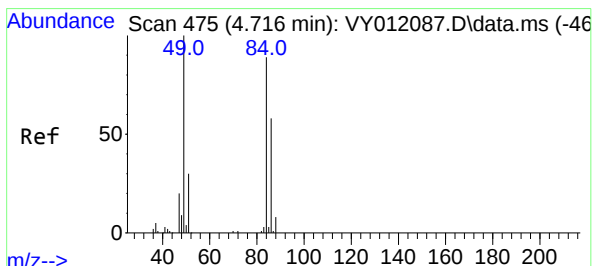
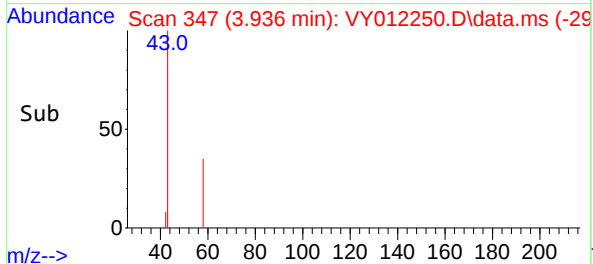
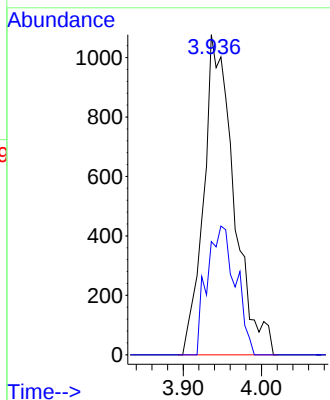
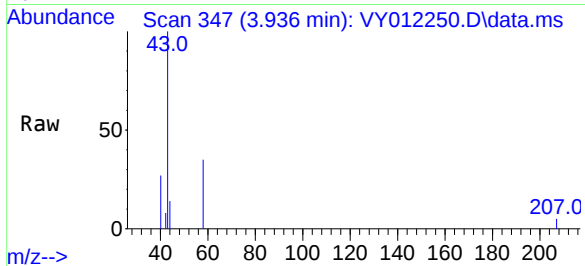




#16
Acetone
Concen: 4.274 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

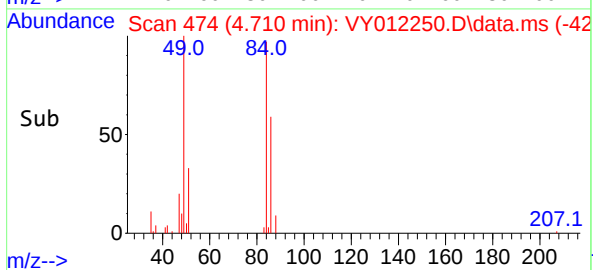
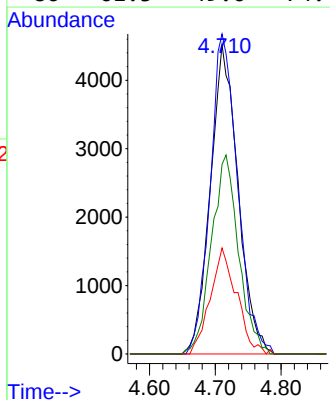
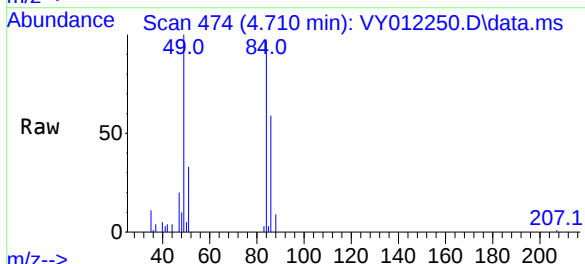
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

