

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012707.D
 Acq On : 23 Feb 2023 14:40
 Operator : KP/MD
 Sample : 01658-01
 Misc : 3.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QAQC-COMP-1

Quant Time: Feb 23 23:54:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

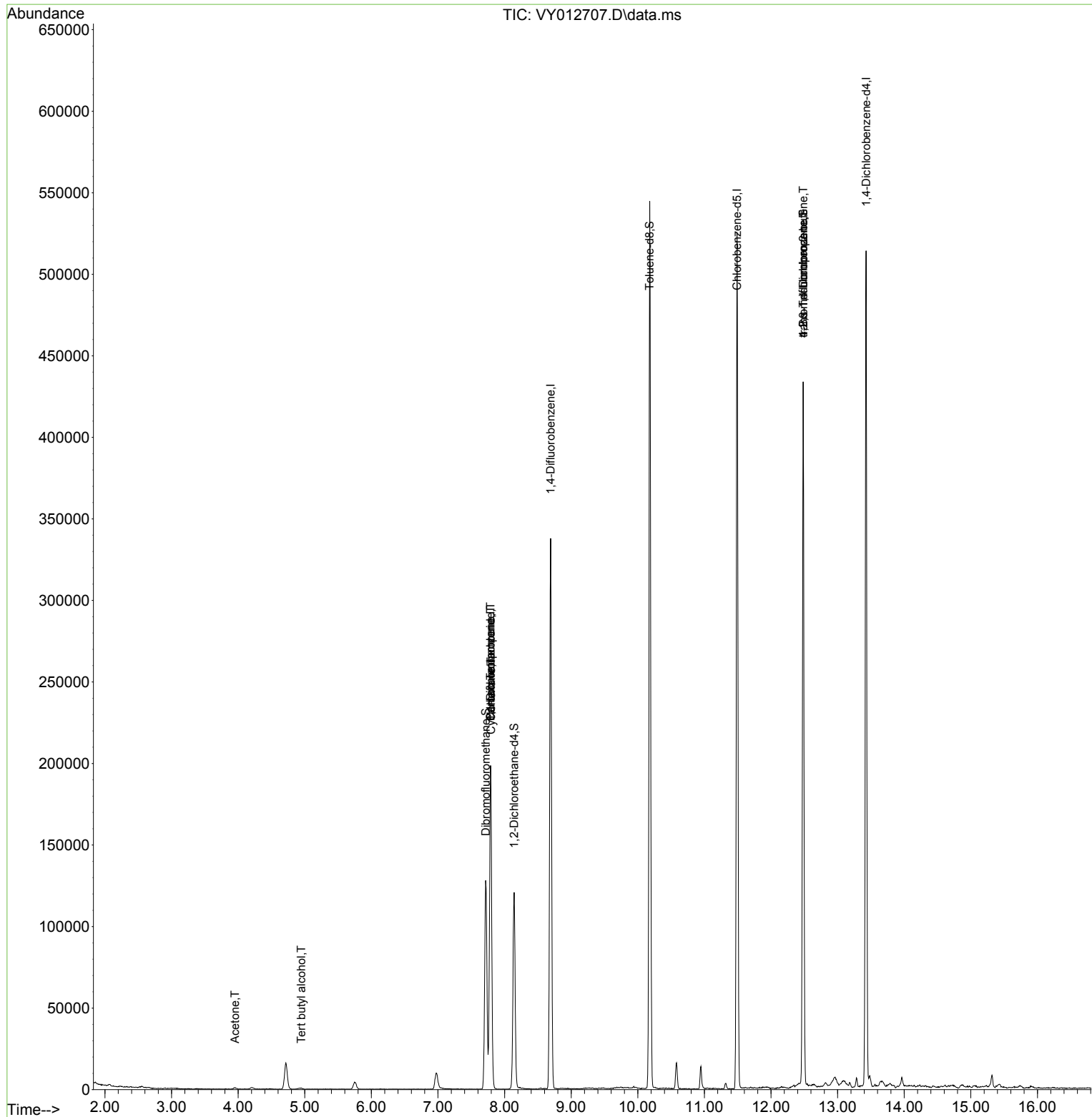
Internal Standards						
1) Pentafluorobenzene	7.789	168	153712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92235	50.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.620%	
35) Dibromofluoromethane	7.715	113	90686	48.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.220%	
50) Toluene-d8	10.178	98	339885	48.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.260%	
62) 4-Bromofluorobenzene	12.483	95	118868	52.598	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	233	Below Cal	#	82
11) Tert butyl alcohol	4.948	59	1165	5.867	ug/l #	74
16) Acetone	3.954	43	1683	2.841	ug/l	95
31) Cyclohexane	7.795	56	3393	1.076	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	11953	4.000	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14855	4.808	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	62890	39.956	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62890	84.646	ug/l #	10

