

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
 Data File : VY012241.D
 Acq On : 18 Jan 2023 13:11
 Operator : KP/MD
 Sample : 01184-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 APNB-WEST

Quant Time: Jan 19 00:35:11 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)

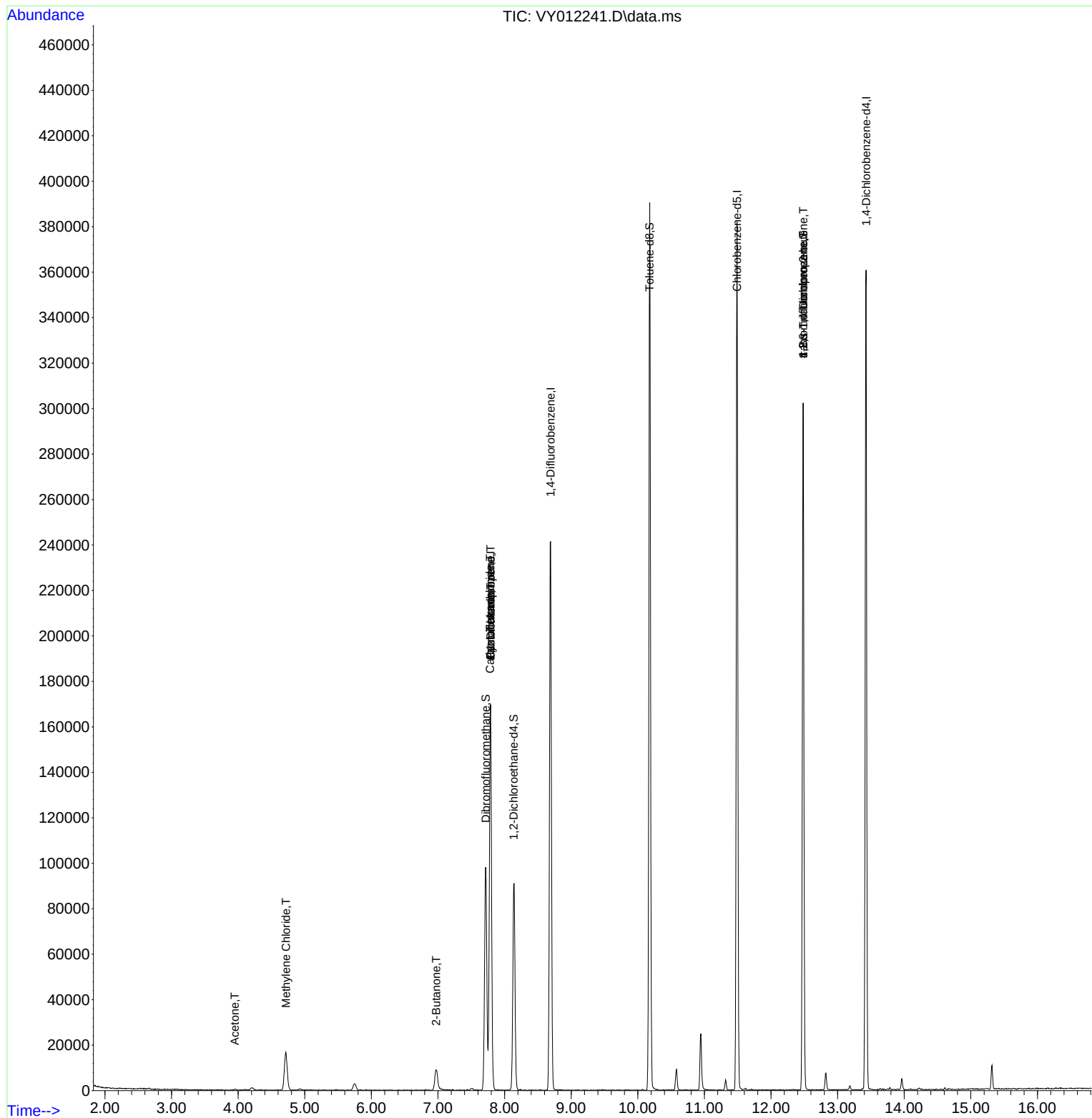
Internal Standards						
1) Pentafluorobenzene	7.789	168	136060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	213633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78056	70.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.700%
35) Dibromofluoromethane	7.716	113	67130	56.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.840%
50) Toluene-d8	10.179	98	260783	65.126	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.260%
62) 4-Bromofluorobenzene	12.483	95	87220	52.459	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	446	Below Cal	#	74
16) Acetone	3.948	43	643	1.697	ug/l	92
20) Methylene Chloride	4.716	84	13991	1.044	ug/l	86
25) 2-Butanone	6.972	43	514	1.229	ug/l #	46
31) Cyclohexane	7.789	56	2352	1.186	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8963	4.472	ug/l #	51
38) Carbon Tetrachloride	7.783	117	13269	5.126	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	44758	49.154	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44758	101.278	ug/l #	13

