

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012242.D
 Acq On : 18 Jan 2023 13:34
 Operator : KP/MD
 Sample : 01184-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-NORTH

Quant Time: Jan 19 00:35:20 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)

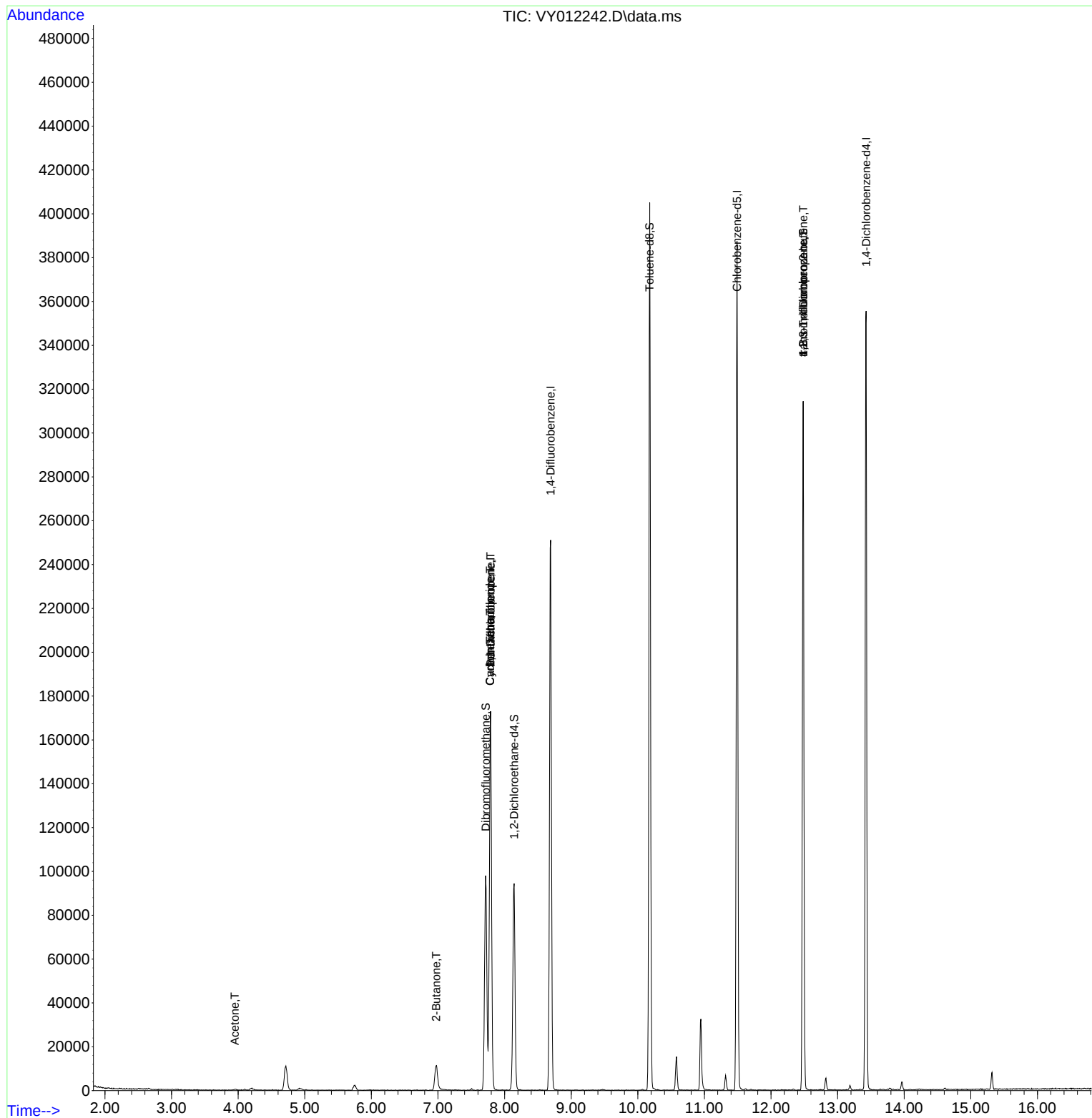
Internal Standards						
1) Pentafluorobenzene	7.789	168	136755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	78801	71.183	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 142.360%	
35) Dibromofluoromethane	7.715	113	66895	56.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.640%	
50) Toluene-d8	10.178	98	266051	66.040	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 132.080%	
62) 4-Bromofluorobenzene	12.483	95	85910	51.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	504	Below Cal	#	74
16) Acetone	3.948	43	820	2.153	ug/l #	78
20) Methylene Chloride	4.716	84	9690	Below Cal	#	81
25) 2-Butanone	6.972	43	556	1.323	ug/l #	46
31) Cyclohexane	7.783	56	2432	1.220	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	8729	4.324	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13546	5.196	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	45633	50.202	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45633	103.438	ug/l #	13

