

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
 Data File : VY012709.D
 Acq On : 23 Feb 2023 17:08
 Operator : KP/MD
 Sample : 01659-01
 Misc : 2.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QAQC-COMP-2

Quant Time: Feb 23 23:55:26 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)

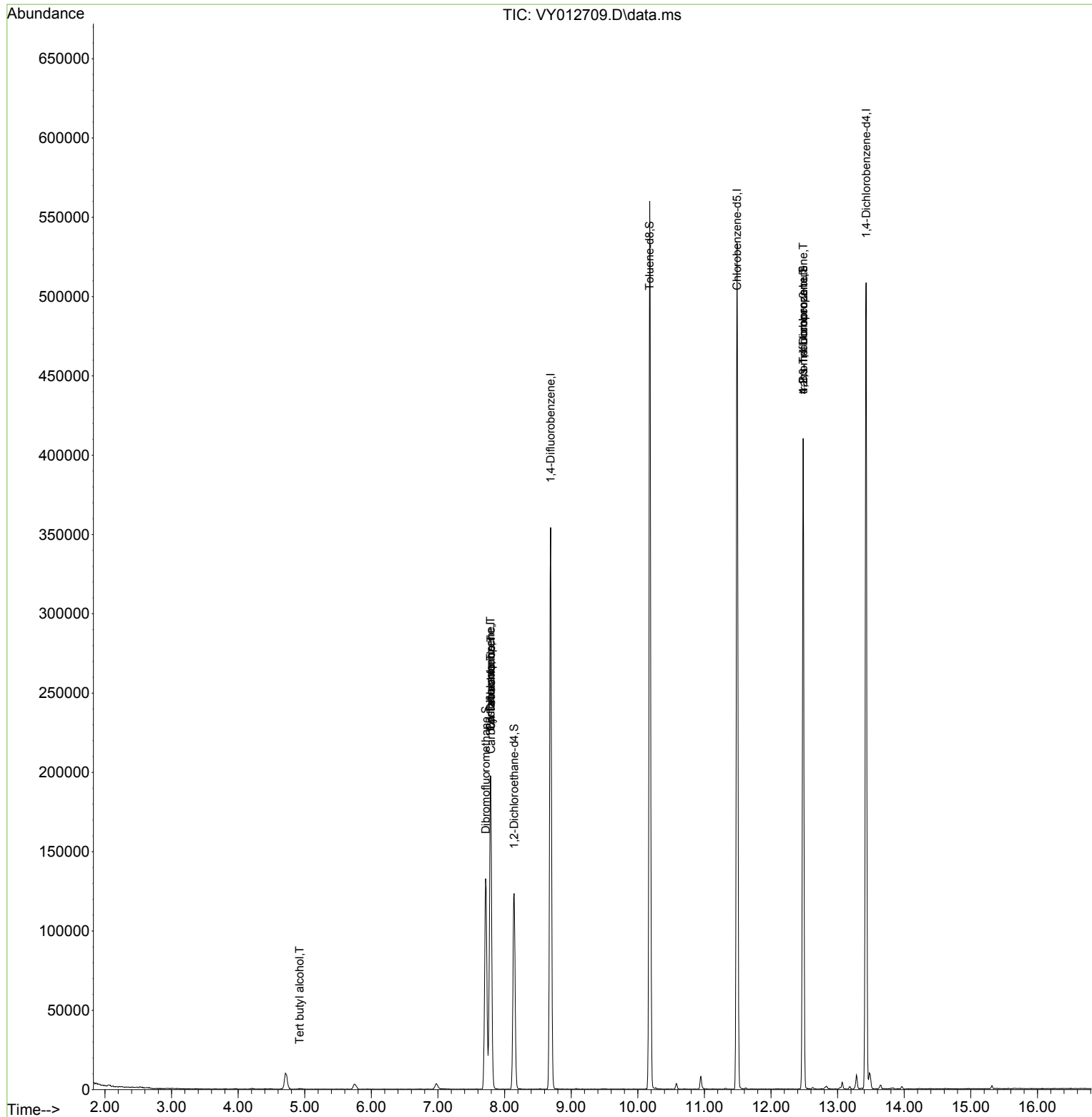
Internal Standards						
1) Pentafluorobenzene	7.789	168	153173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	274833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95826	52.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.940%	
35) Dibromofluoromethane	7.716	113	92288	48.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.000%	
50) Toluene-d8	10.179	98	346195	48.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.120%	
62) 4-Bromofluorobenzene	12.483	95	116681	50.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	218	Below Cal	#	42
11) Tert butyl alcohol	4.924	59	228	1.152	ug/l #	74
20) Methylene Chloride	4.716	84	7155	Below Cal	#	91
31) Cyclohexane	7.789	56	3501	1.114	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	12542	4.115	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14711	4.669	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	62586	39.081	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62586	82.792	ug/l #	10