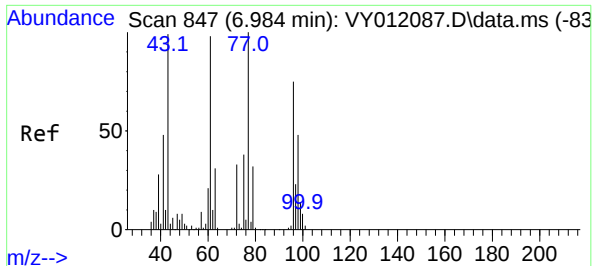
Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
58 35.4 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

Tgt Ion: 84 Resp: 13242
Ion Ratio Lower Upper
84 100
49 103.5 95.4 143.2
51 34.3 29.9 44.9
86 61.3 49.6 74.4





#25

2-Butanone

Concen: 1.882 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012250.D

Acq: 18 Jan 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

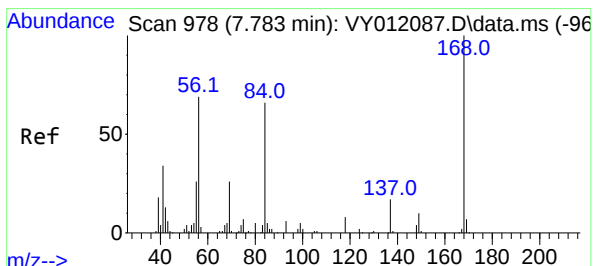
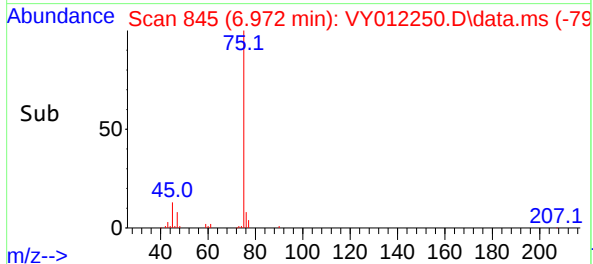
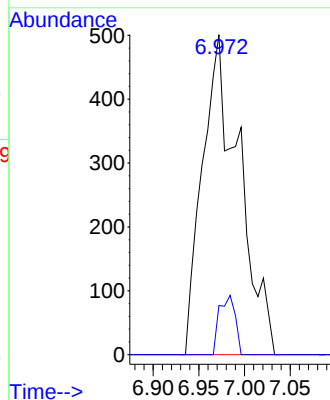
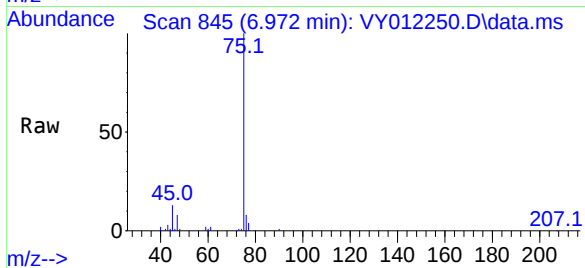
APNB-SOUTH

Tgt Ion: 43 Resp: 1399

Ion Ratio Lower Upper

43 100

72 15.4 22.6 34.0#



#31

Cyclohexane

Concen: 1.161 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012250.D

Acq: 18 Jan 2023 16:50

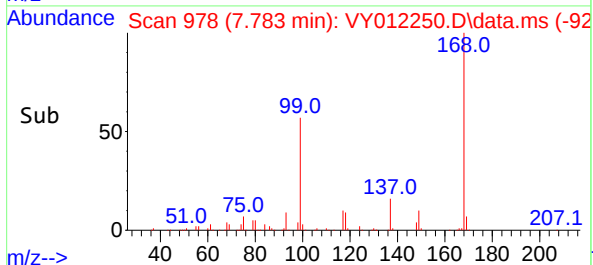
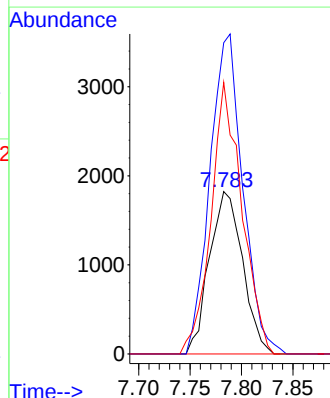
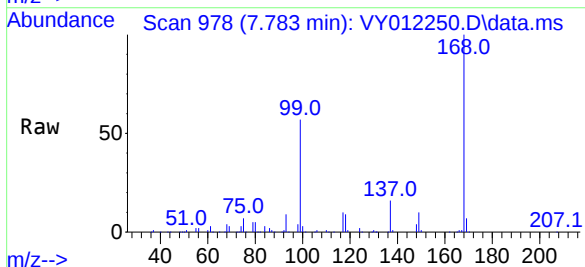
Tgt Ion: 56 Resp: 4095

