

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012243.D
 Acq On : 18 Jan 2023 13:58
 Operator : KP/MD
 Sample : 01184-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-EAST

Quant Time: Jan 19 00:35:28 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)

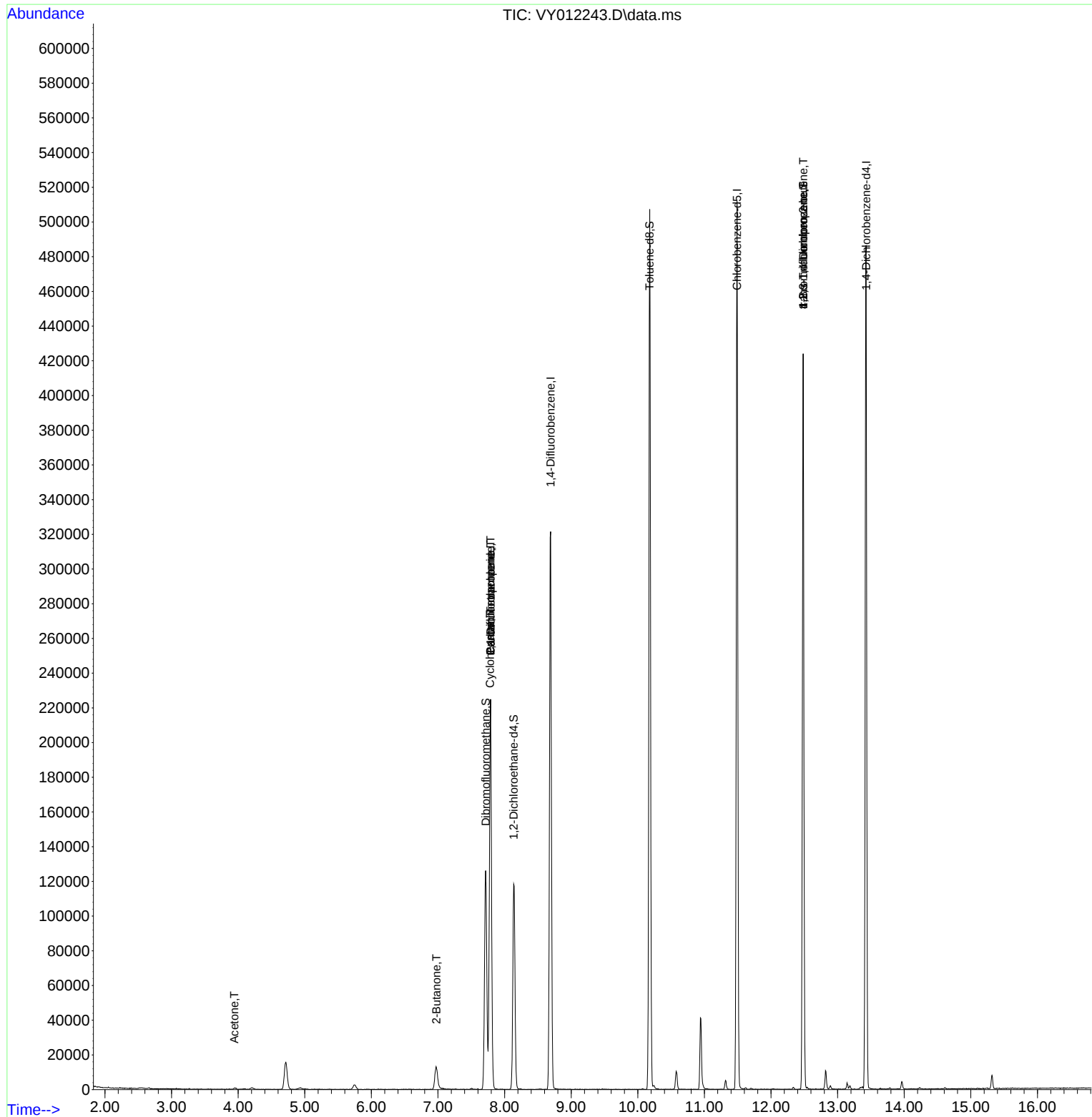
Internal Standards						
1) Pentafluorobenzene	7.789	168	175948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103079	72.444	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 144.880%		
35) Dibromofluoromethane	7.716	113	87039	56.512	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.020%		
50) Toluene-d8	10.179	98	343667	65.766	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 131.540%		
62) 4-Bromofluorobenzene	12.483	95	116849	53.818	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 107.640%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	352	Below Cal	#	74
16) Acetone	3.942	43	1300	2.653	ug/l	93
20) Methylene Chloride	4.716	84	13553	Below Cal	#	85
25) 2-Butanone	6.978	43	579	1.070	ug/l	# 46
31) Cyclohexane	7.783	56	3095	1.206	ug/l	# 16
36) 1,1-Dichloropropene	7.789	75	11486	4.388	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	17476	5.169	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	62940	51.459	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	62940	106.028	ug/l	# 13