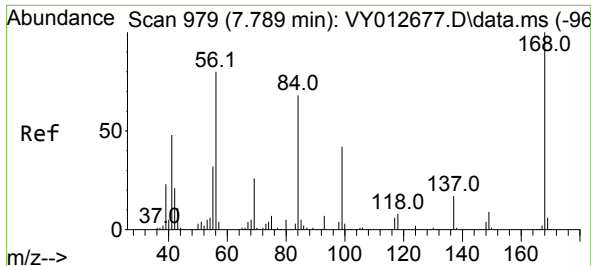
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022323\
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Misc : 2.05g/5.0mL/MSVOA_Y/SOIL
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MSVOA_Y
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QAQC-COMP-2

Quant Time: Feb 23 23:55:26 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

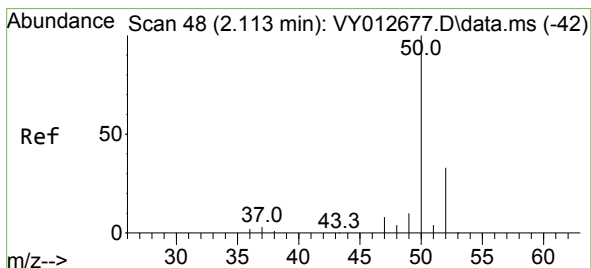
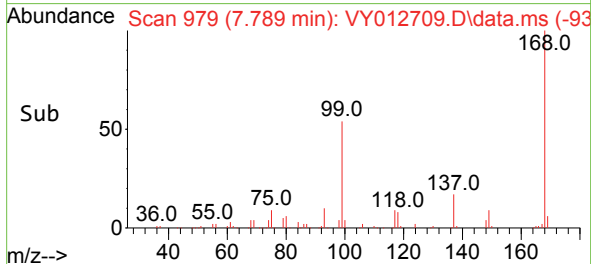
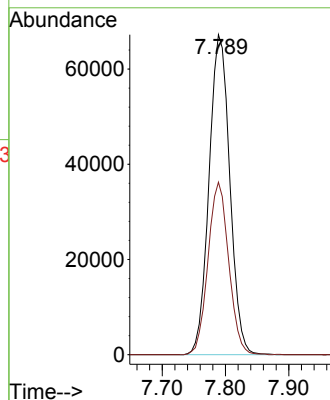
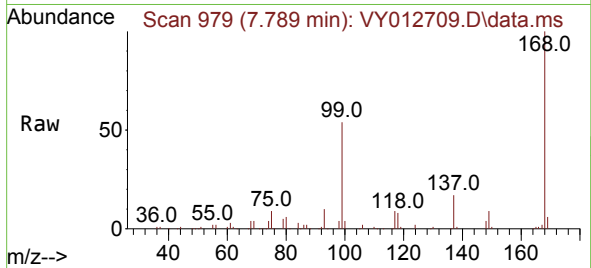




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

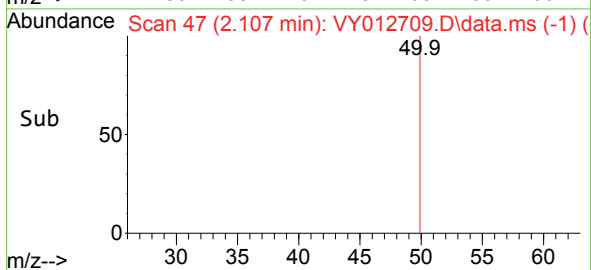
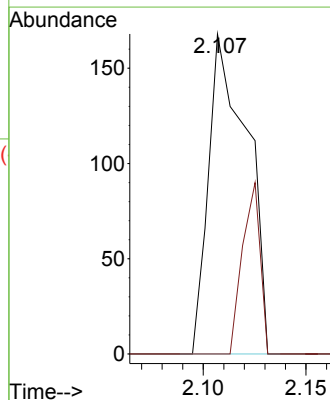
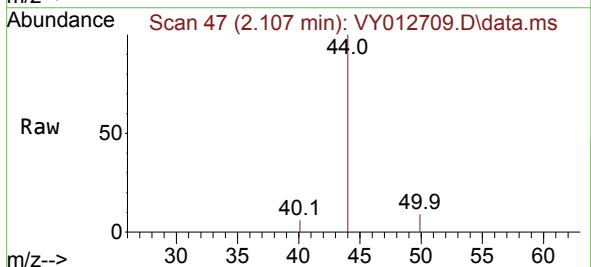
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-2

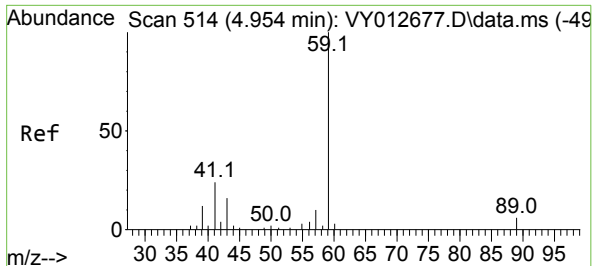
Tgt Ion:168 Resp: 153173
Ion Ratio Lower Upper
168 100
99 53.9 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Tgt Ion: 50 Resp: 218
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

