

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012240.D
 Acq On : 18 Jan 2023 12:48
 Operator : KP/MD
 Sample : 01184-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-SOUTH

Quant Time: Jan 19 00:35:03 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)

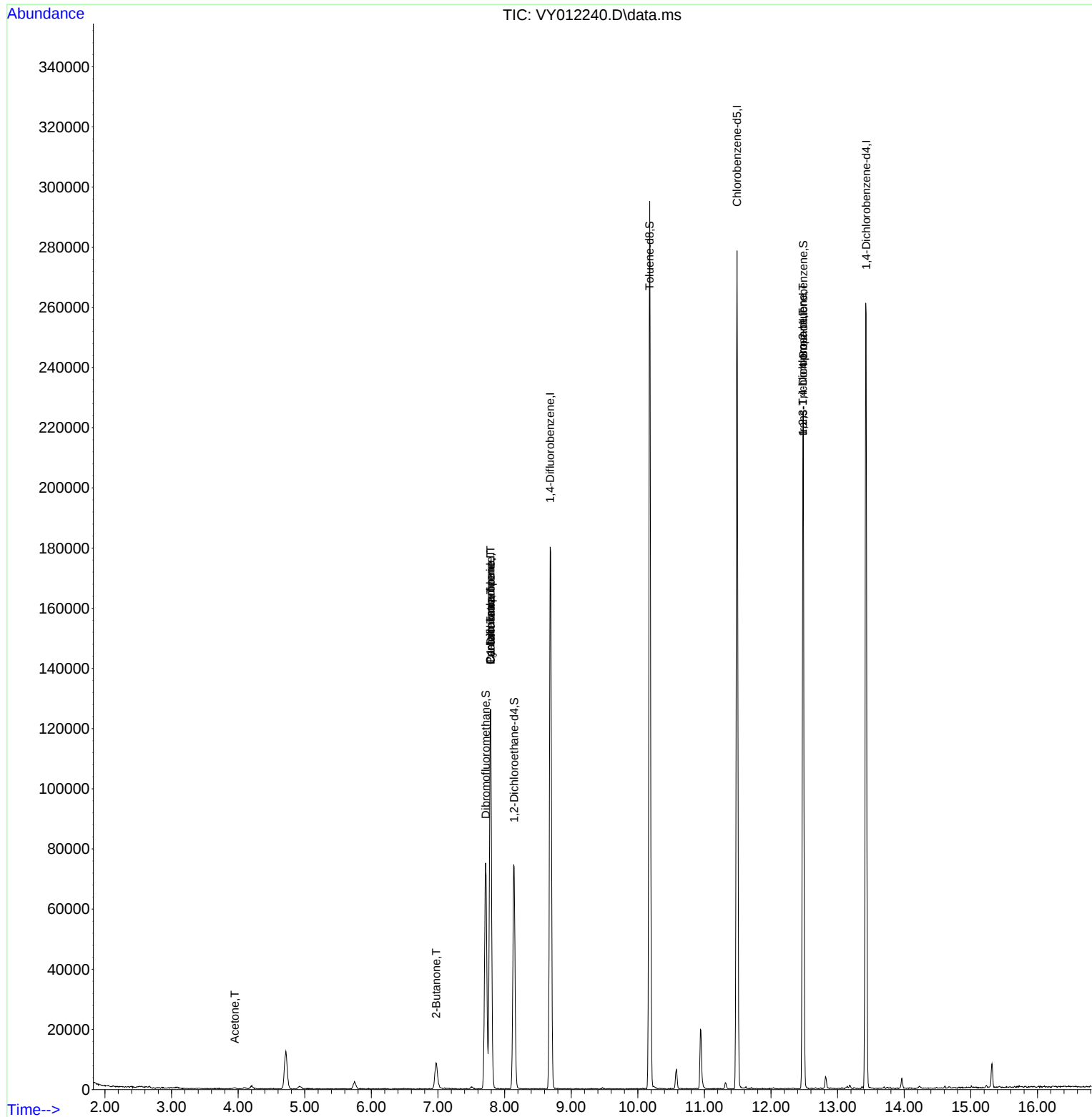
Internal Standards						
1) Pentafluorobenzene	7.789	168	101691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	166504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	160380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64000	78.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.280%	
35) Dibromofluoromethane	7.716	113	51310	58.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.400%	
50) Toluene-d8	10.179	98	196594	65.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.440%	
62) 4-Bromofluorobenzene	12.483	95	64267	51.710	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	995	Below Cal	#	74
16) Acetone	3.948	43	554	1.956	ug/l #	40
25) 2-Butanone	6.972	43	476	1.523	ug/l #	46
31) Cyclohexane	7.789	56	1724	1.163	ug/l #	16
36) 1,1-Dichloropropene	7.789	75	6643	4.434	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9899	5.115	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	33465	50.351	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33465	103.744	ug/l #	13