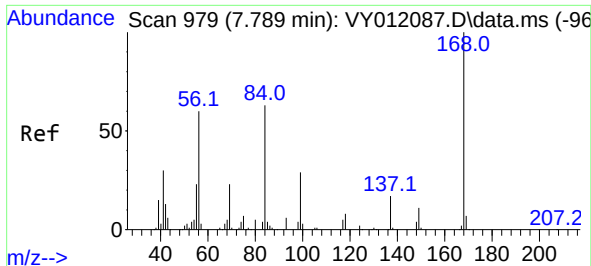
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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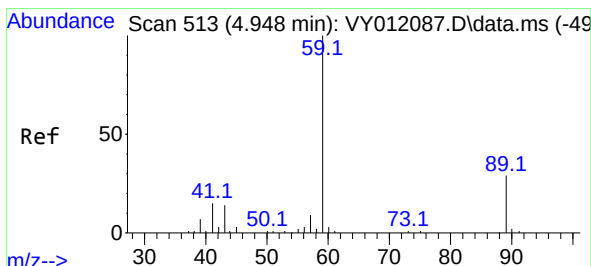
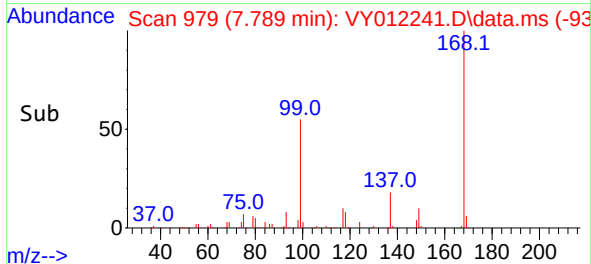
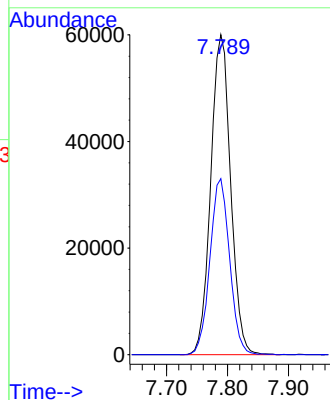
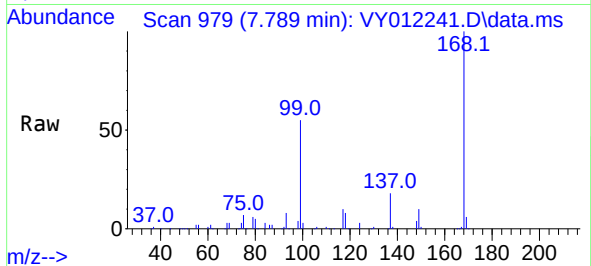




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

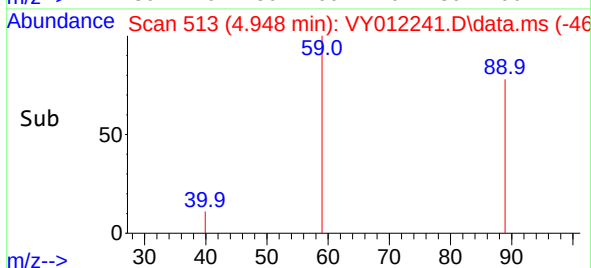
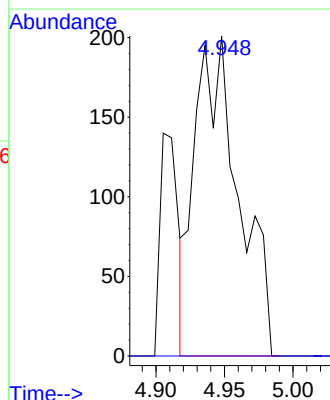
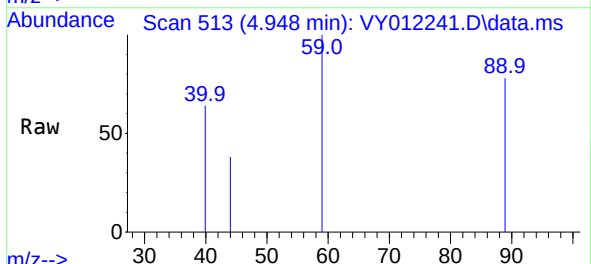
Instrument :
MSVOA_Y
ClientSampleId :
APNB-WEST

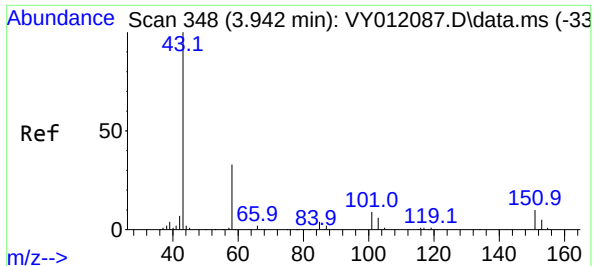
Tgt Ion:168 Resp: 136060
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

