

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012869.D
 Acq On : 08 Mar 2023 14:28
 Operator : KP/MD
 Sample : 01825-05RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP3-0306RE

Quant Time: Mar 09 00:36:28 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)

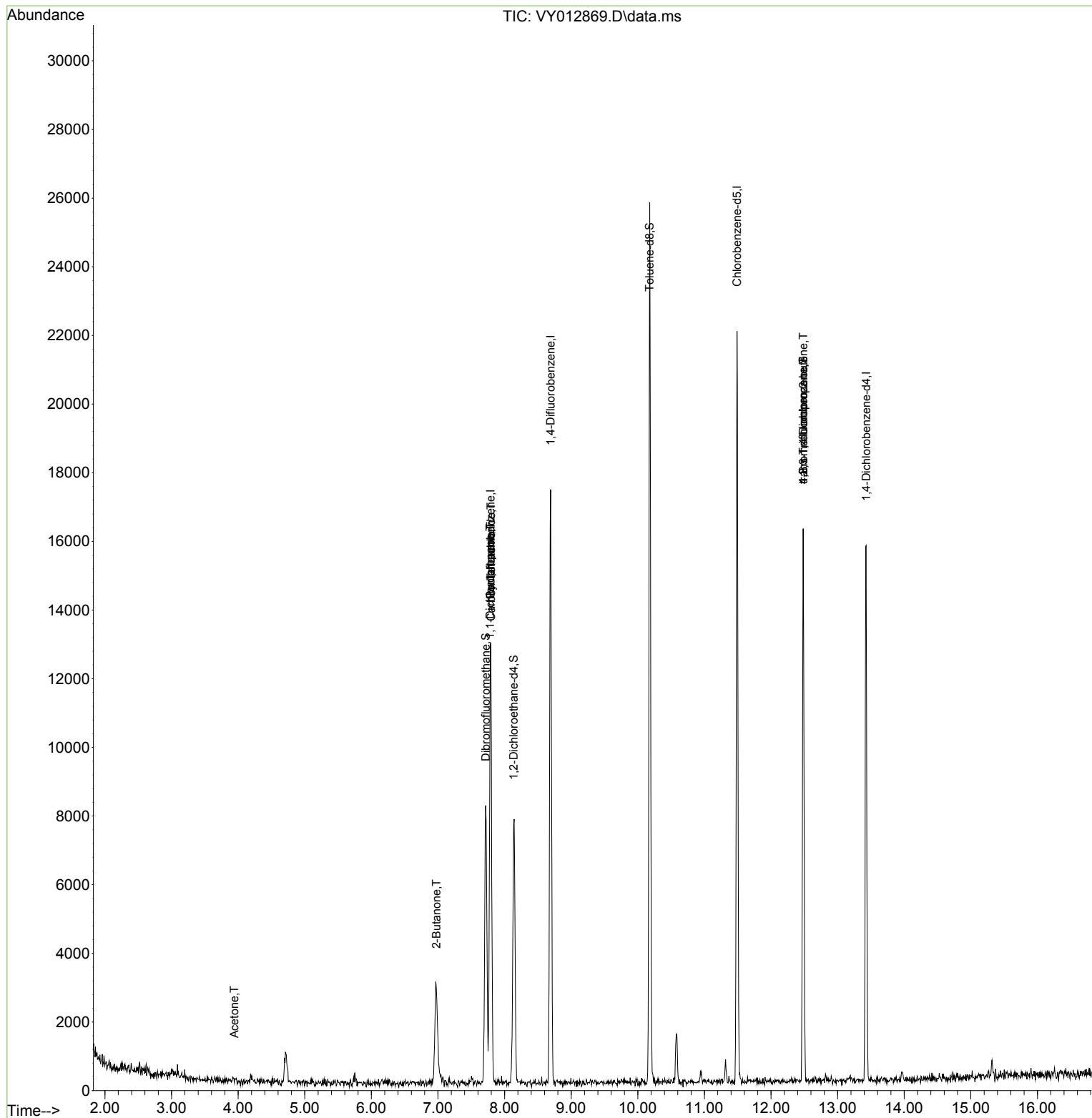
Internal Standards						
1) Pentafluorobenzene	7.789	168	10166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6019	59.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.260%	
35) Dibromofluoromethane	7.716	113	5908	66.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.400%	
50) Toluene-d8	10.179	98	16906	51.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	12.483	95	4174	37.901	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.800%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	208	5.250	ug/l #	44
20) Methylene Chloride	4.710	84	349	Below Cal	#	88
25) 2-Butanone	6.978	43	72	1.467	ug/l #	49
31) Cyclohexane	7.789	56	232	1.200	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	856	5.723	ug/l #	41
38) Carbon Tetrachloride	7.795	117	973	6.300	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2356	43.011	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2356	89.121	ug/l #	13

