

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012853.D
 Acq On : 07 Mar 2023 18:29
 Operator : KP/MD
 Sample : 01787-01
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1RE

Quant Time: Mar 07 23:45:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

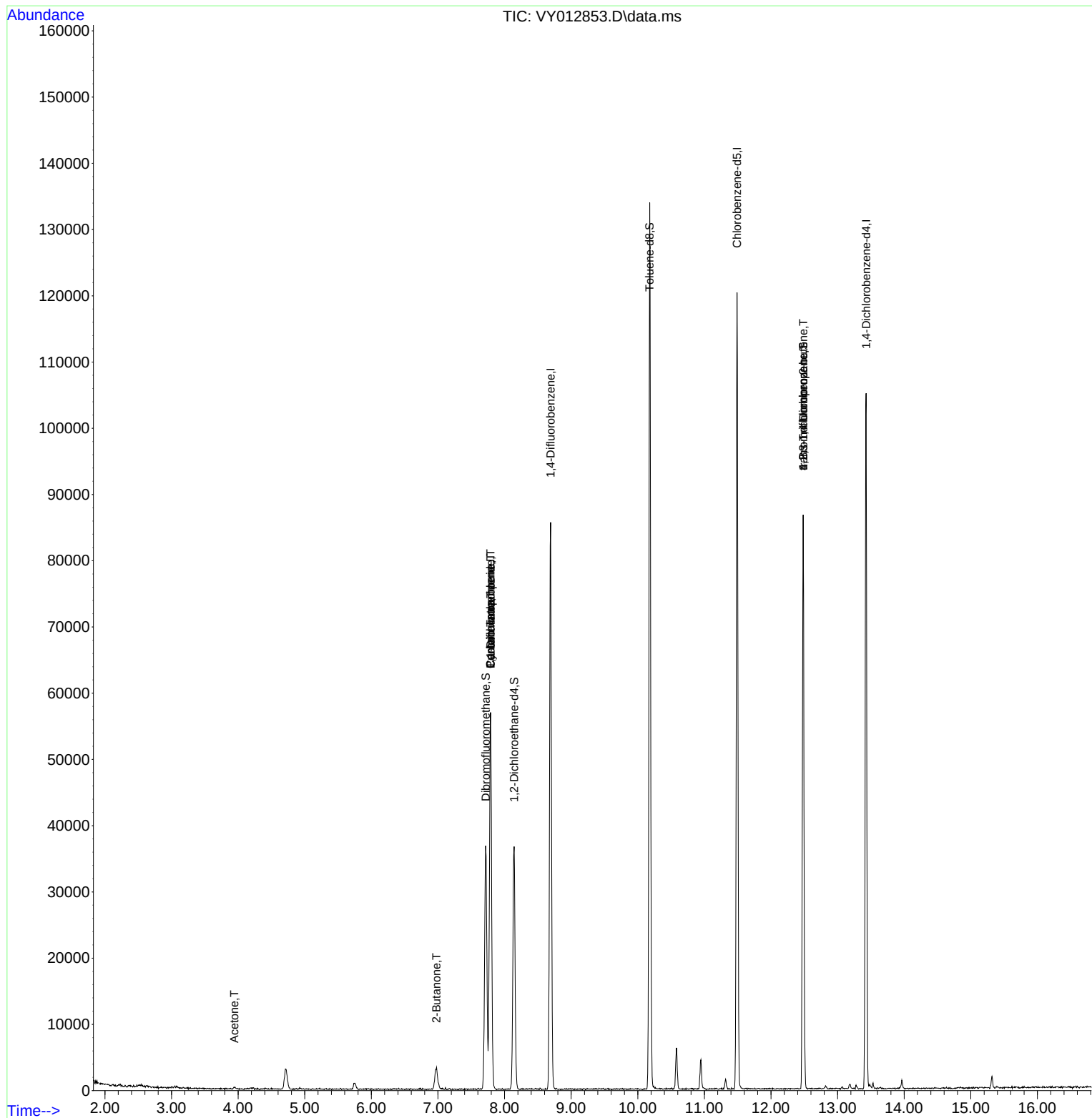
Internal Standards						
1) Pentafluorobenzene	7.789	168	45027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	72068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	65879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	28688	64.170	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 128.340%		
35) Dibromofluoromethane	7.716	113	25130	57.779	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 115.560%		
50) Toluene-d8	10.179	98	86424	54.354	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 108.700%		
62) 4-Bromofluorobenzene	12.483	95	24502	45.656	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 91.320%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	65	Below Cal	#	74
16) Acetone	3.942	43	338	1.926	ug/l #	44
20) Methylene Chloride	4.723	84	2445	Below Cal		85
25) 2-Butanone	6.978	43	262	1.205	ug/l #	49
31) Cyclohexane	7.789	56	1000	1.168	ug/l #	22
36) 1,1-Dichloropropene	7.789	75	3372	4.626	ug/l #	47
38) Carbon Tetrachloride	7.789	117	4339	5.765	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	12386	36.266	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12386	75.145	ug/l #	13