Tgt Ion: 59 Resp: 446
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

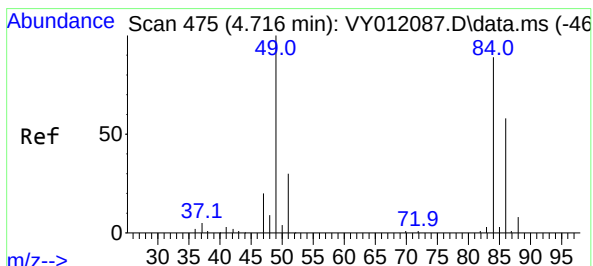
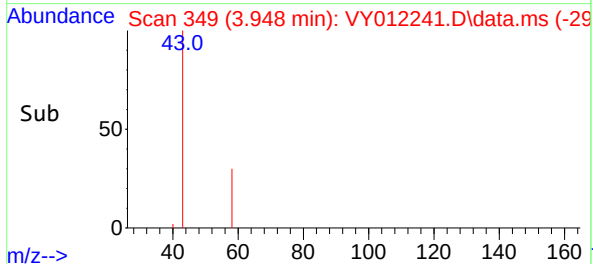
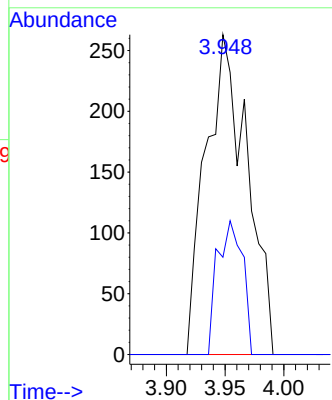
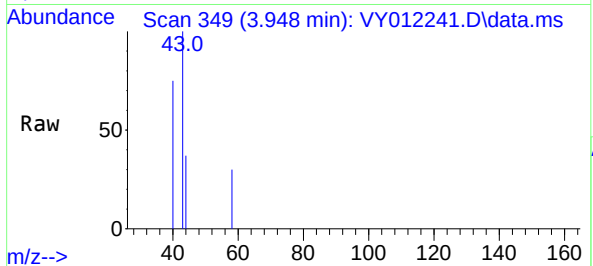




#16
Acetone
Concen: 1.697 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

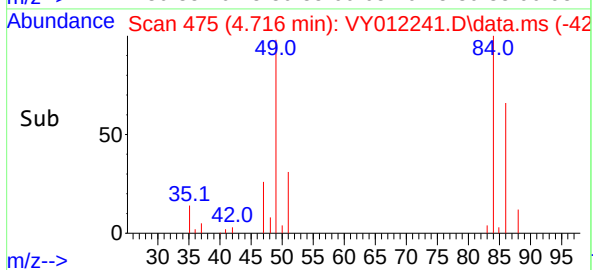
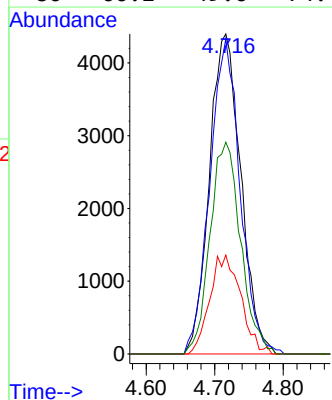
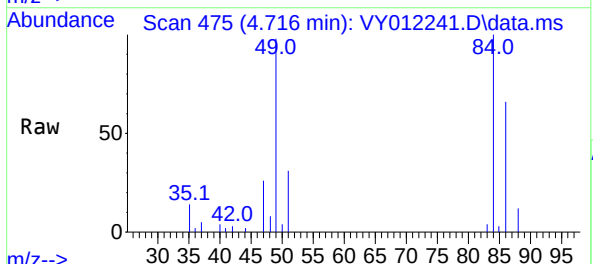
Instrument :
MSVOA_Y
ClientSampleId :
APNB-WEST

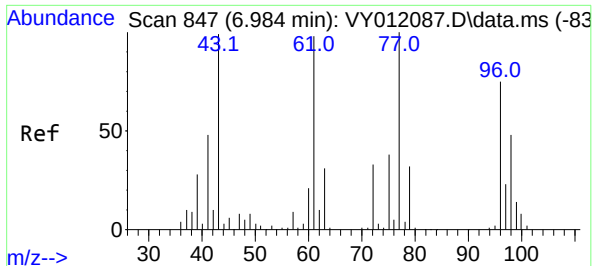
Tgt Ion: 43 Resp: 643
Ion Ratio Lower Upper
43 100
58 30.4 27.9 41.9



#20
Methylene Chloride
Concen: 1.044 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

Tgt Ion: 84 Resp: 13991
Ion Ratio Lower Upper
84 100
49 98.5 95.4 143.2
51 30.9 29.9 44.9
86 66.2 49.6 74.4

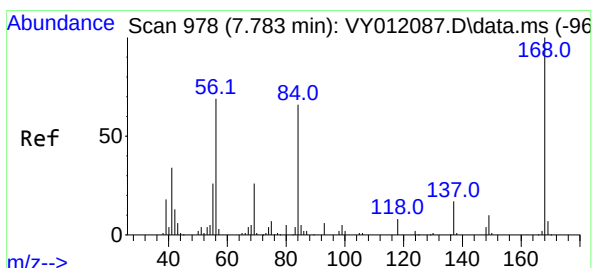
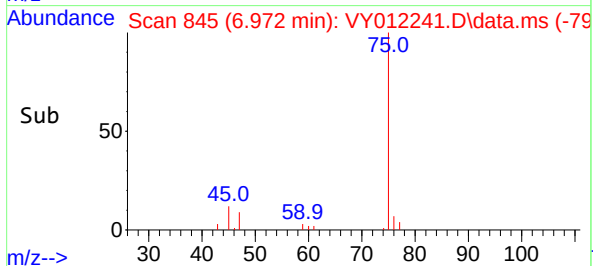
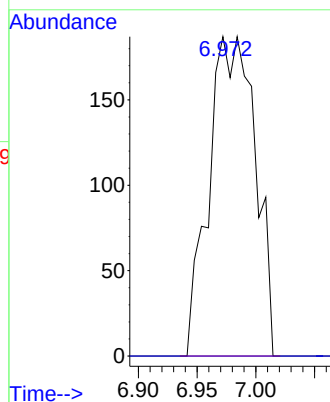
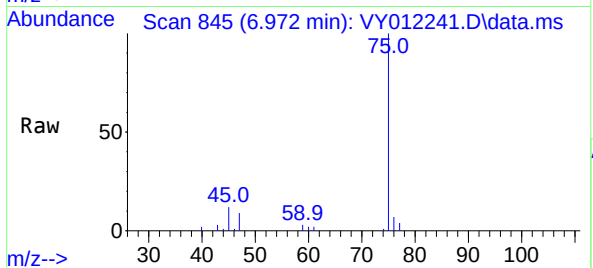