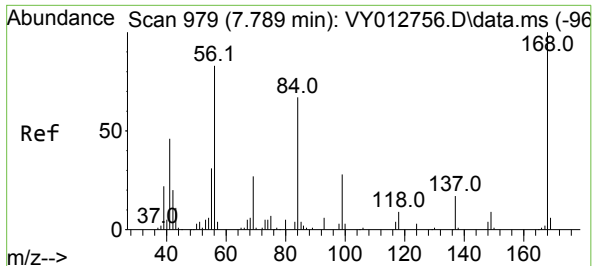
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
Data File : VY012869.D
Acq On : 08 Mar 2023 14:28
Operator : KP/MD
Sample : 01825-05RE
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306RE

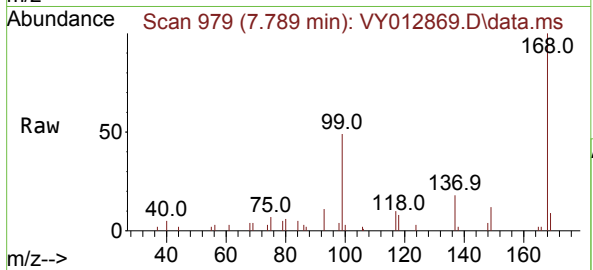
Quant Time: Mar 09 00:36:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



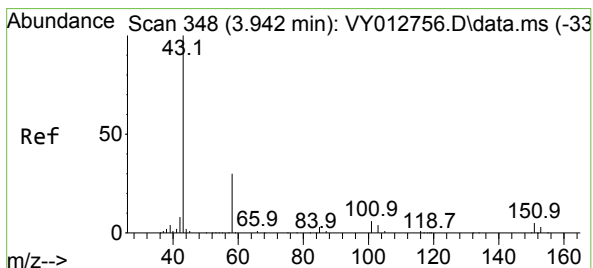
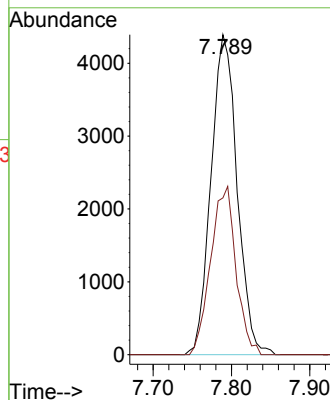
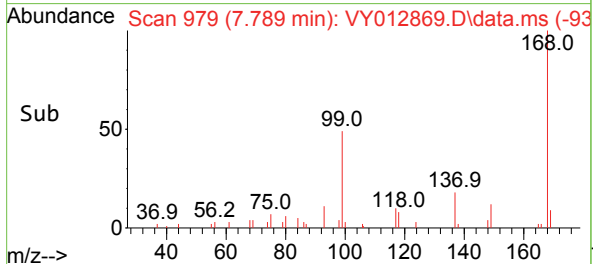


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306RE

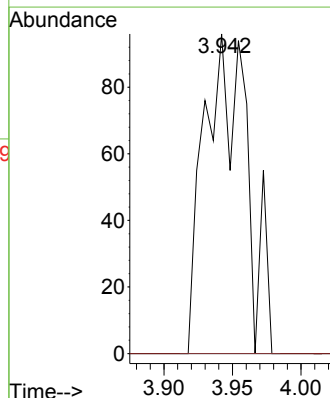
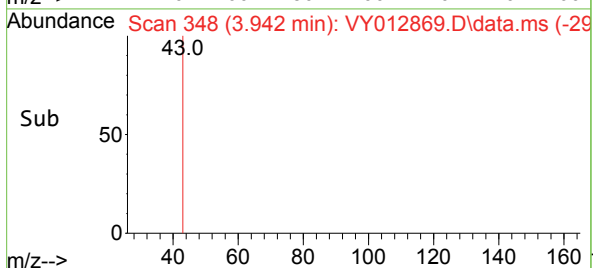
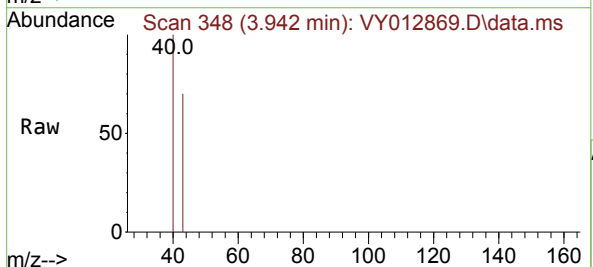


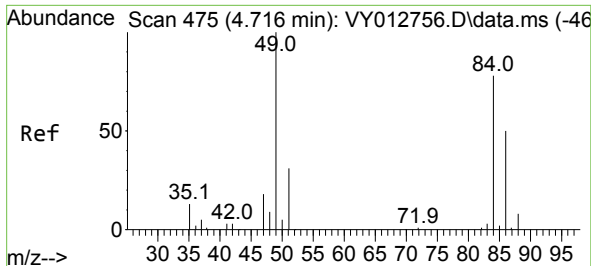
Tgt Ion:168 Resp: 10166
Ion Ratio Lower Upper
168 100
99 49.0 41.7 62.5