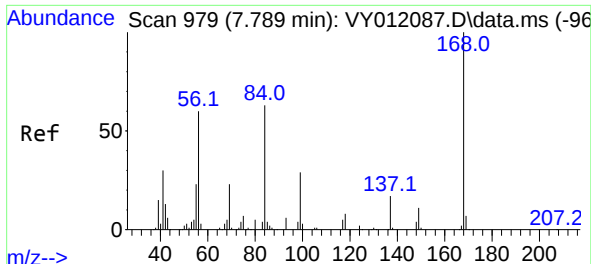
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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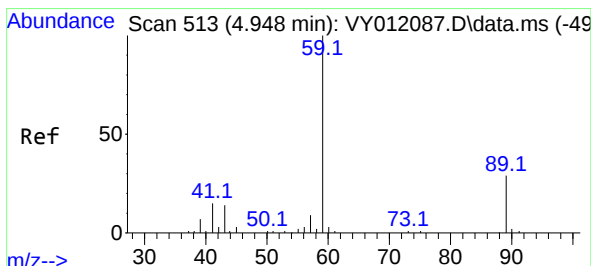
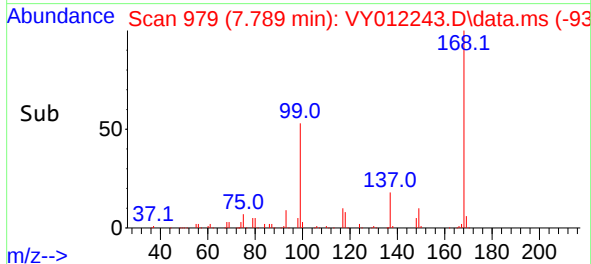
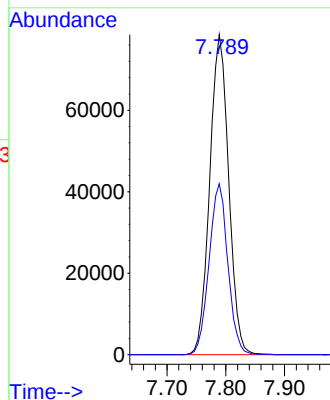
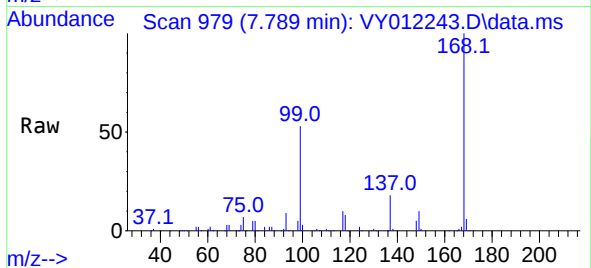




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012243.D
Acq: 18 Jan 2023 13:58

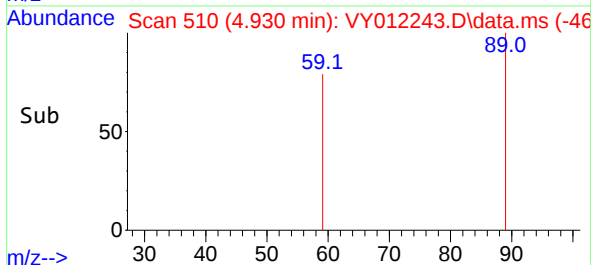
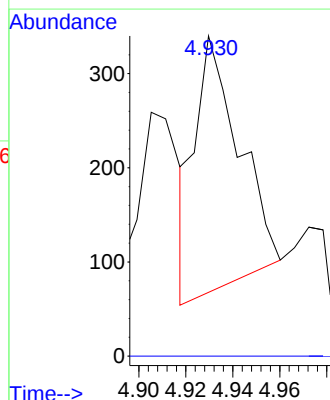
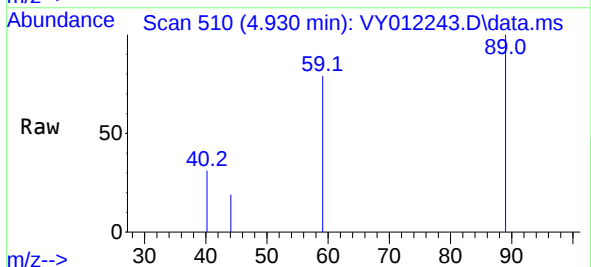
Instrument :
MSVOA_Y
ClientSampleId :
APNB-EAST

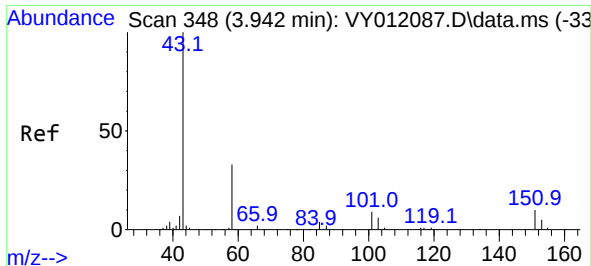
Tgt Ion:168 Resp: 175948
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012243.D
Acq: 18 Jan 2023 13:58