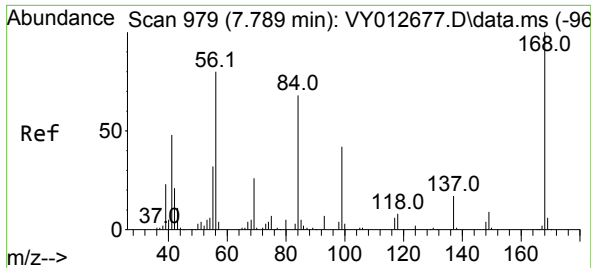
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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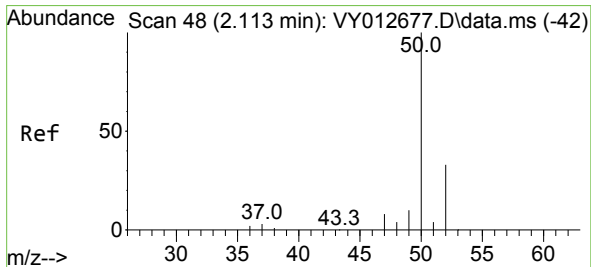
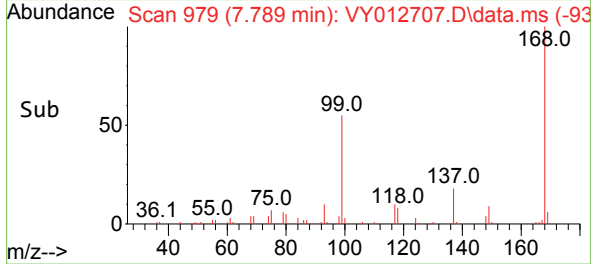
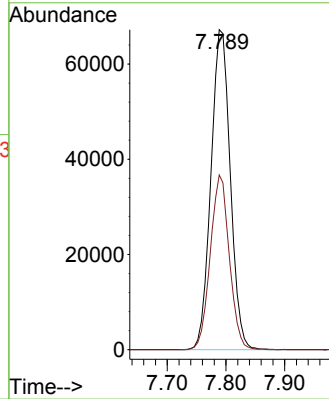
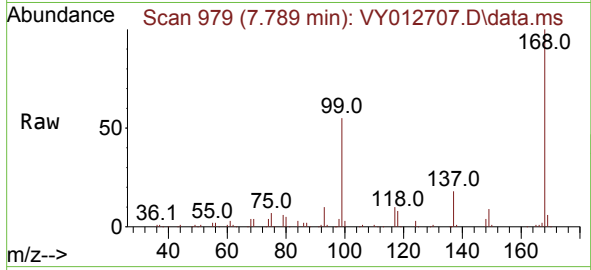




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

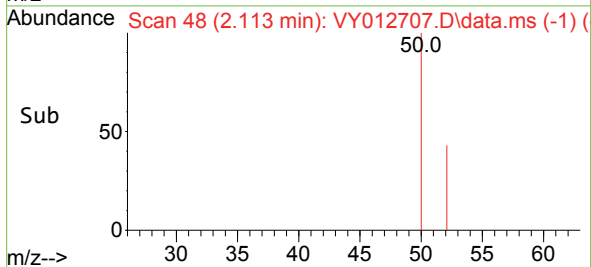
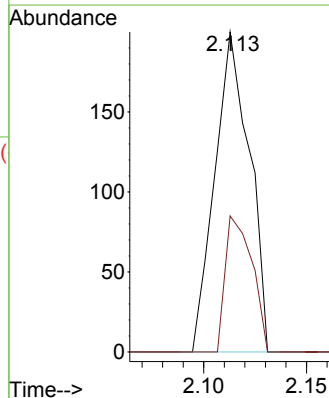
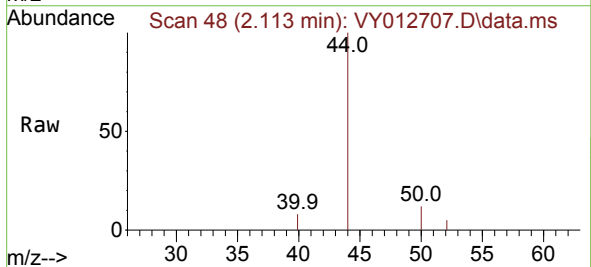
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-1

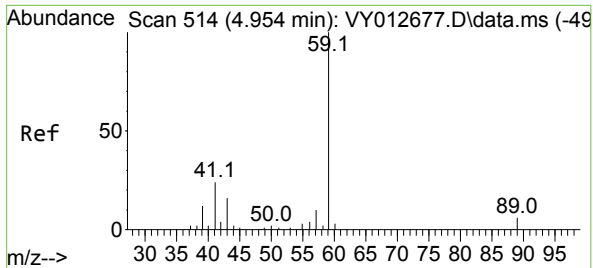
Tgt Ion:168 Resp: 153712
Ion Ratio Lower Upper
168 100
99 54.6 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