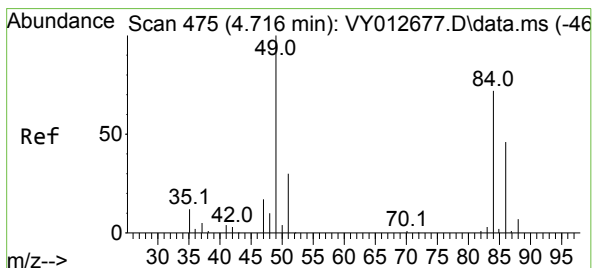
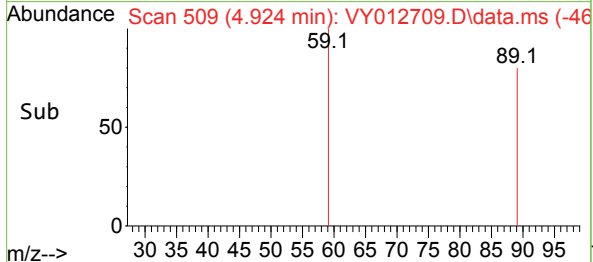
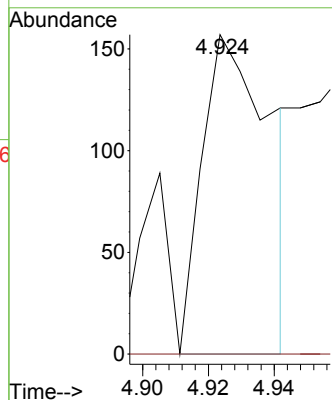
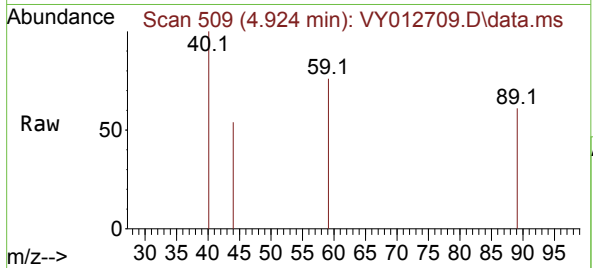




#11
Tert butyl alcohol
Concen: 1.152 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.031 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

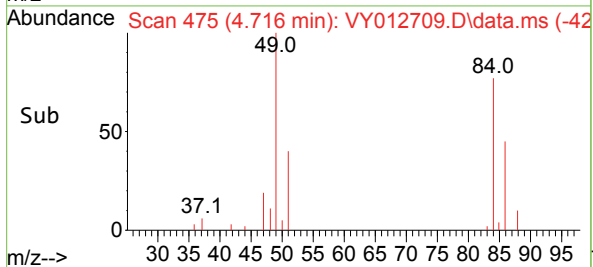
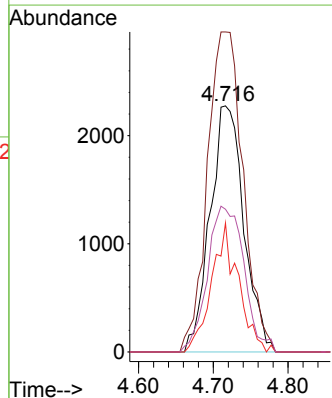
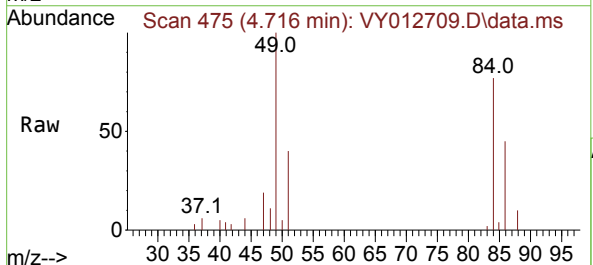
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-2

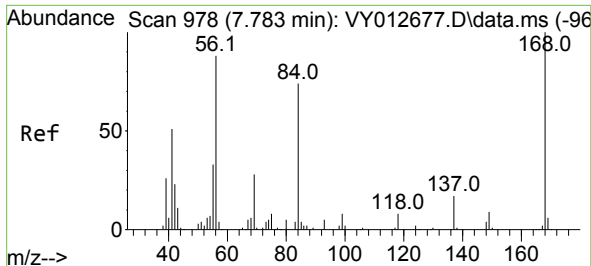
Tgt Ion: 59 Resp: 228
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

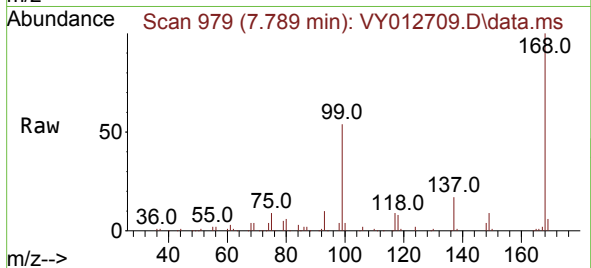
Tgt Ion: 84 Resp: 7155
Ion Ratio Lower Upper
84 100
49 130.0 111.1 166.7
51 52.4 33.5 50.3#
86 58.0 50.8 76.2