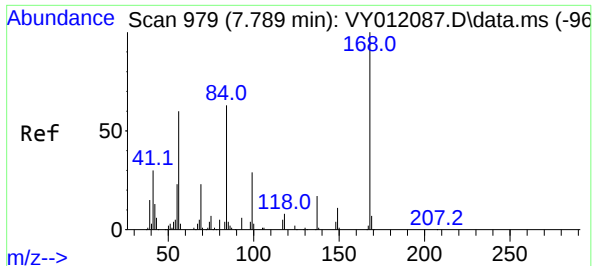
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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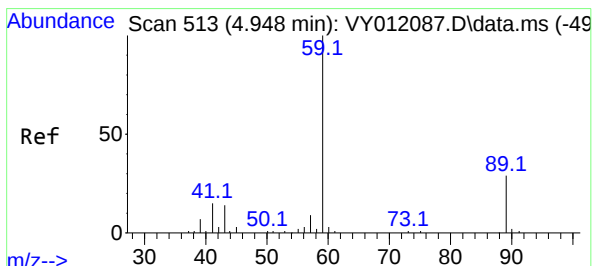
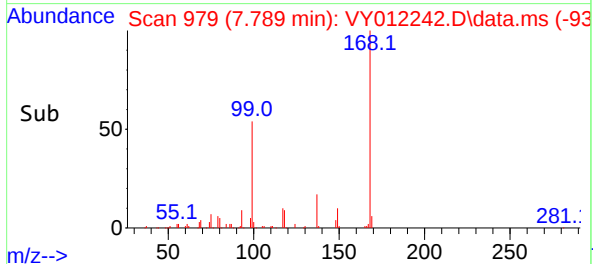
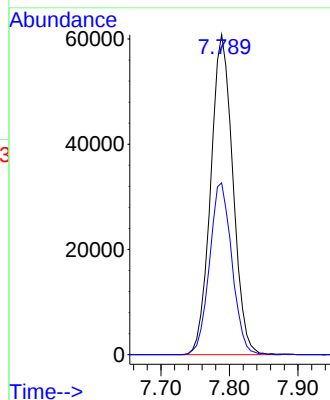
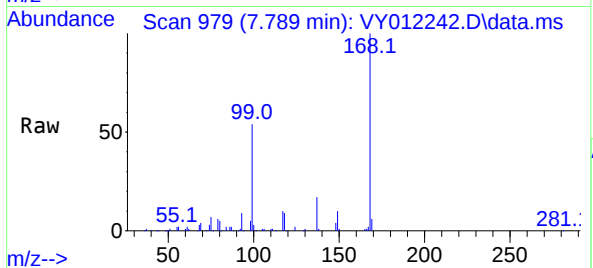




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

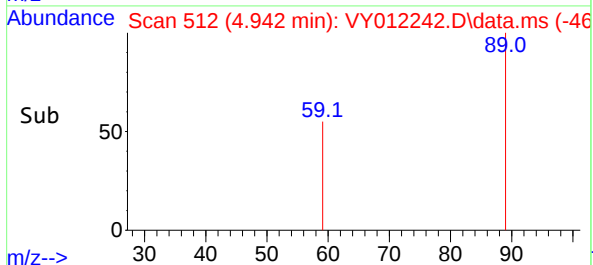
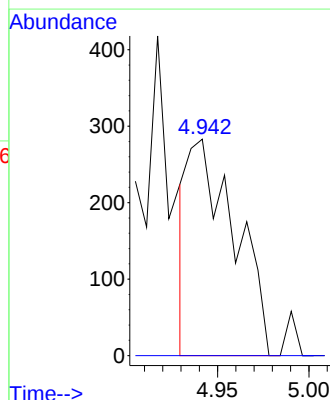
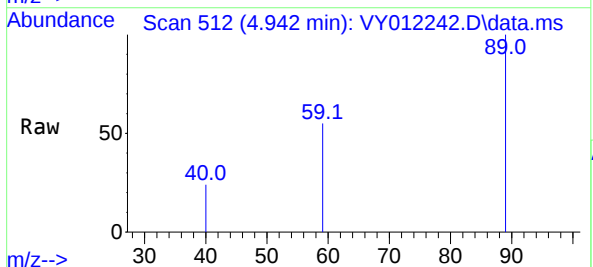
Instrument :
MSVOA_Y
ClientSampleId :
APNB-NORTH