Tgt Ion: 50 Resp: 233
Ion Ratio Lower Upper
50 100
52 42.5 26.1 39.1#

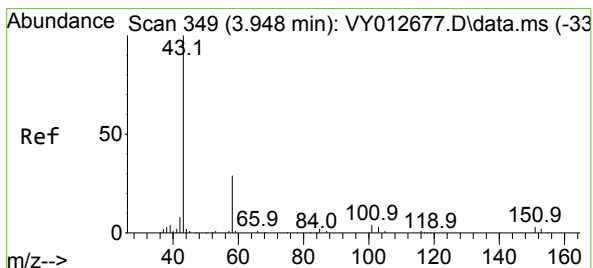
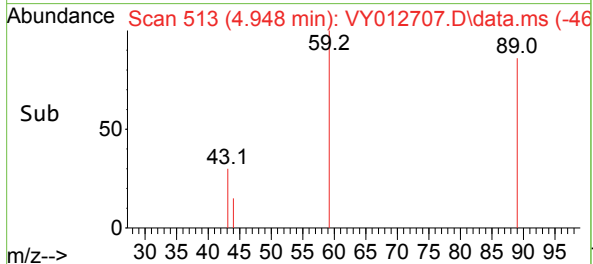
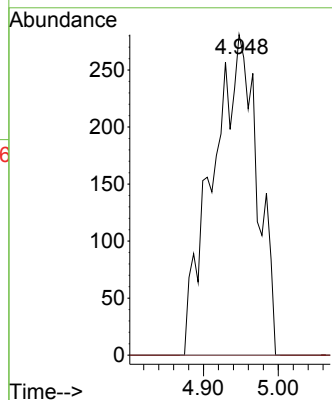
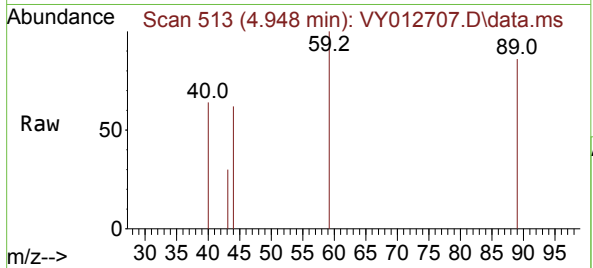




#11
Tert butyl alcohol
Concen: 5.867 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.007 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

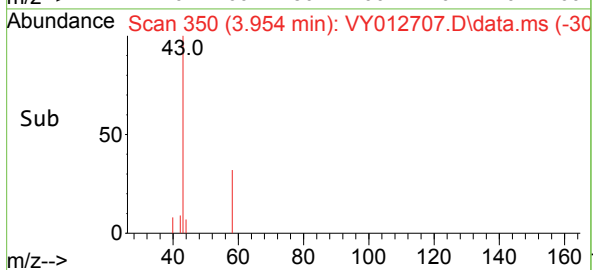
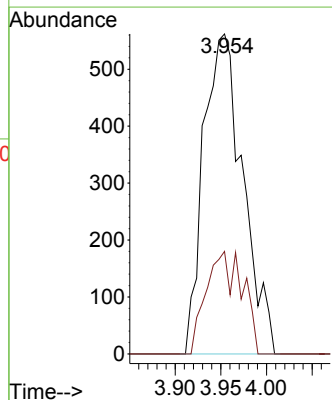
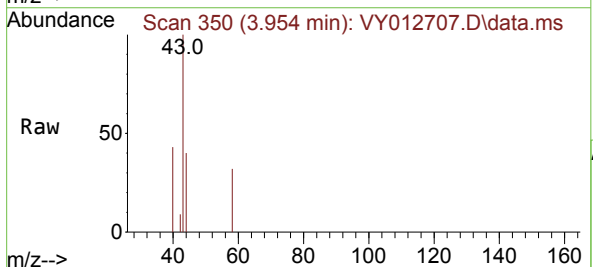
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-1

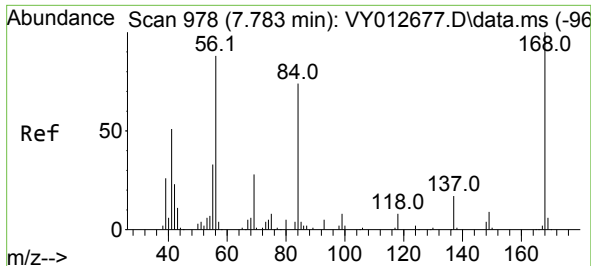
Tgt Ion: 59 Resp: 1165
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 2.841 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