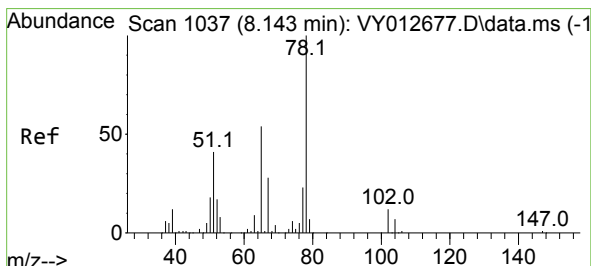
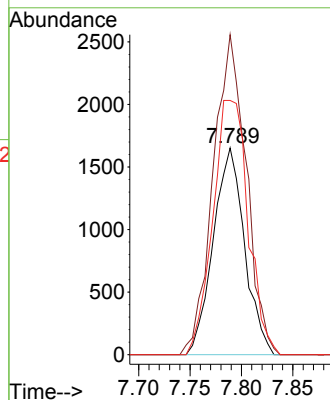
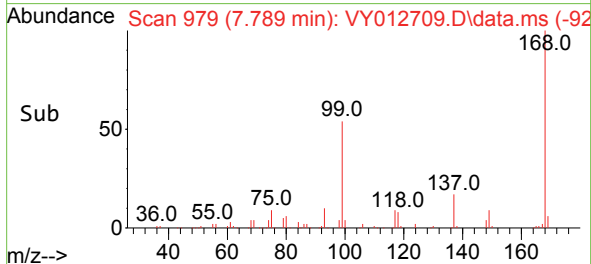


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-2

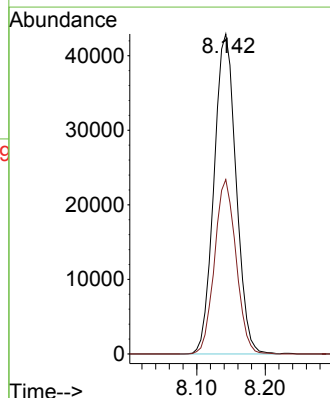
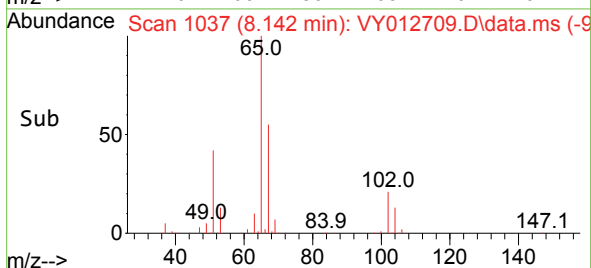
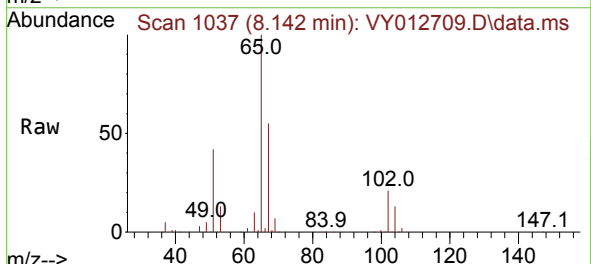


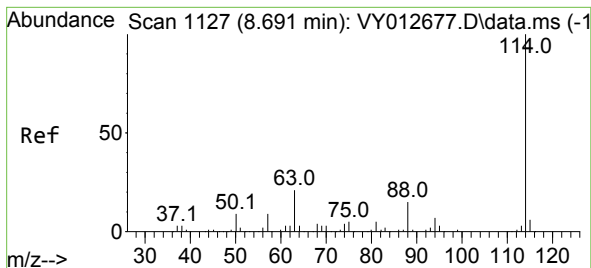
Tgt Ion: 56 Resp: 3501
Ion Ratio Lower Upper
56 100
69 154.8 25.4 38.2#
84 123.0 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 52.971 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Tgt Ion: 65 Resp: 95826
Ion Ratio Lower Upper
65 100
67 53.1 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: VY012709.D