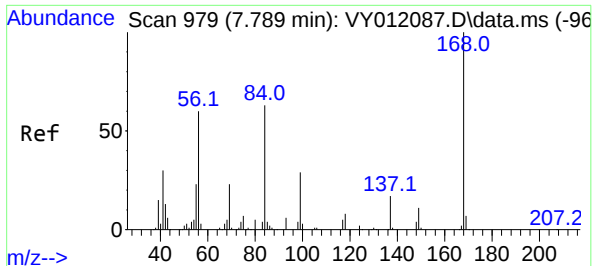
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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APNB-SOUTH

Quant Time: Jan 19 00:35:03 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

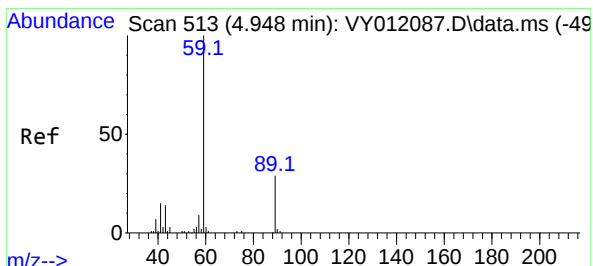
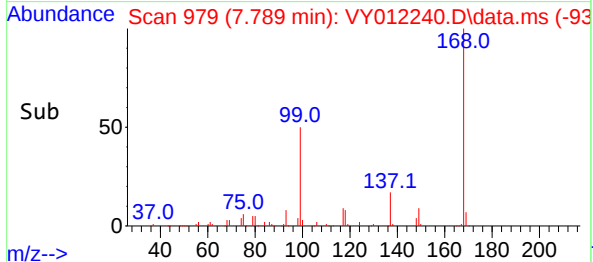
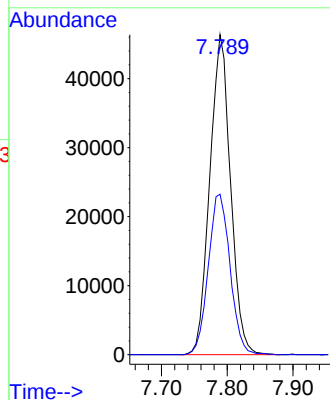
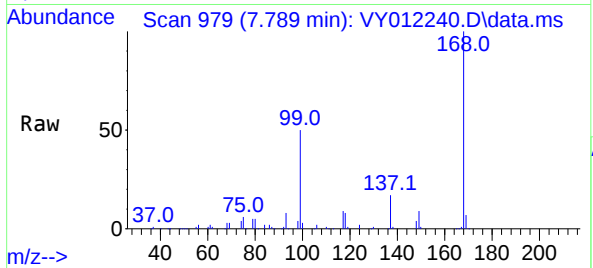




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

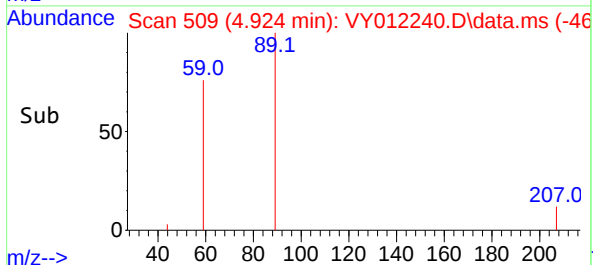
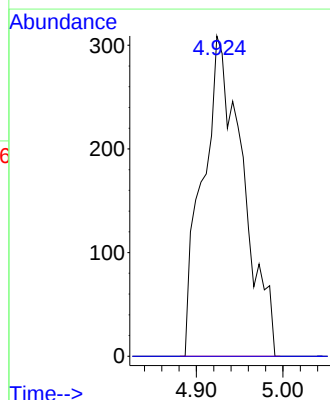
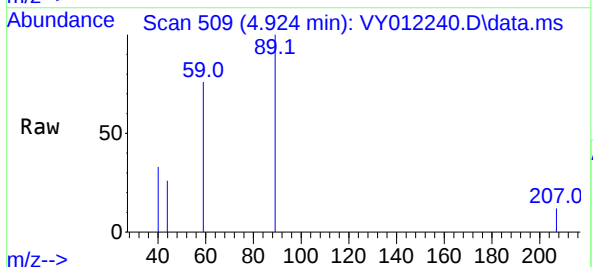
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

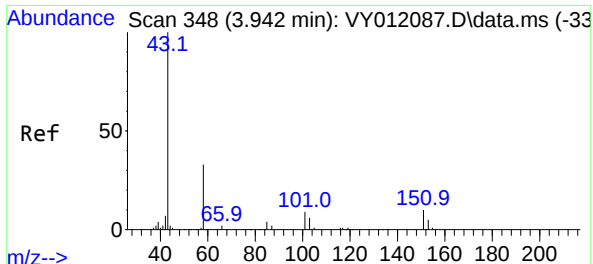
Tgt Ion:168 Resp: 101691
Ion Ratio Lower Upper
168 100
99 50.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Tgt Ion: 59 Resp: 995
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