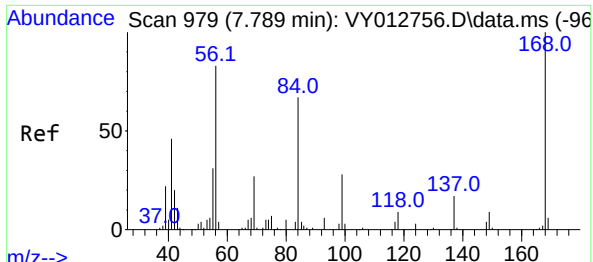
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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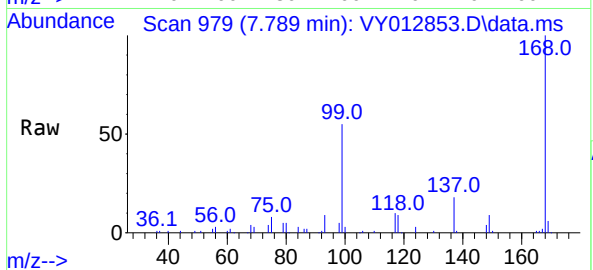
Quant Time: Mar 07 23:45:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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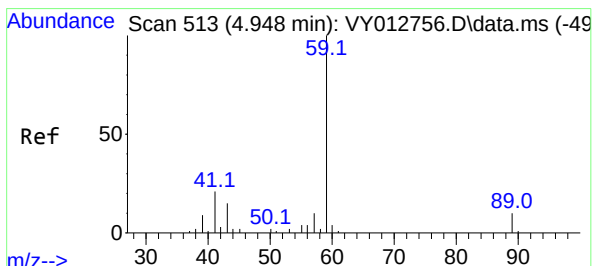
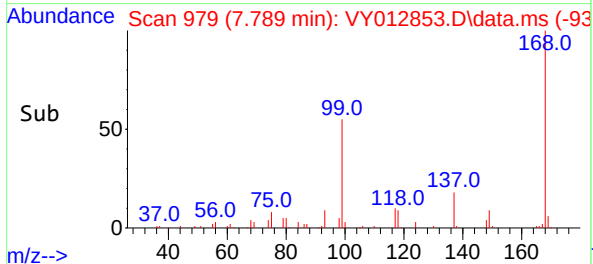
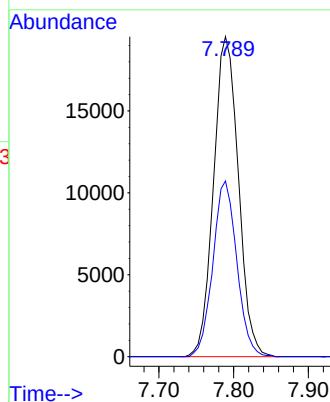


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

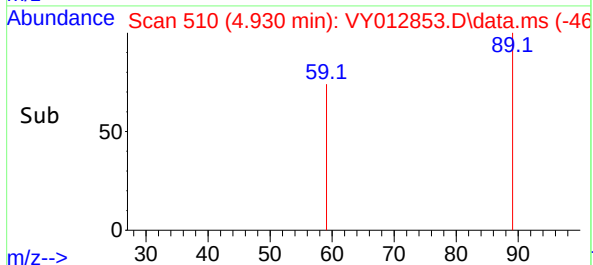
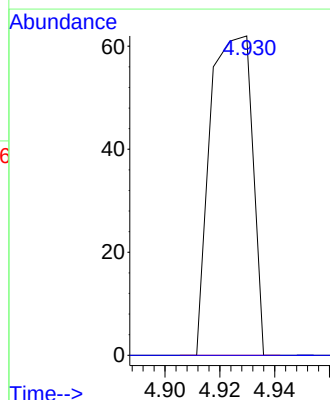
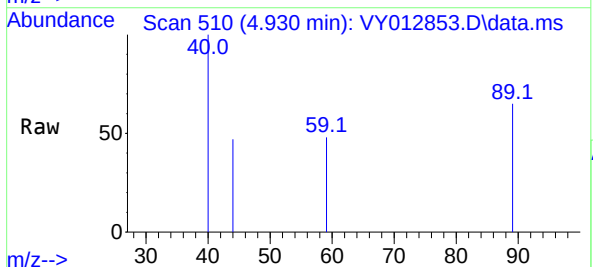


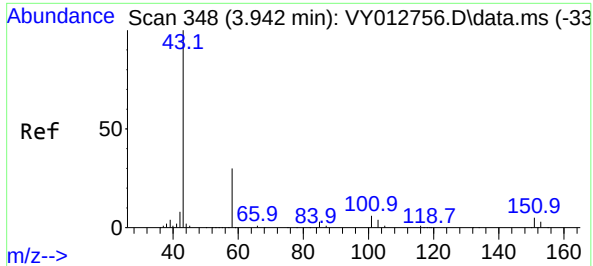
Tgt Ion:168 Resp: 45027
Ion Ratio Lower Upper
168 100
99 54.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