#16
Acetone
Concen: 5.250 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

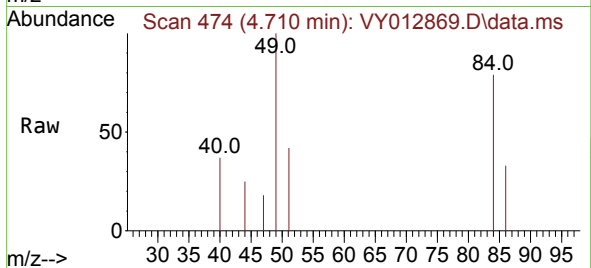
Tgt Ion: 43 Resp: 208
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



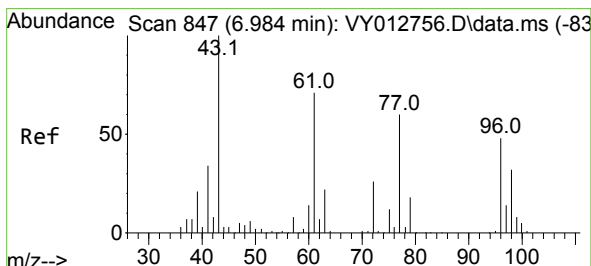
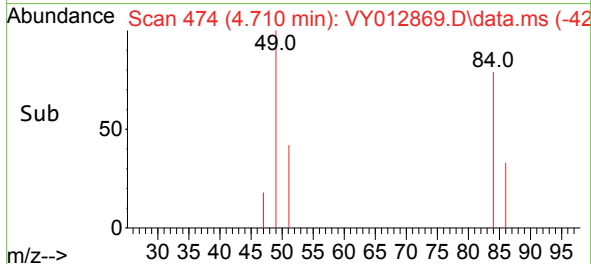
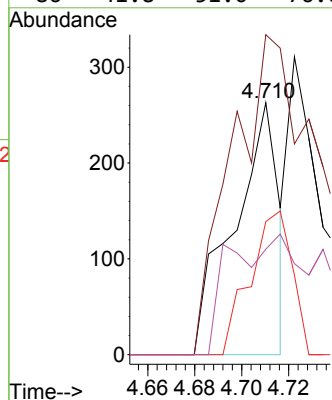


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306RE

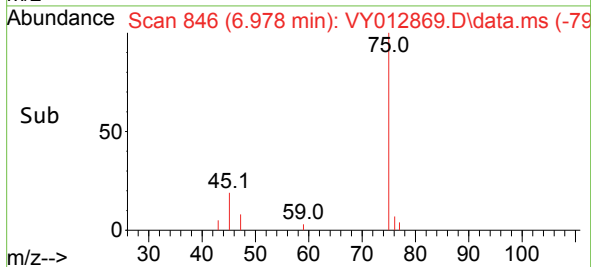
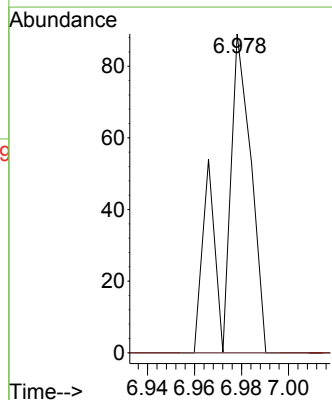
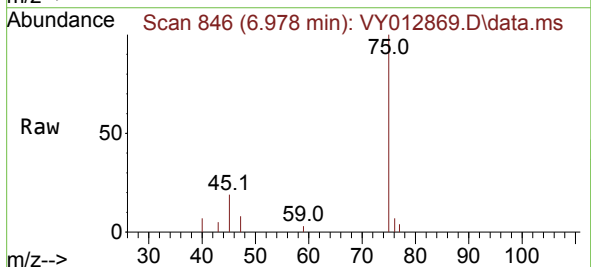


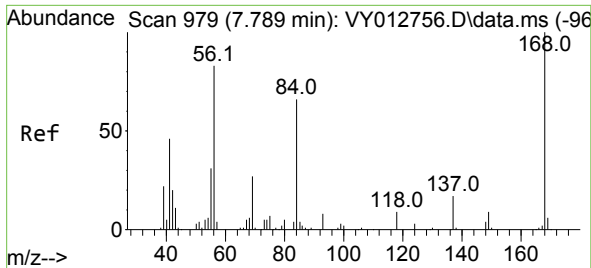
Tgt Ion: 84 Resp: 349
Ion Ratio Lower Upper
84 100
49 127.0 102.6 154.0
51 52.9 31.9 47.9#
86 41.8 51.0 76.6#



#25
2-Butanone
Concen: 1.467 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

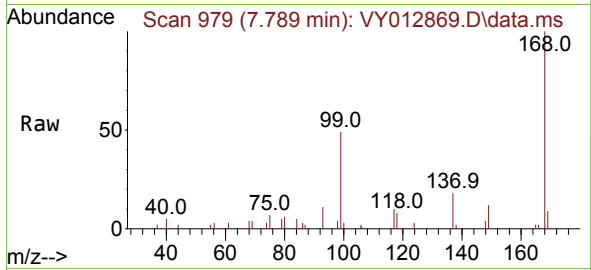
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



