

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012223.D
 Acq On : 17 Jan 2023 14:36
 Operator : KP/MD
 Sample : 01172-01
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-F

Quant Time: Jan 18 00:32:51 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)

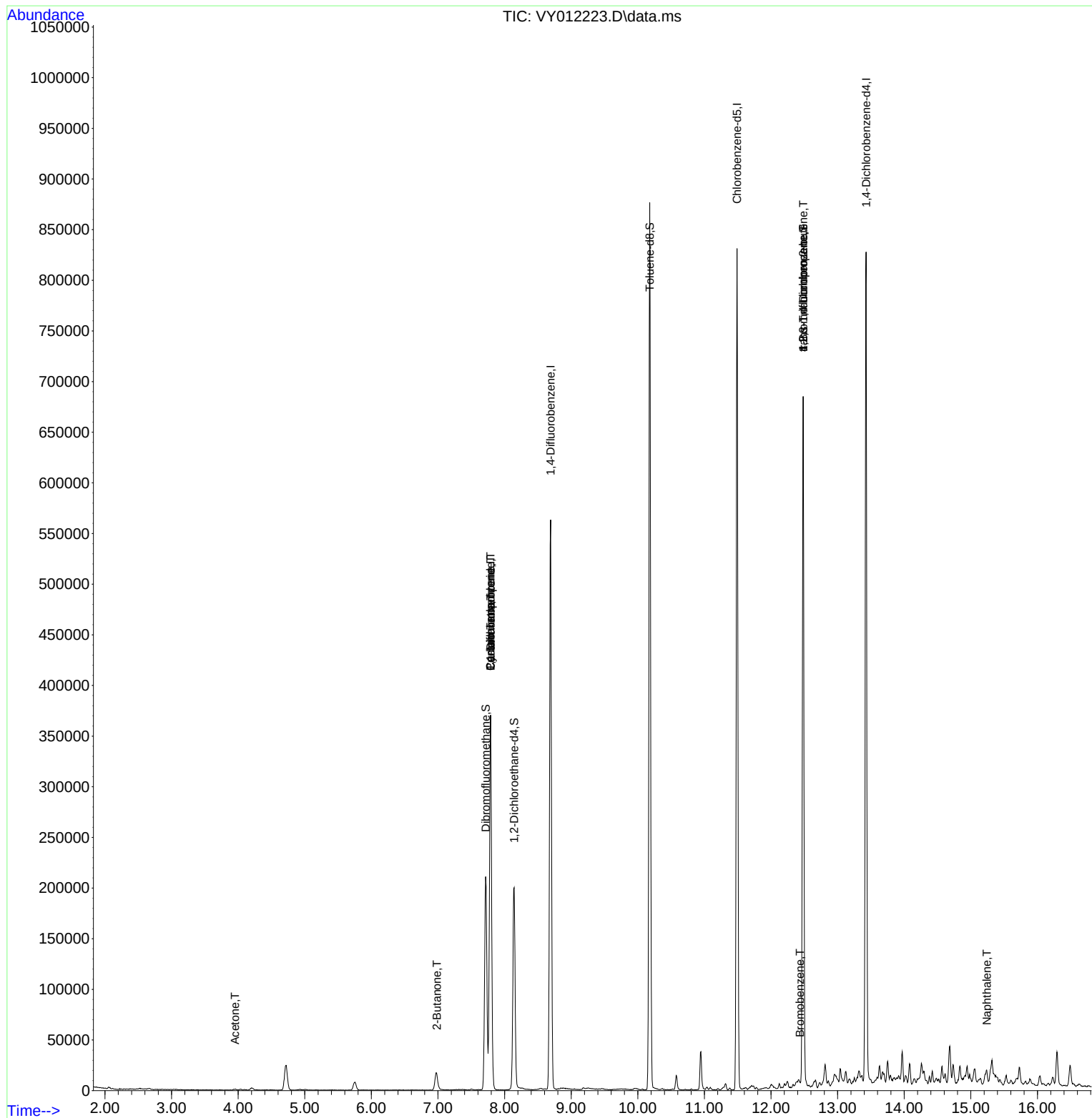
Internal Standards						
1) Pentafluorobenzene	7.789	168	289011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	494033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	468325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	223904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	161580	68.939	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.880%			
35) Dibromofluoromethane	7.716	113	151869	58.056	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.120%			
50) Toluene-d8	10.179	98	582447	65.615	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 131.220%			
62) 4-Bromofluorobenzene	12.483	95	207405	56.243	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.480%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1051	Below Cal	#	74
16) Acetone	3.954	43	1662	2.065	ug/l	97
20) Methylene Chloride	4.716	84	20185	Below Cal		92
25) 2-Butanone	6.984	43	1299	1.462	ug/l #	74
31) Cyclohexane	7.789	56	4964	1.178	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	20226	4.549	ug/l #	49
38) Carbon Tetrachloride	7.789	117	27964	4.870	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	103737	50.385	ug/l #	100
77) Bromobenzene	12.434	156	7836	2.017	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	103737	103.816	ug/l #	13
95) Naphthalene	15.239	128	9920	1.138	ug/l #	94

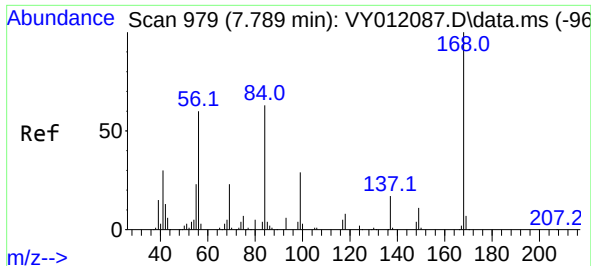
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