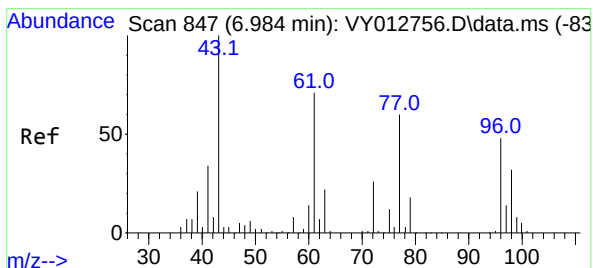
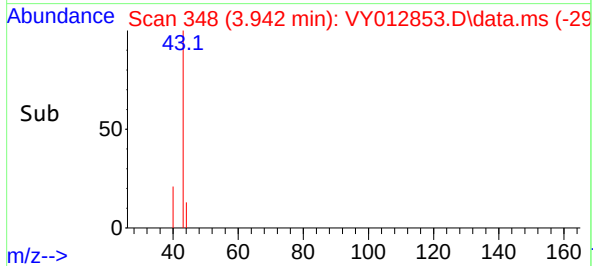
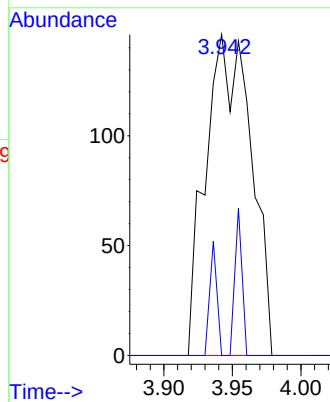
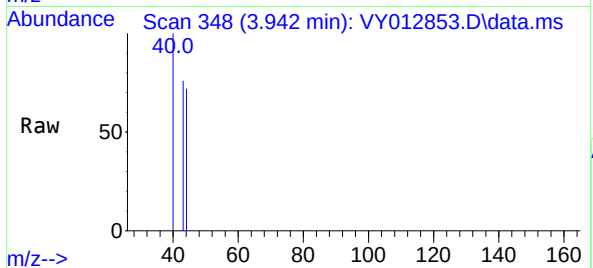




#16
Acetone
Concen: 1.926 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

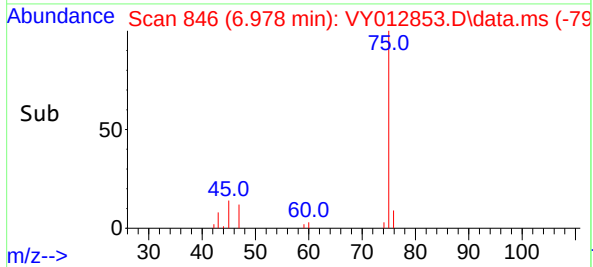
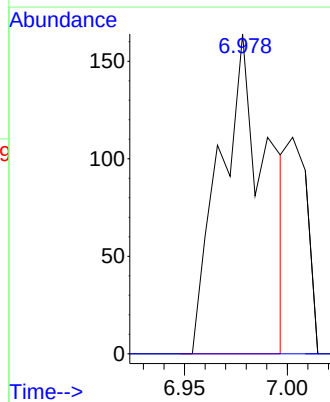
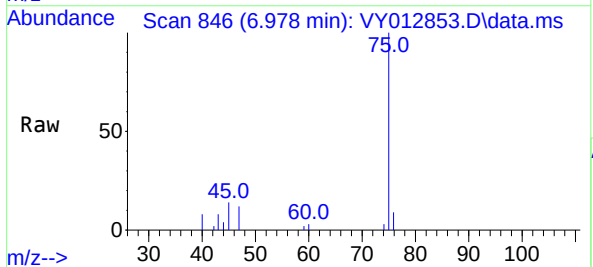
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

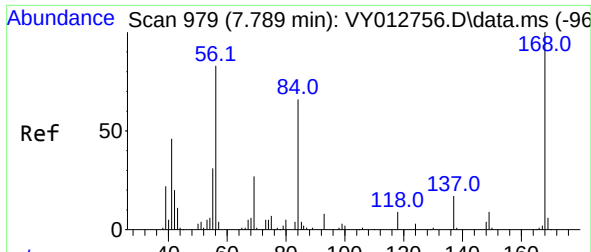
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#25
2-Butanone
Concen: 1.205 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

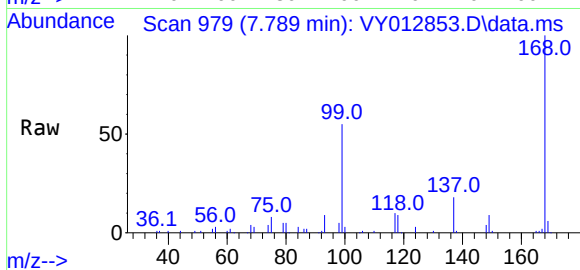
Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