Acq: 23 Feb 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

QAQC-COMP-2

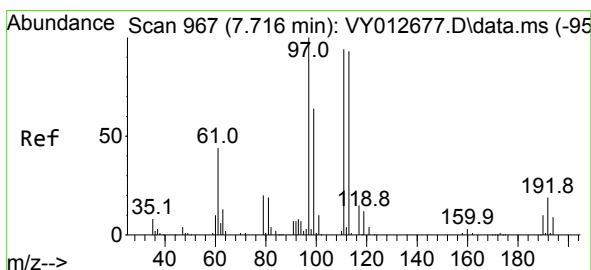
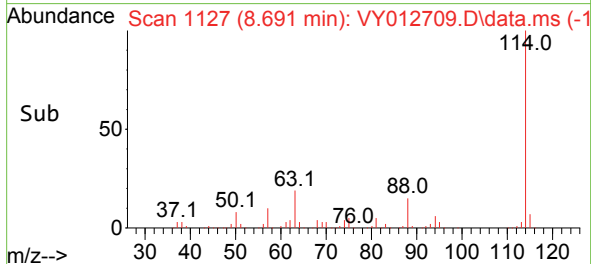
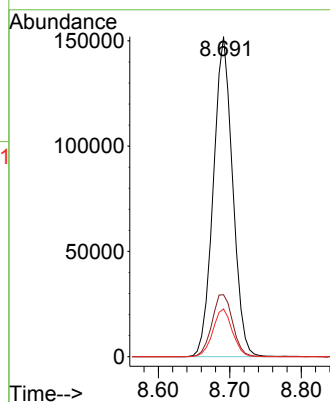
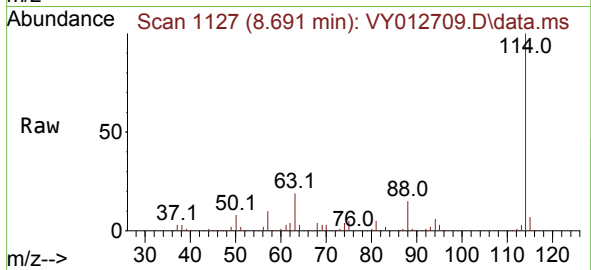
Tgt Ion:114 Resp: 284649

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

88 14.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.001 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012709.D

Acq: 23 Feb 2023 17:08

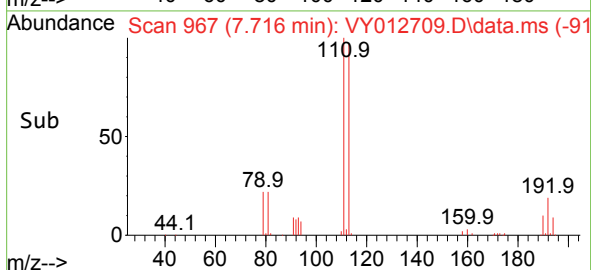
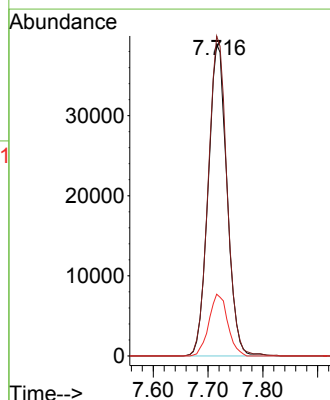
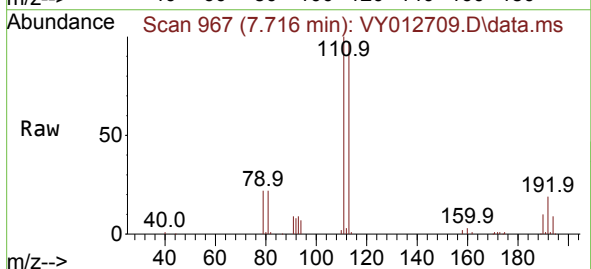
Tgt Ion:113 Resp: 92288

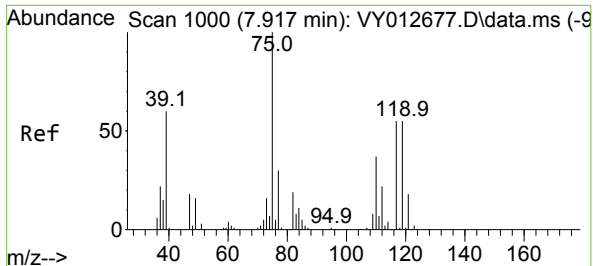
Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

192 19.9 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.115 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012709.D

Acq: 23 Feb 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

QAQC-COMP-2

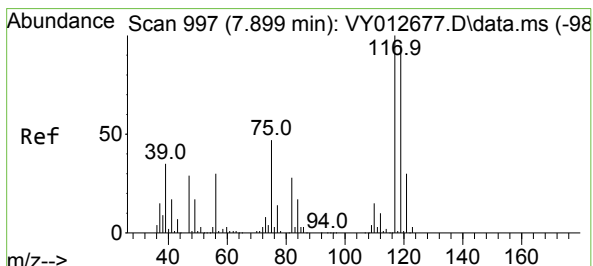
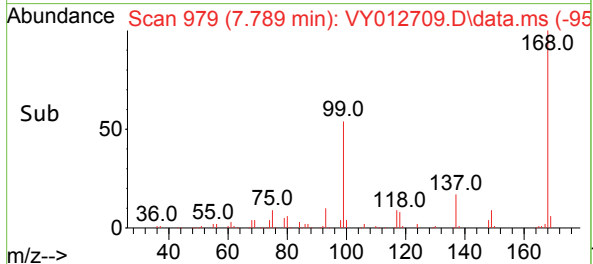
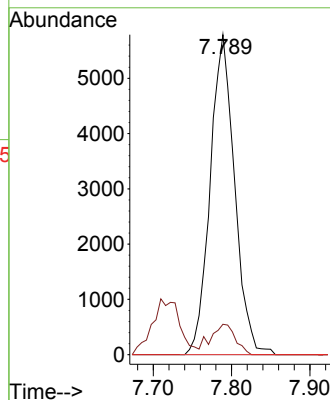
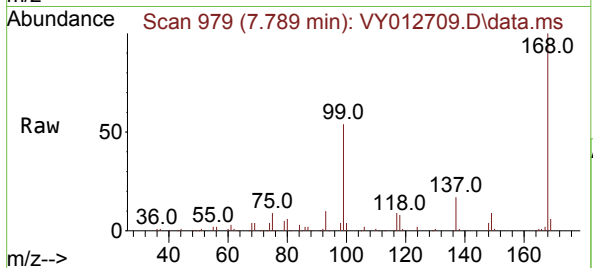
Tgt Ion: 75 Resp: 12542