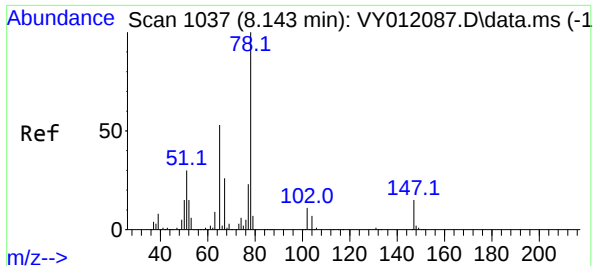
Ion Ratio Lower Upper

56 100

69 191.7 29.2 43.8#

84 167.2 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 67.692 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012250.D

Acq: 18 Jan 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

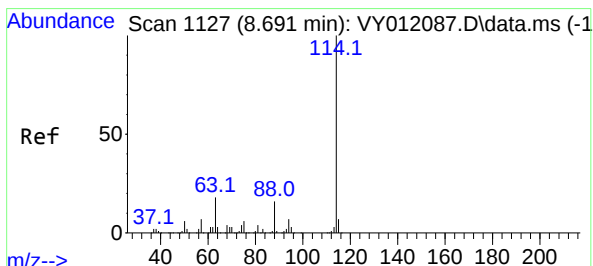
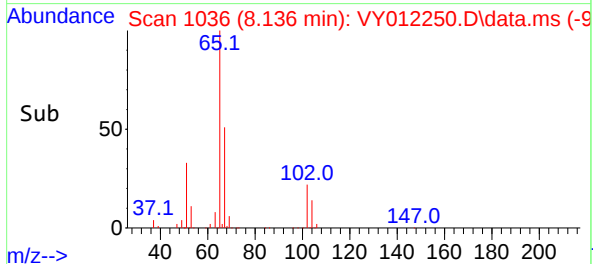
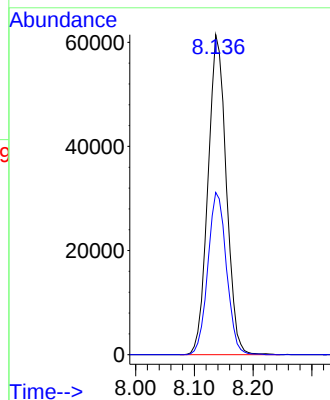
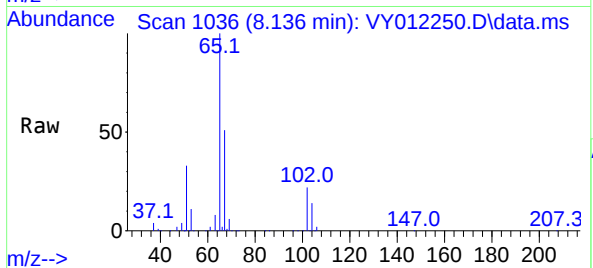
APNB-SOUTH