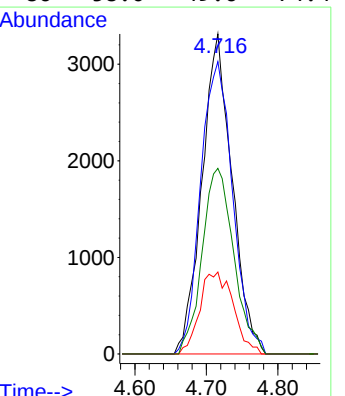
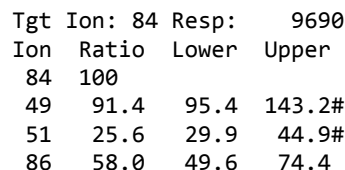
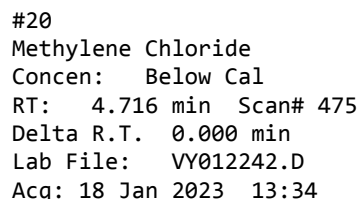
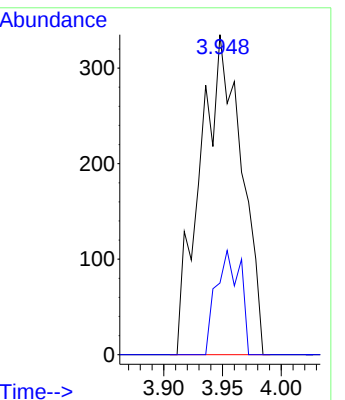
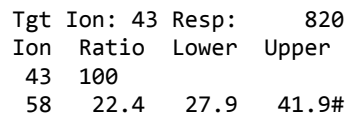
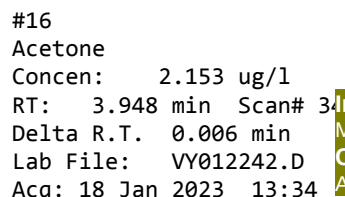
Tgt Ion:168 Resp: 136755
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0

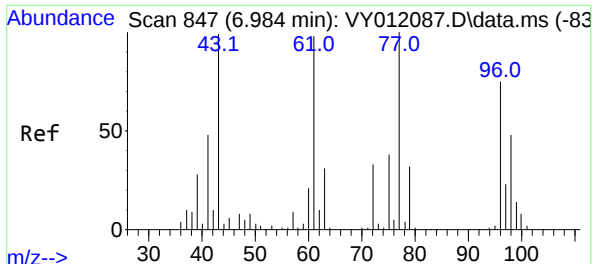


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

Tgt Ion: 59 Resp: 504
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#







#25

2-Butanone

Concen: 1.323 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012242.D

Acq: 18 Jan 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

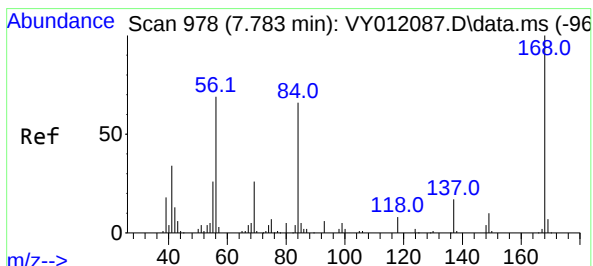
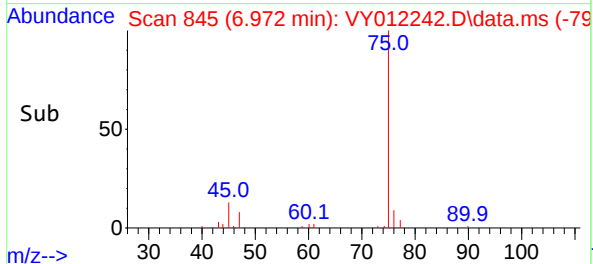
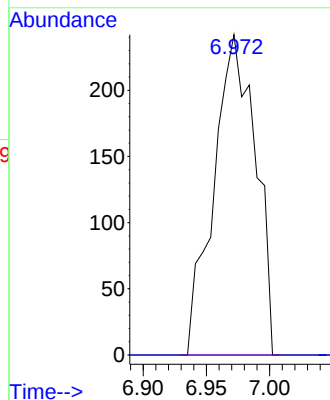
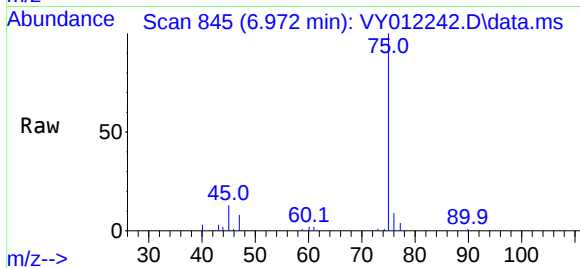
APNB-NORTH