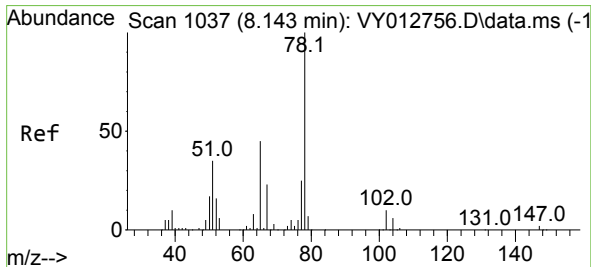
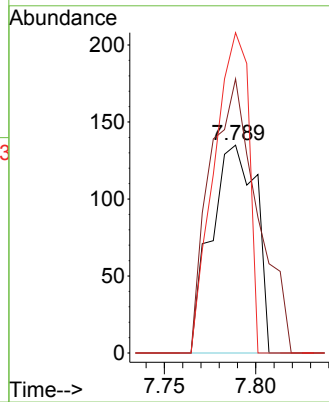
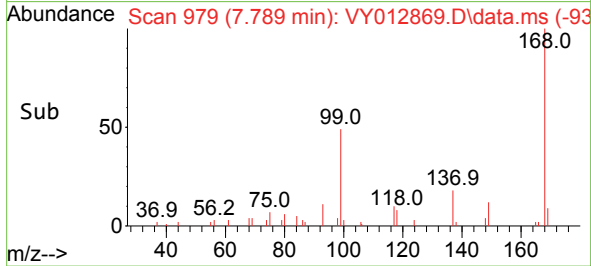


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306RE

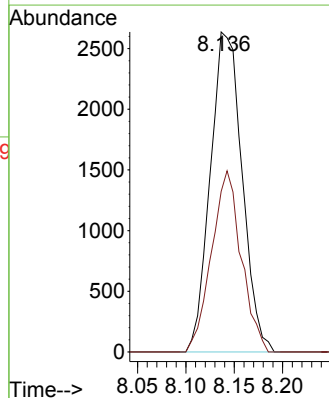
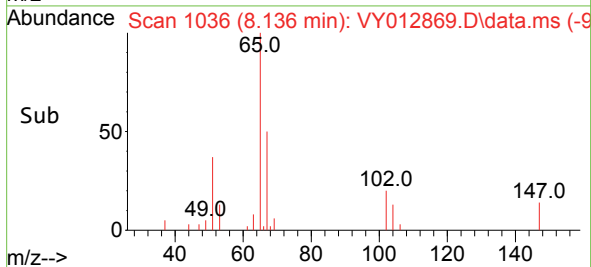
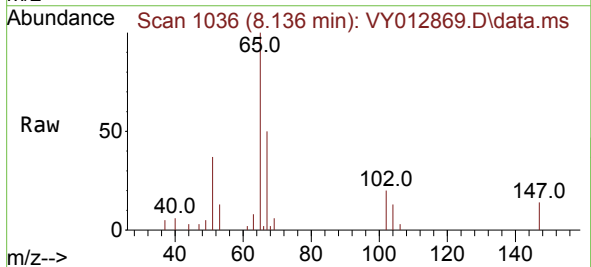


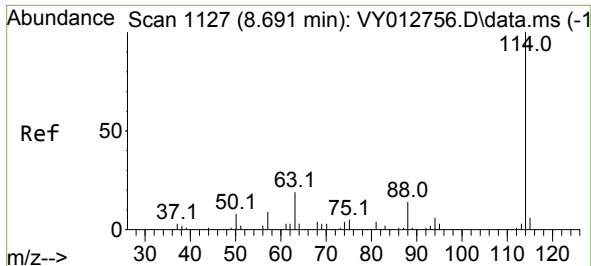
Tgt Ion: 56 Resp: 232
Ion Ratio Lower Upper
56 100
69 131.9 25.7 38.5#
84 154.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 59.632 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