Tgt Ion: 65 Resp: 132903

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012250.D

Acq: 18 Jan 2023 16:50

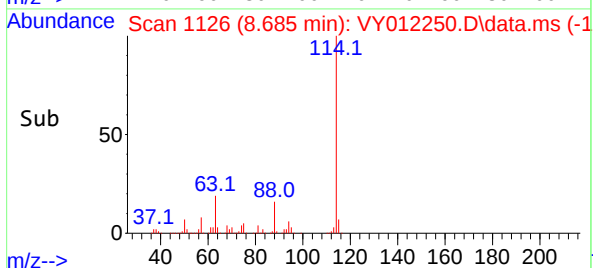
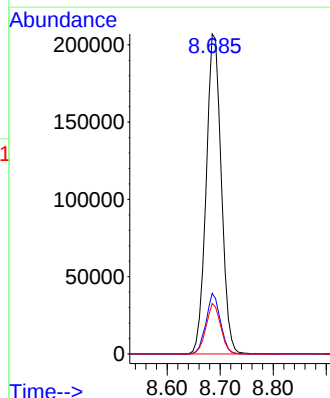
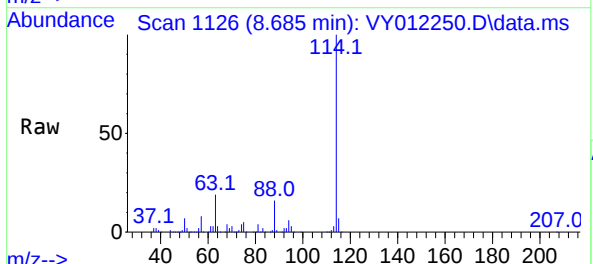
Tgt Ion:114 Resp: 409788

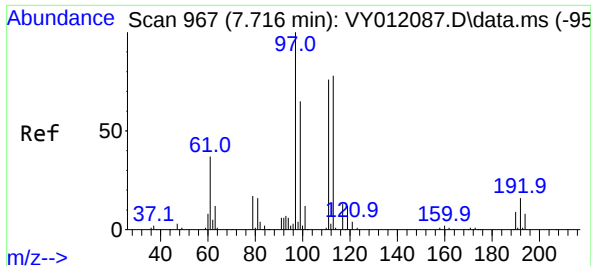
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.8 0.0 32.2

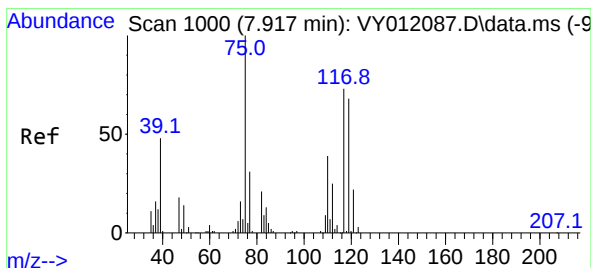
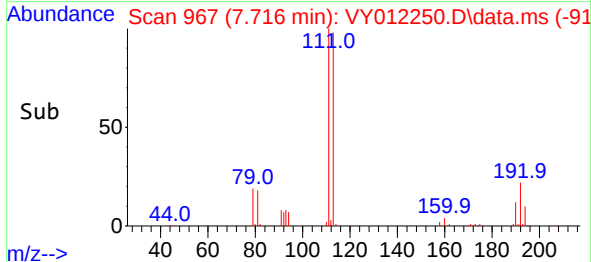
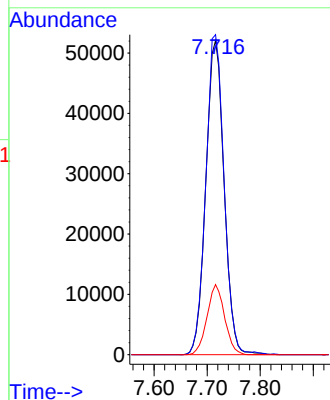
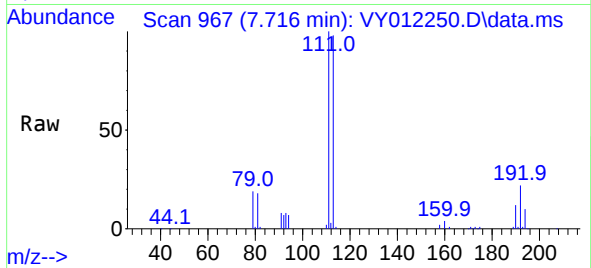




#35
Dibromofluoromethane
Concen: 57.385 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