Tgt Ion: 43 Resp: 556

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY012242.D

Acq: 18 Jan 2023 13:34

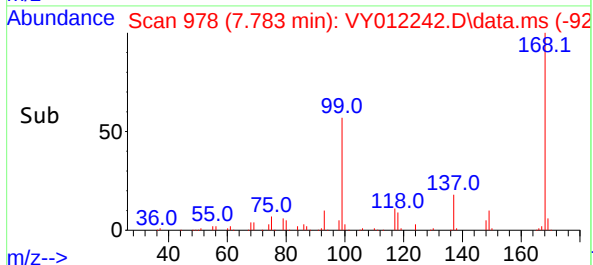
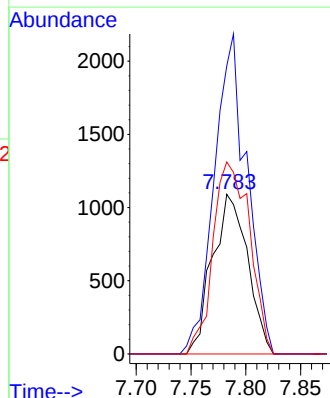
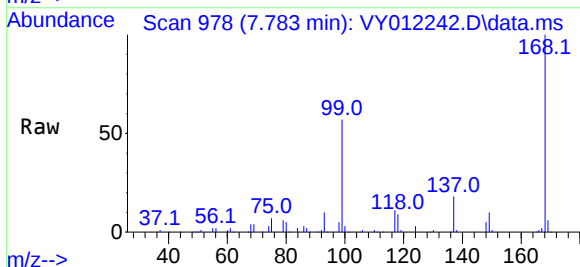
Tgt Ion: 56 Resp: 2432

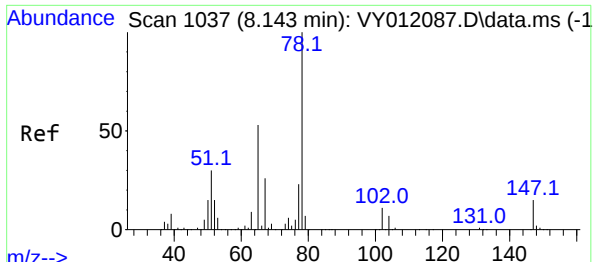
Ion Ratio Lower Upper

56 100

69 180.3 29.2 43.8#

84 120.2 72.6 108.8#



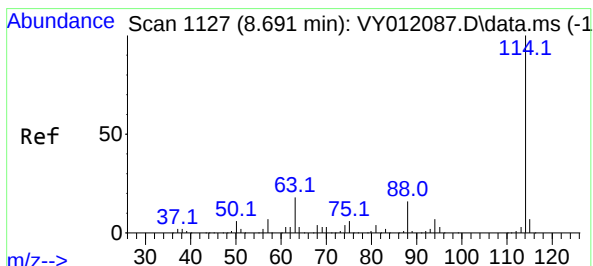
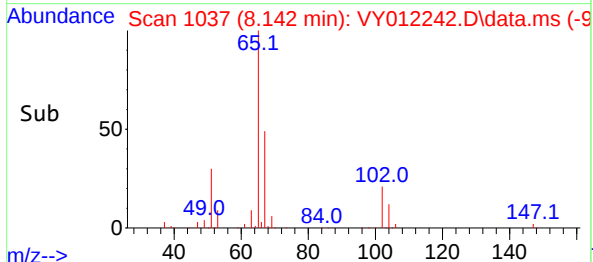
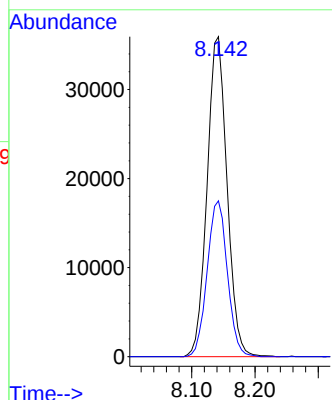
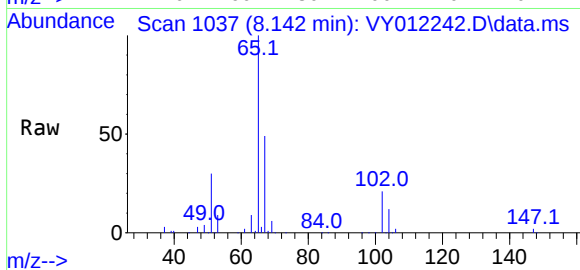


#33
 1,2-Dichloroethane-d4
 Concen: 71.183 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY012242.D
 Acq: 18 Jan 2023 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-NORTH

Tgt Ion: 65 Resp: 78801

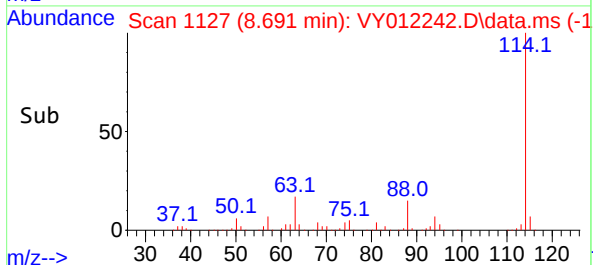
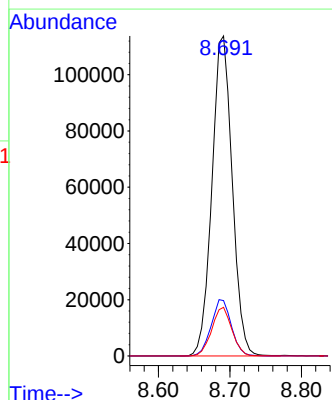
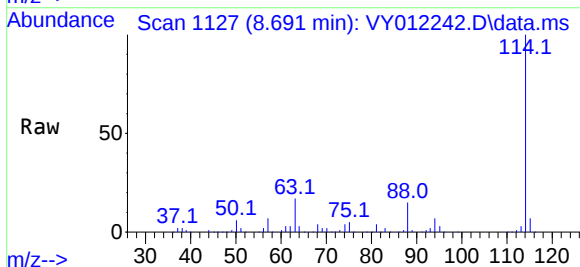
Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	103.2