Tgt Ion: 65 Resp: 6019
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.0

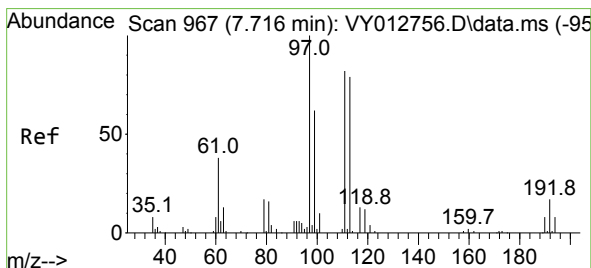
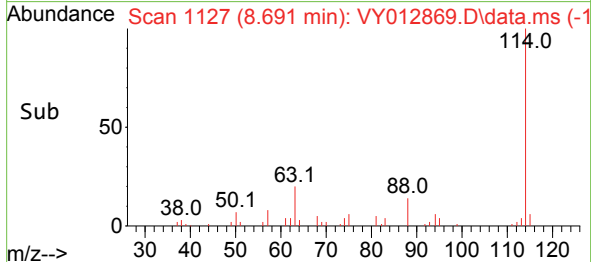
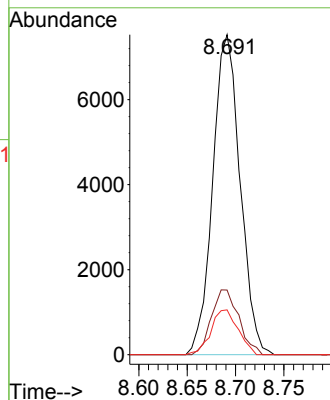
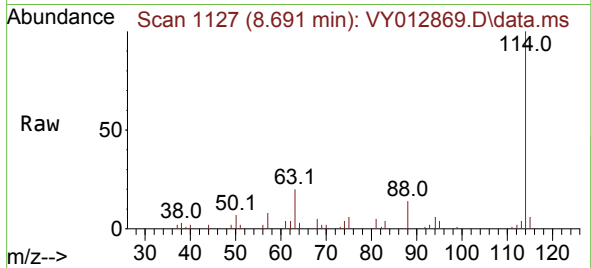




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

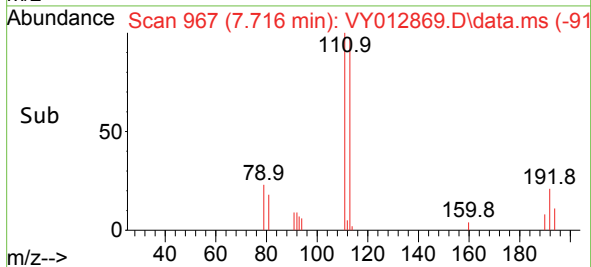
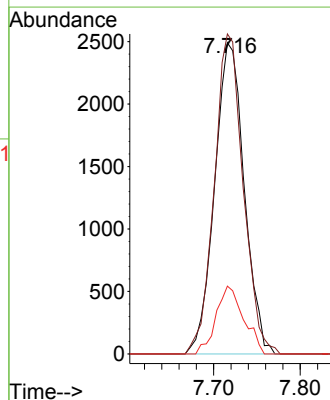
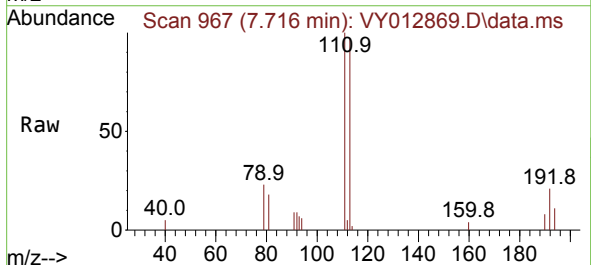
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306RE

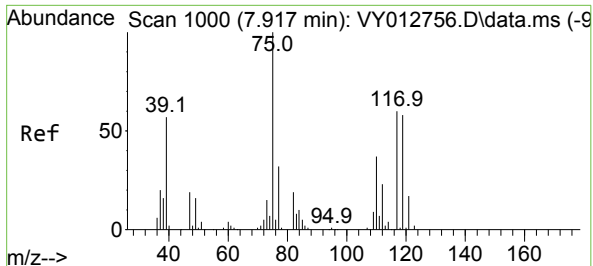
Tgt Ion:	114	Resp:	14789
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	37.4
88	14.0	0.0	28.6



#35
Dibromofluoromethane
Concen: 66.195 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

Tgt Ion:	113	Resp:	5908
Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.2	123.2
192	20.3	16.8	25.2





#36

1,1-Dichloropropene

Concen: 5.723 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012869.D

Acq: 08 Mar 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP3-0306RE

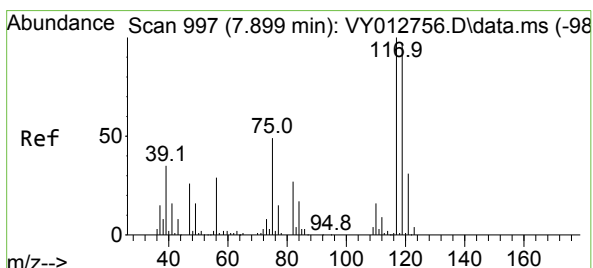
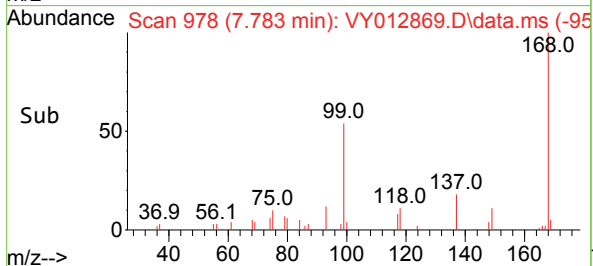
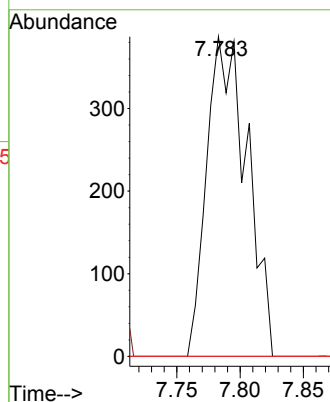
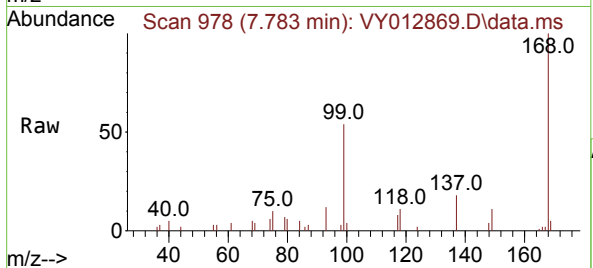
Tgt Ion: 75 Resp: 856

Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.300 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY012869.D

Acq: 08 Mar 2023 14:28

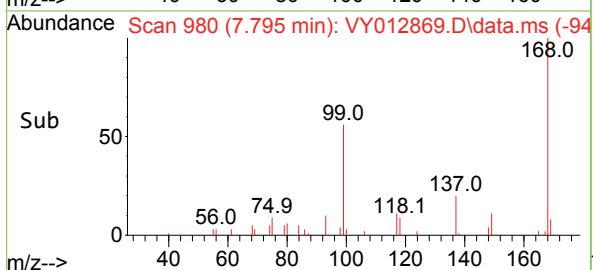
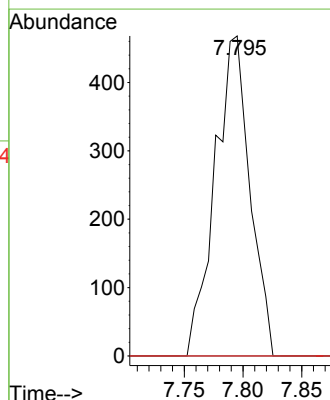
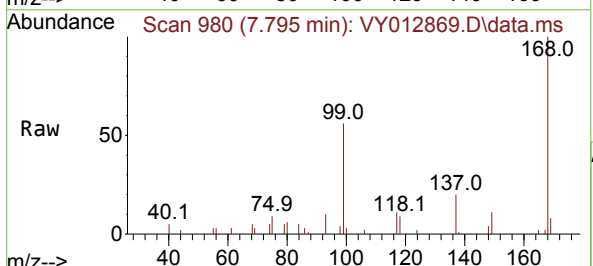
Tgt Ion: 117 Resp: 973

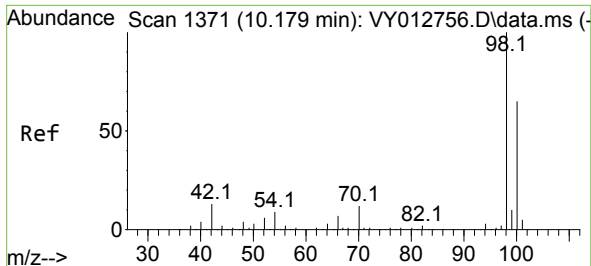
Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 51.814 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012869.D

Acq: 08 Mar 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

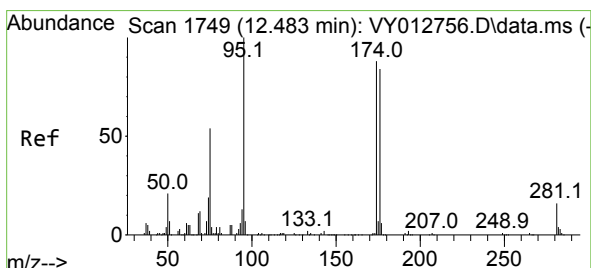
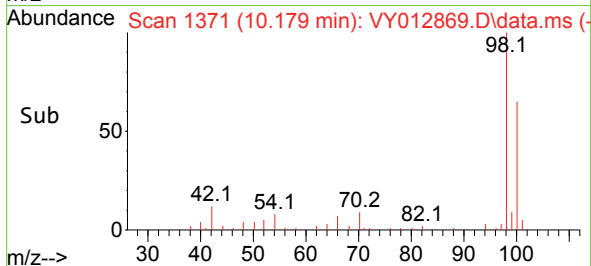
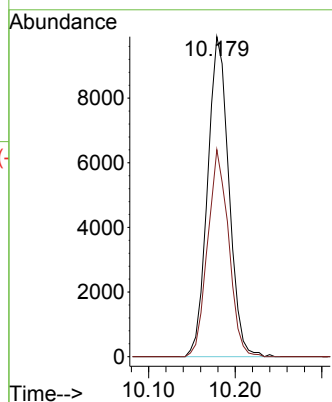
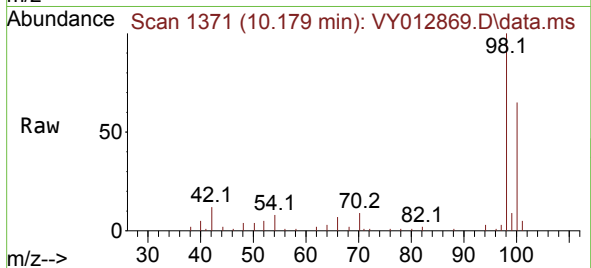
HH-TP3-0306RE