Tgt Ion: 59 Resp: 352
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

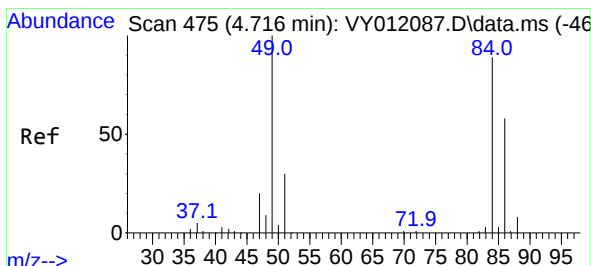
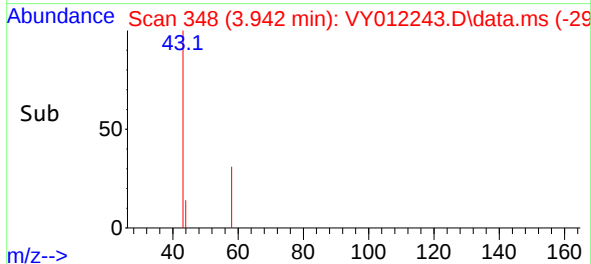
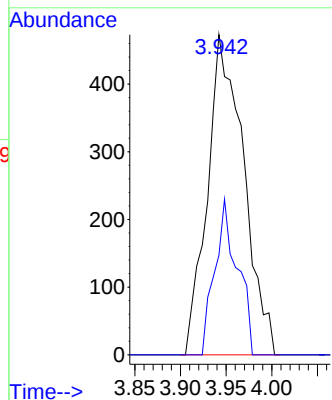
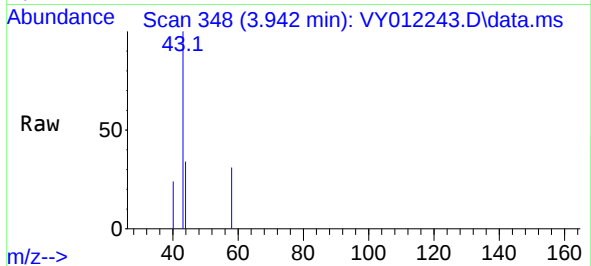




#16
Acetone
Concen: 2.653 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012243.D
Acq: 18 Jan 2023 13:58

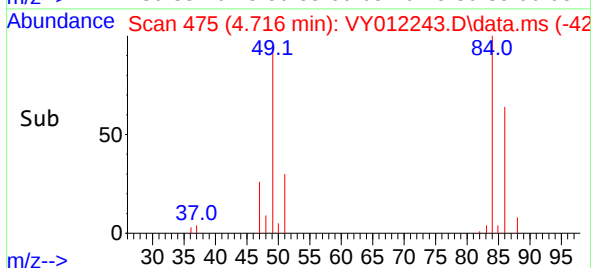
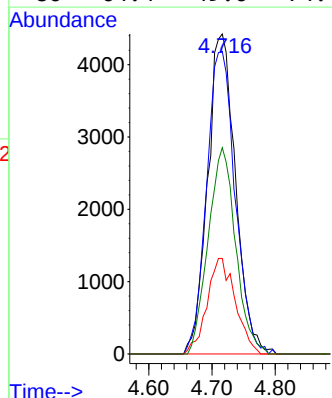
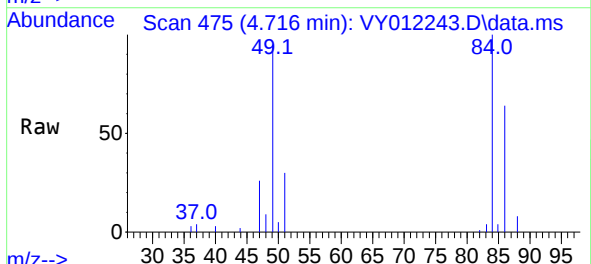
Instrument :
MSVOA_Y
ClientSampleId :
APNB-EAST

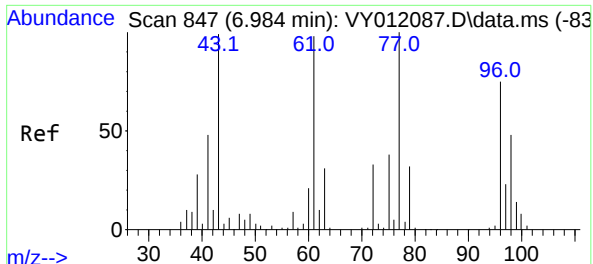
Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
58 31.1 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012243.D
Acq: 18 Jan 2023 13:58

Tgt Ion: 84 Resp: 13553
Ion Ratio Lower Upper
84 100
49 94.6 95.4 143.2#
51 29.9 29.9 44.9#
86 64.4 49.6 74.4





#25

2-Butanone

Concen: 1.070 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY012243.D

Acq: 18 Jan 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

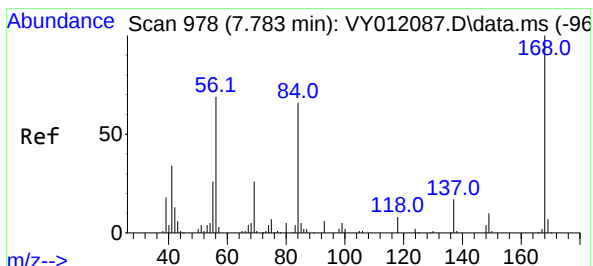
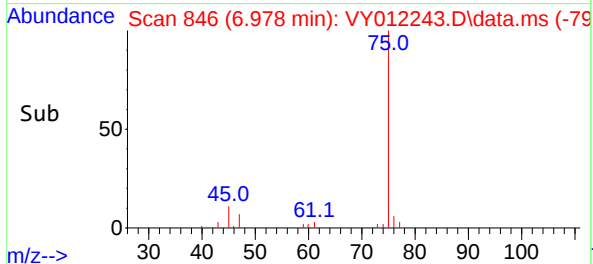
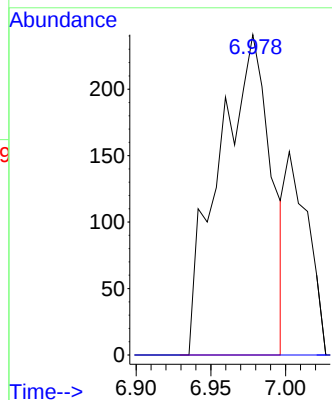
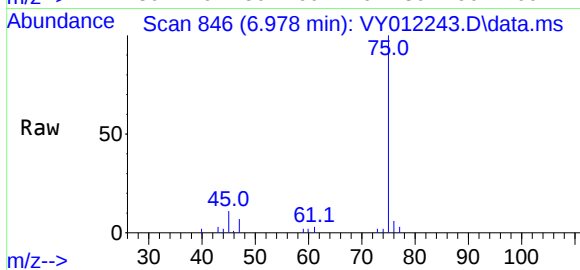
APNB-EAST