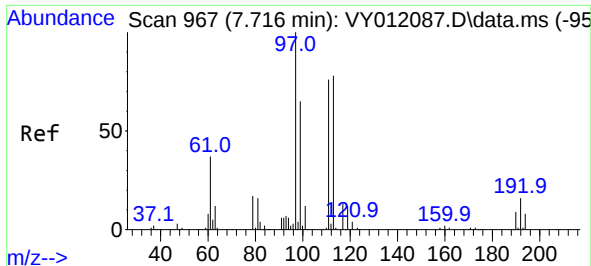


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY012242.D
 Acq: 18 Jan 2023 13:34

Tgt Ion: 114 Resp: 224308

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	39.6
88	15.2	0.0	32.2

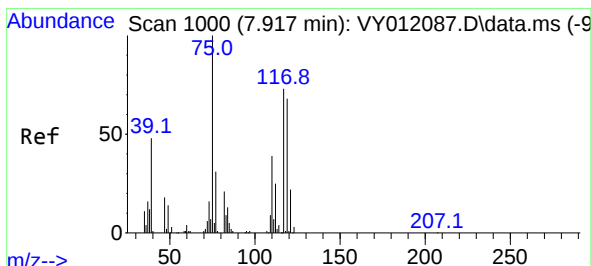
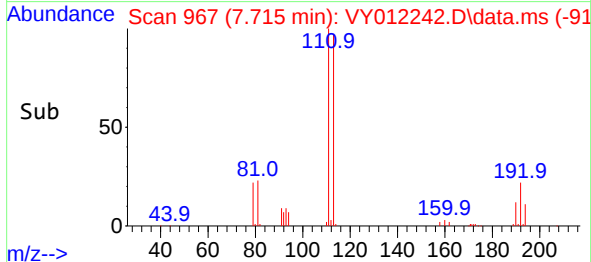
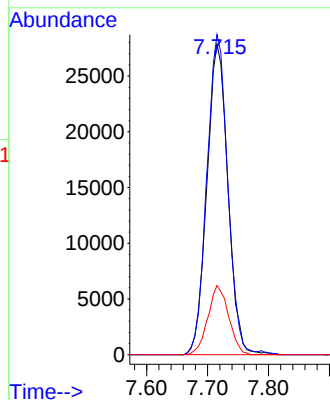
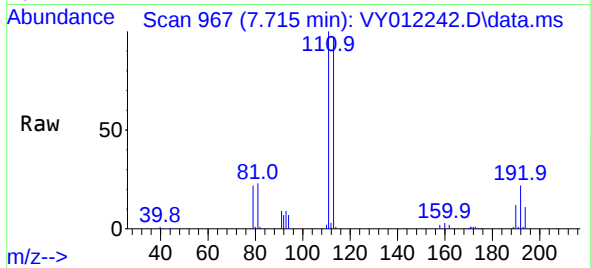




#35
Dibromofluoromethane
Concen: 56.323 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

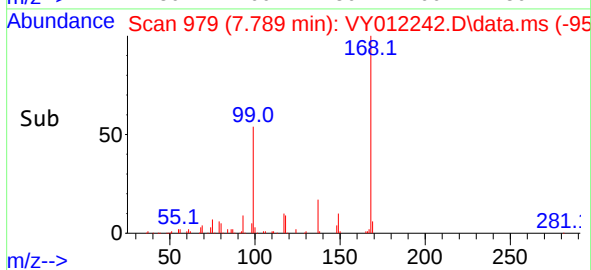
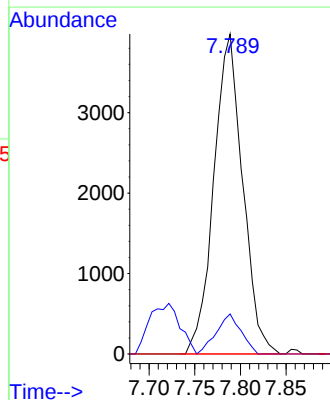
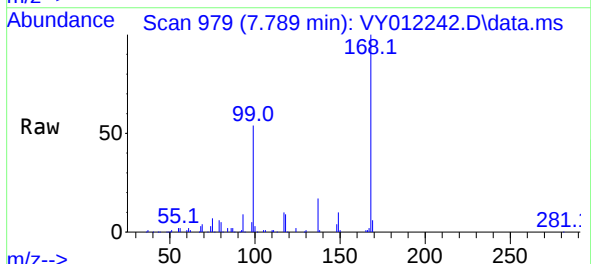
Instrument :
MSVOA_Y
ClientSampleId :
APNB-NORTH