Tgt Ion: 98 Resp: 16906

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 37.901 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012869.D

Acq: 08 Mar 2023 14:28

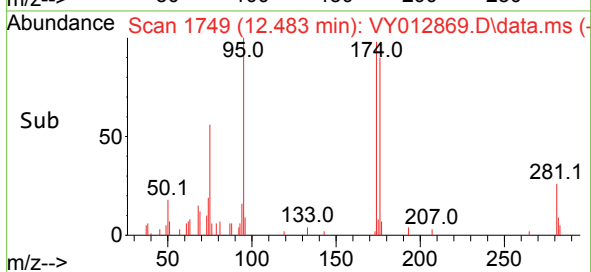
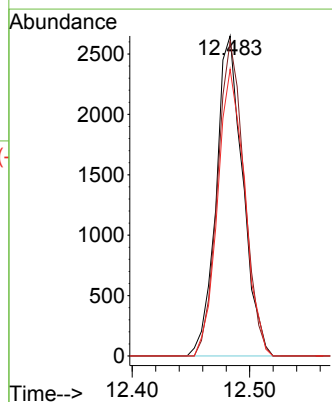
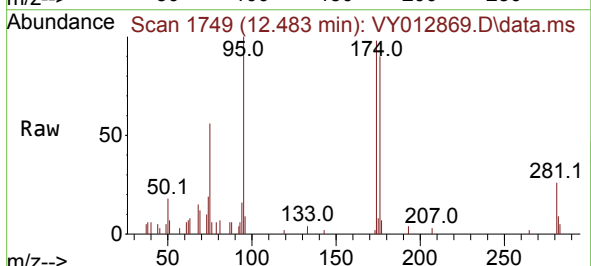
Tgt Ion: 95 Resp: 4174

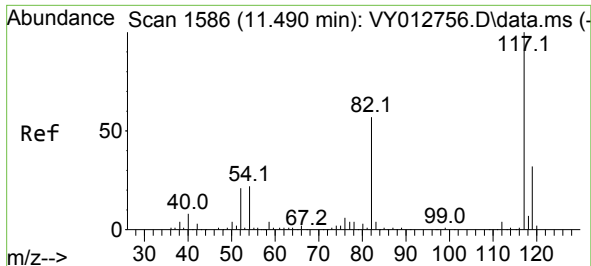
Ion Ratio Lower Upper

95 100

174 98.1 0.0 176.6

176 91.2 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: VY012869.D

Acq: 08 Mar 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

HH-TP3-0306RE

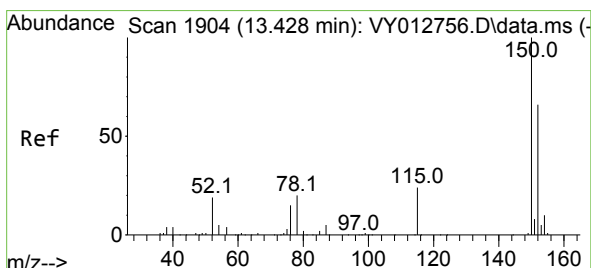
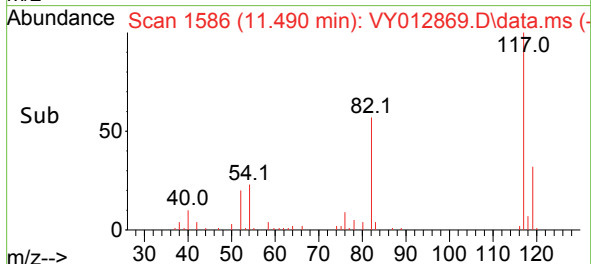
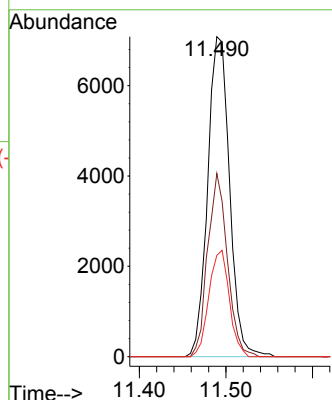
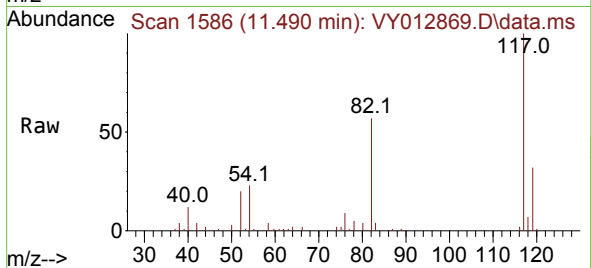
Tgt Ion:117 Resp: 12442