Tgt Ion: 43 Resp: 1683
Ion Ratio Lower Upper
43 100
58 32.0 23.3 34.9

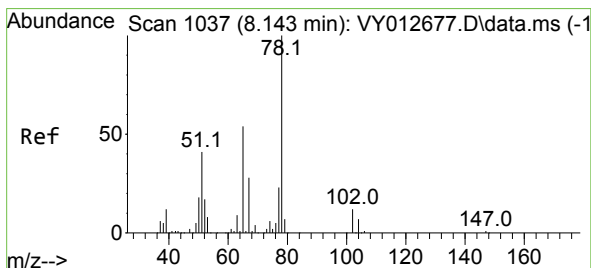
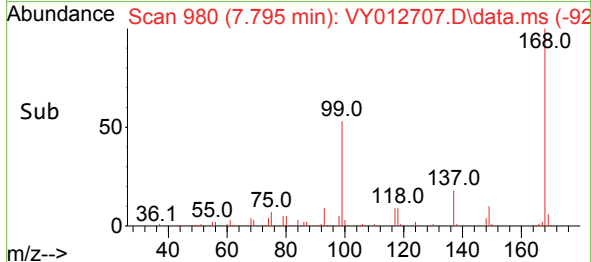
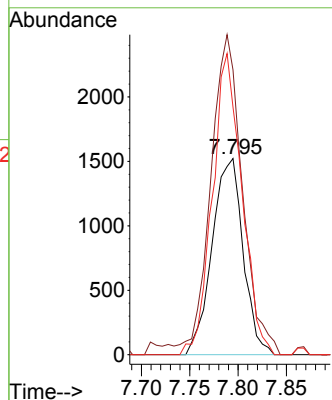
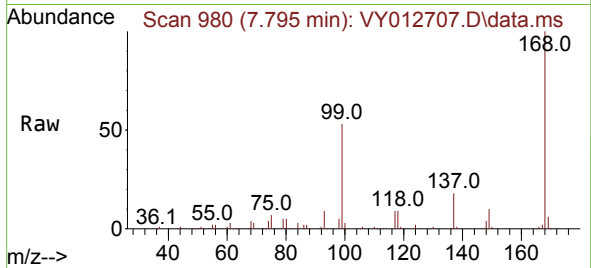




#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

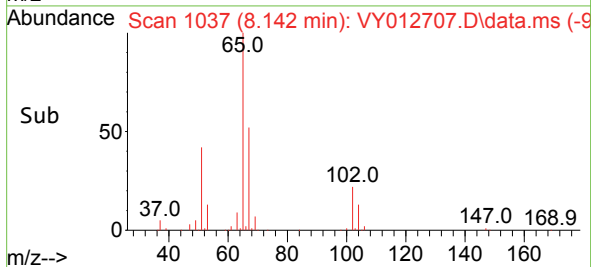
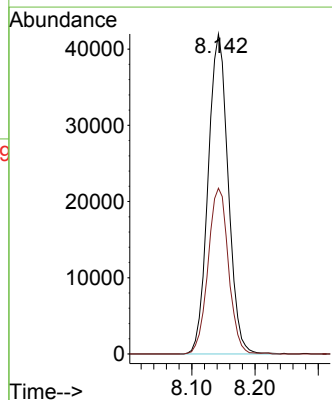
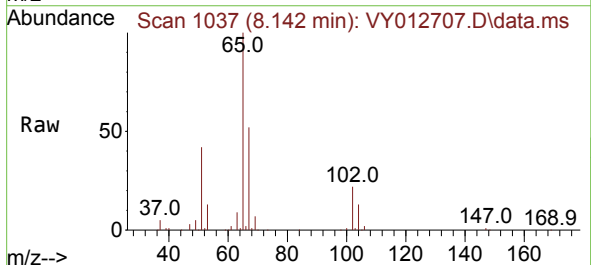
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-1

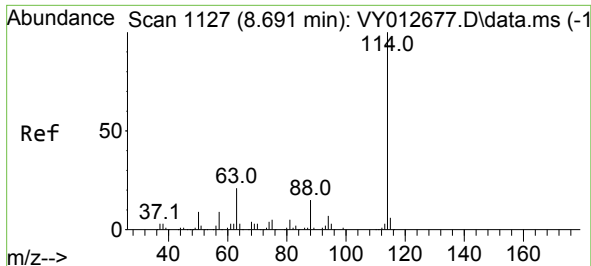
Tgt Ion: 56 Resp: 3393
Ion Ratio Lower Upper
56 100
69 145.2 25.4 38.2#
84 126.2 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 50.807 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

Tgt Ion: 65 Resp: 92235
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012707.D