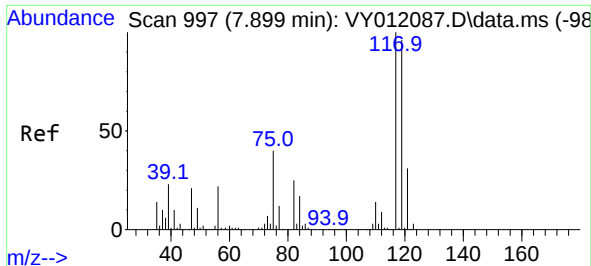
Tgt Ion:113 Resp: 66895
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 21.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

Tgt Ion: 75 Resp: 8729
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.1#
77 0.0 25.1 37.7#

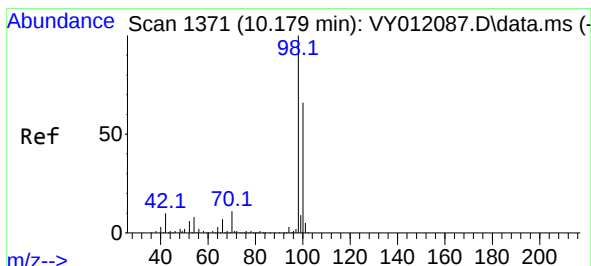
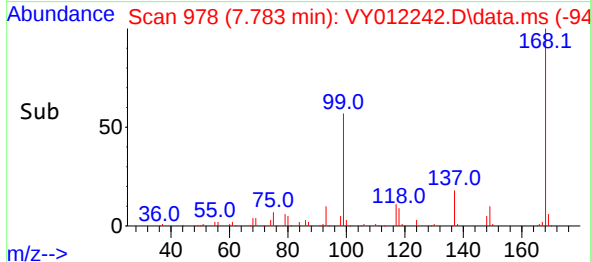
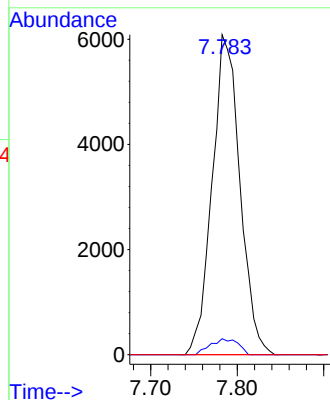
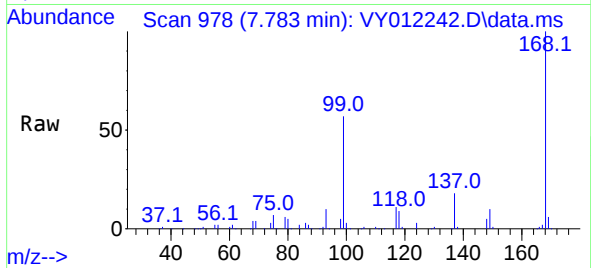




#38
Carbon Tetrachloride
Concen: 5.196 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

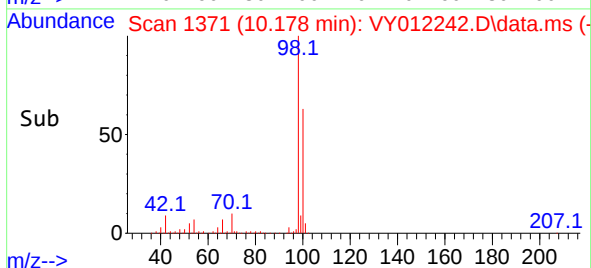
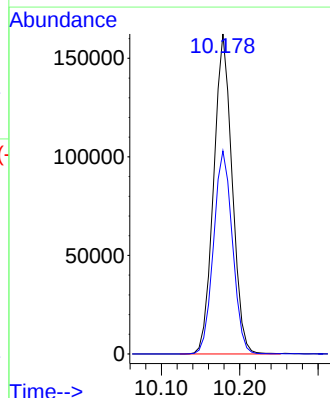
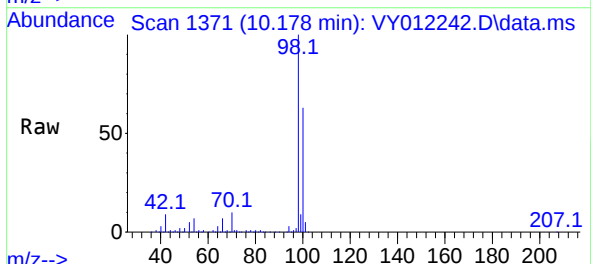
Instrument :
MSVOA_Y
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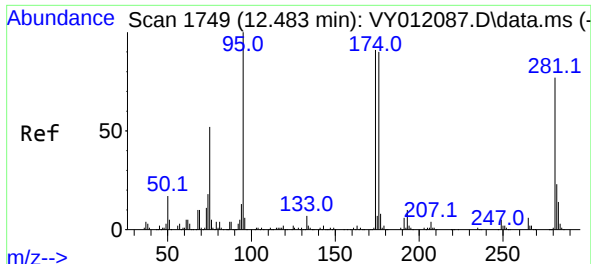
Tgt Ion:117 Resp: 13546
Ion Ratio Lower Upper
117 100
119 5.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 66.040 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