Tgt Ion: 43 Resp: 579

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.206 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012243.D

Acq: 18 Jan 2023 13:58

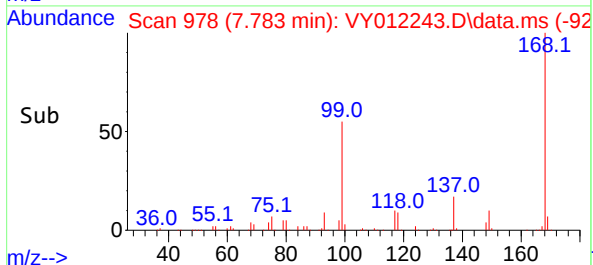
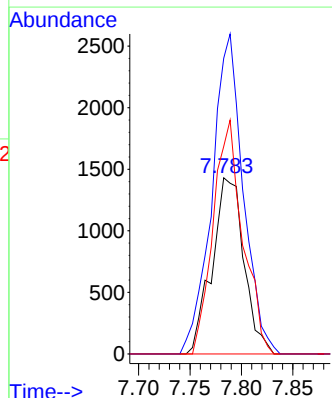
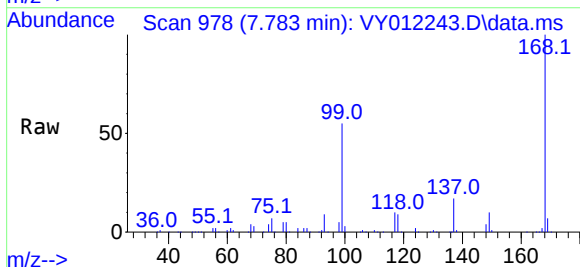
Tgt Ion: 56 Resp: 3095

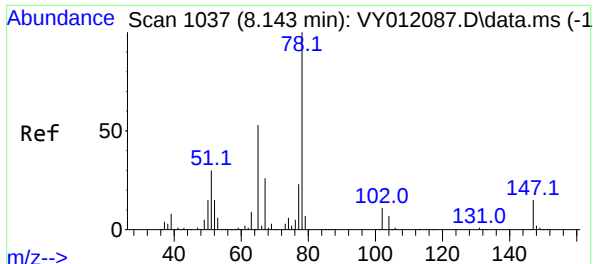
Ion Ratio Lower Upper

56 100

69 167.9 29.2 43.8#

84 117.7 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 72.444 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012243.D

Acq: 18 Jan 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

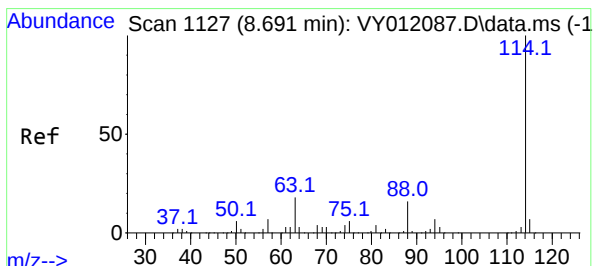
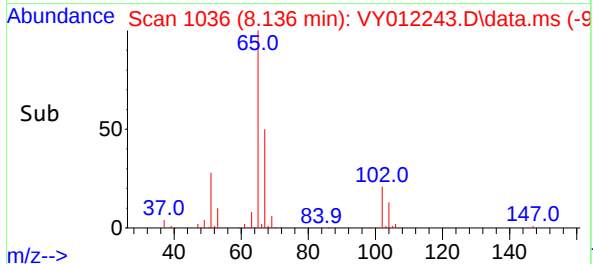
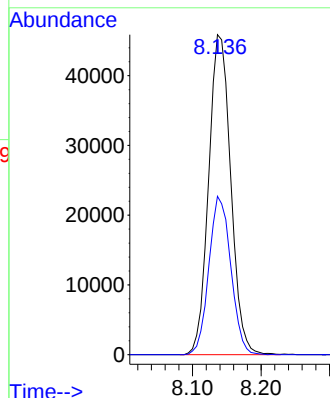
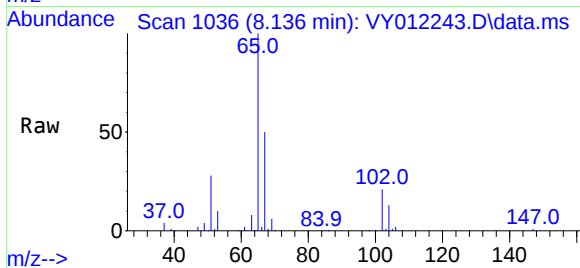
APNB-EAST