Acq: 23 Feb 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

QAQC-COMP-1

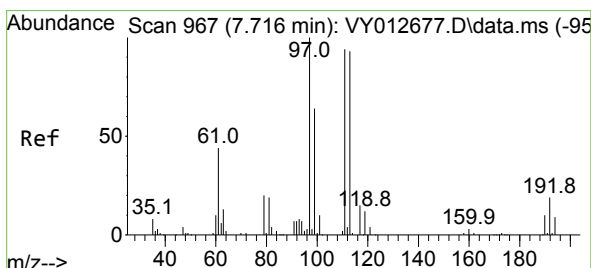
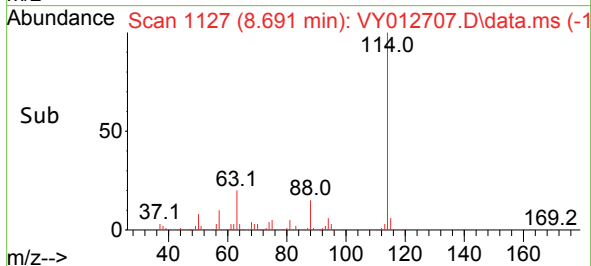
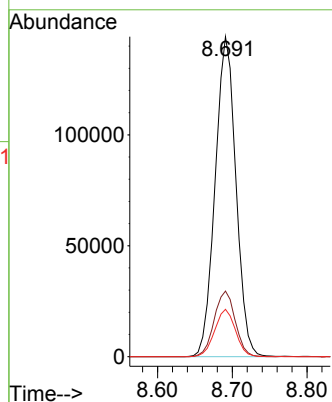
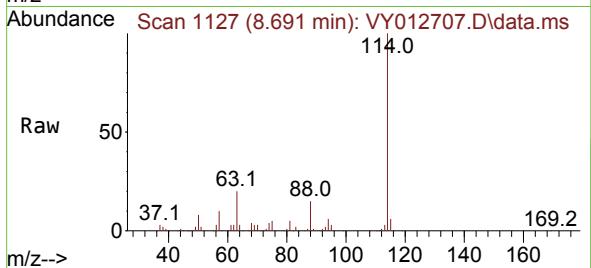
Tgt Ion:114 Resp: 279083

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 14.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.109 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012707.D

Acq: 23 Feb 2023 14:40

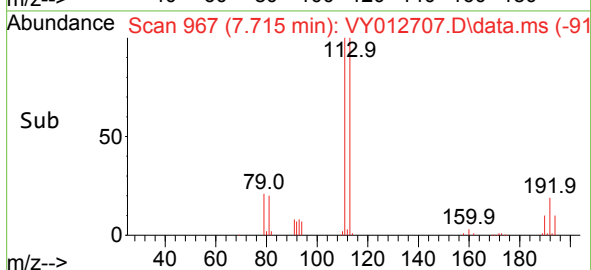
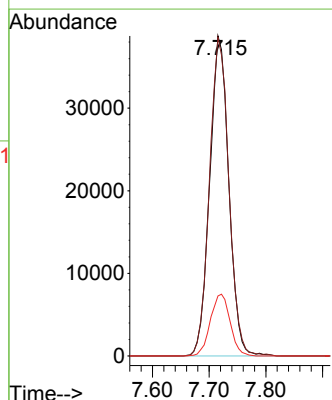
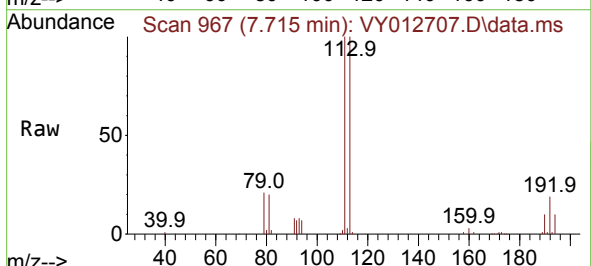
Tgt Ion:113 Resp: 90686

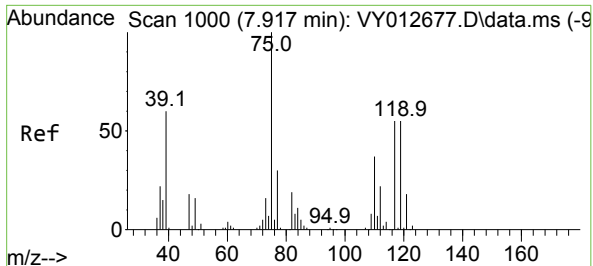
Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

192 20.0 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012707.D

Acq: 23 Feb 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

QAQC-COMP-1

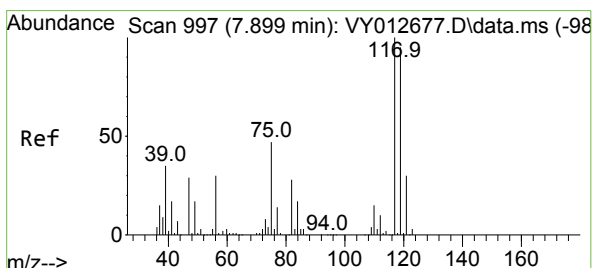
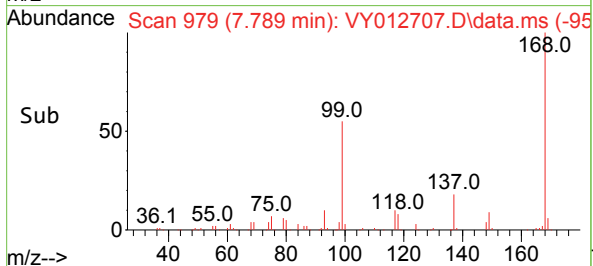
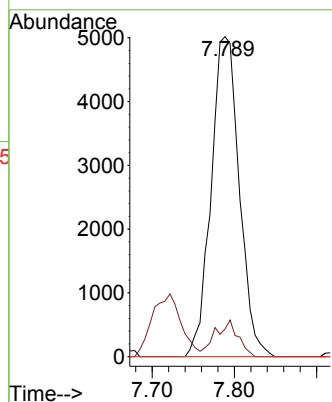
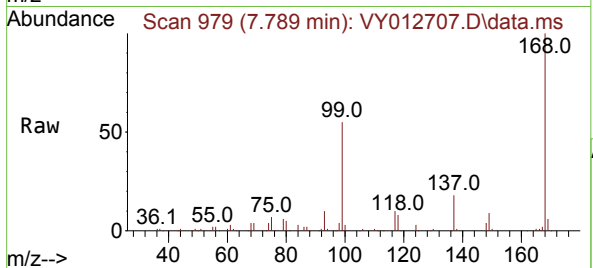
Tgt Ion: 75 Resp: 11953