Tgt Ion: 98 Resp: 266051
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

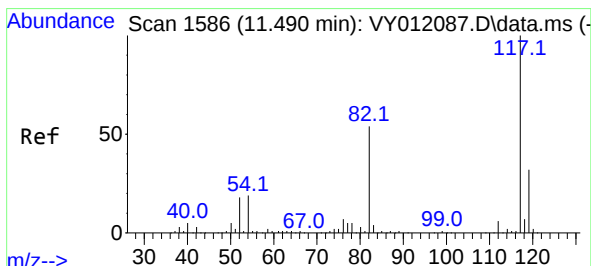
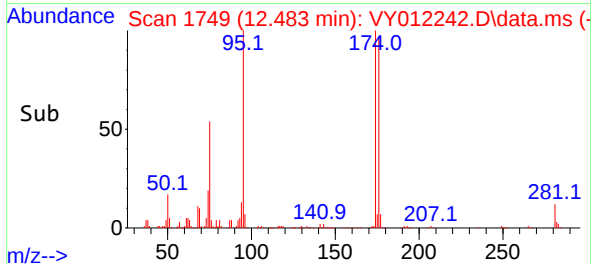
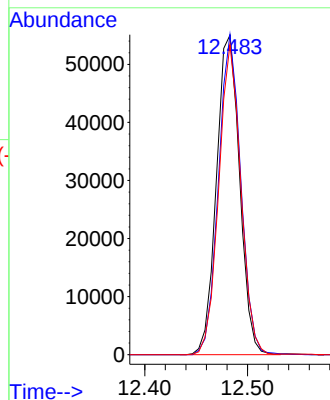
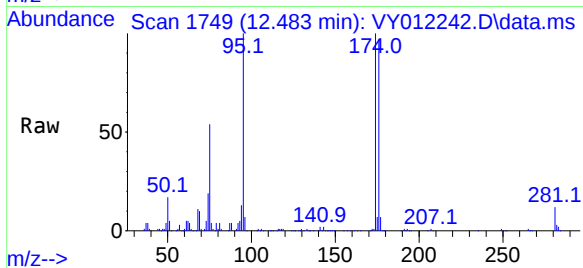




#62
4-Bromofluorobenzene
Concen: 51.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

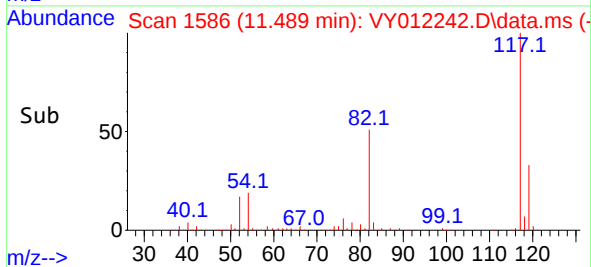
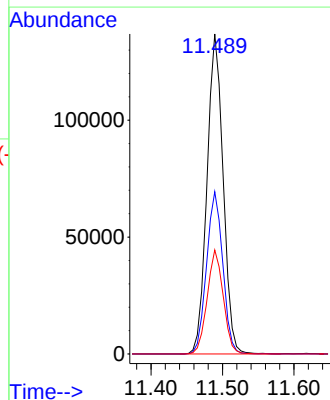
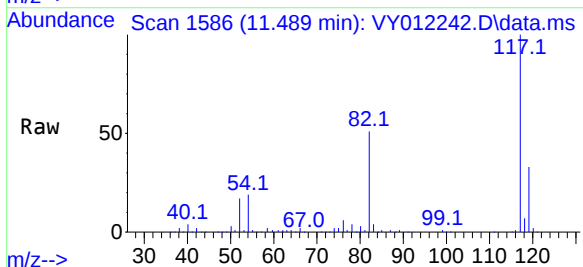
Instrument :
MSVOA_Y
ClientSampleId :
APNB-NORTH

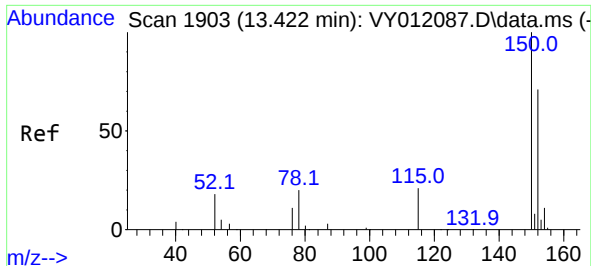
Tgt Ion: 95 Resp: 85910
Ion Ratio Lower Upper
95 100
174 96.3 0.0 172.0
176 92.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