Ion Ratio Lower Upper

75 100

110 9.5 17.6 52.8#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.669 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY012709.D

Acq: 23 Feb 2023 17:08

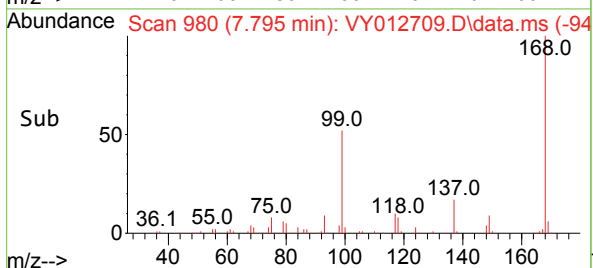
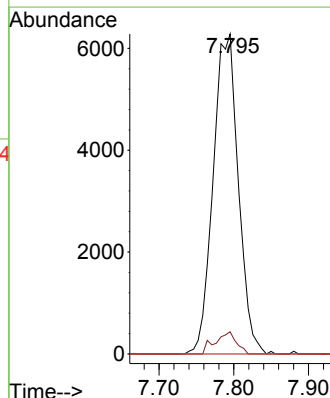
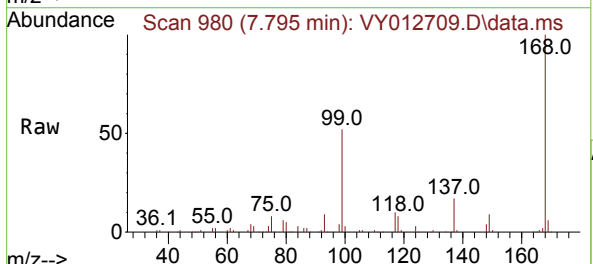
Tgt Ion: 117 Resp: 14711

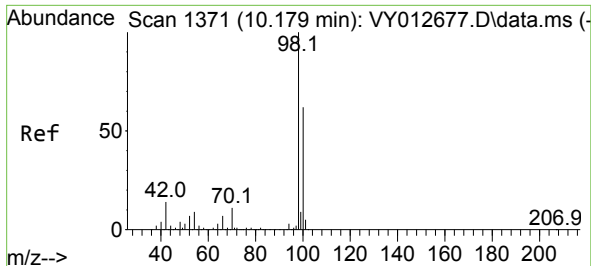
Ion Ratio Lower Upper

117 100

119 7.0 75.5 113.3#

121 0.0 23.8 35.8#

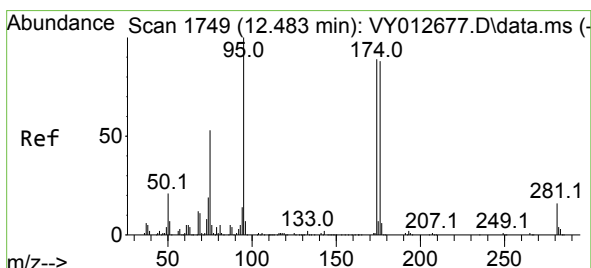
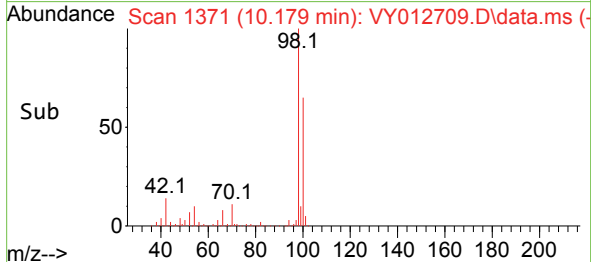
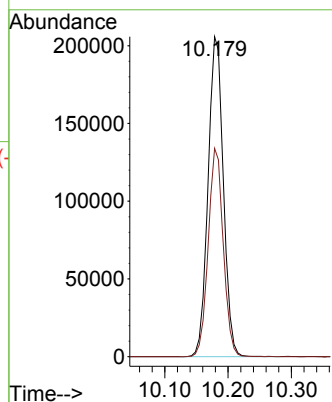
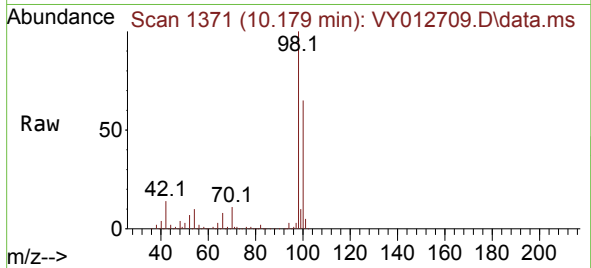