Ion Ratio Lower Upper

75 100

110 9.2 17.6 52.8#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.808 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012707.D

Acq: 23 Feb 2023 14:40

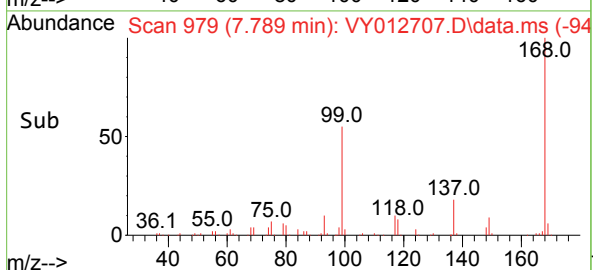
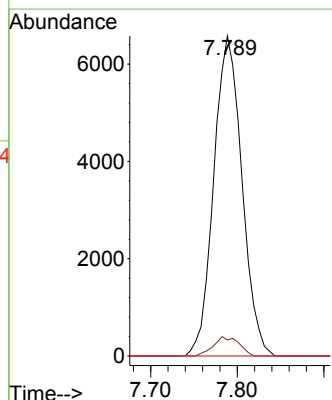
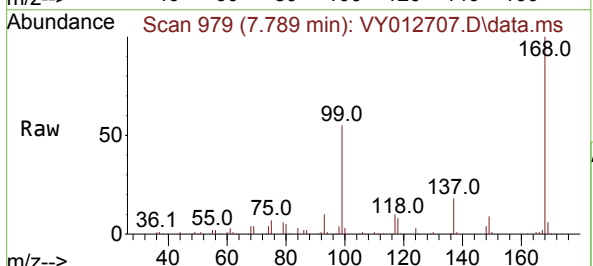
Tgt Ion: 117 Resp: 14855

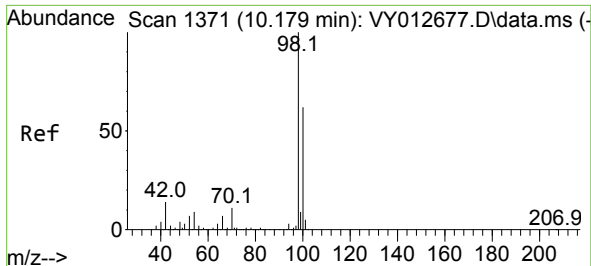
Ion Ratio Lower Upper

117 100

119 5.0 75.5 113.3#

121 0.0 23.8 35.8#

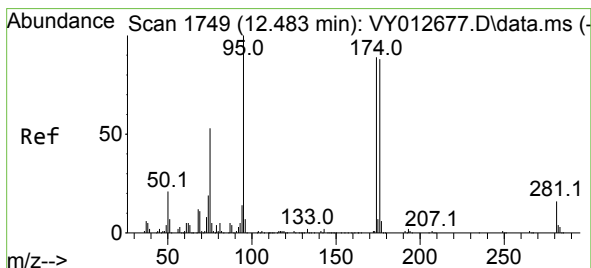
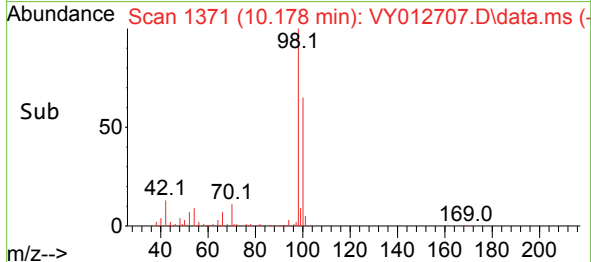
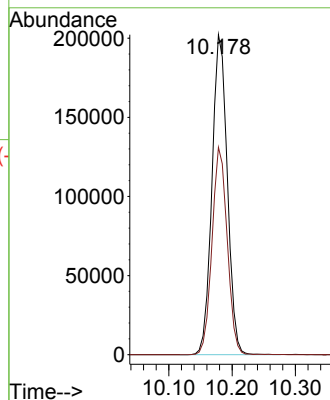
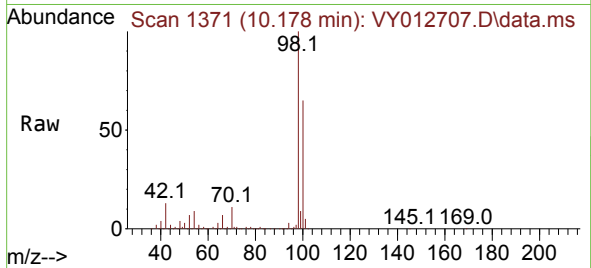