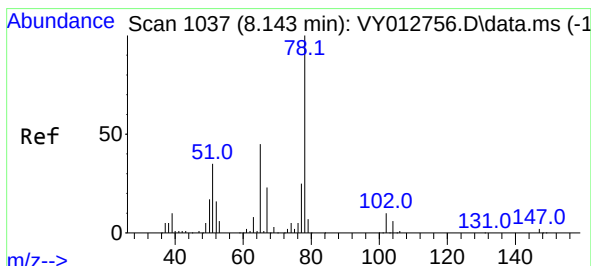
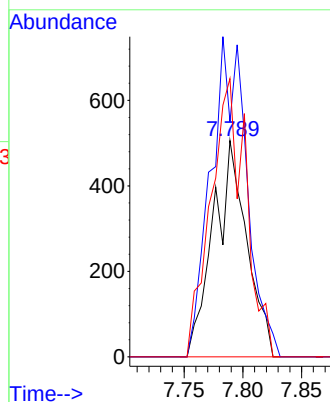
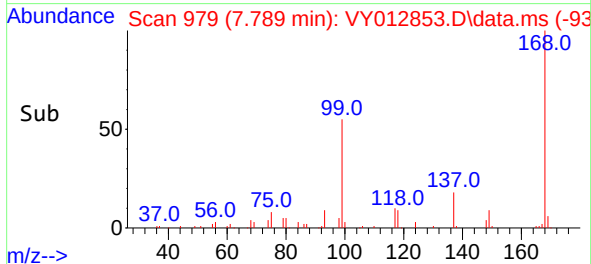


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

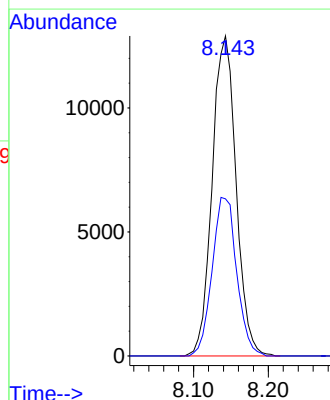
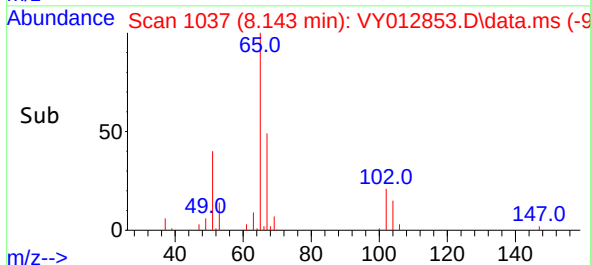
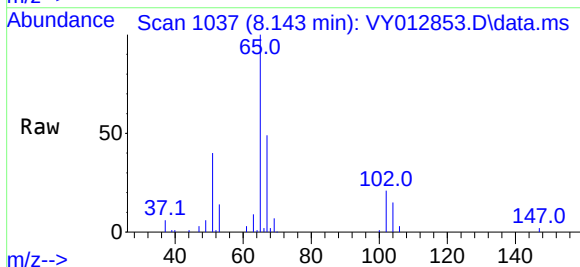


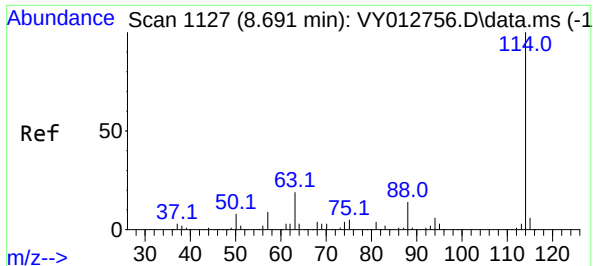
Tgt Ion: 56 Resp: 1000
Ion Ratio Lower Upper
56 100
69 108.7 25.7 38.5#
84 128.7 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 64.170 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Tgt Ion: 65 Resp: 28688
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012853.D