#25
2-Butanone
Concen: 1.229 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

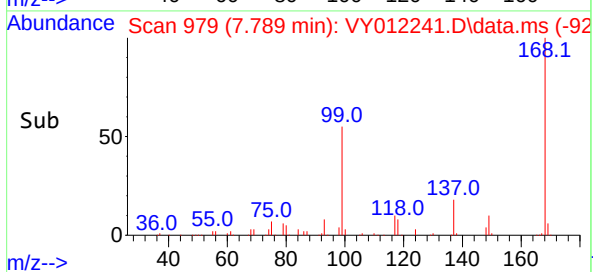
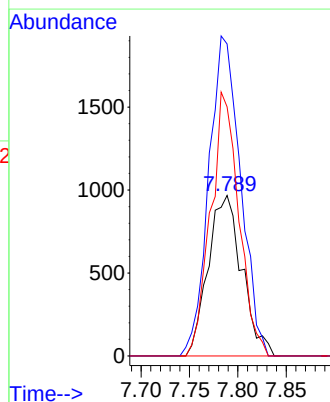
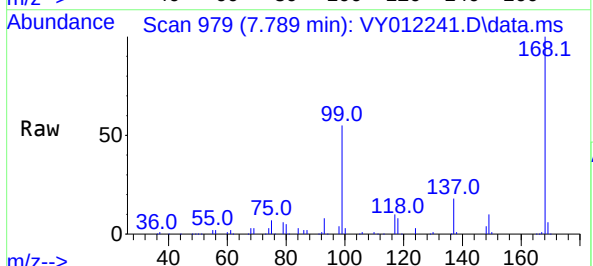
Instrument :
MSVOA_Y
ClientSampleId :
APNB-WEST

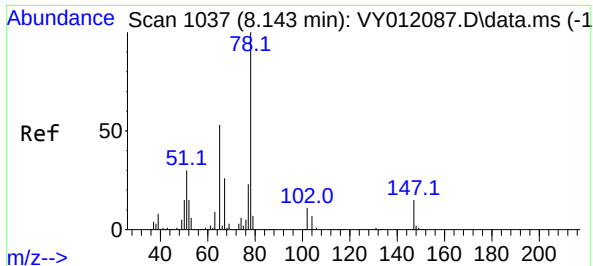
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

Tgt Ion: 56 Resp: 2352
Ion Ratio Lower Upper
56 100
69 194.5 29.2 43.8#
84 155.3 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 70.852 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012241.D

Acq: 18 Jan 2023 13:11

Instrument :

MSVOA_Y

ClientSampleId :

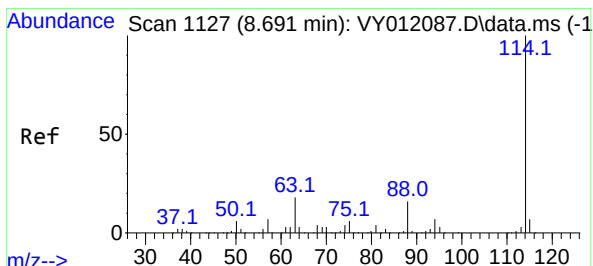
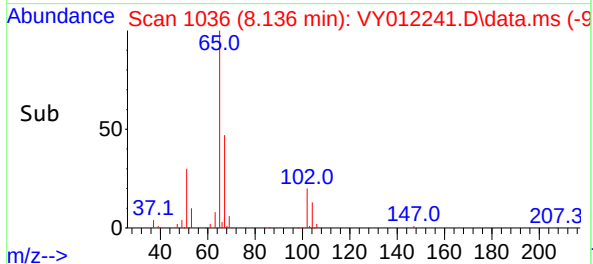
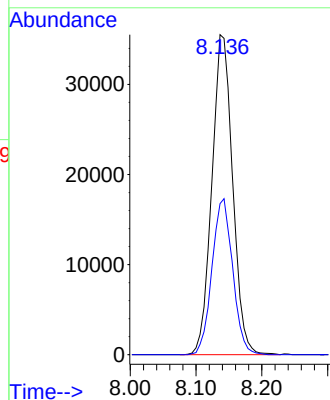
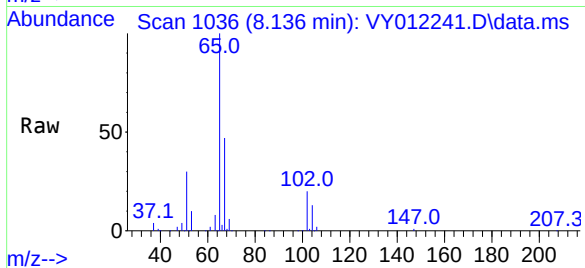
APNB-WEST