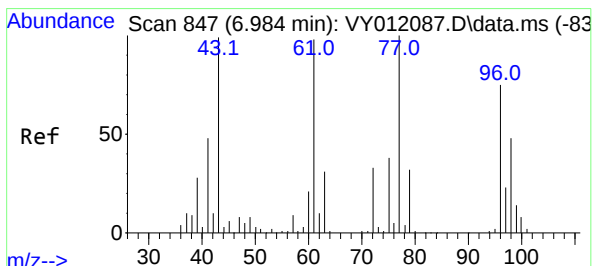
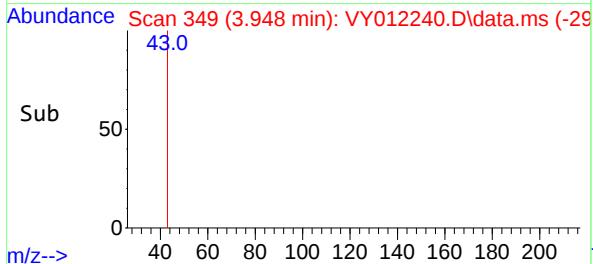
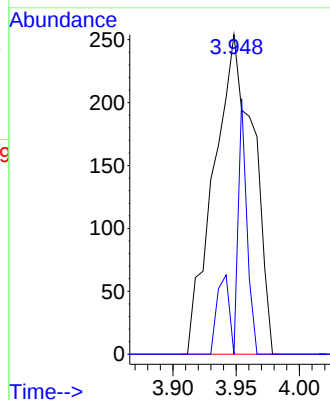
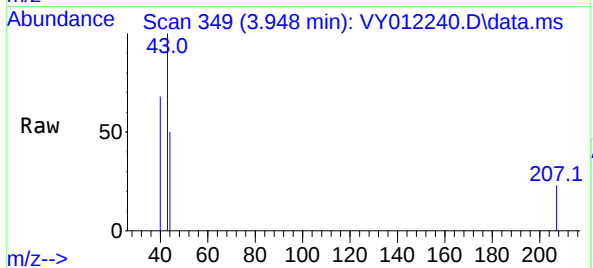




#16
Acetone
Concen: 1.956 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

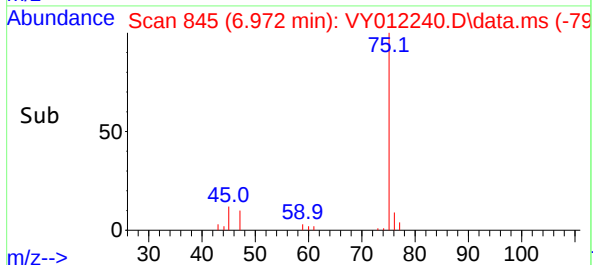
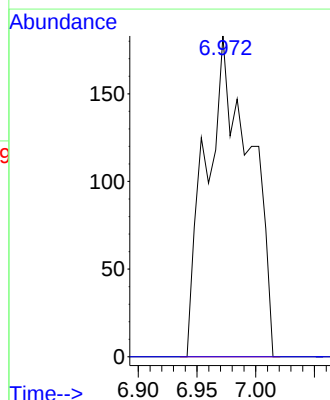
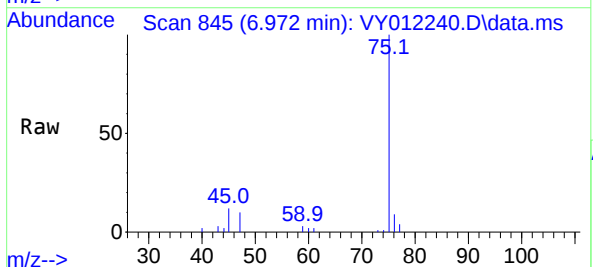
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

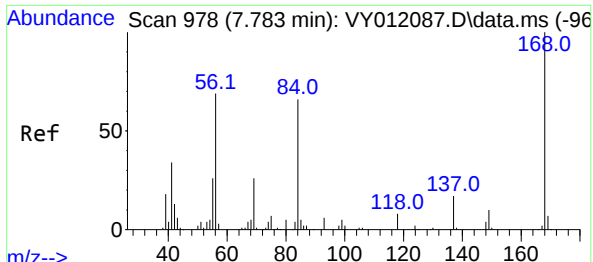
Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#25
2-Butanone
Concen: 1.523 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#