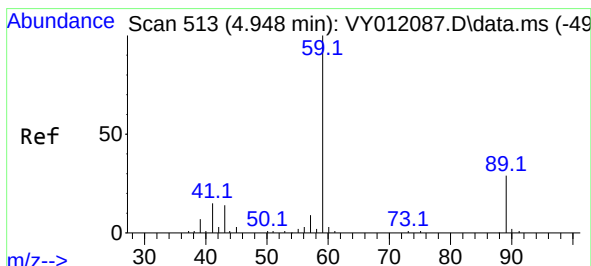
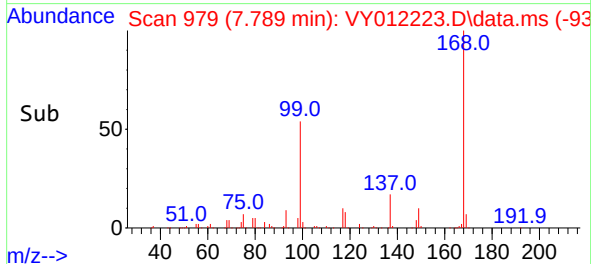
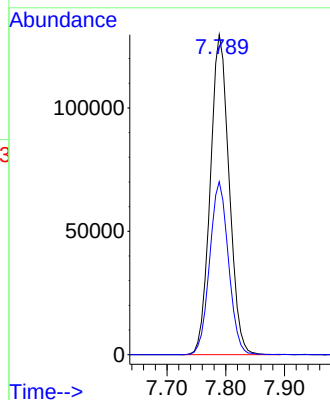
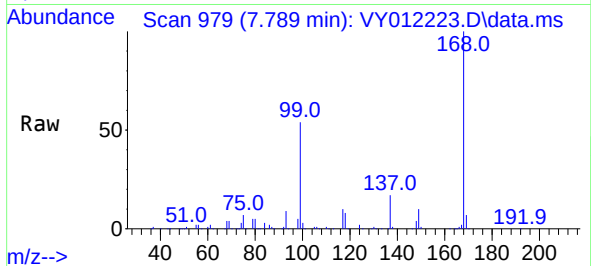




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

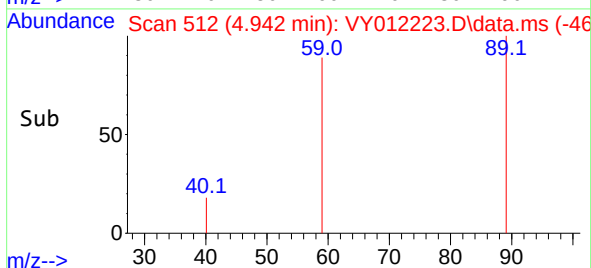
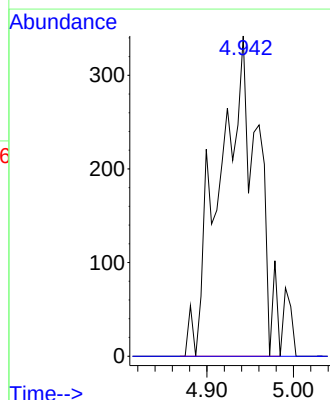
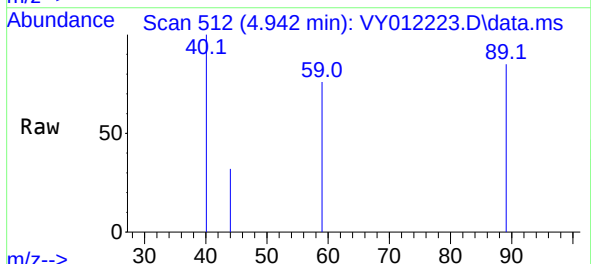
Instrument :
MSVOA_Y
ClientSampleId :
TP-F

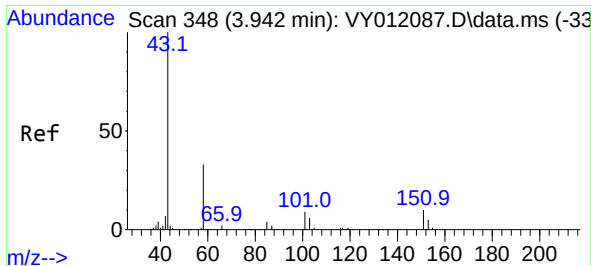
Tgt Ion:168 Resp: 289011
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

Tgt Ion: 59 Resp: 1051
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

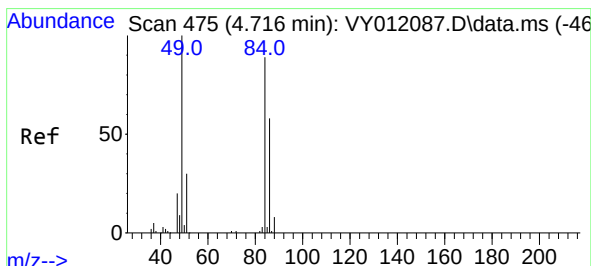
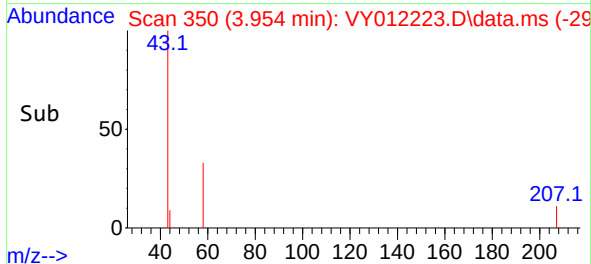
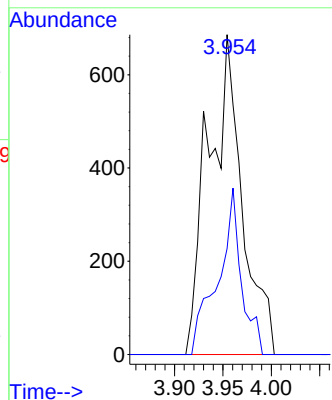
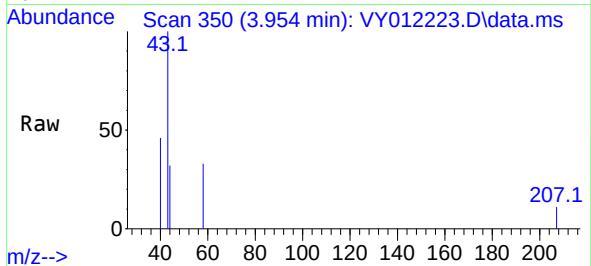