Acq: 07 Mar 2023 18:29

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1RE

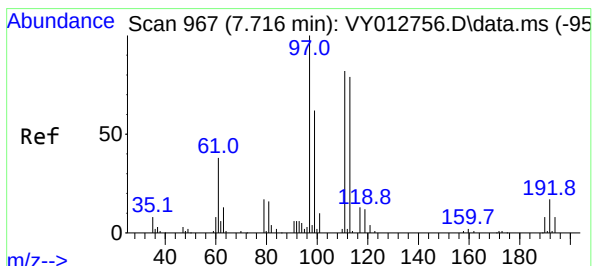
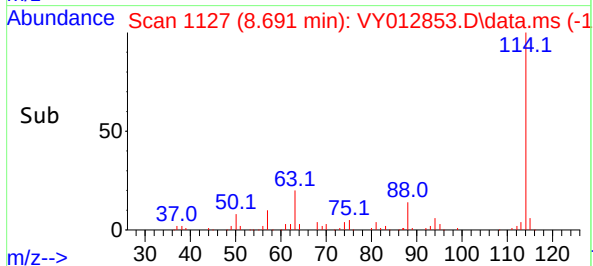
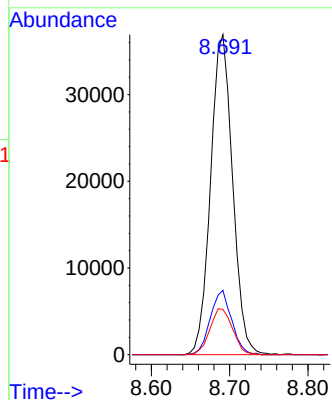
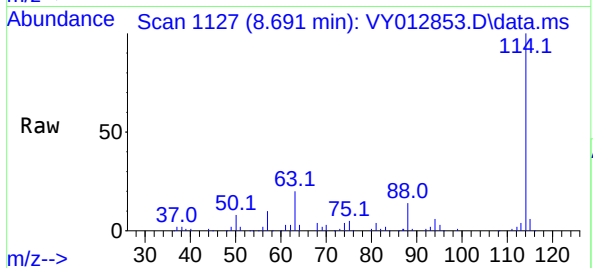
Tgt Ion:114 Resp: 72068

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.779 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012853.D

Acq: 07 Mar 2023 18:29

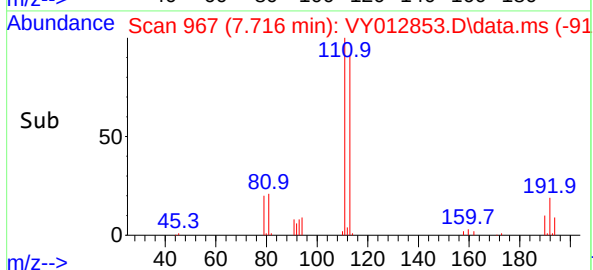
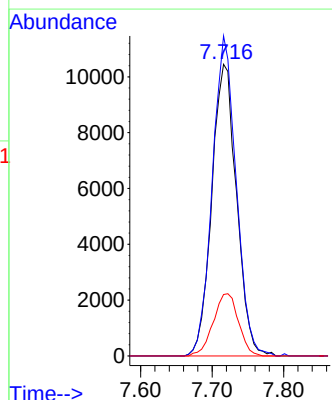
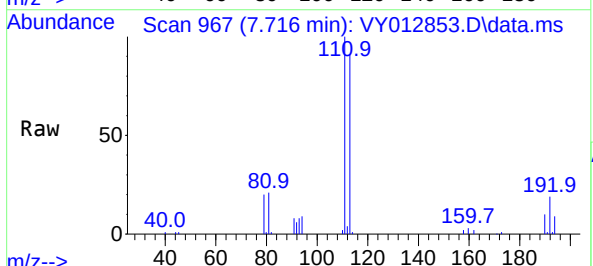
Tgt Ion:113 Resp: 25130

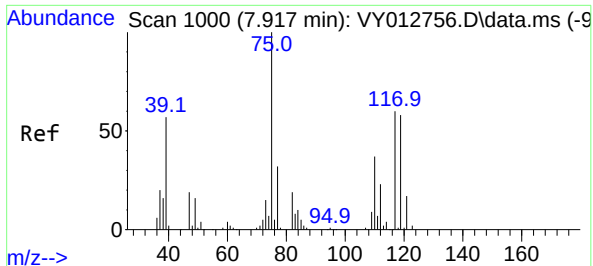
Ion Ratio Lower Upper

113 100

111 105.7 82.2 123.2

192 21.8 16.8 25.2

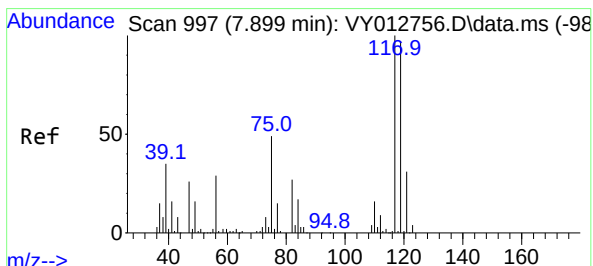
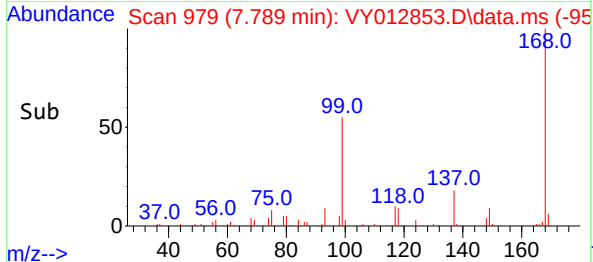
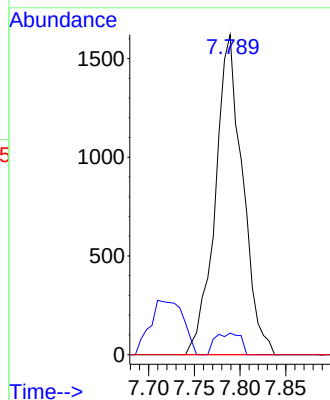
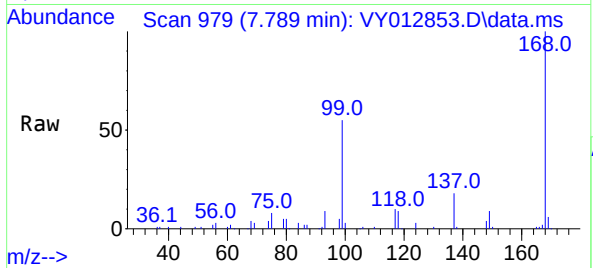