Tgt Ion: 65 Resp: 78056

Ion Ratio Lower Upper

65 100

67 48.6 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: VY012241.D

Acq: 18 Jan 2023 13:11

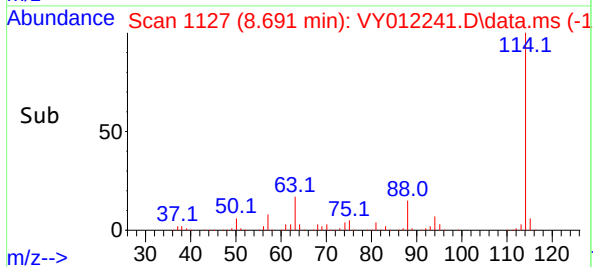
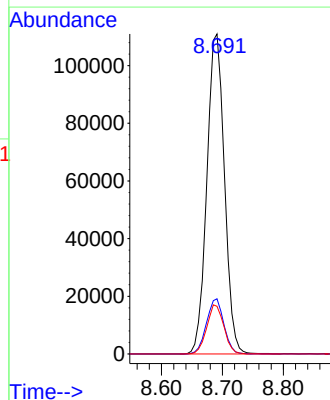
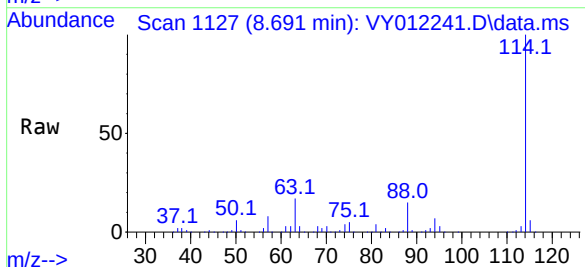
Tgt Ion: 114 Resp: 222745

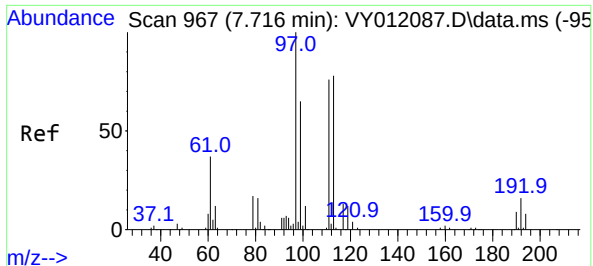
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.9 0.0 32.2

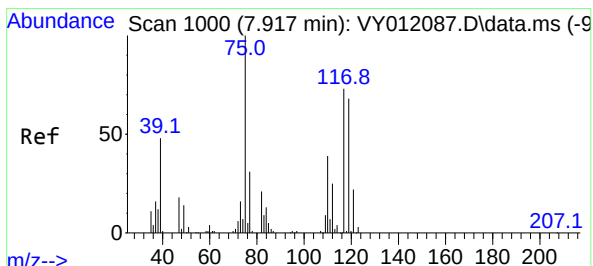
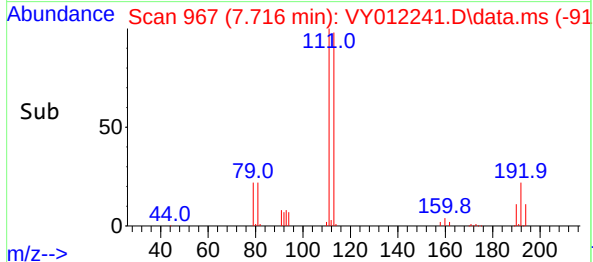
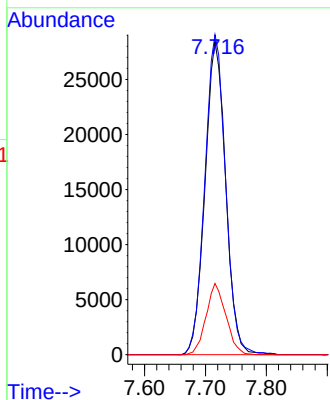
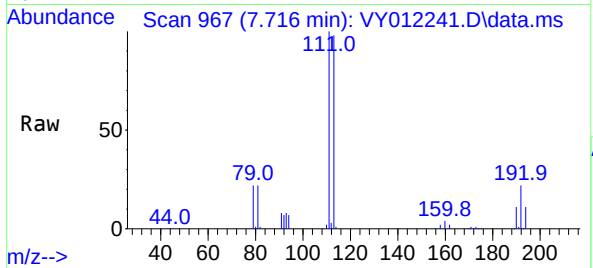




#35
Dibromofluoromethane
Concen: 56.917 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