#16
Acetone
Concen: 2.065 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

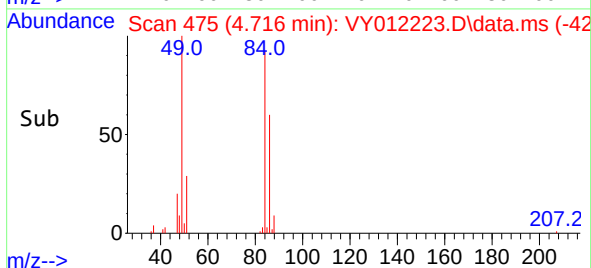
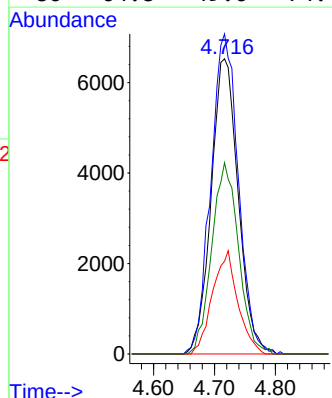
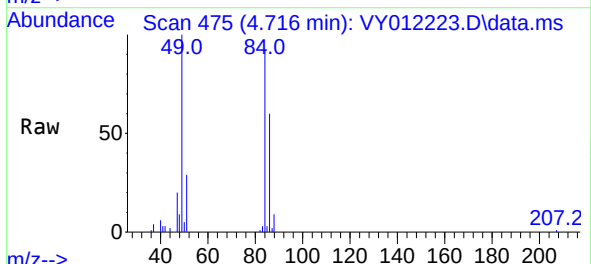
Instrument :
MSVOA_Y
ClientSampleId :
TP-F

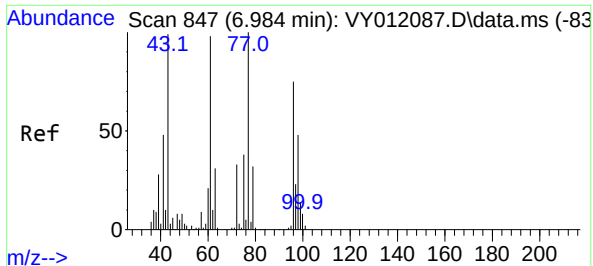
Tgt Ion: 43 Resp: 1662
Ion Ratio Lower Upper
43 100
58 33.1 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

Tgt Ion: 84 Resp: 20185
Ion Ratio Lower Upper
84 100
49 108.4 95.4 143.2
51 31.4 29.9 44.9
86 64.8 49.6 74.4

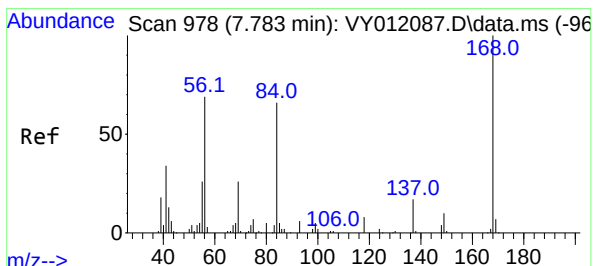
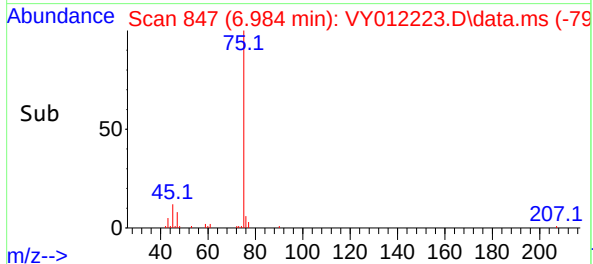
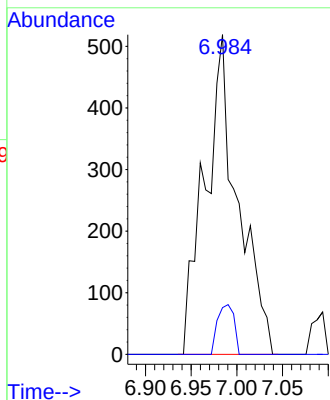
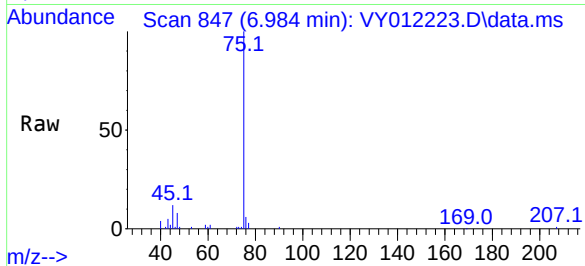




#25
2-Butanone
Concen: 1.462 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