#50
Toluene-d8
Concen: 48.128 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

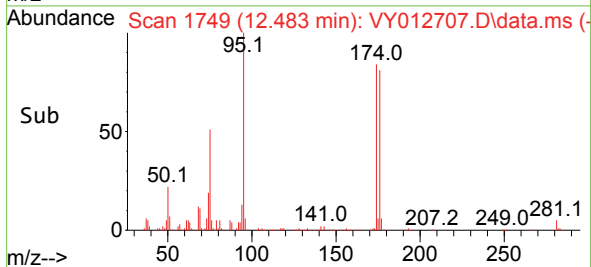
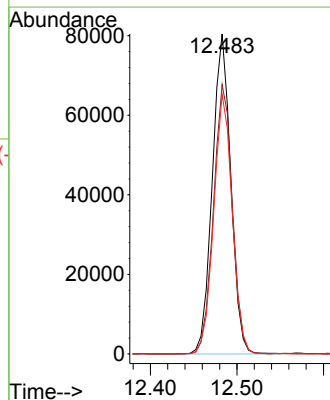
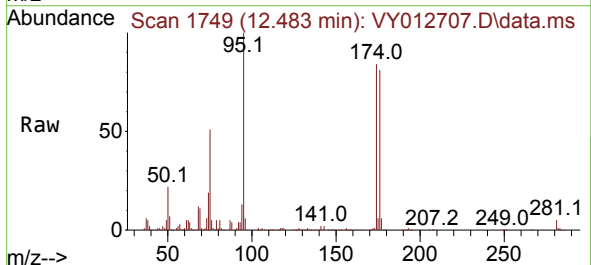
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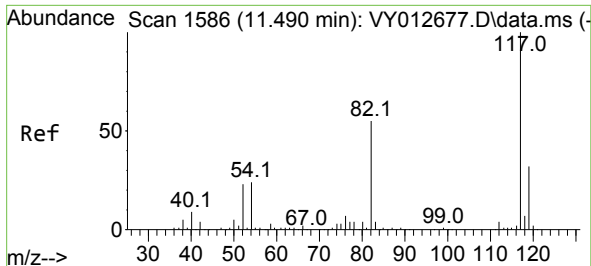
Tgt Ion: 98 Resp: 339885
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 52.598 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

Tgt Ion: 95 Resp: 118868
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.8
176 81.5 0.0 169.4

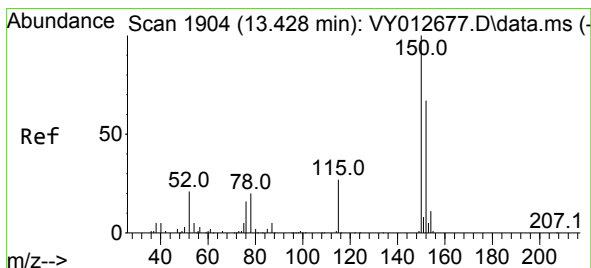
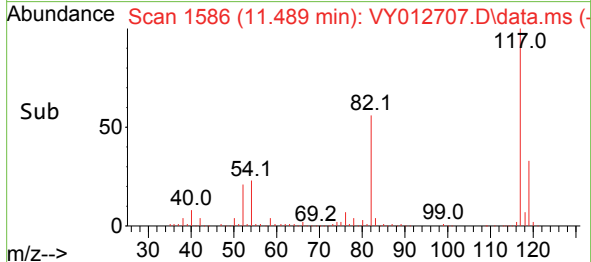
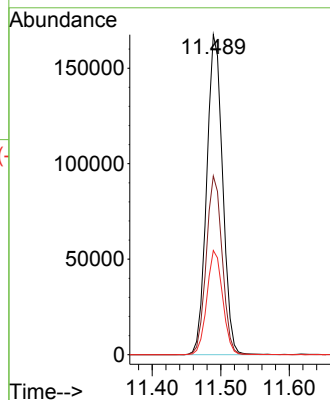
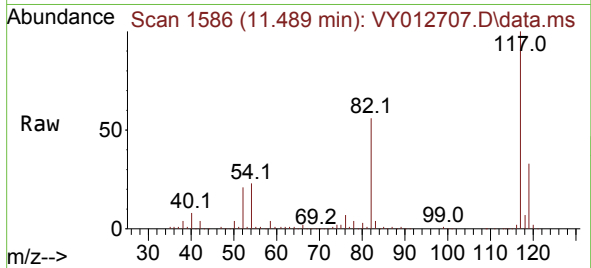