#50
Toluene-d8
Concen: 48.063 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

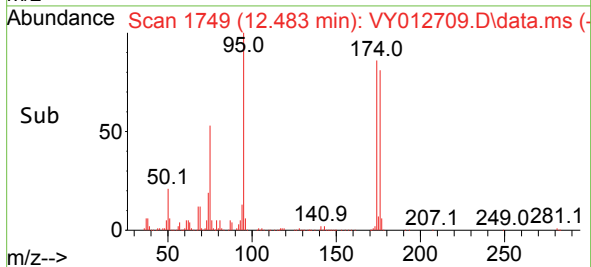
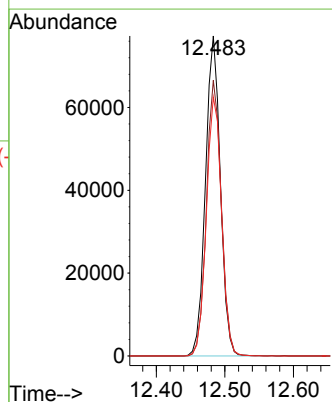
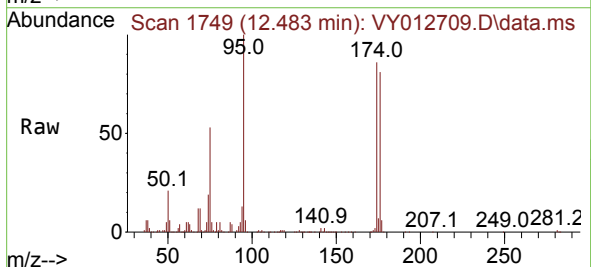
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QAQC-COMP-2

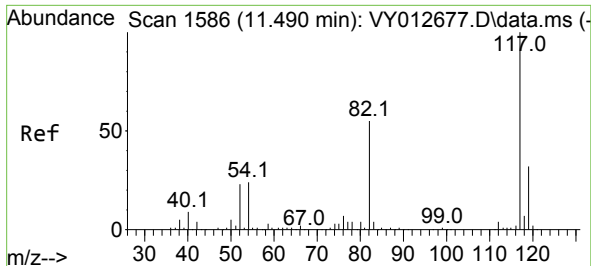
Tgt Ion: 98 Resp: 346195
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 50.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Tgt Ion: 95 Resp: 116681
Ion Ratio Lower Upper
95 100
174 86.5 0.0 172.8
176 82.9 0.0 169.4

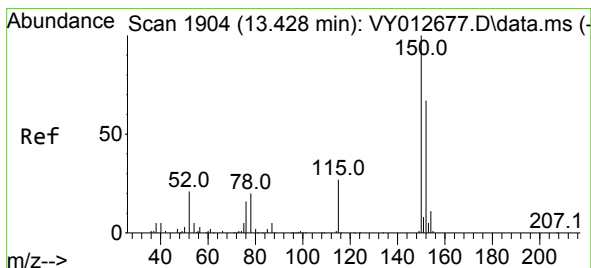
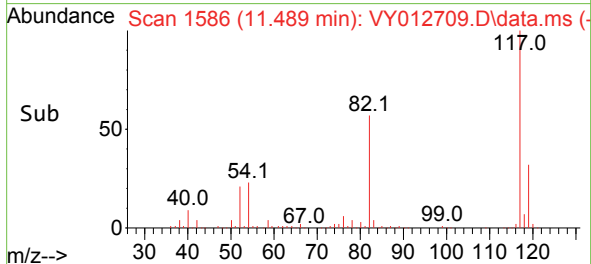
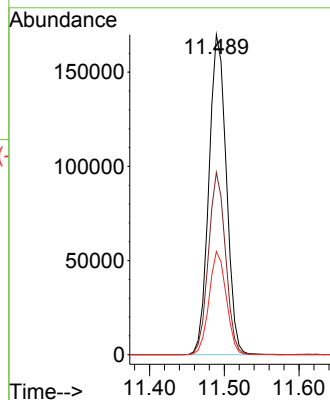
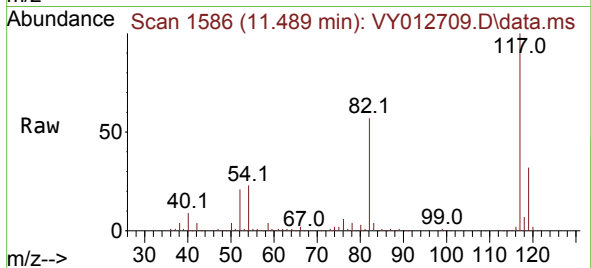