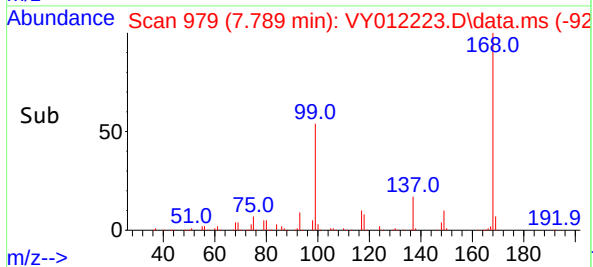
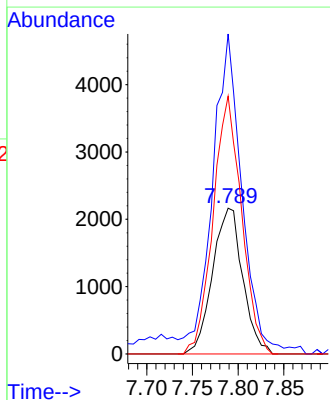
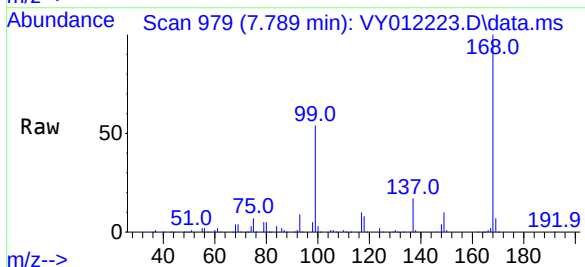
Instrument :
MSVOA_Y
ClientSampleId :
TP-F

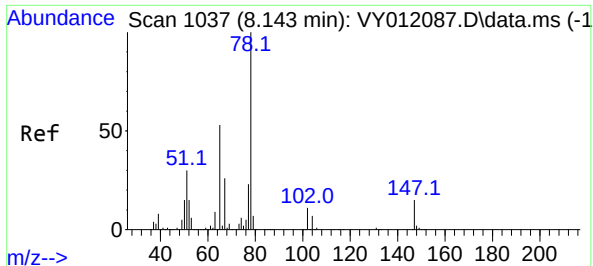
Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
72 14.6 22.6 34.0#



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

Tgt Ion: 56 Resp: 4964
Ion Ratio Lower Upper
56 100
69 213.3 29.2 43.8#
84 176.7 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 68.939 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012223.D

Acq: 17 Jan 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

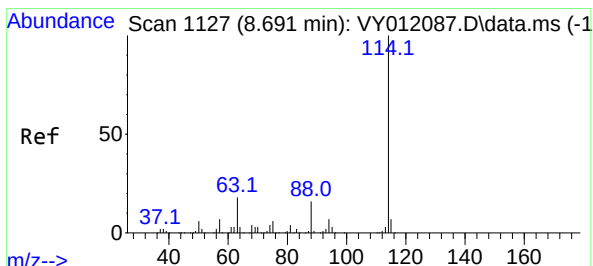
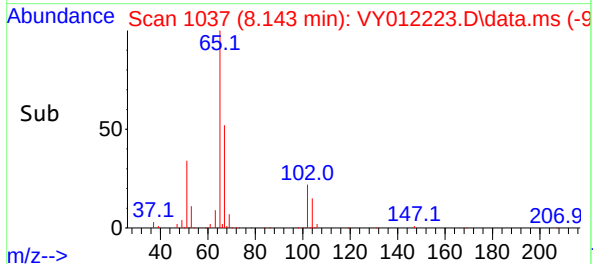
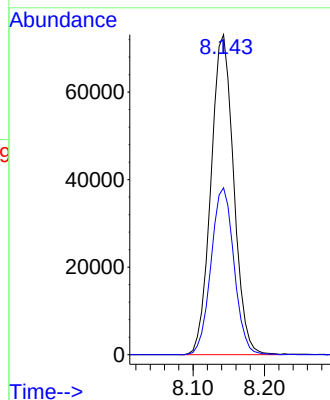
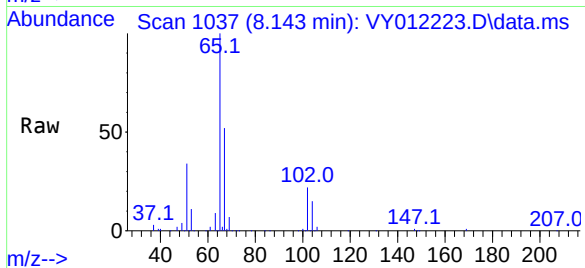
TP-F

Tgt Ion: 65 Resp: 161580

Ion Ratio Lower Upper

65 100

67 52.6 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: VY012223.D

Acq: 17 Jan 2023 14:36

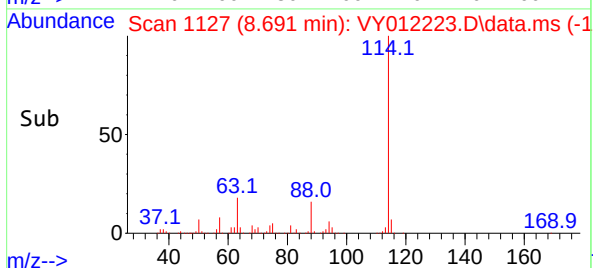
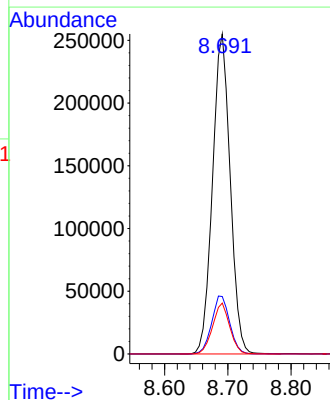
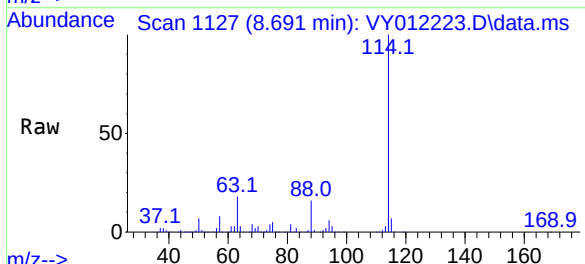
Tgt Ion: 114 Resp: 494033