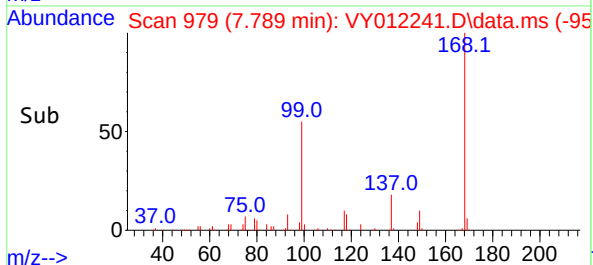
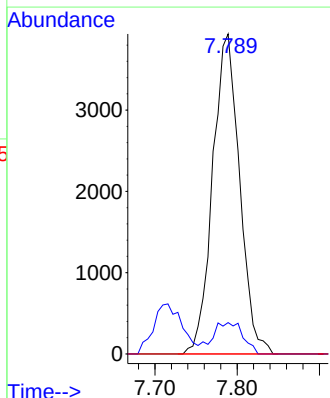
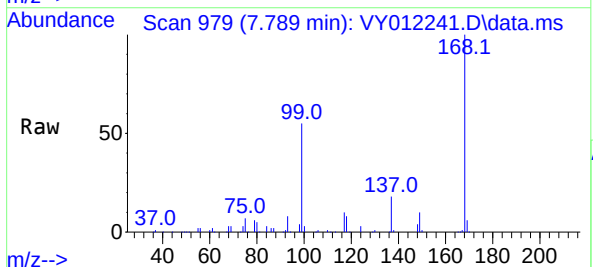
Instrument :
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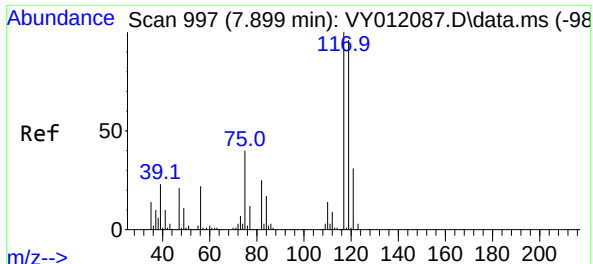
Tgt Ion:113 Resp: 67130
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.4
192 21.8 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.472 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

Tgt Ion: 75 Resp: 8963
Ion Ratio Lower Upper
75 100
110 11.1 18.1 54.1#
77 0.0 25.1 37.7#

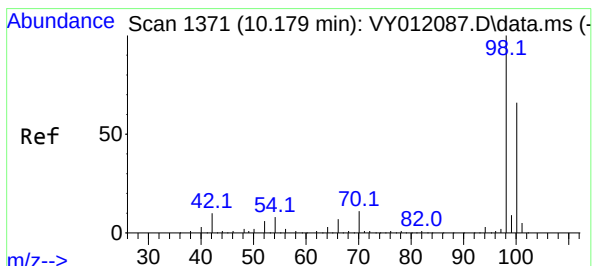
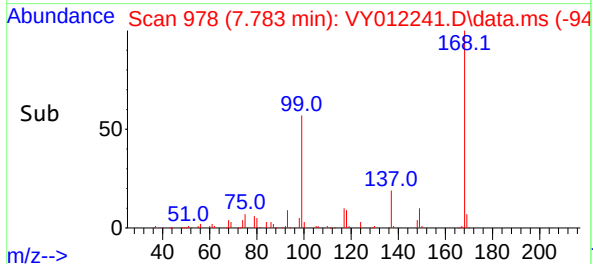
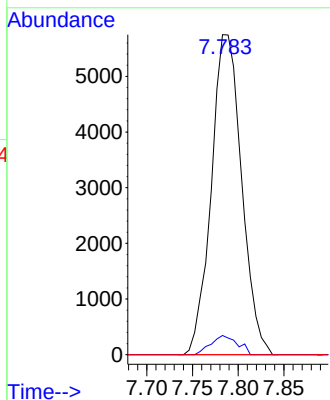
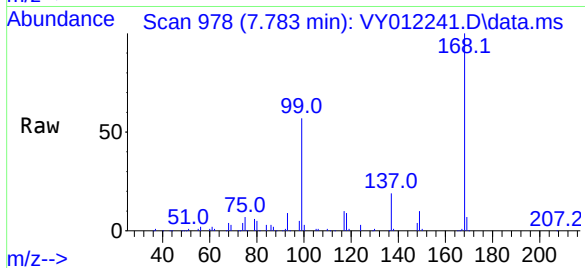




#38
Carbon Tetrachloride
Concen: 5.126 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