Tgt Ion: 117 Resp: 214666
Ion Ratio Lower Upper
117 100
82 50.7 44.8 67.2
119 32.5 25.4 38.2

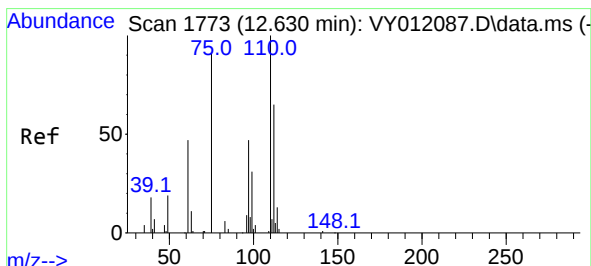
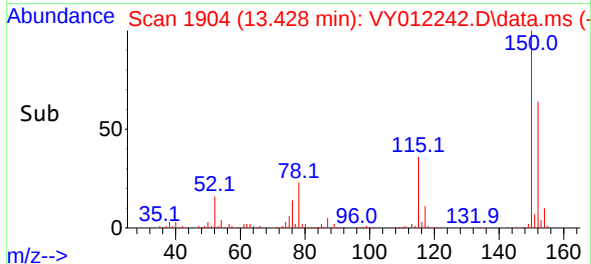
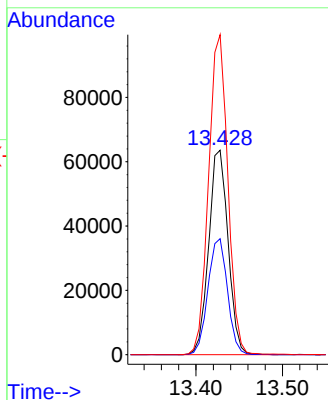
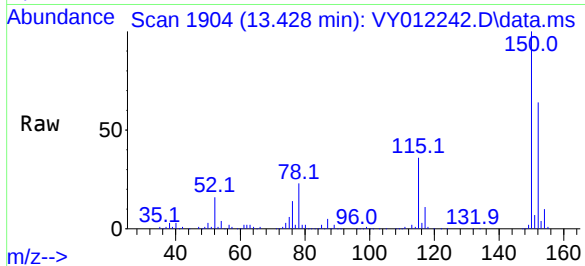




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

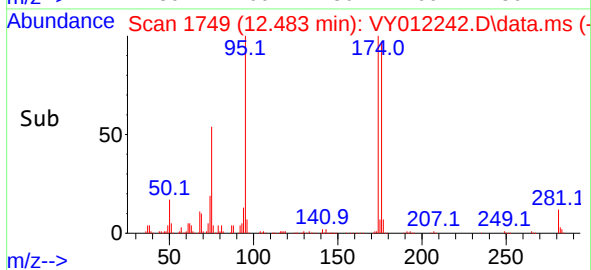
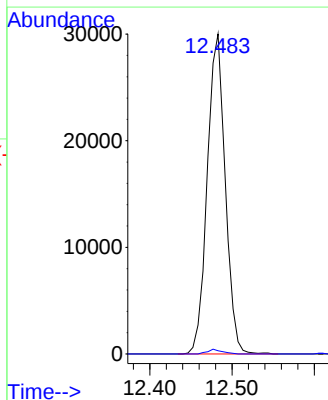
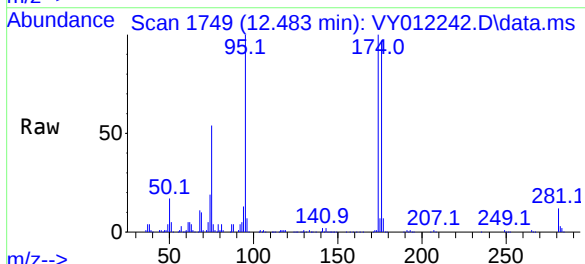
Instrument :
MSVOA_Y
ClientSampleId :
APNB-NORTH

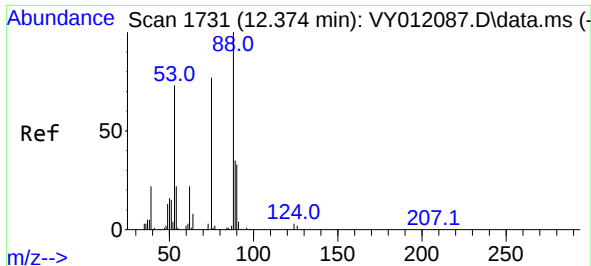
Tgt Ion:152 Resp: 98853
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 155.4 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 50.202 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012242.D
Acq: 18 Jan 2023 13:34

Tgt Ion: 75 Resp: 45633
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.438 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012242.D
 Acq: 18 Jan 2023 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-NORTH

Tgt Ion: 75 Resp: 45633
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.1 37.0 55.4#