Ion Ratio Lower Upper

117 100

82 57.3 45.4 68.0

119 31.7 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: VY012869.D

Acq: 08 Mar 2023 14:28

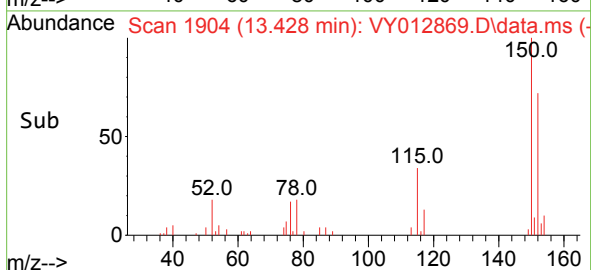
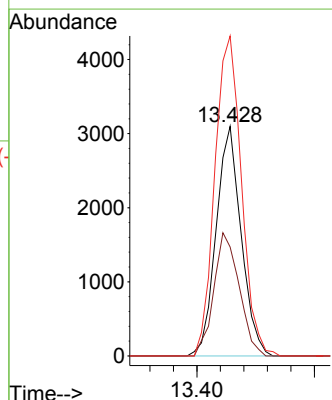
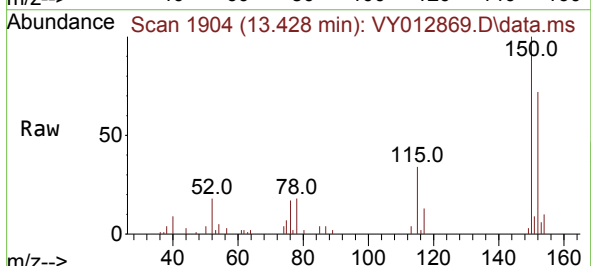
Tgt Ion:152 Resp: 4587

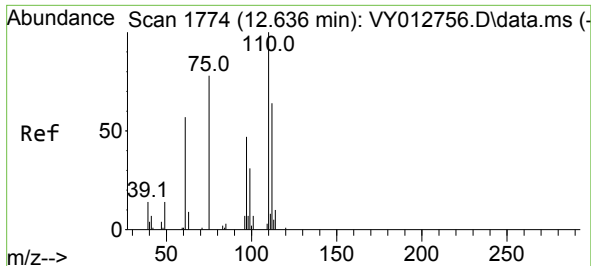
Ion Ratio Lower Upper

152 100

115 54.2 27.1 81.3

150 147.8 0.0 347.8

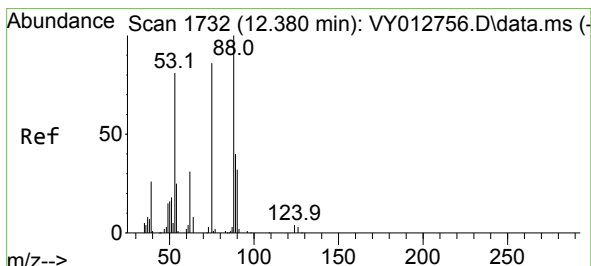
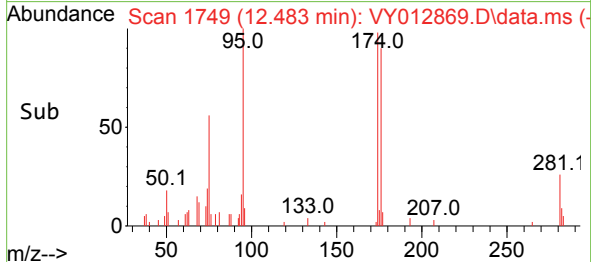
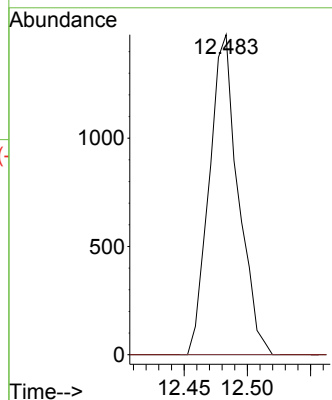
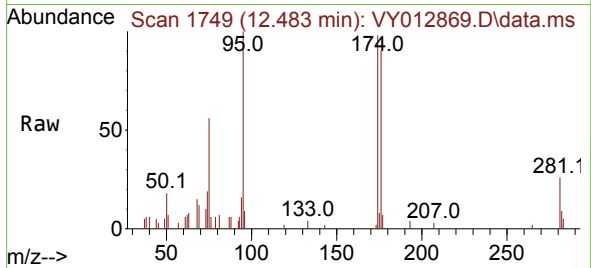




#76
1,2,3-Trichloropropane
Concen: 43.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP3-0306RE

Tgt Ion: 75 Resp: 2356
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 89.121 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012869.D
Acq: 08 Mar 2023 14:28

Tgt Ion: 75 Resp: 2356
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