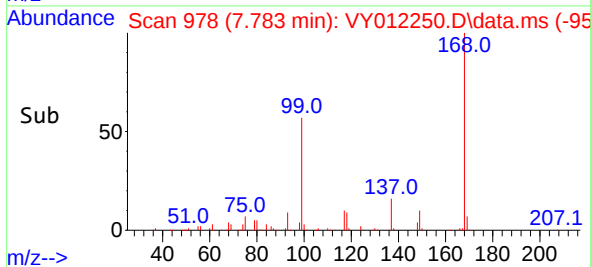
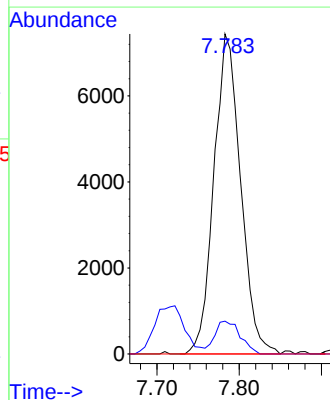
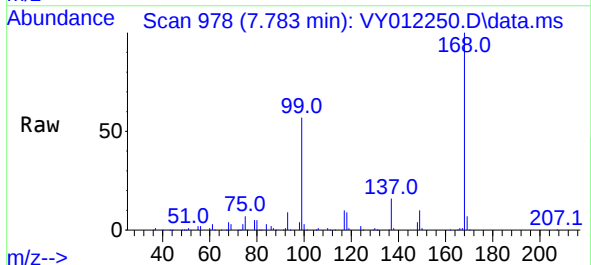
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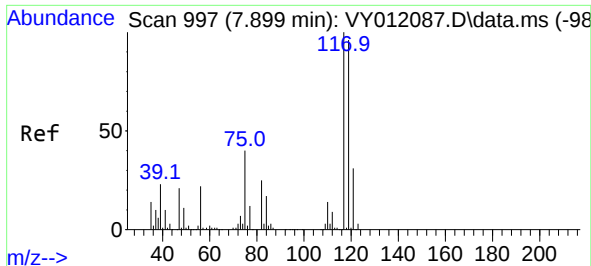
Tgt Ion:113 Resp: 124516
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 21.5 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.544 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

Tgt Ion: 75 Resp: 16758
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.0 25.1 37.7#

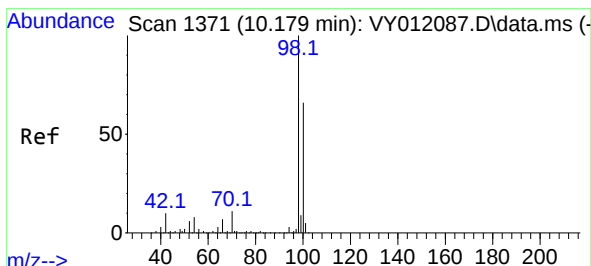
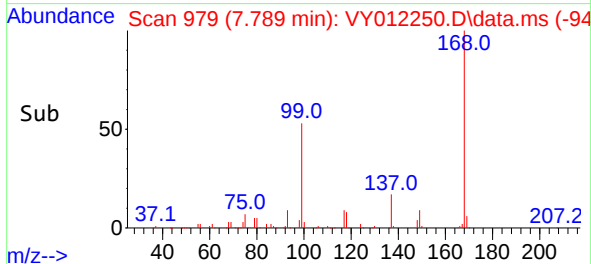
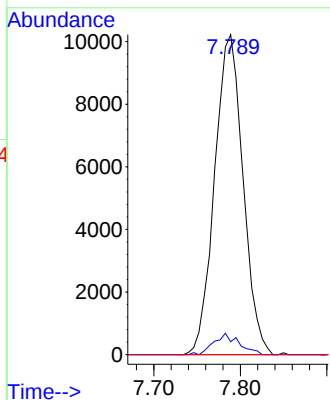
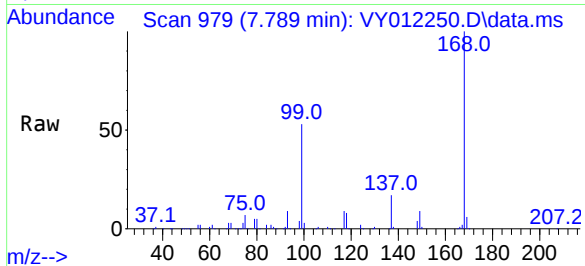




