

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012974.D
 Acq On : 16 Mar 2023 16:42
 Operator : KP/MD
 Sample : 01965-02
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Mar 17 01:37:40 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)

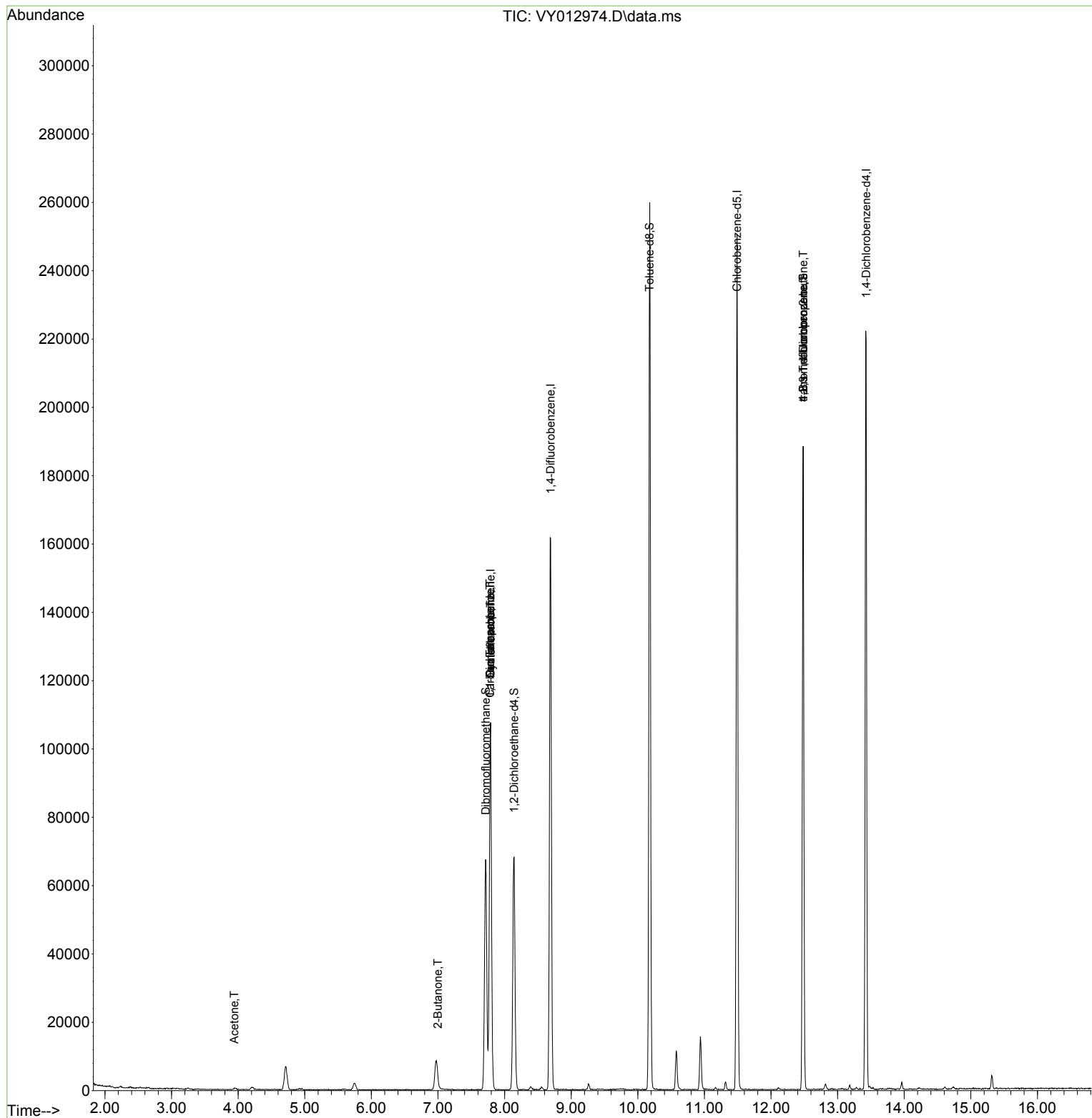
Internal Standards						
1) Pentafluorobenzene	7.789	168	81625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53307	65.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.560%	
35) Dibromofluoromethane	7.716	113	47016	56.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.820%	
50) Toluene-d8	10.179	98	166836	54.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.500%	
62) 4-Bromofluorobenzene	12.483	95	52080	50.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	263	Below Cal	#	74
16) Acetone	3.942	43	921	2.895	ug/l #	81
20) Methylene Chloride	4.710	84	5188	Below Cal	#	87
25) 2-Butanone	6.996	43	713	1.810	ug/l #	49
31) Cyclohexane	7.789	56	1780	1.147	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6392	4.576	ug/l #	50
38) Carbon Tetrachloride	7.783	117	8154	5.653	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	27484	39.201	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27484	81.226	ug/l #	13