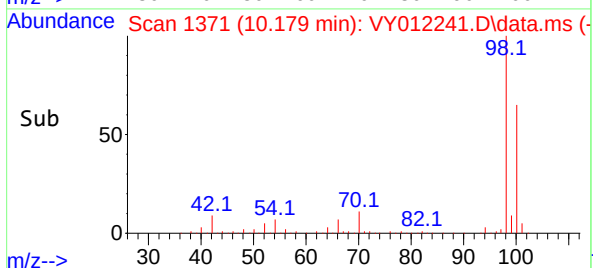
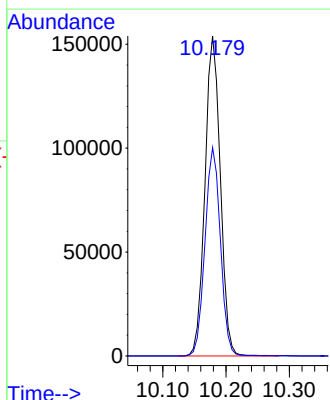
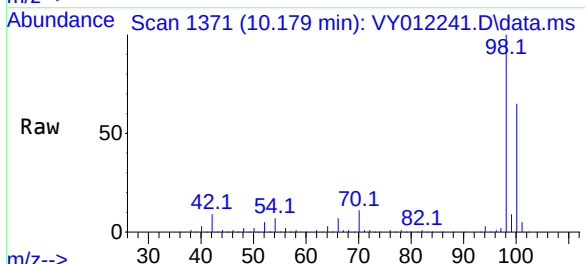
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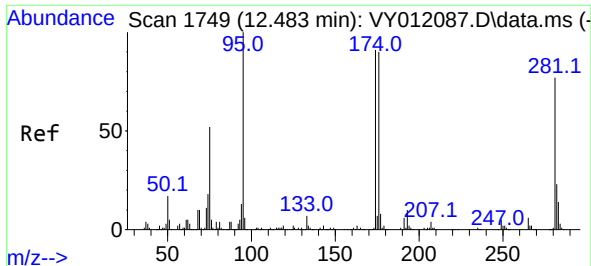
Tgt Ion:117 Resp: 13269
Ion Ratio Lower Upper
117 100
119 6.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.126 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

Tgt Ion: 98 Resp: 260783
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

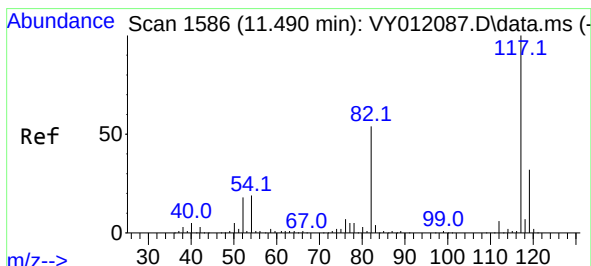
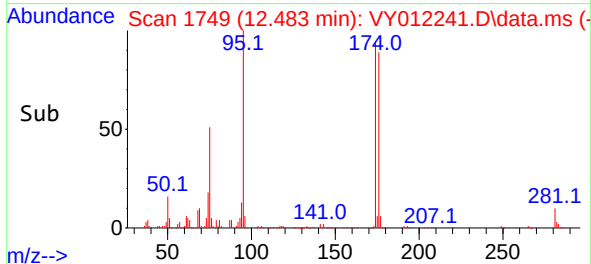
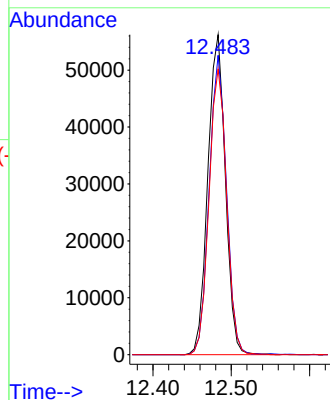
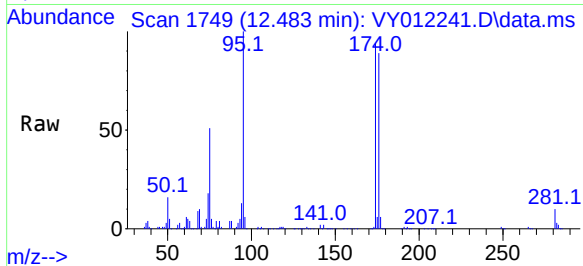




#62
4-Bromofluorobenzene
Concen: 52.459 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

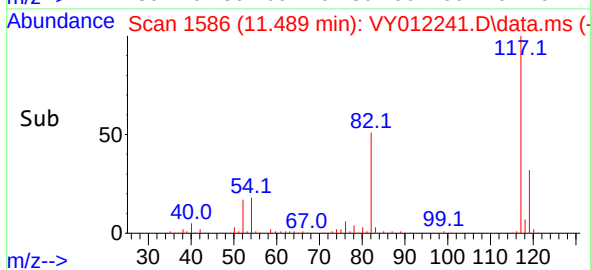
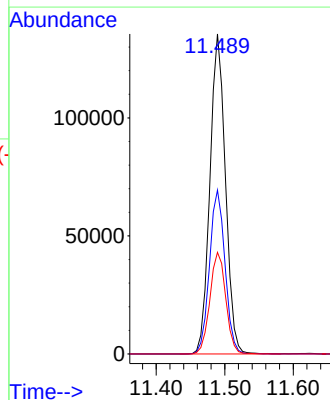
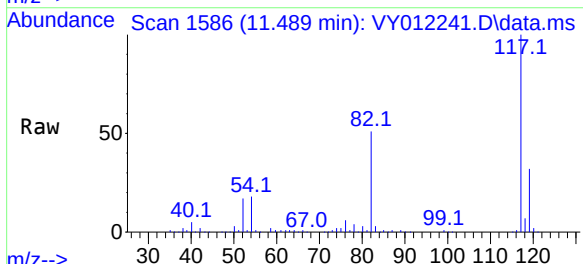
Instrument :
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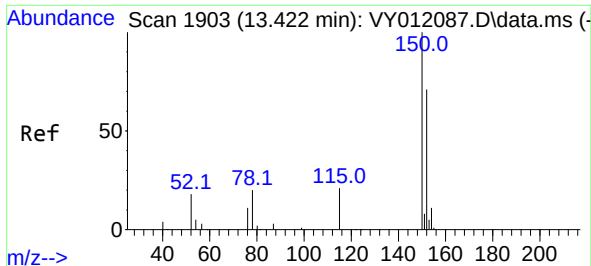
Tgt Ion: 95 Resp: 87220
Ion Ratio Lower Upper
95 100
174 92.4 0.0 172.0
176 89.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