#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

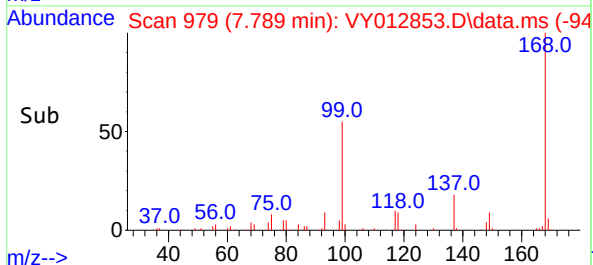
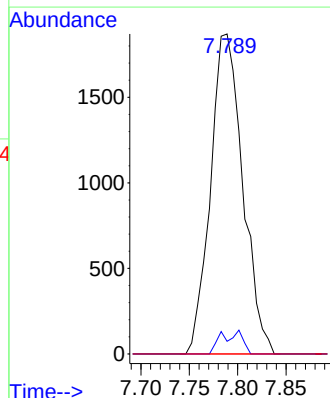
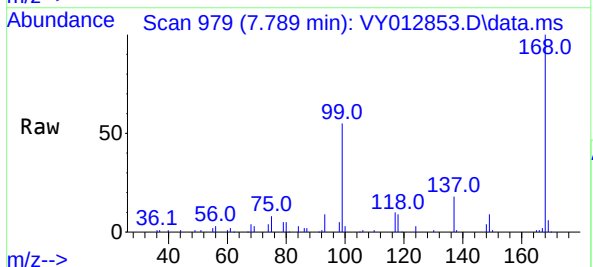
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

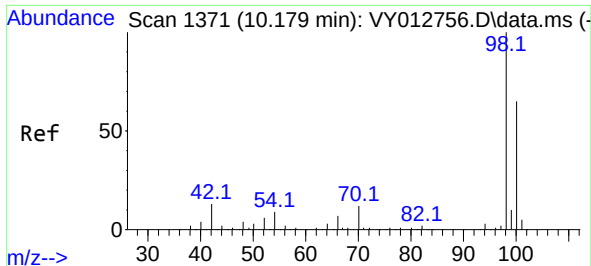
Tgt Ion: 75 Resp: 3372
Ion Ratio Lower Upper
75 100
110 6.3 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Tgt Ion: 117 Resp: 4339
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 24.7 37.1#

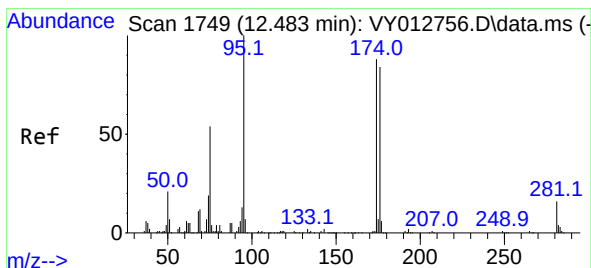
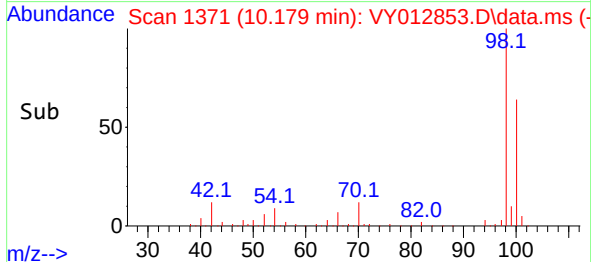
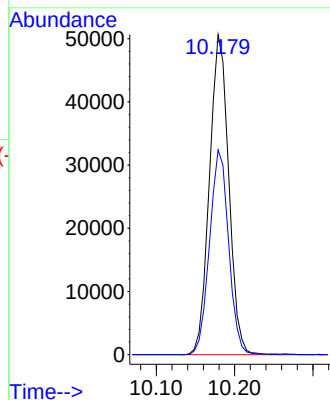
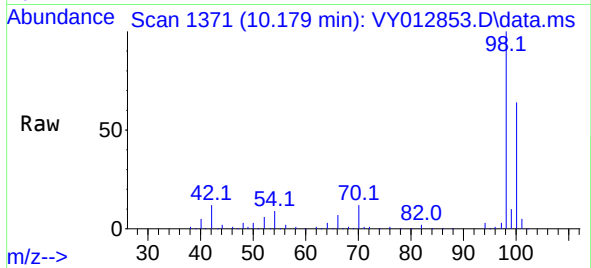