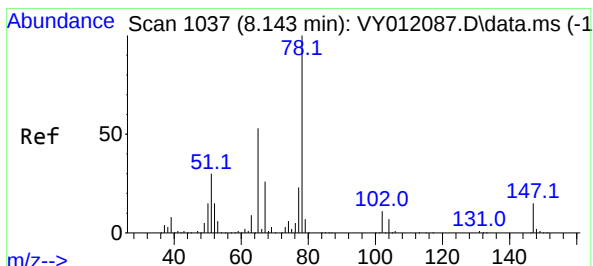
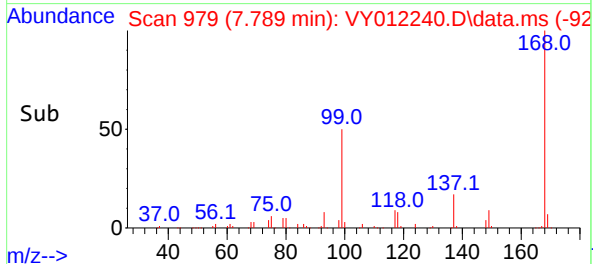
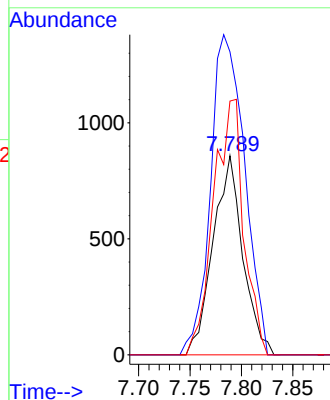
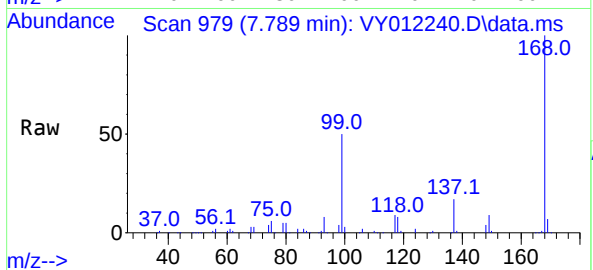




#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

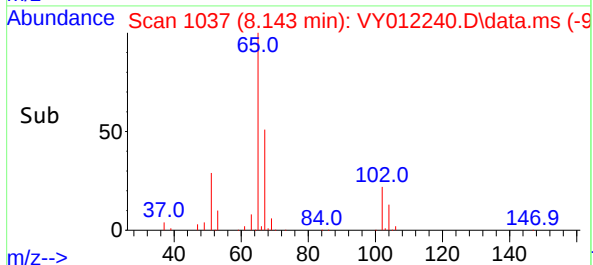
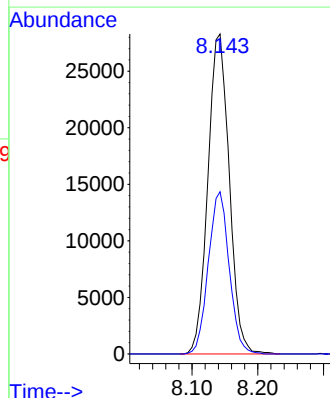
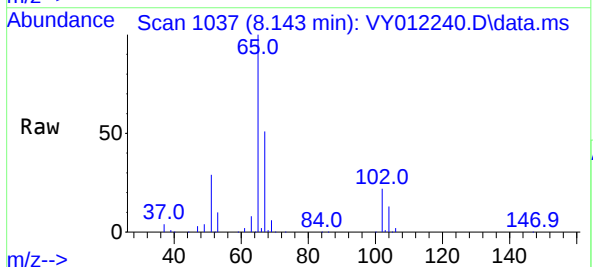
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

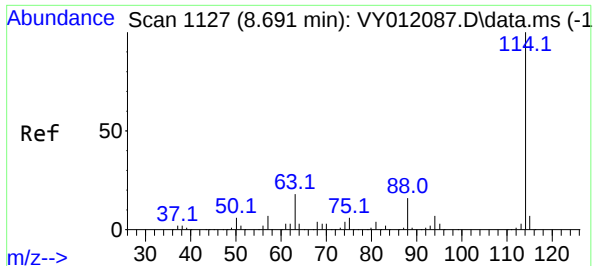
Tgt Ion: 56 Resp: 1724
Ion Ratio Lower Upper
56 100
69 152.2 29.2 43.8#
84 127.5 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 78.141 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Tgt Ion: 65 Resp: 64000
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.2