#38
Carbon Tetrachloride
Concen: 4.885 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

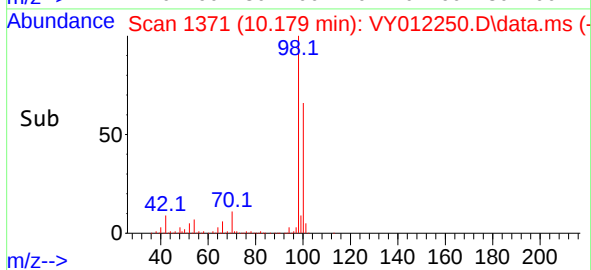
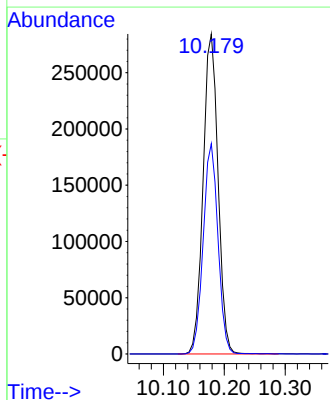
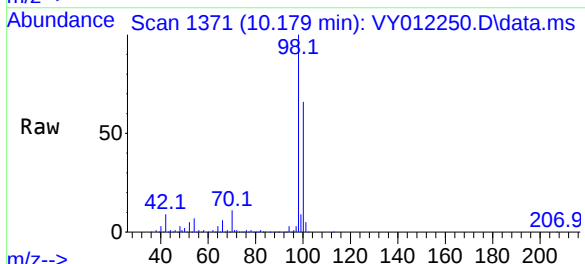
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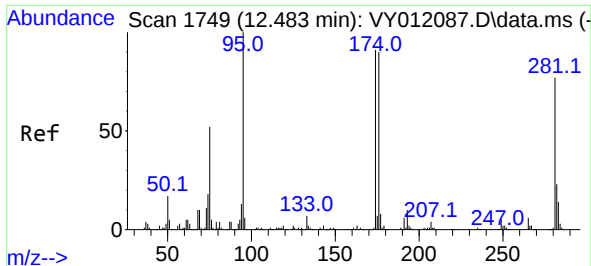
Tgt Ion:117 Resp: 23267
Ion Ratio Lower Upper
117 100
119 4.1 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.872 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

Tgt Ion: 98 Resp: 484891
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

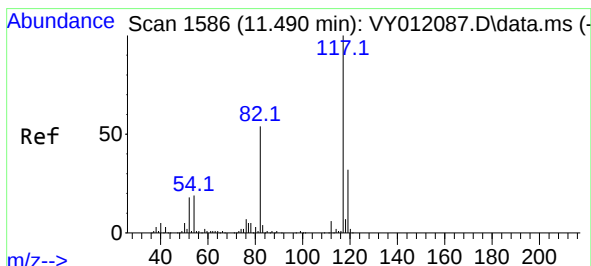
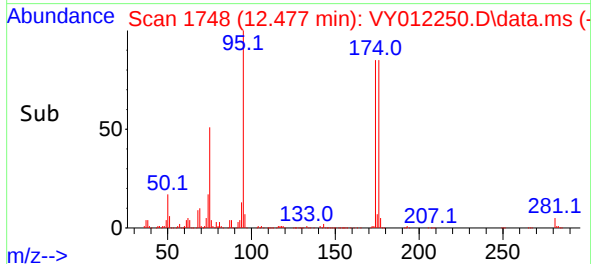
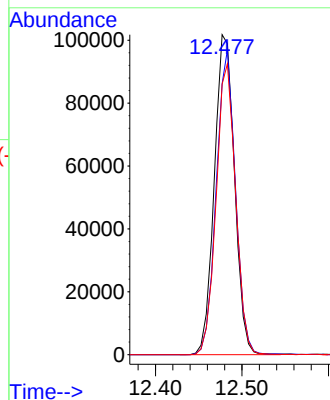
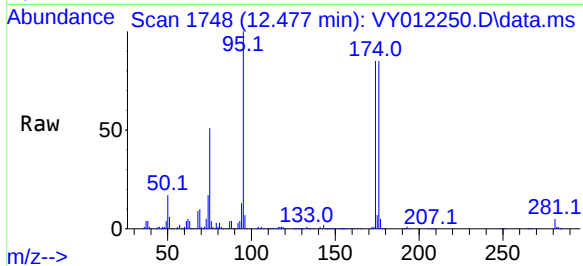