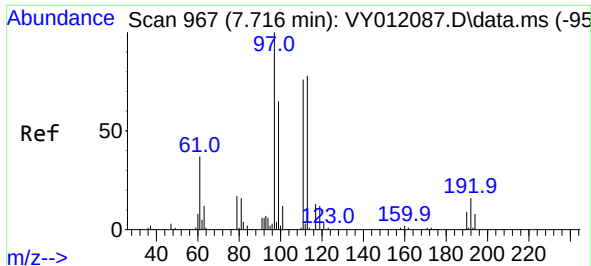
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

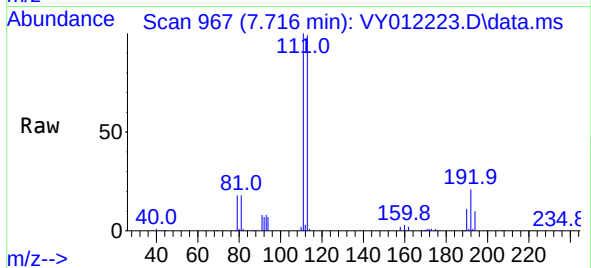
88 15.9 0.0 32.2



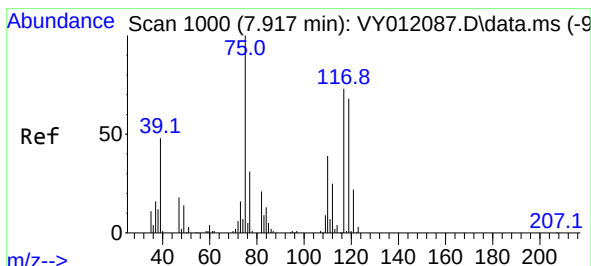
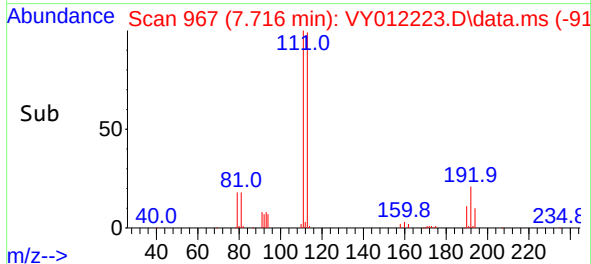
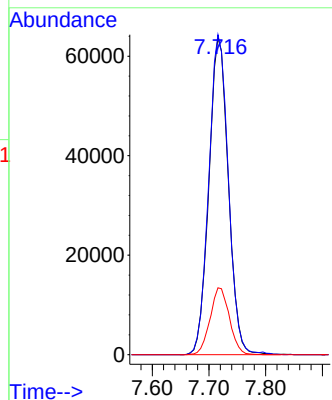


#35
Dibromofluoromethane
Concen: 58.056 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
TP-F

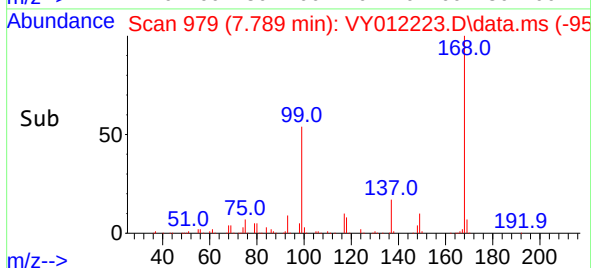
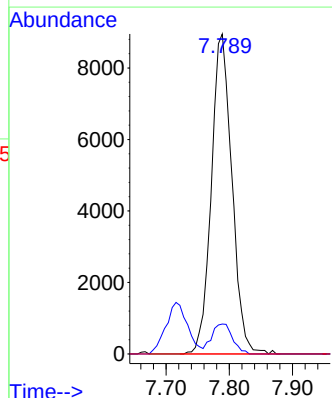
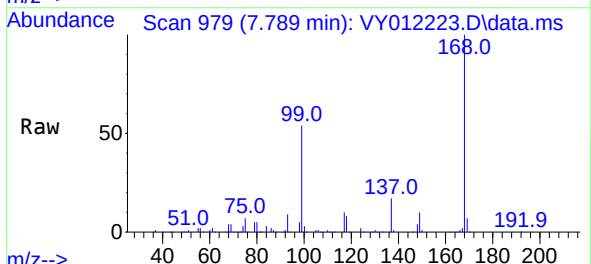


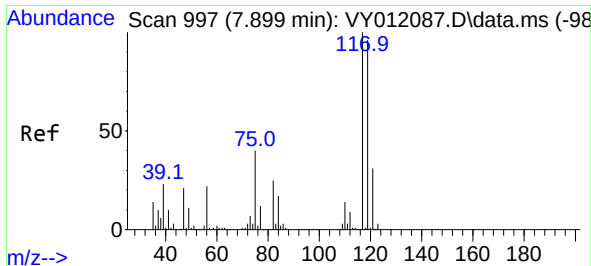
Tgt Ion:113 Resp: 151869
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 21.0 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.549 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

Tgt Ion: 75 Resp: 20226
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.1#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 4.870 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY012223.D