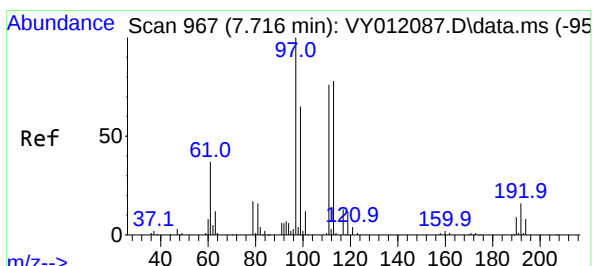
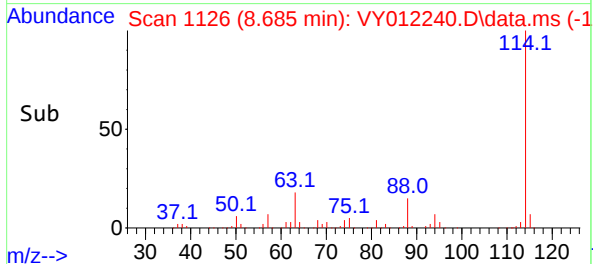
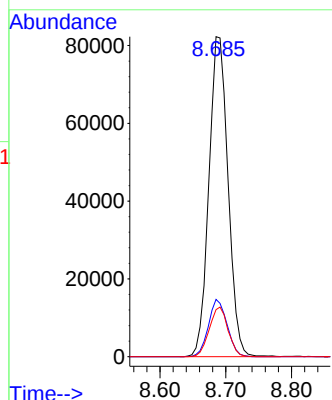
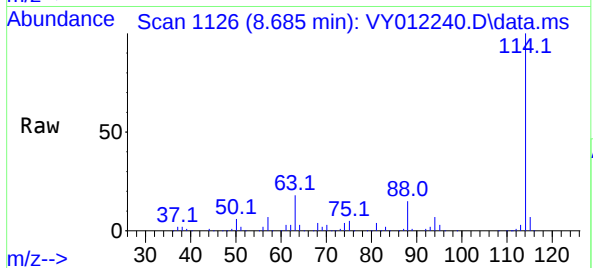




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

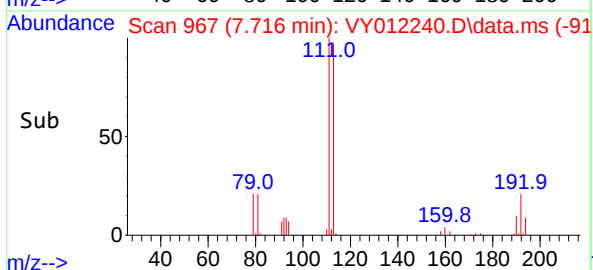
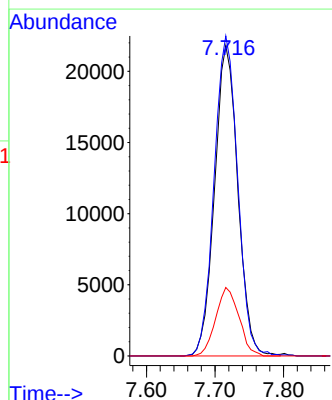
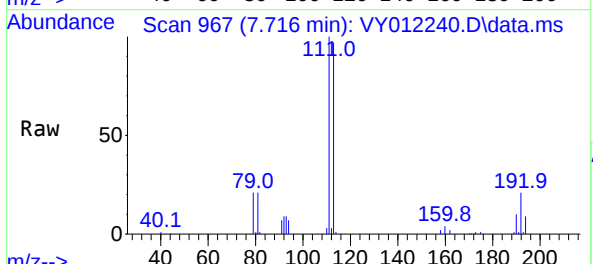
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

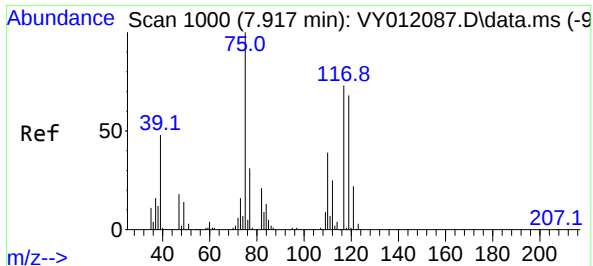
Tgt Ion:114 Resp: 166504
Ion Ratio Lower Upper
114 100
63 17.9 0.0 39.6
88 14.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 58.198 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Tgt Ion:113 Resp: 51310
Ion Ratio Lower Upper
113 100
111 104.3 83.0 124.4
192 22.0 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.434 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012240.D

Acq: 18 Jan 2023 12:48

Instrument :

MSVOA_Y

ClientSampleId :

APNB-SOUTH

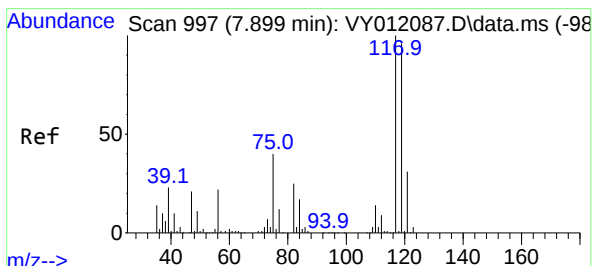
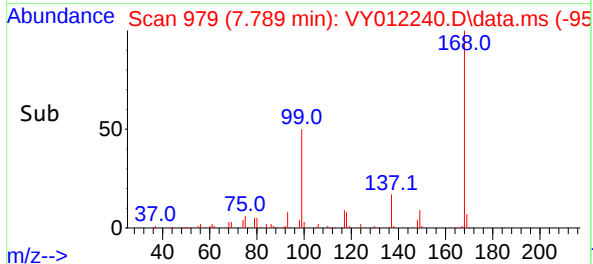
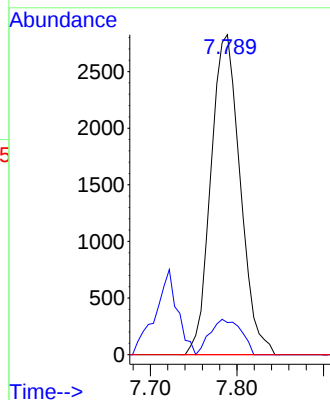
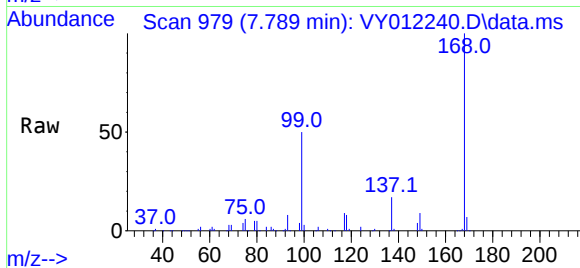
Tgt Ion: 75 Resp: 6643