#62
4-Bromofluorobenzene
Concen: 53.749 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

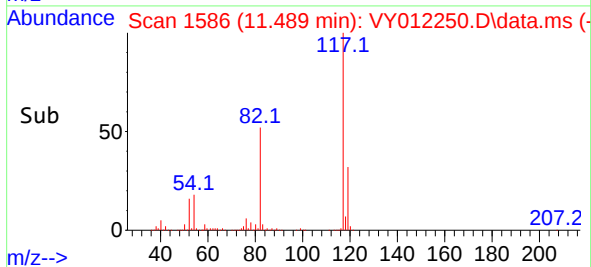
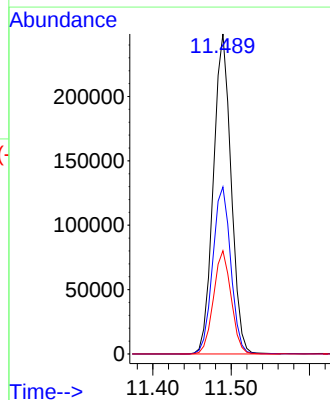
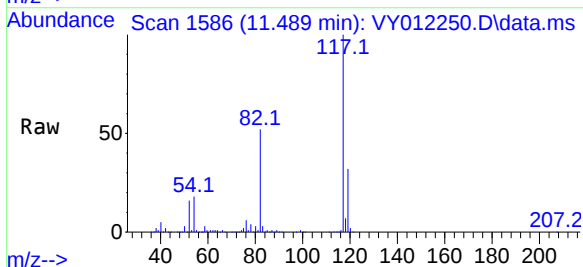
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

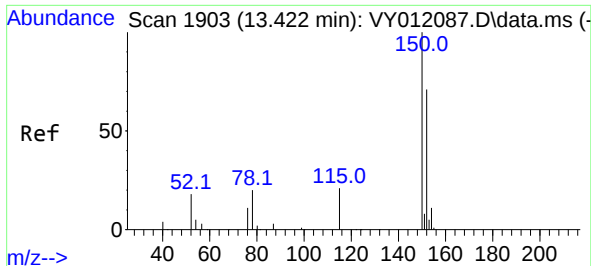
Tgt Ion: 95 Resp: 164406
Ion Ratio Lower Upper
95 100
174 90.6 0.0 172.0
176 87.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

Tgt Ion: 117 Resp: 390886
Ion Ratio Lower Upper
117 100
82 52.2 44.8 67.2
119 32.3 25.4 38.2