Tgt Ion: 65 Resp: 103079

Ion Ratio Lower Upper

65 100

67 49.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012243.D

Acq: 18 Jan 2023 13:58

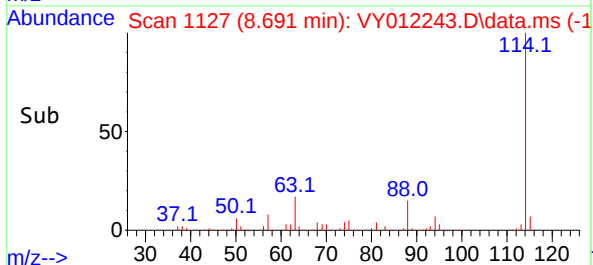
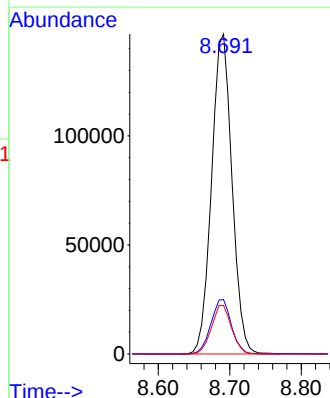
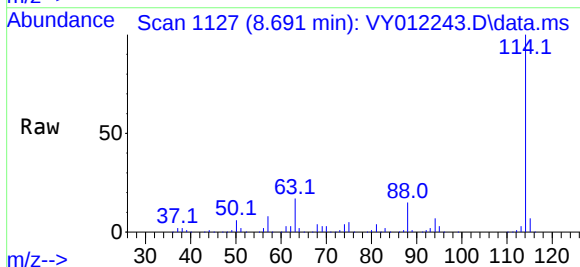
Tgt Ion: 114 Resp: 290873

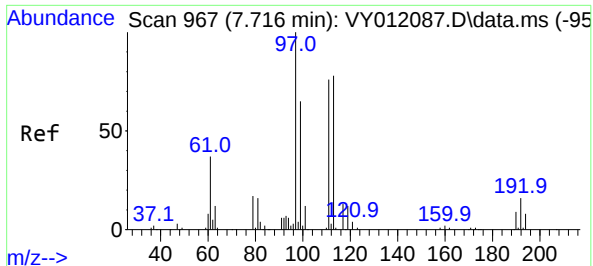
Ion Ratio Lower Upper

114 100

63 17.0 0.0 39.6

88 15.1 0.0 32.2



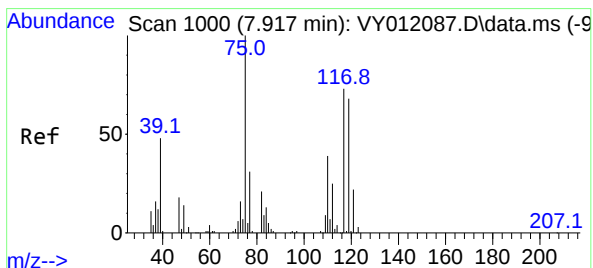
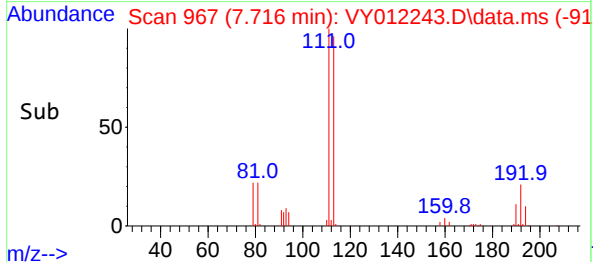
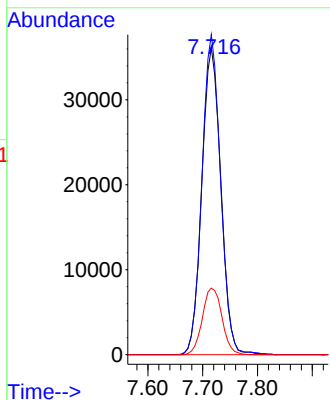
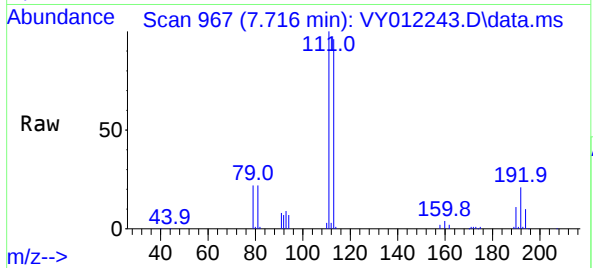


#35
Dibromofluoromethane
Concen: 56.512 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012243.D
Acq: 18 Jan 2023 13:58