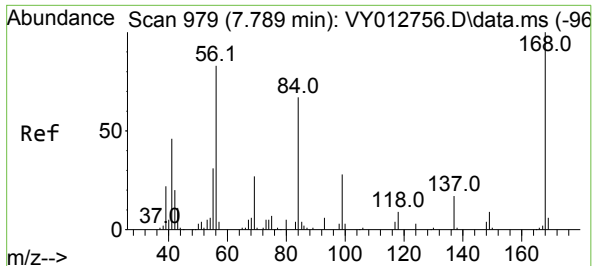
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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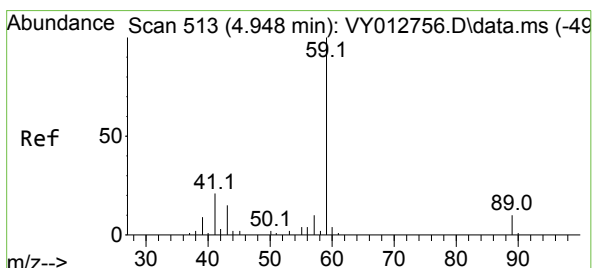
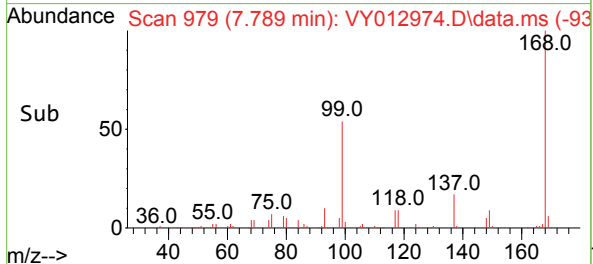
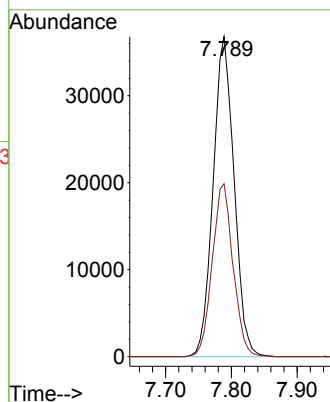
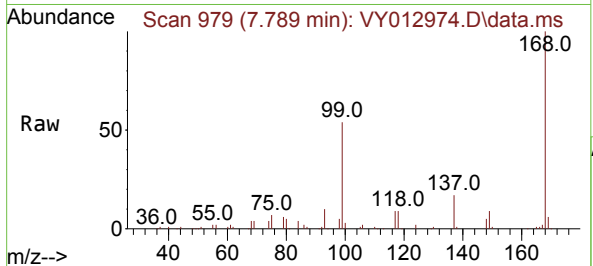




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

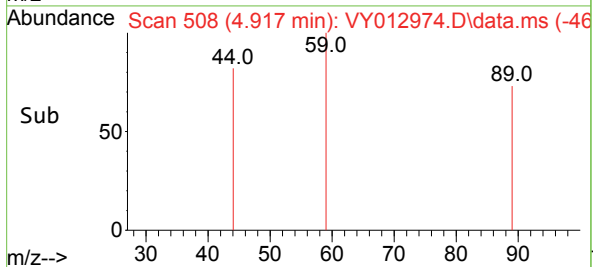
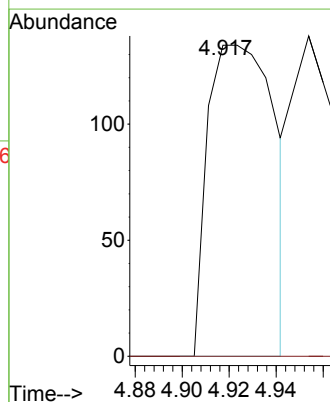
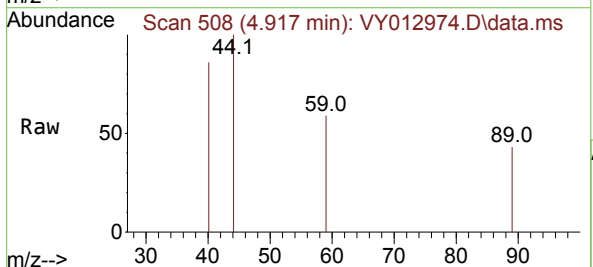
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:168 Resp: 81625
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