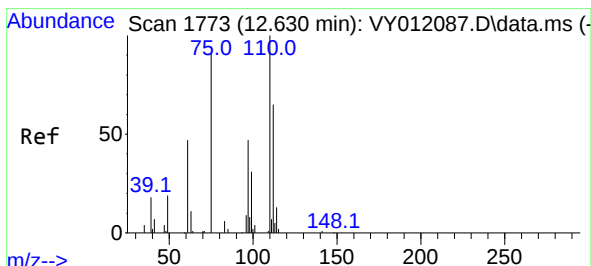
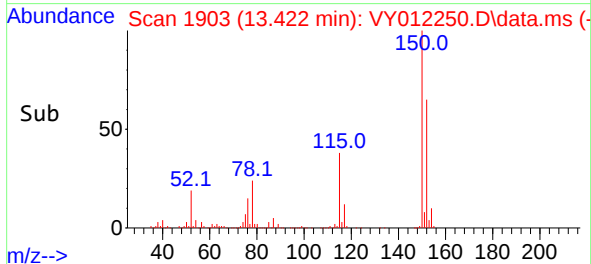
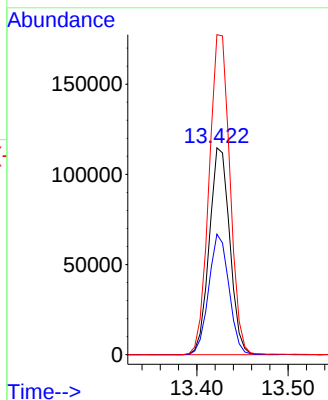
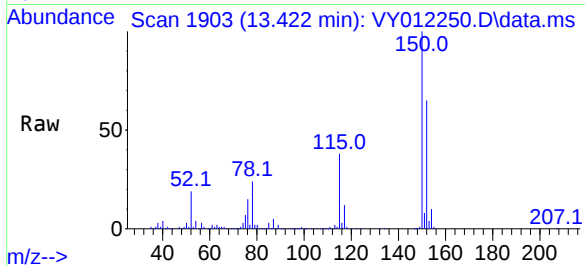




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

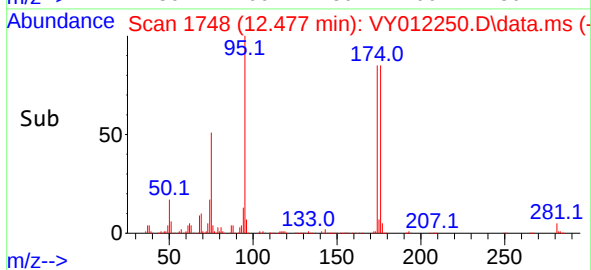
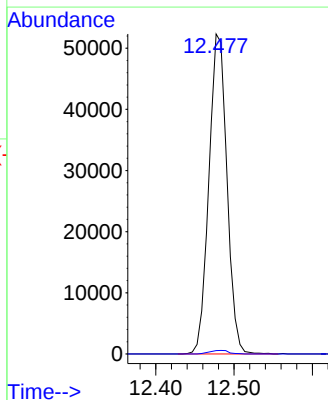
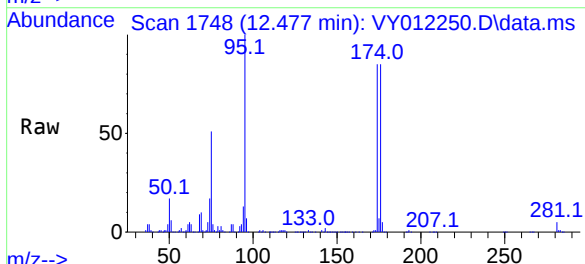
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

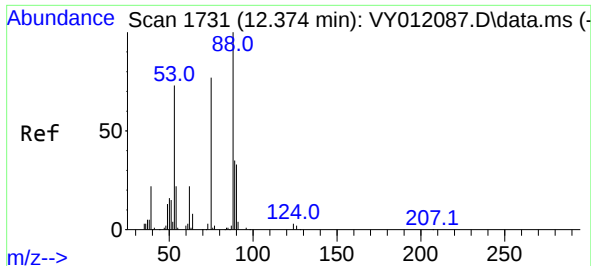
Tgt Ion:152 Resp: 178265
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.3
150 157.7 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 51.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY012250.D
Acq: 18 Jan 2023 16:50

Tgt Ion: 75 Resp: 83649
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.144 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012250.D
 Acq: 18 Jan 2023 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-SOUTH

Tgt Ion: 75 Resp: 83649
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.1 37.0 55.4#