Ion Ratio Lower Upper

75 100

110 11.7 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.115 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012240.D

Acq: 18 Jan 2023 12:48

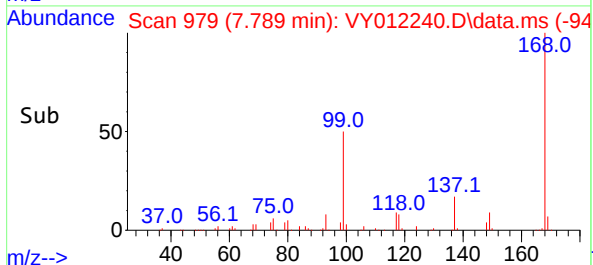
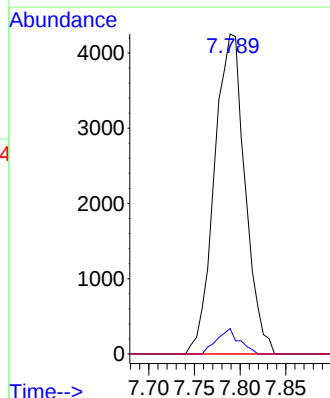
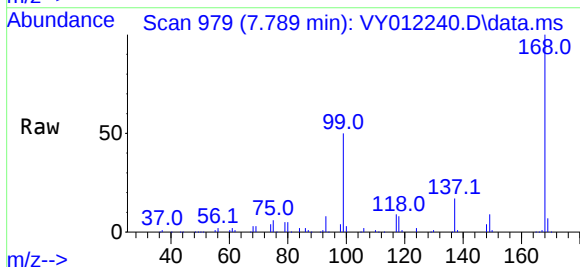
Tgt Ion: 117 Resp: 9899

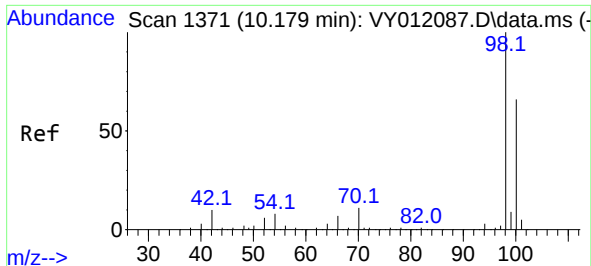
Ion Ratio Lower Upper

117 100

119 7.9 73.8 110.8#

121 0.0 25.2 37.8#

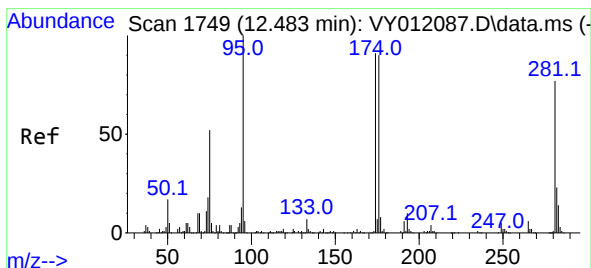
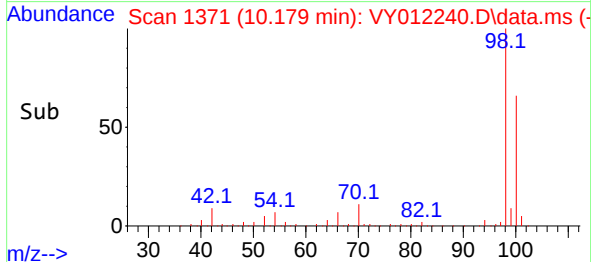
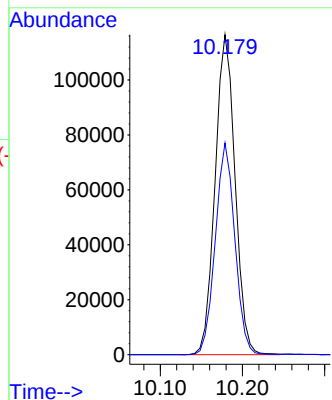
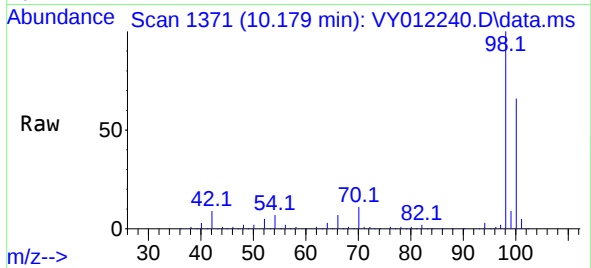