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

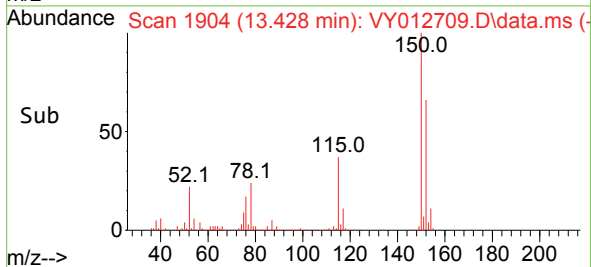
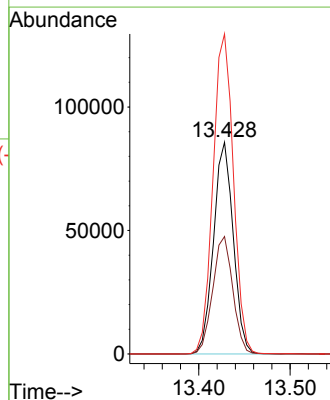
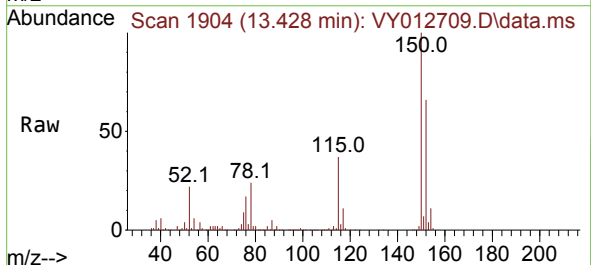
Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-2

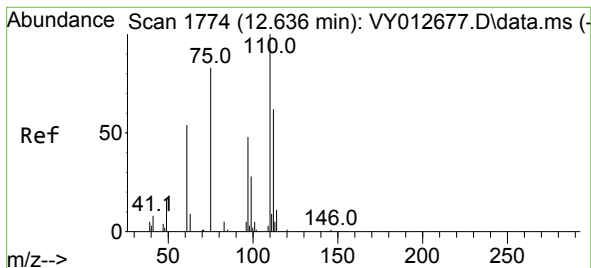
Tgt Ion:117 Resp: 274833
Ion Ratio Lower Upper
117 100
82 56.9 44.1 66.1
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Tgt Ion:152 Resp: 128459
Ion Ratio Lower Upper
152 100
115 56.6 28.7 86.3
150 156.4 0.0 347.6

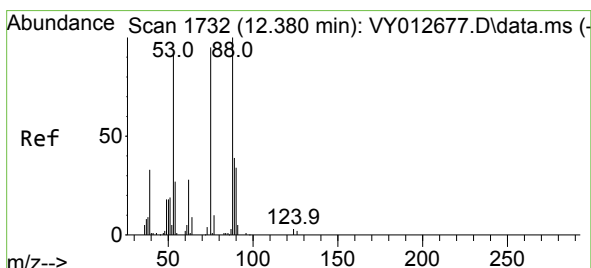
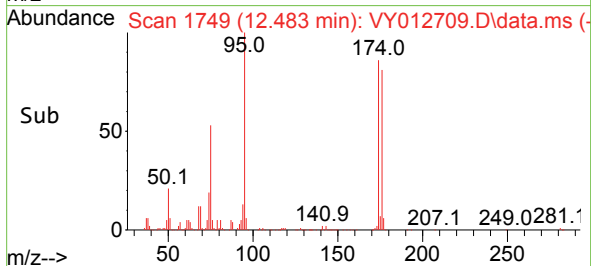
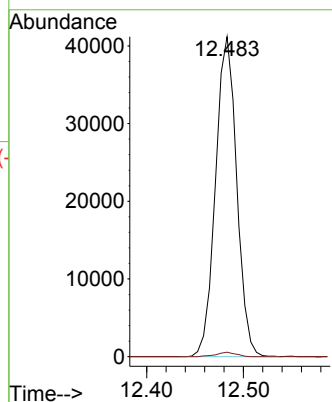
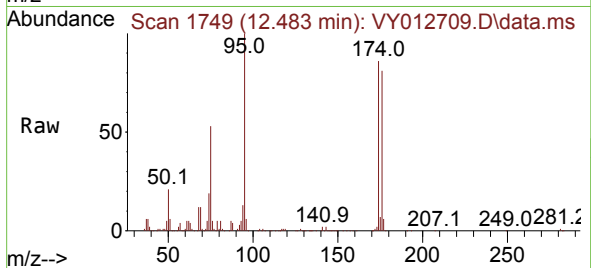




#76
1,2,3-Trichloropropane
Concen: 39.081 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Instrument :
MSVOA_Y
ClientSampleId :
QAQC-COMP-2

Tgt Ion: 75 Resp: 62586
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.792 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012709.D
Acq: 23 Feb 2023 17:08

Tgt Ion: 75 Resp: 62586
Ion Ratio Lower Upper
75 100
53 0.2 80.4 120.6#
89 0.0 36.5 54.7#