Instrument :
MSVOA_Y
ClientSampleId :
APNB-EAST

Tgt Ion:113 Resp: 87039

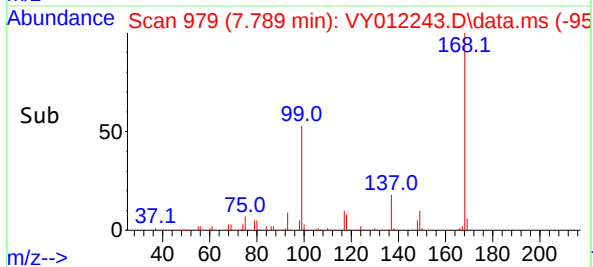
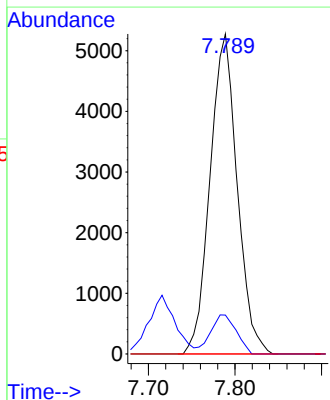
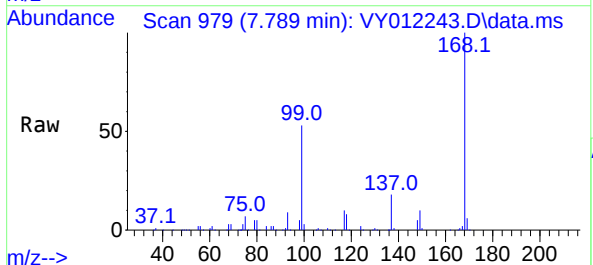
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	22.3	16.0	24.0

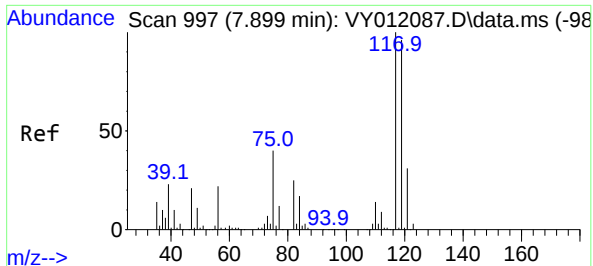


#36
1,1-Dichloropropene
Concen: 4.388 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012243.D
Acq: 18 Jan 2023 13:58

Tgt Ion: 75 Resp: 11486

Ion	Ratio	Lower	Upper
75	100		
110	11.7	18.1	54.1#
77	0.0	25.1	37.7#

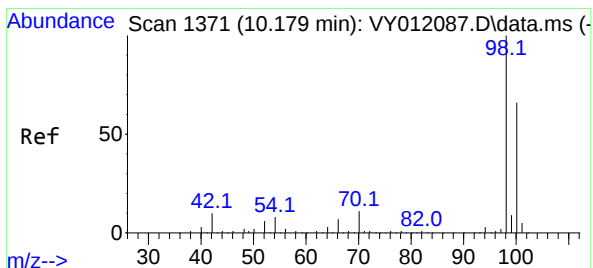
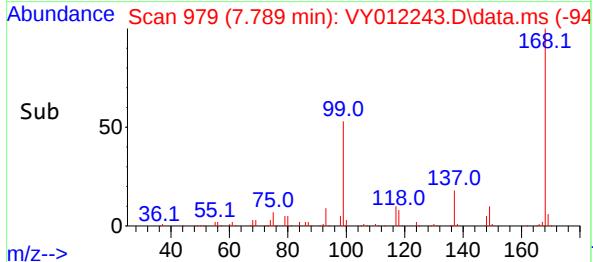
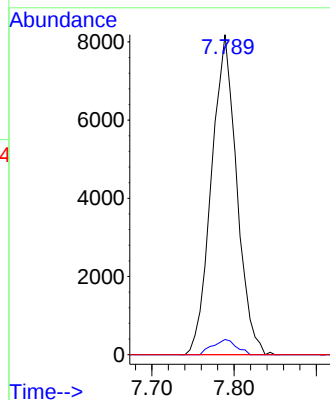
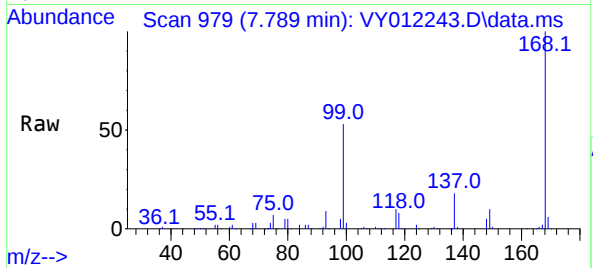




#38
Carbon Tetrachloride
Concen: 5.169 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012243.D
Acq: 18 Jan 2023 13:58

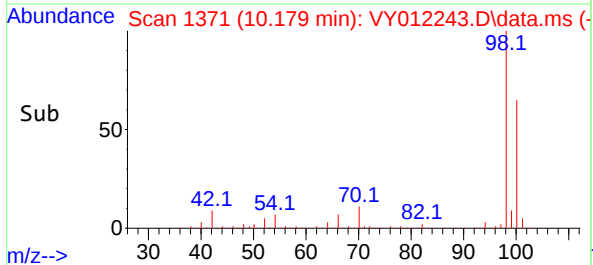
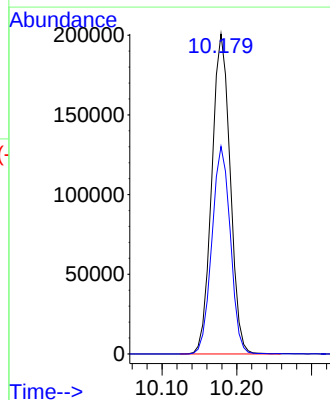
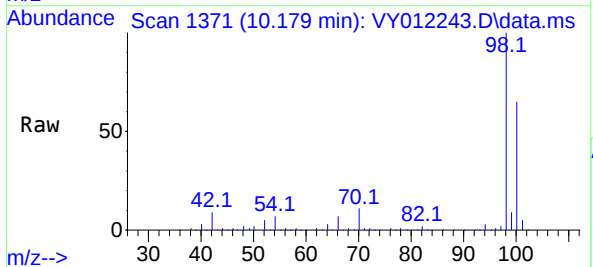
Instrument :
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ClientSampleId :
APNB-EAST