#50
Toluene-d8
Concen: 54.354 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

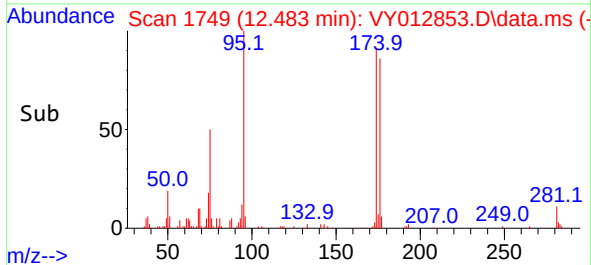
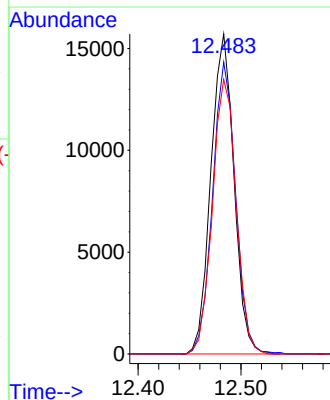
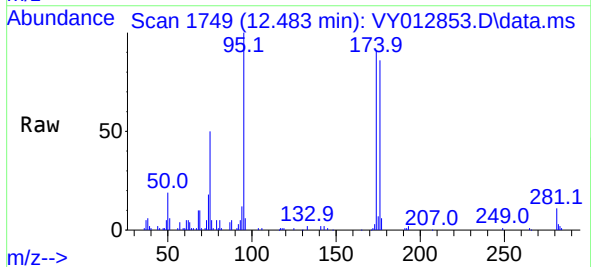
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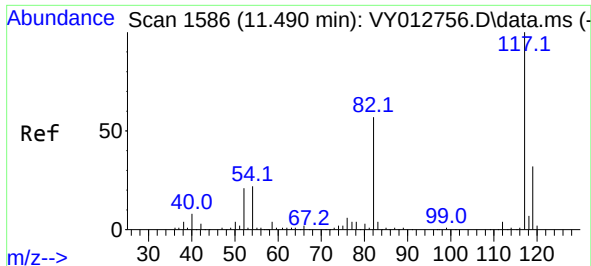
Tgt Ion: 98 Resp: 86424
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.656 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Tgt Ion: 95 Resp: 24502
Ion Ratio Lower Upper
95 100
174 91.1 0.0 176.6
176 87.8 0.0 170.2

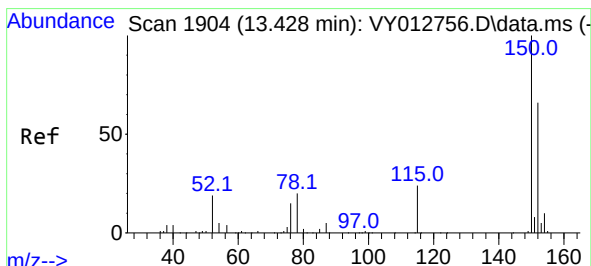
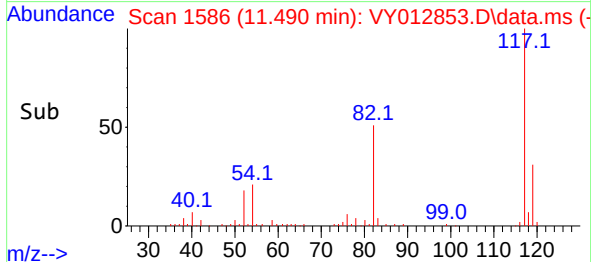
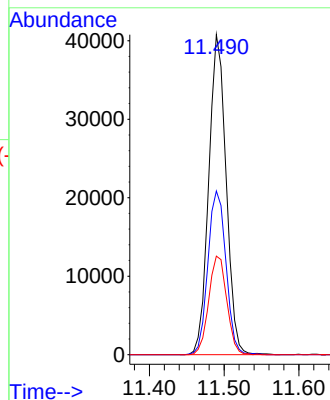
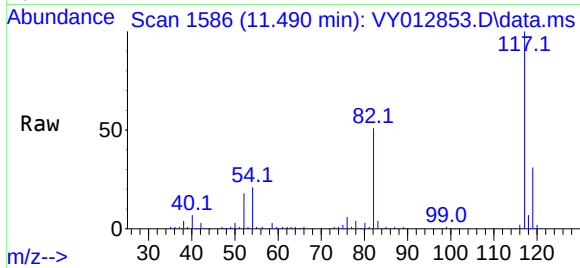