Acq: 17 Jan 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

TP-F

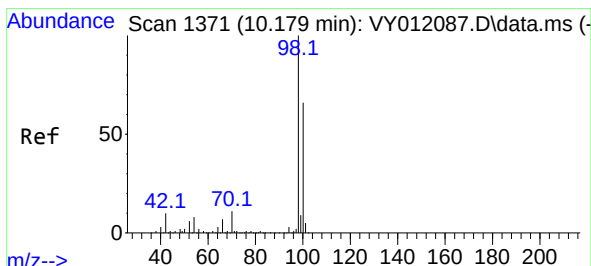
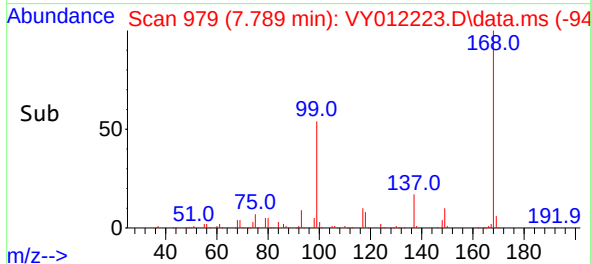
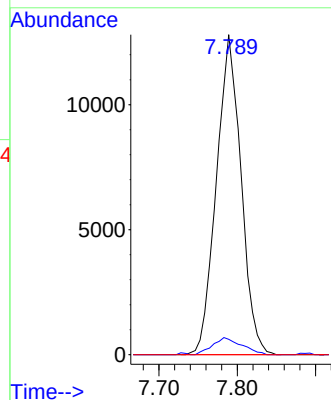
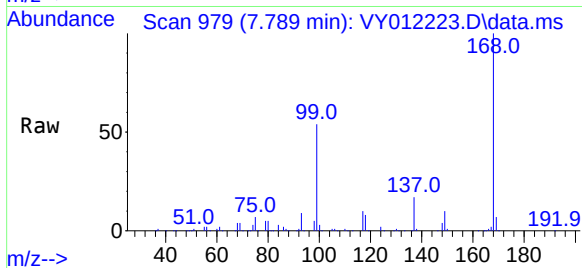
Tgt Ion:117 Resp: 27964

Ion Ratio Lower Upper

117 100

119 4.8 73.8 110.8#

121 0.0 25.2 37.8#



#50

Toluene-d8

Concen: 65.615 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012223.D

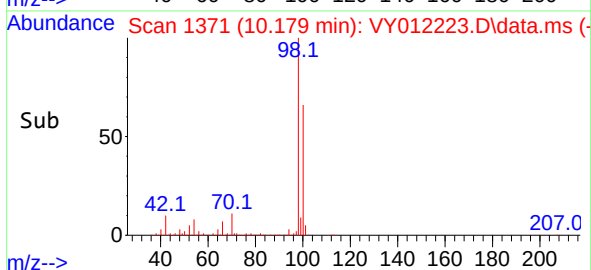
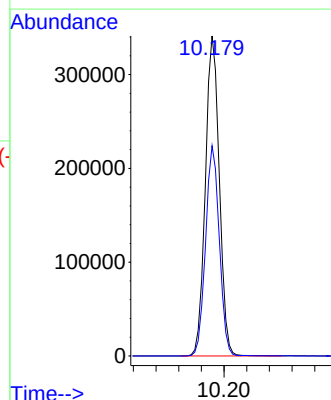
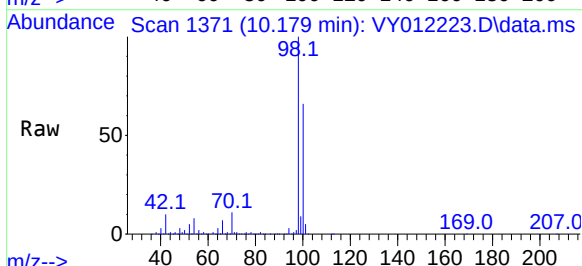
Acq: 17 Jan 2023 14:36

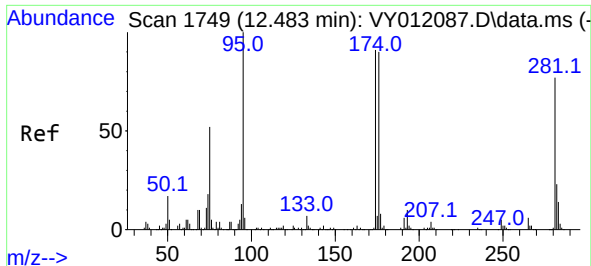
Tgt Ion: 98 Resp: 582447

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9

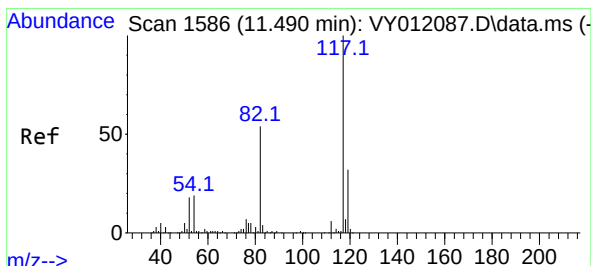
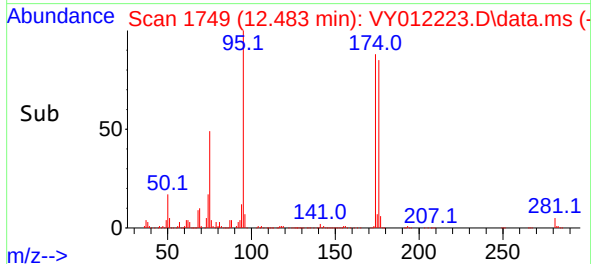
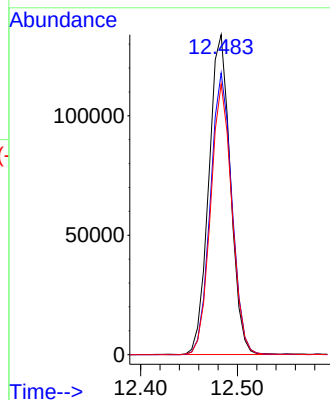
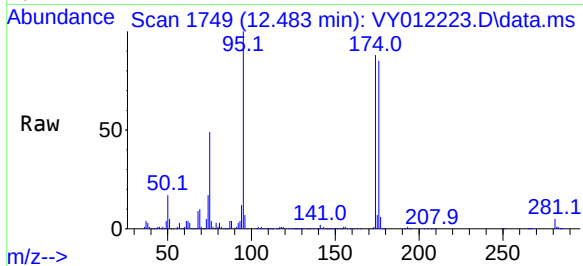




#62
4-Bromofluorobenzene
Concen: 56.243 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