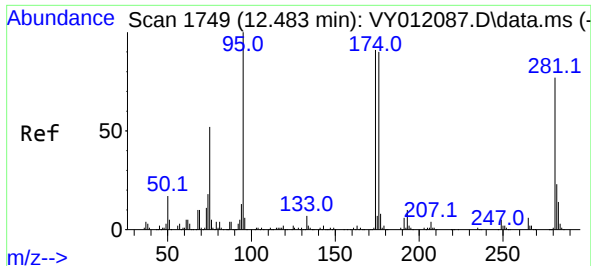
Tgt Ion:117 Resp: 17476
Ion Ratio Lower Upper
117 100
119 4.8 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.766 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012243.D
Acq: 18 Jan 2023 13:58

Tgt Ion: 98 Resp: 343667
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

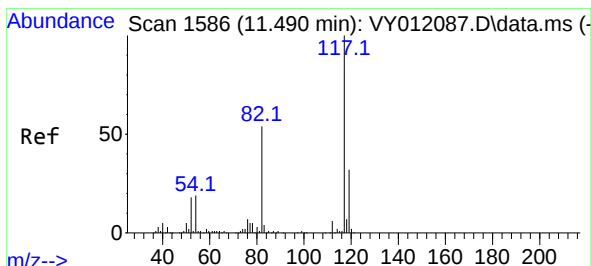
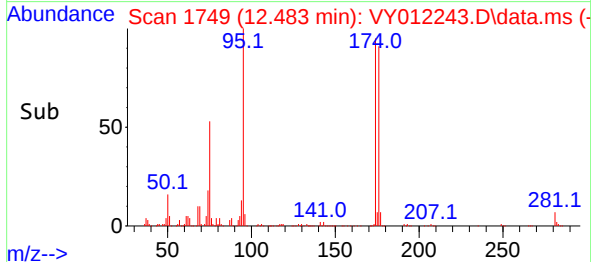
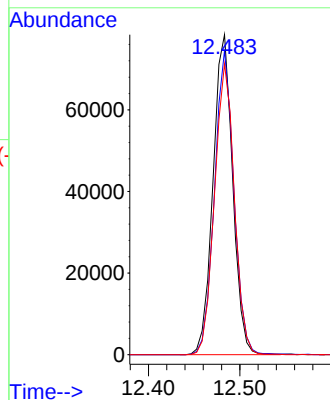
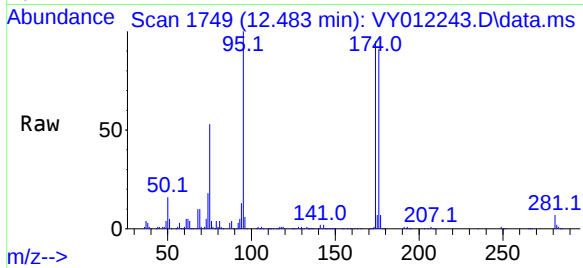




#62
4-Bromofluorobenzene
Concen: 53.818 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012243.D
Acq: 18 Jan 2023 13:58

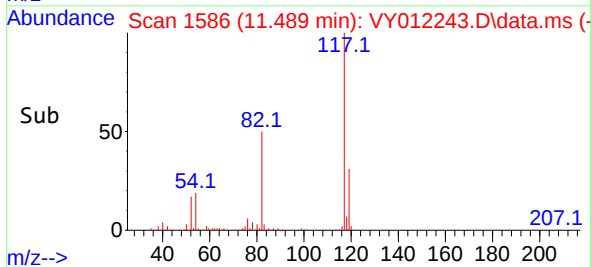
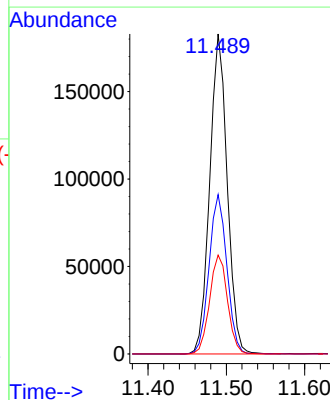
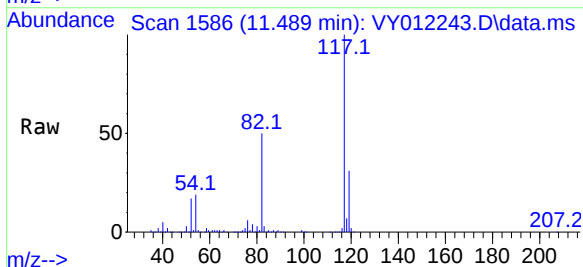
Instrument :
MSVOA_Y
ClientSampleId :
APNB-EAST