#50
Toluene-d8
Concen: 65.719 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

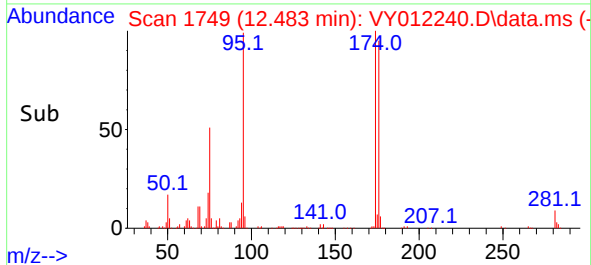
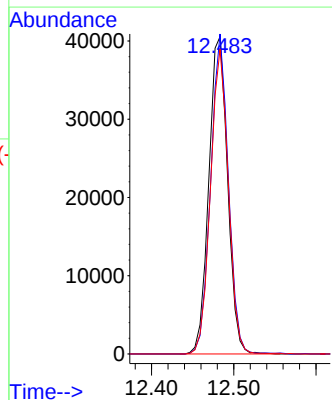
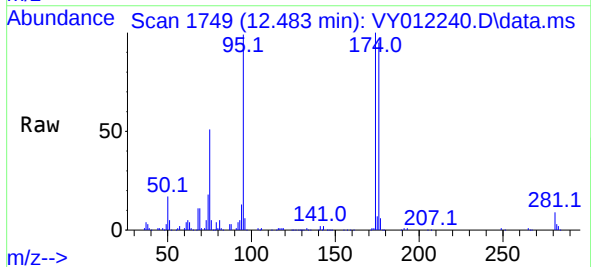
Instrument :
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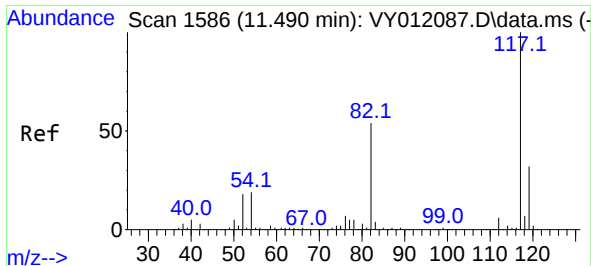
Tgt Ion: 98 Resp: 196594
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Tgt Ion: 95 Resp: 64267
Ion Ratio Lower Upper
95 100
174 95.2 0.0 172.0
176 91.7 0.0 167.6

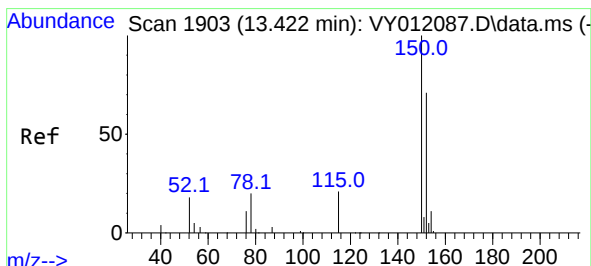
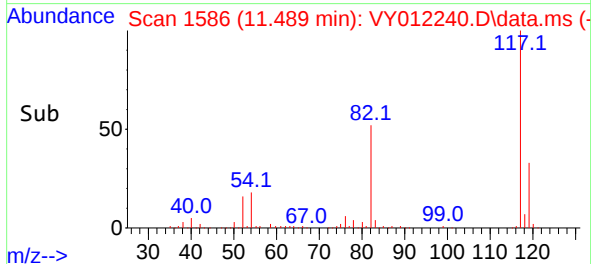
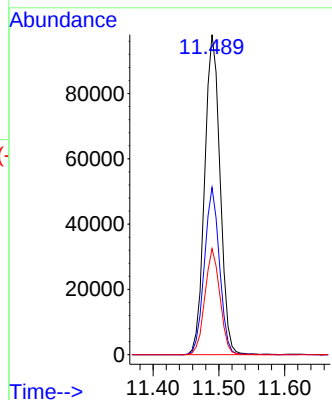
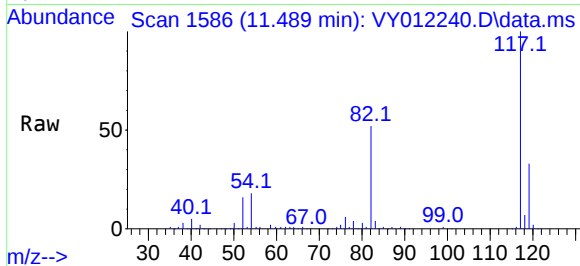