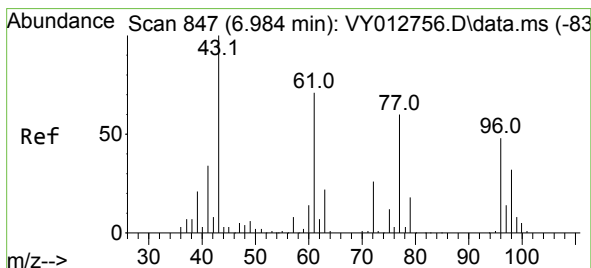
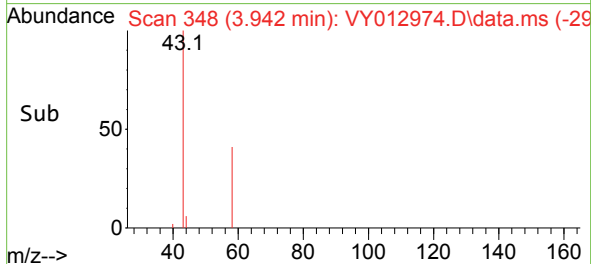
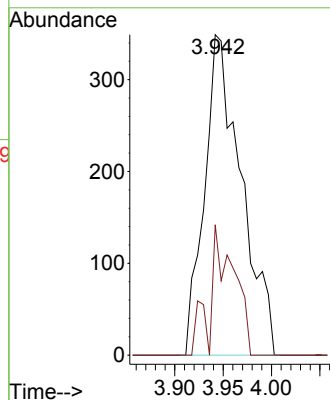
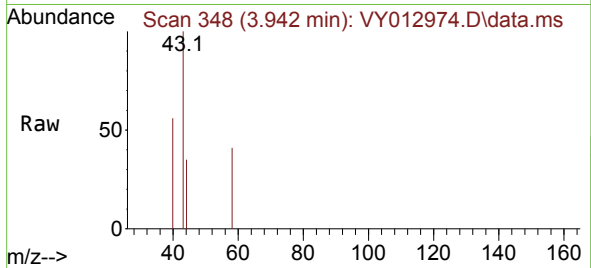




#16
Acetone
Concen: 2.895 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

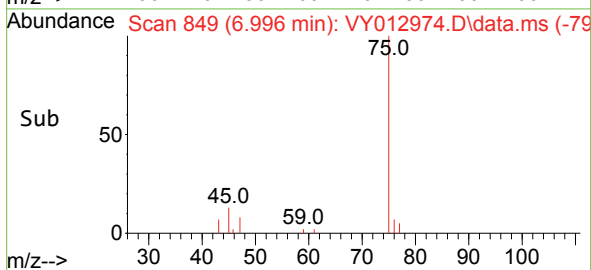
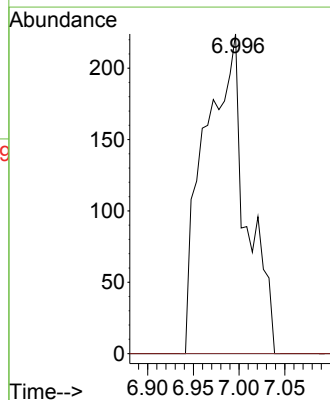
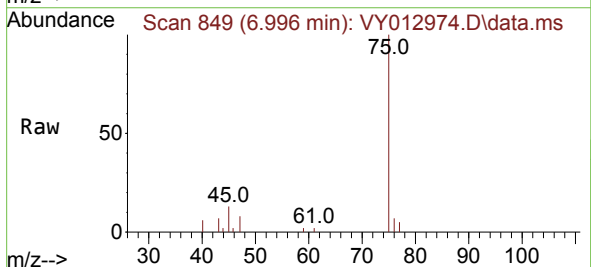
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

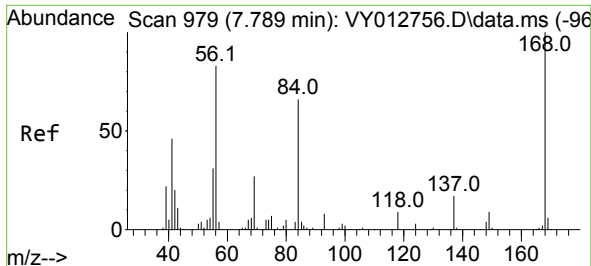
Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 40.7 24.2 36.2#



#25
2-Butanone
Concen: 1.810 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

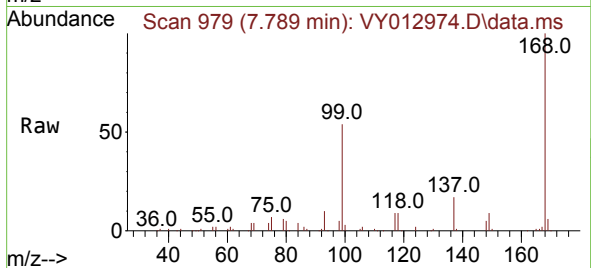
Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