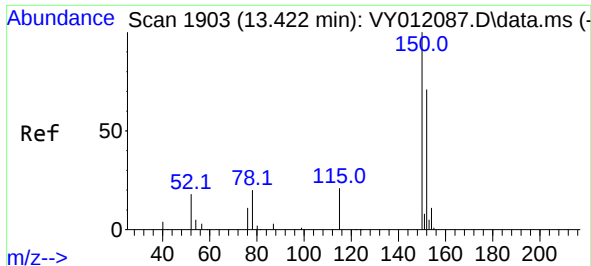
Tgt Ion: 95 Resp: 116849
Ion Ratio Lower Upper
95 100
174 94.0 0.0 172.0
176 91.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012243.D
Acq: 18 Jan 2023 13:58

Tgt Ion: 117 Resp: 282680
Ion Ratio Lower Upper
117 100
82 49.8 44.8 67.2
119 30.9 25.4 38.2

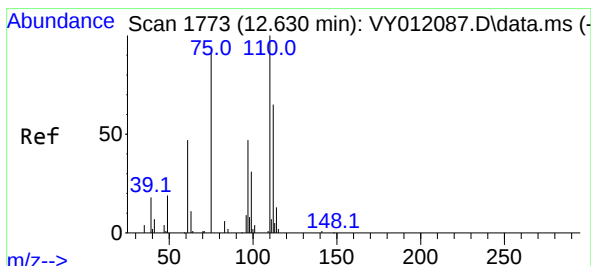
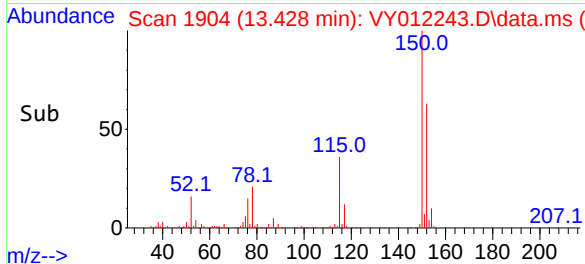
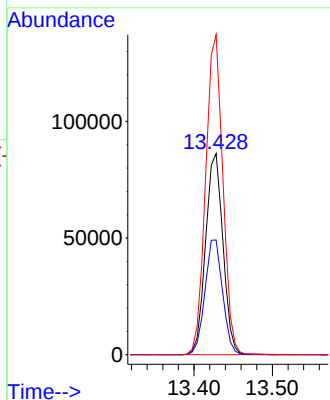
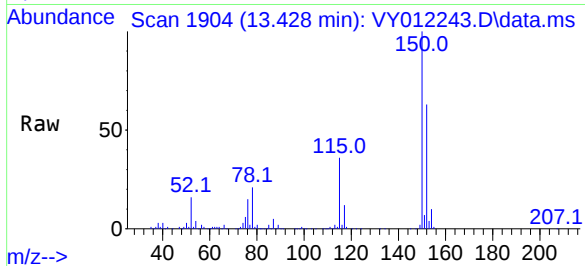




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY012243.D
 Acq: 18 Jan 2023 13:58

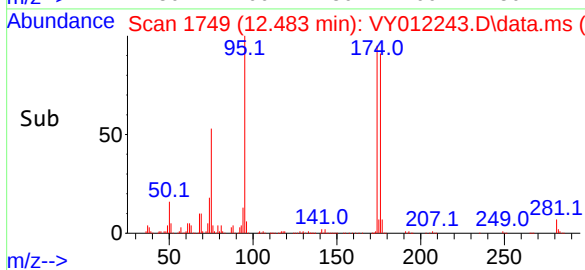
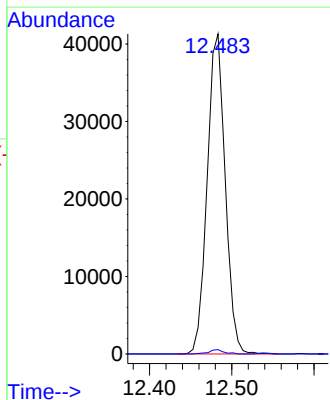
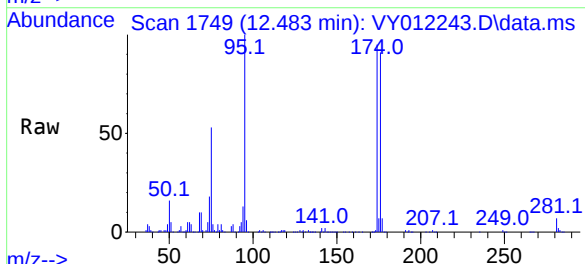
Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-EAST

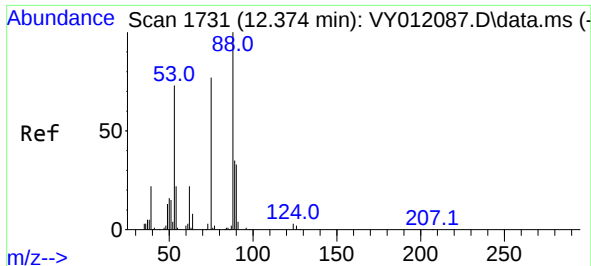
Tgt Ion:152 Resp: 133014
 Ion Ratio Lower Upper
 152 100
 115 58.0 29.1 87.3
 150 157.2 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 51.459 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012243.D
 Acq: 18 Jan 2023 13:58

Tgt Ion: 75 Resp: 62940
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.028 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012243.D
 Acq: 18 Jan 2023 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-EAST

Tgt Ion: 75 Resp: 62940
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