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

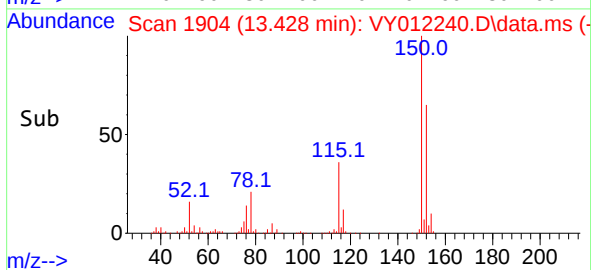
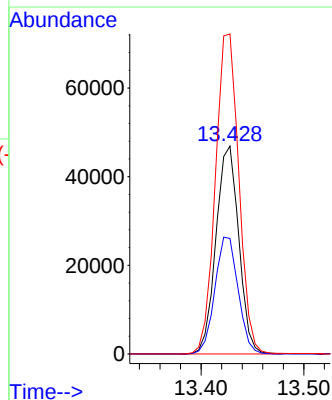
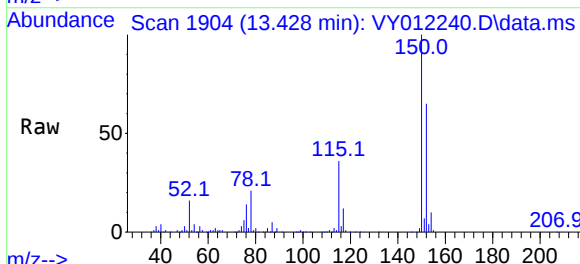
Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

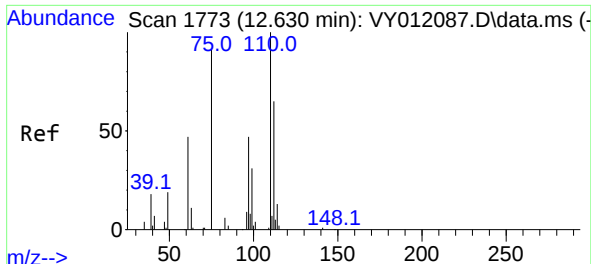
Tgt Ion:117 Resp: 160380
Ion Ratio Lower Upper
117 100
82 52.2 44.8 67.2
119 33.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Tgt Ion:152 Resp: 72280
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 158.1 0.0 342.6

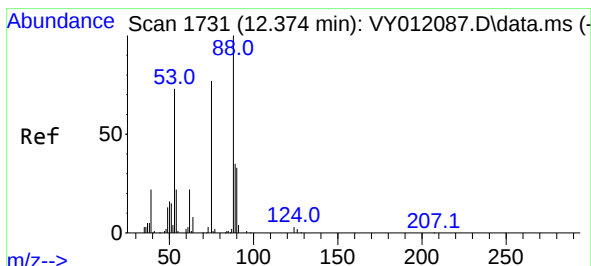
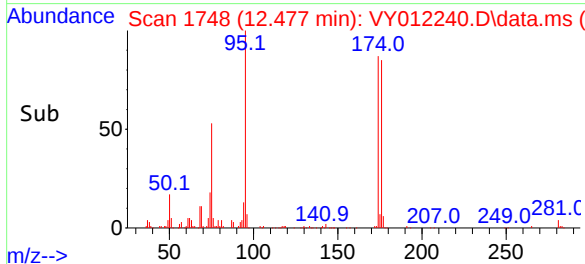
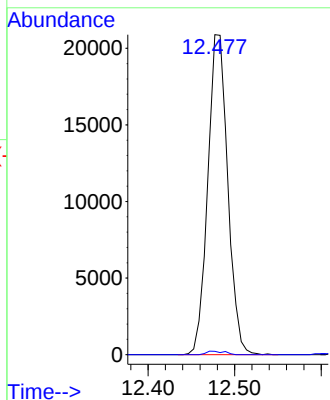
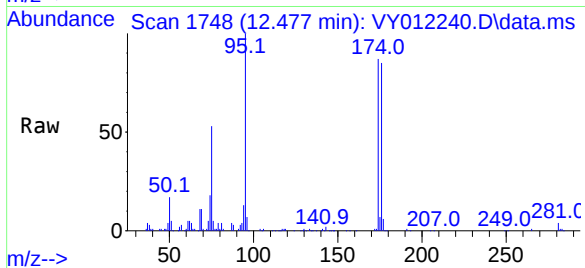




#76
1,2,3-Trichloropropane
Concen: 50.351 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Instrument :
MSVOA_Y
ClientSampleId :
APNB-SOUTH

Tgt Ion: 75 Resp: 33465
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.744 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY012240.D
Acq: 18 Jan 2023 12:48

Tgt Ion: 75 Resp: 33465
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