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

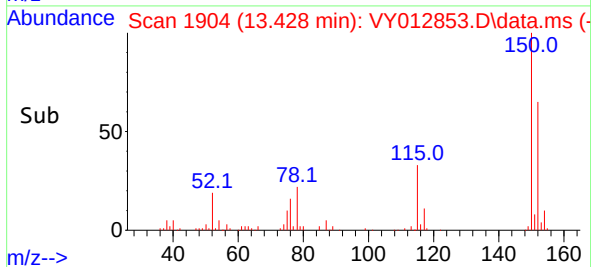
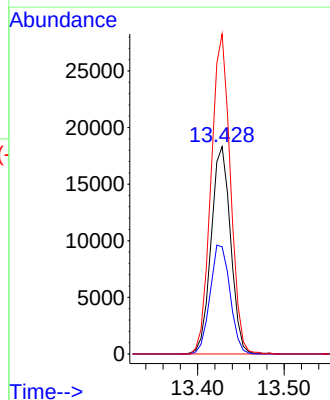
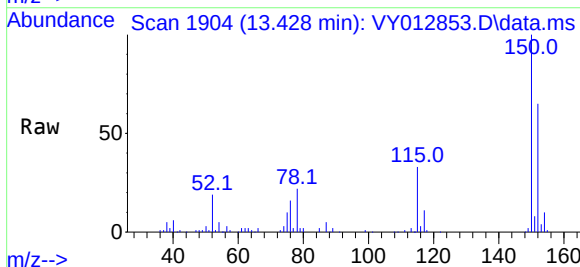
Instrument :
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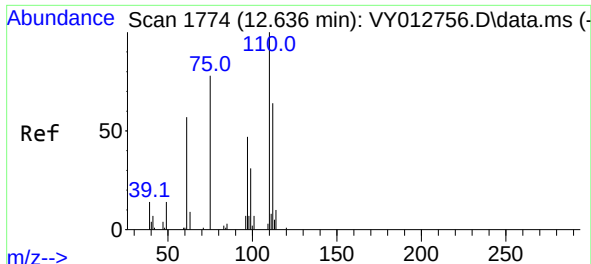
Tgt Ion:117 Resp: 65879
Ion Ratio Lower Upper
117 100
82 51.1 45.4 68.0
119 30.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Tgt Ion:152 Resp: 28600
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.3
150 153.0 0.0 347.8

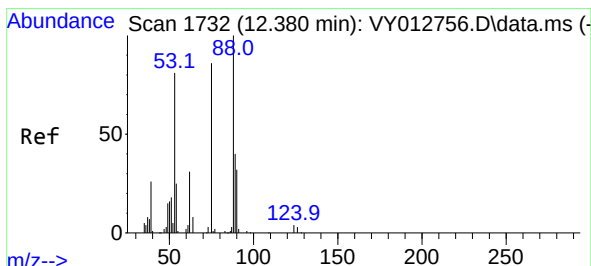
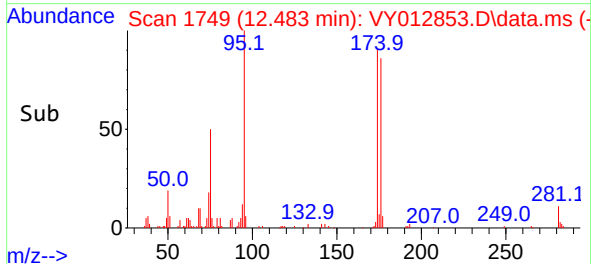
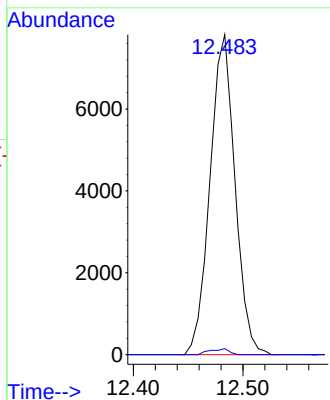
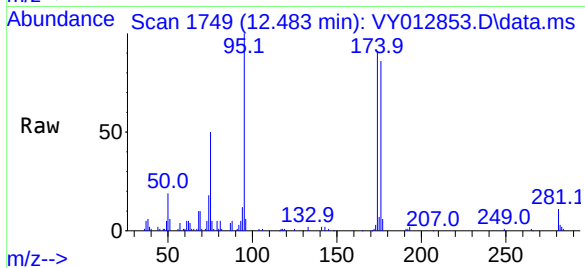




#76
1,2,3-Trichloropropane
Concen: 36.266 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

Tgt Ion: 75 Resp: 12386
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.145 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012853.D
Acq: 07 Mar 2023 18:29

Tgt Ion: 75 Resp: 12386
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