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

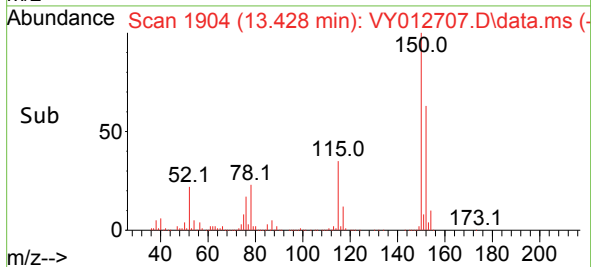
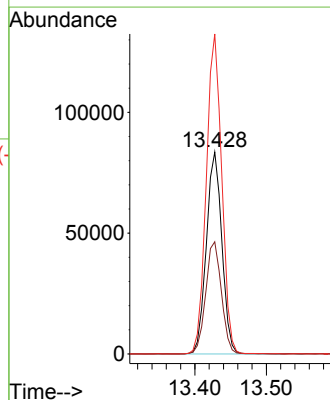
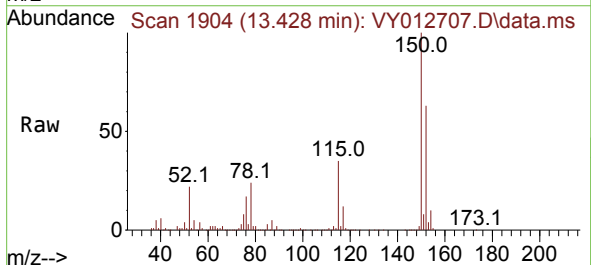
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-1

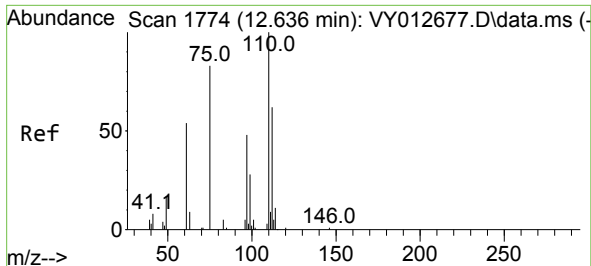
Tgt Ion:117 Resp: 270880
Ion Ratio Lower Upper
117 100
82 55.8 44.1 66.1
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

Tgt Ion:152 Resp: 126255
Ion Ratio Lower Upper
152 100
115 55.9 28.7 86.3
150 157.6 0.0 347.6

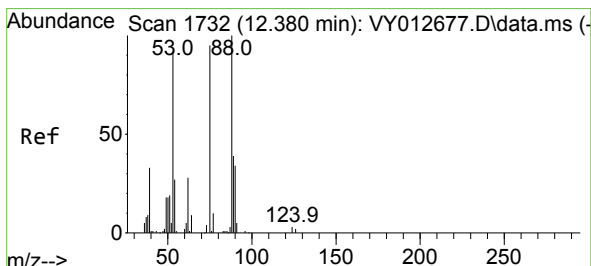
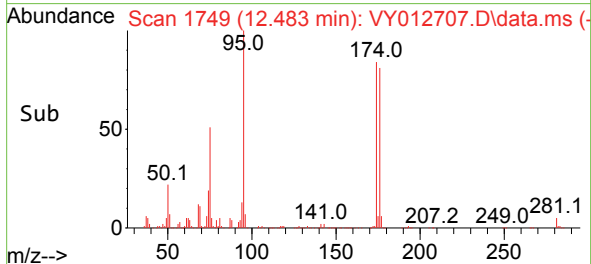
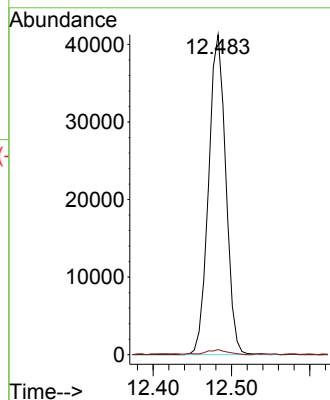
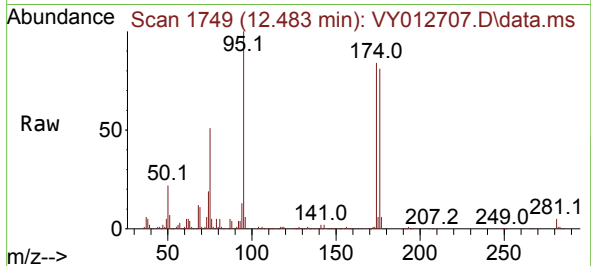




#76
1,2,3-Trichloropropane
Concen: 39.956 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-1

Tgt Ion: 75 Resp: 62890
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.646 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012707.D
Acq: 23 Feb 2023 14:40

Tgt Ion: 75 Resp: 62890
Ion Ratio Lower Upper
75 100
53 0.2 80.4 120.6#
89 0.0 36.5 54.7#