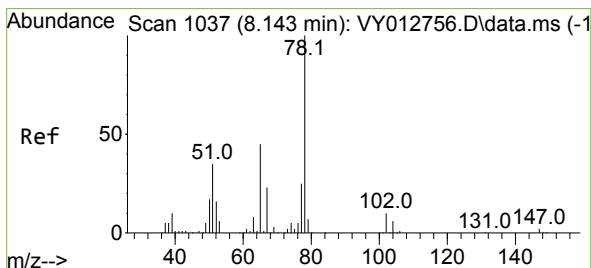
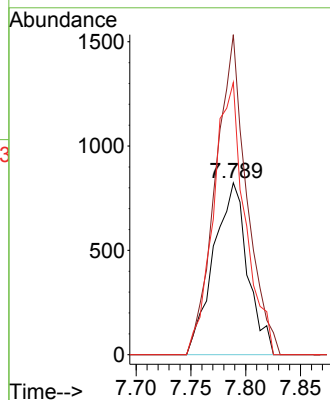
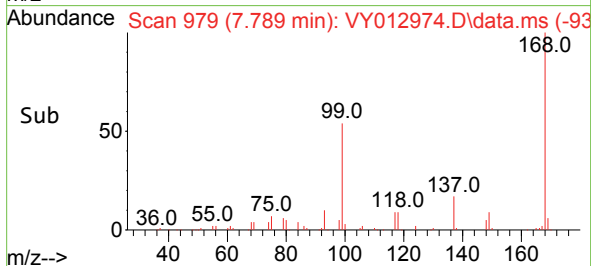


#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

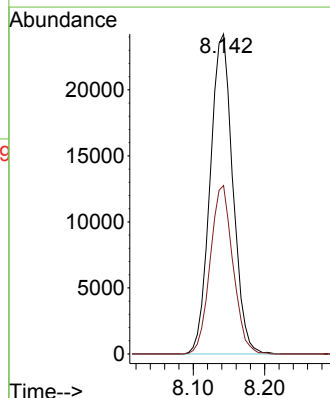
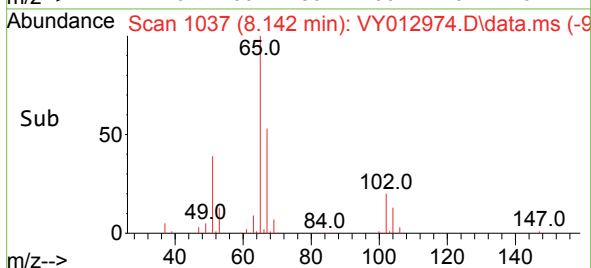
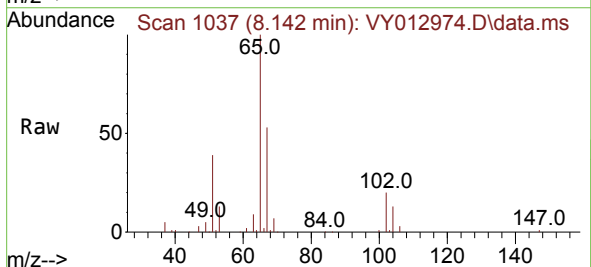


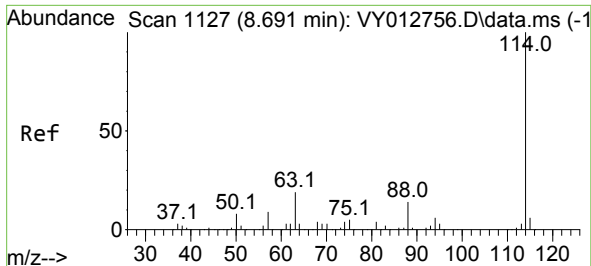
Tgt Ion: 56 Resp: 1780
Ion Ratio Lower Upper
56 100
69 186.2 25.7 38.5#
84 158.4 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 65.776 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Tgt Ion: 65 Resp: 53307
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

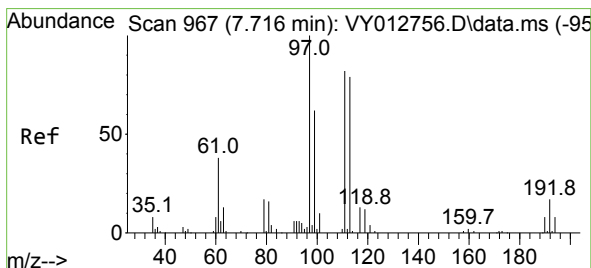
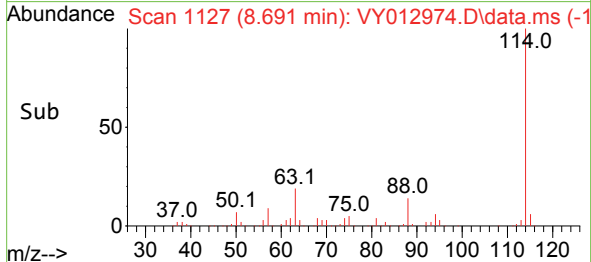
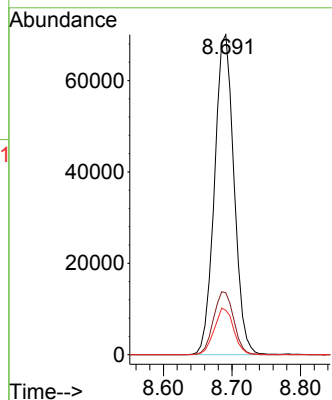
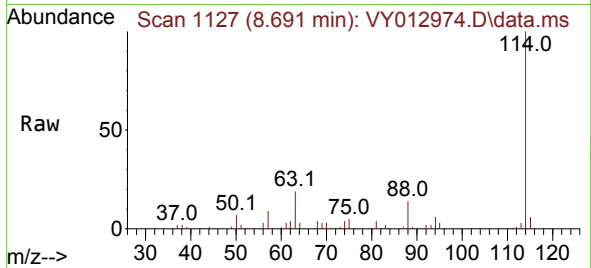