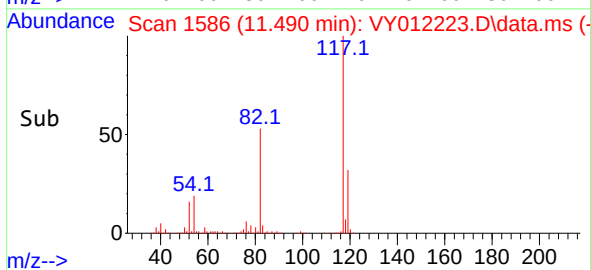
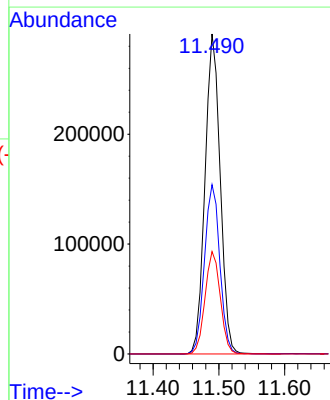
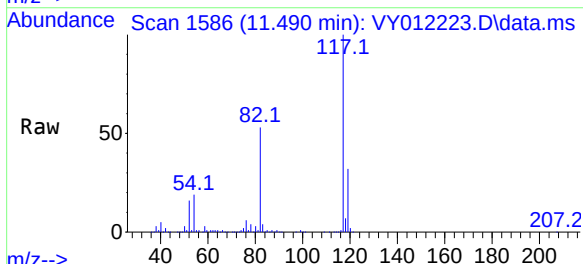
Instrument :
MSVOA_Y
ClientSampleId :
TP-F

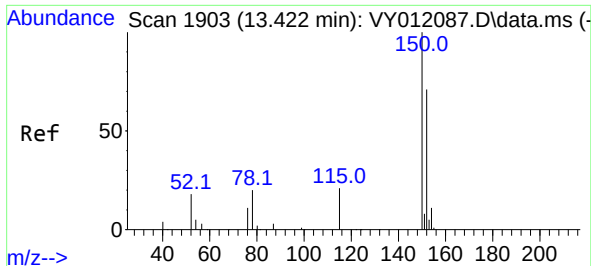
Tgt Ion: 95 Resp: 207405
Ion Ratio Lower Upper
95 100
174 87.9 0.0 172.0
176 83.5 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

Tgt Ion: 117 Resp: 468325
Ion Ratio Lower Upper
117 100
82 52.9 44.8 67.2
119 32.0 25.4 38.2

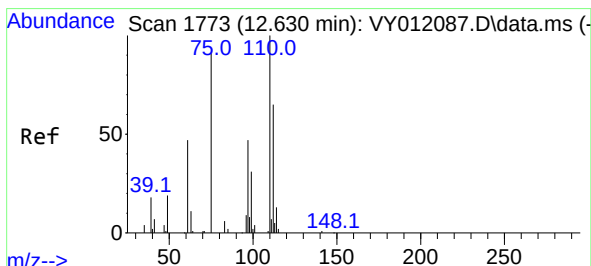
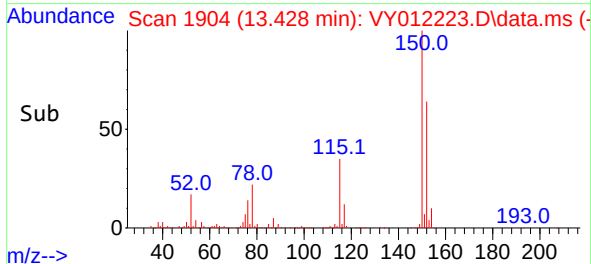
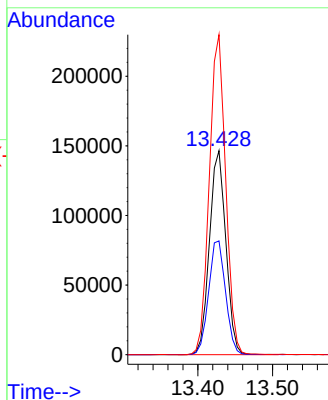
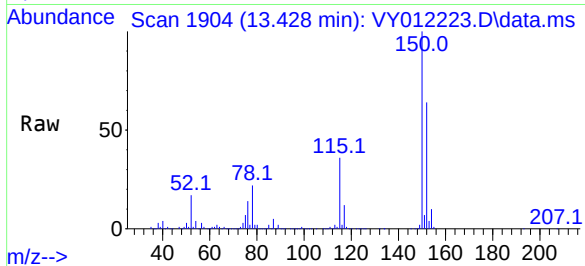




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.006 min
 Lab File: VY012223.D
 Acq: 17 Jan 2023 14:36

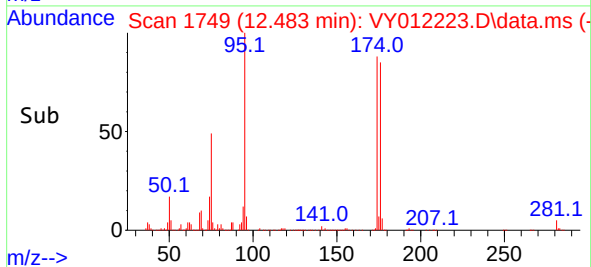
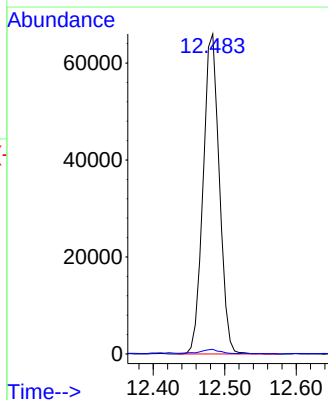
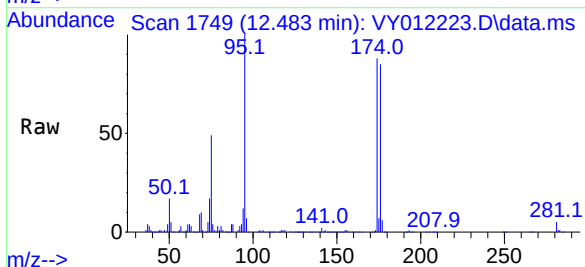
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-F