Tgt Ion: 117 Resp: 213633
Ion Ratio Lower Upper
117 100
82 51.2 44.8 67.2
119 31.8 25.4 38.2

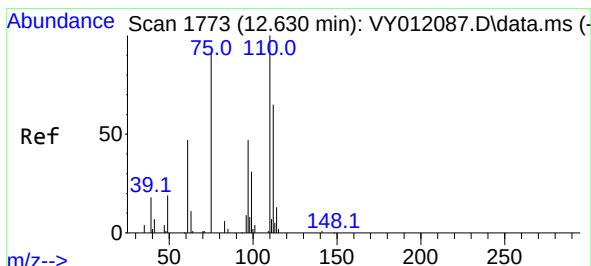
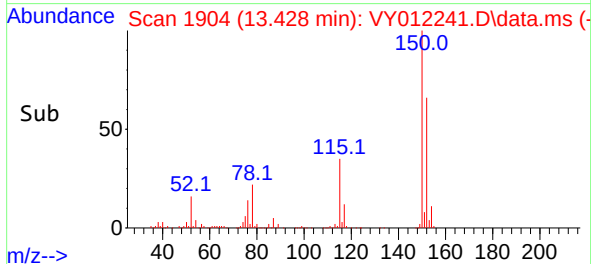
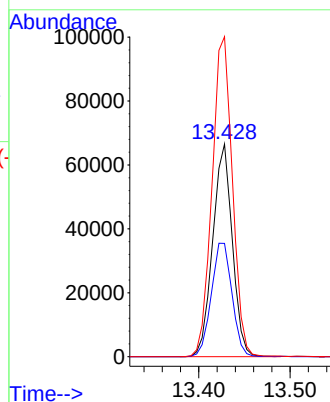
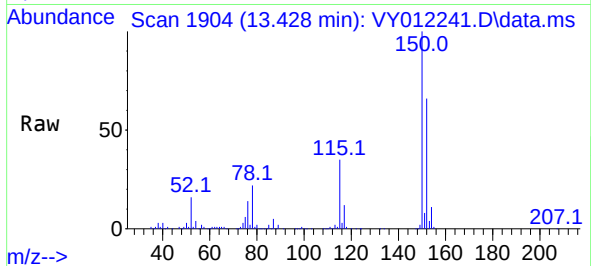




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

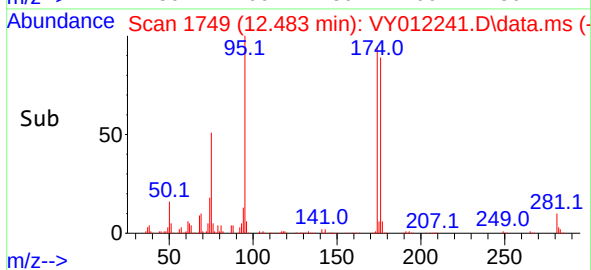
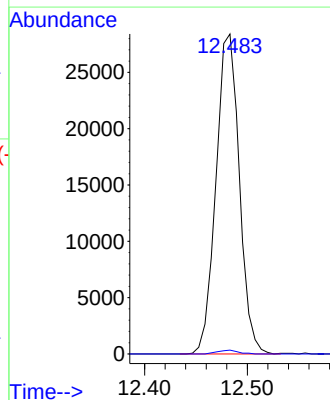
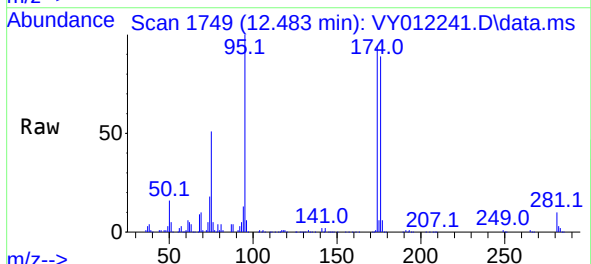
Instrument :
MSVOA_Y
ClientSampleId :
APNB-WEST

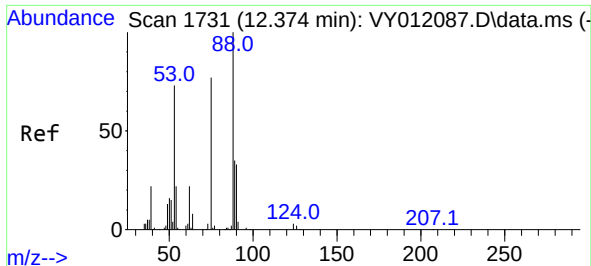
Tgt Ion:152 Resp: 99025
Ion Ratio Lower Upper
152 100
115 56.4 29.1 87.3
150 156.4 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 49.154 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

Tgt Ion: 75 Resp: 44758
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.278 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY012241.D
Acq: 18 Jan 2023 13:11

Instrument :
MSVOA_Y
ClientSampleId :
APNB-WEST

Tgt Ion: 75 Resp: 44758
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