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

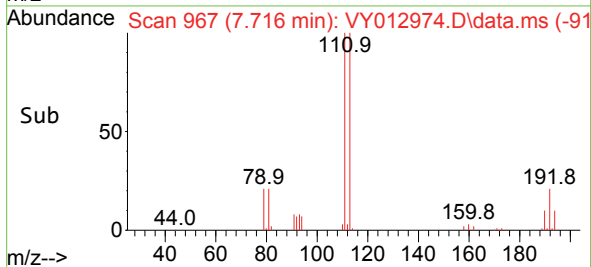
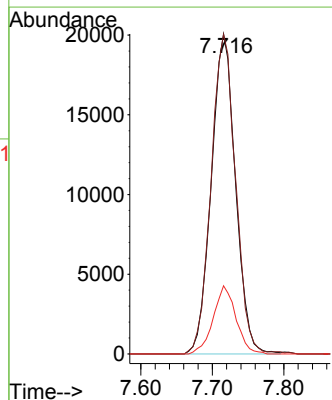
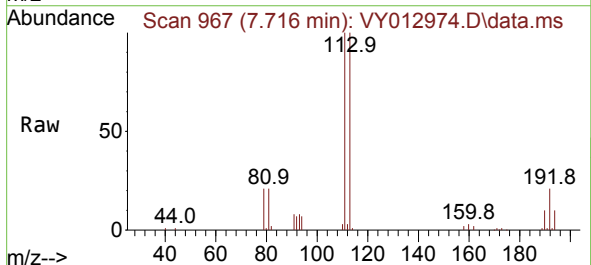
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

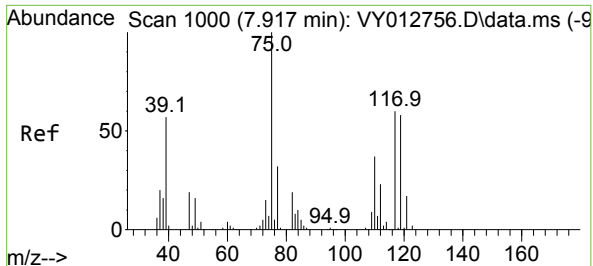
Tgt Ion:114 Resp: 138113
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.4
88 13.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.407 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Tgt Ion:113 Resp: 47016
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 20.1 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.576 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012974.D

Acq: 16 Mar 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

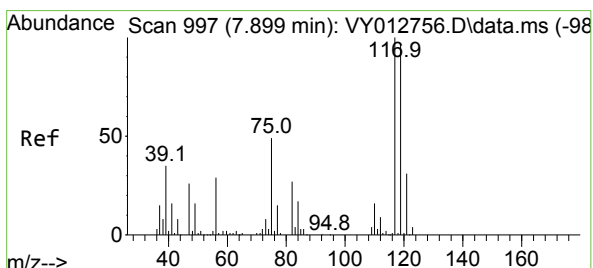
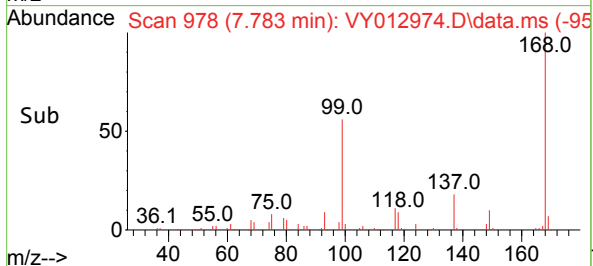
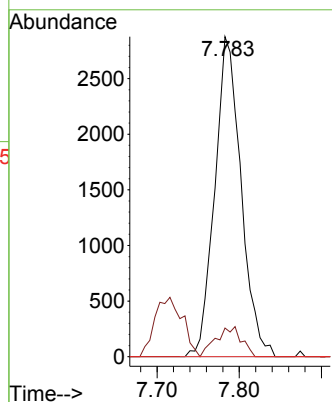
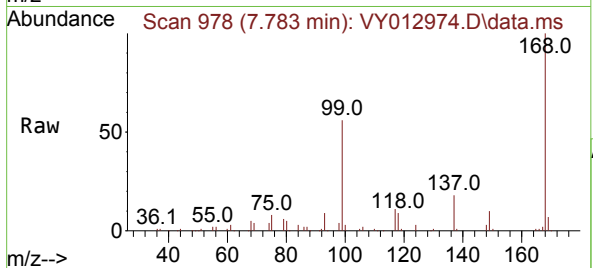
Tgt Ion: 75 Resp: 6392

Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.653 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012974.D

Acq: 16 Mar 2023 16:42

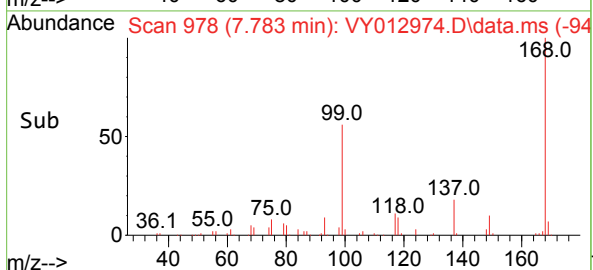
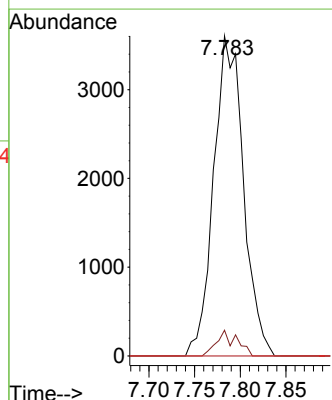
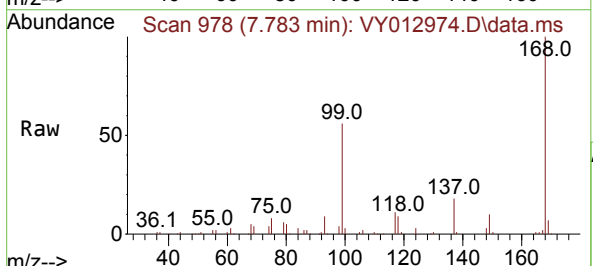
Tgt Ion: 117 Resp: 8154

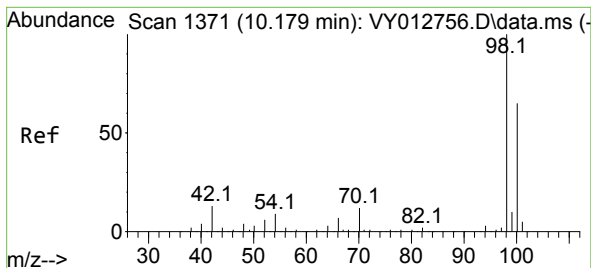
Ion Ratio Lower Upper

117 100

119 8.0 77.2 115.8#

121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 54.752 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012974.D

Acq: 16 Mar 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

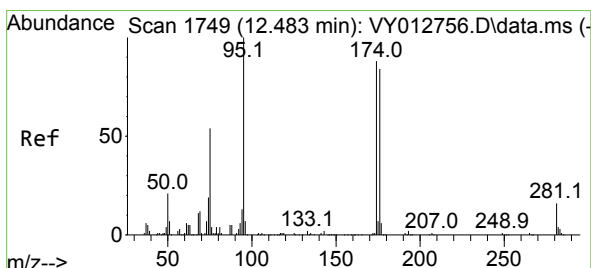
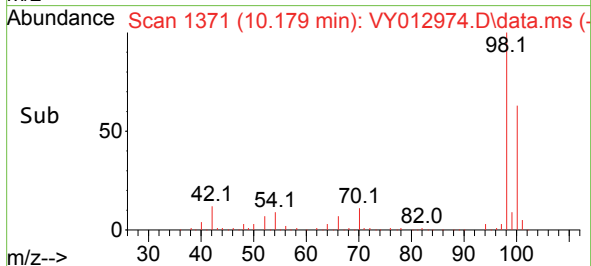
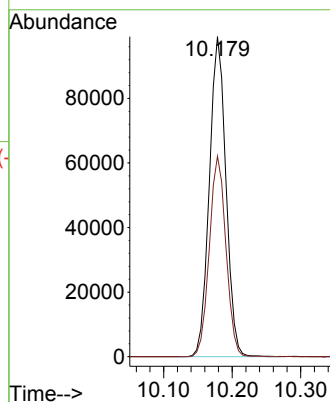
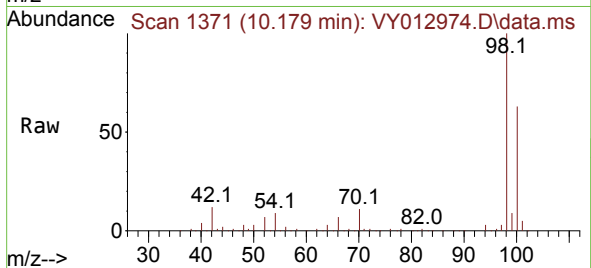
COMP-2