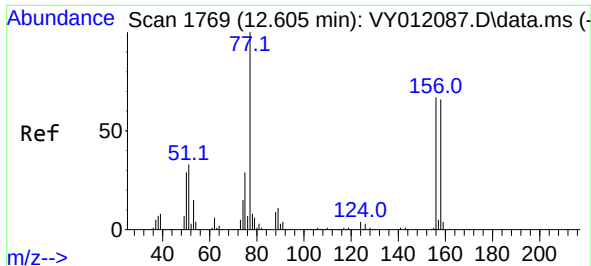
Tgt Ion:152 Resp: 223904
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.1 87.3
 150 156.2 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 50.385 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012223.D
 Acq: 17 Jan 2023 14:36

Tgt Ion: 75 Resp: 103737
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

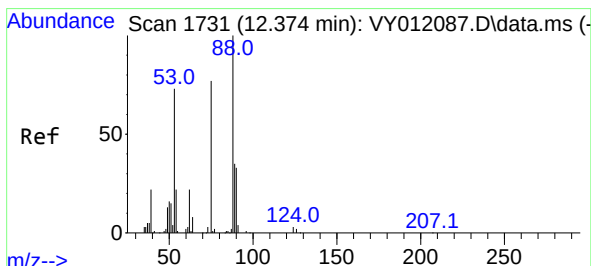
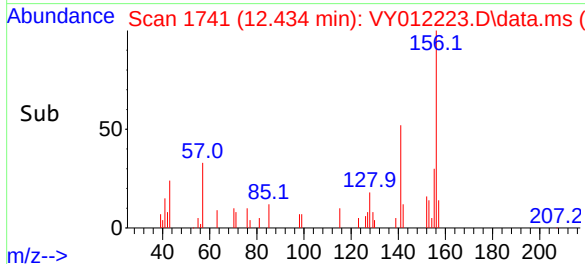
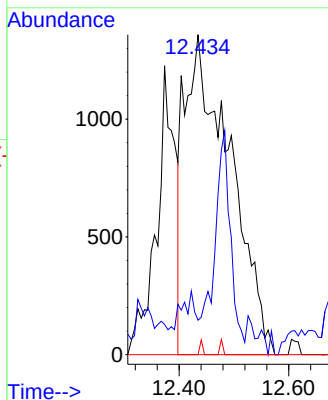
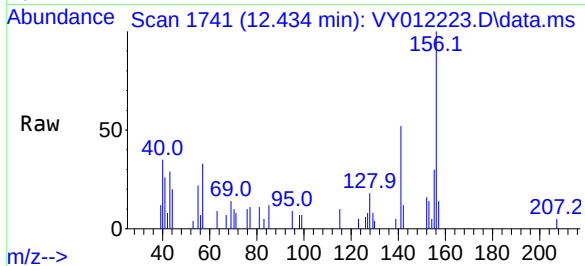




#77
Bromobenzene
Concen: 2.017 ug/l
RT: 12.434 min Scan# 1741
Delta R.T. -0.171 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

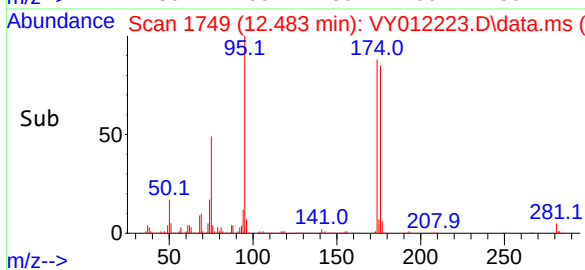
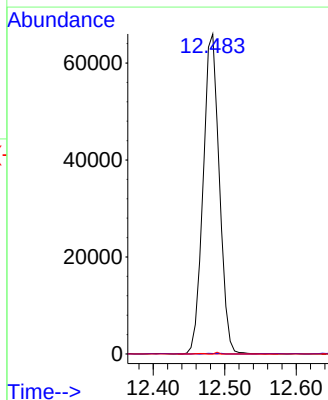
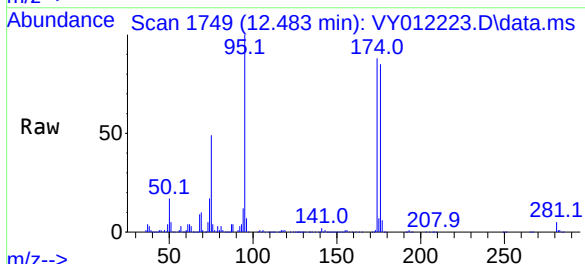
Instrument :
MSVOA_Y
ClientSampleId :
TP-F

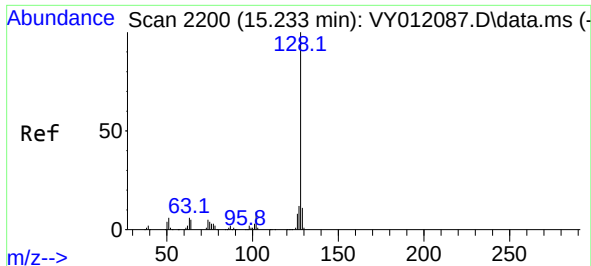
Tgt Ion:156 Resp: 7836
Ion Ratio Lower Upper
156 100
77 4.2 90.0 270.0#
158 0.3 48.4 145.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

Tgt Ion: 75 Resp: 103737
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 1.138 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY012223.D
Acq: 17 Jan 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
TP-F

Tgt Ion:128 Resp: 9920
Ion Ratio Lower Upper
128 100
127 14.3 10.2 15.2
129 14.5 8.8 13.2#