Tgt Ion: 98 Resp: 166836

Ion Ratio Lower Upper

98 100

100 62.7 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 50.637 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012974.D

Acq: 16 Mar 2023 16:42

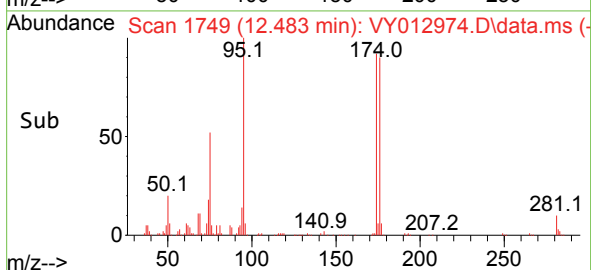
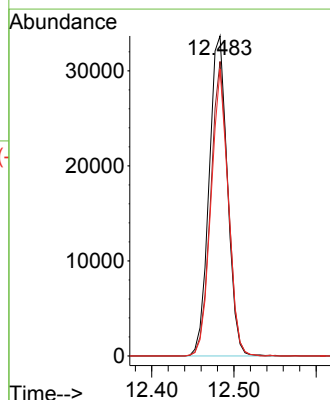
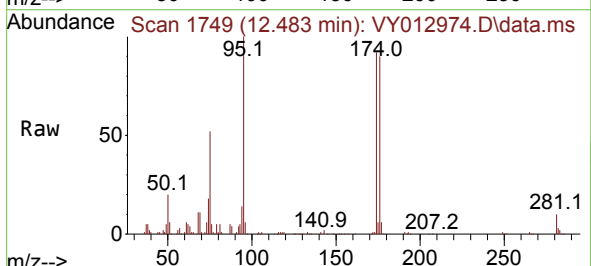
Tgt Ion: 95 Resp: 52080

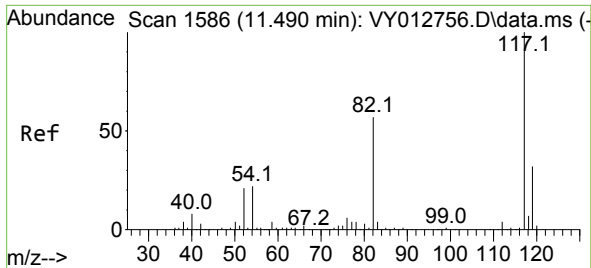
Ion Ratio Lower Upper

95 100

174 88.1 0.0 176.6

176 84.3 0.0 170.2

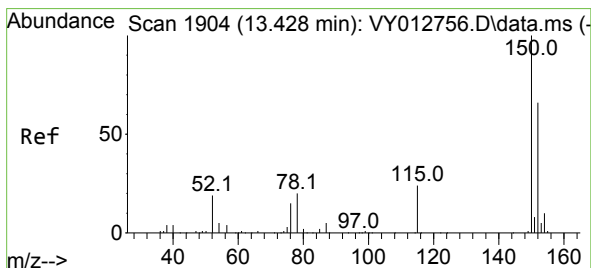
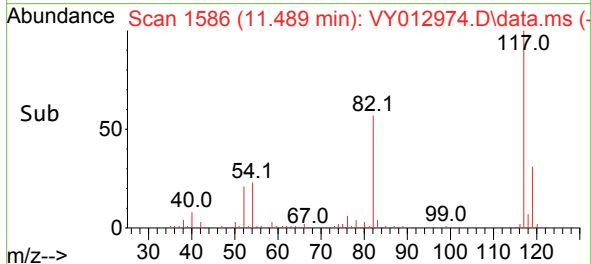
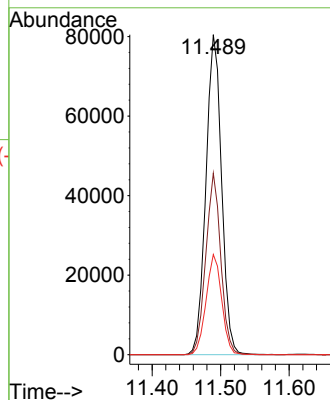
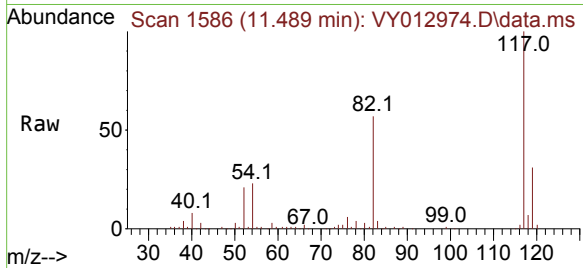




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

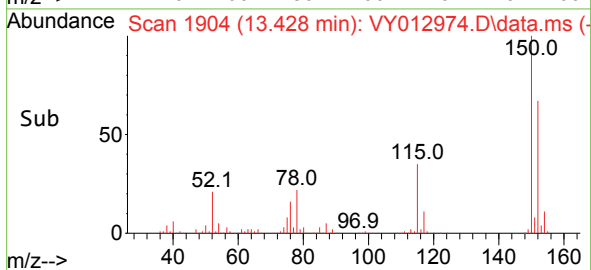
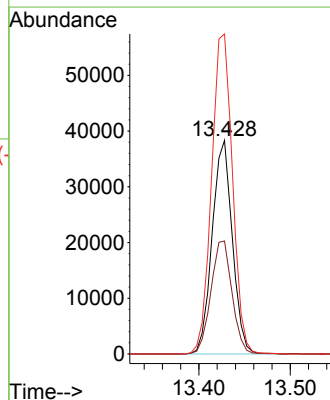
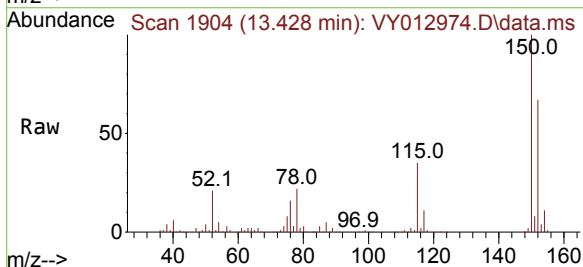
Instrument :
MSVOA_Y
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COMP-2

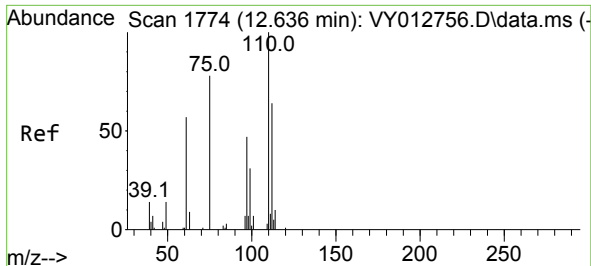
Tgt Ion:117 Resp: 128112
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Tgt Ion:152 Resp: 58711
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 155.6 0.0 347.8

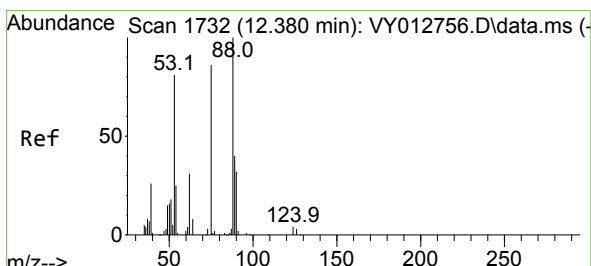
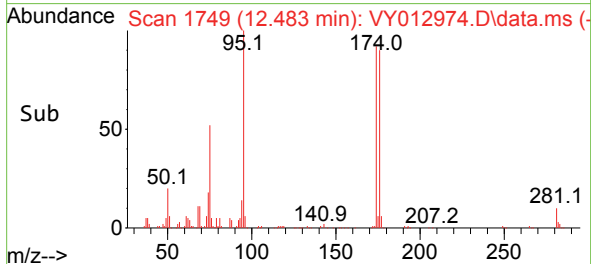
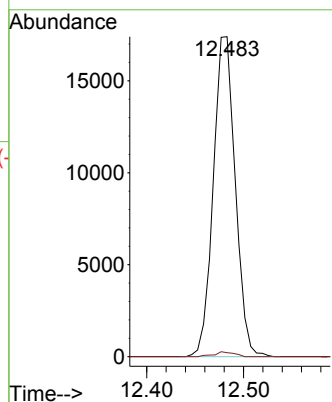
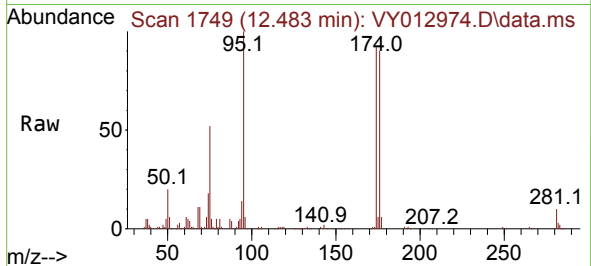




#76
1,2,3-Trichloropropane
Concen: 39.201 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion: 75 Resp: 27484
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.226 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012974.D
Acq: 16 Mar 2023 16:42

Tgt Ion: 75 Resp: 27484
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

