

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012975.D
 Acq On : 16 Mar 2023 17:06
 Operator : KP/MD
 Sample : 01965-03
 Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Mar 17 01:38:03 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)

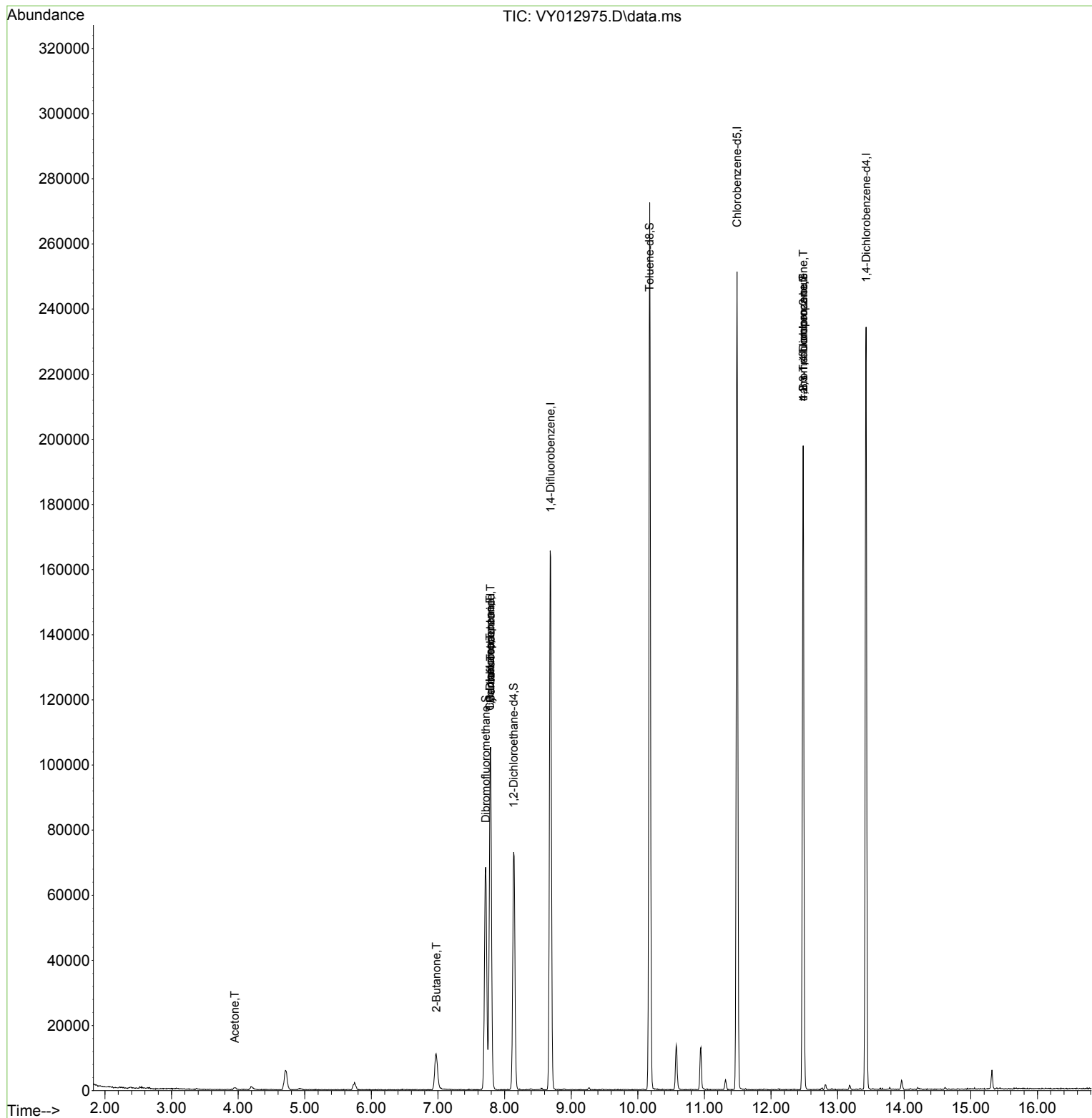
Internal Standards						
1) Pentafluorobenzene	7.789	168	83655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	131190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58058	69.900	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.800%			
35) Dibromofluoromethane	7.716	113	49054	57.166	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.340%			
50) Toluene-d8	10.179	98	170180	54.249	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.500%			
62) 4-Bromofluorobenzene	12.483	95	53529	50.555	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.120%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	310	Below Cal	#	74
16) Acetone	3.948	43	1147	3.518	ug/l #	59
20) Methylene Chloride	4.710	84	4696	Below Cal		84
25) 2-Butanone	6.978	43	736	1.823	ug/l #	49
31) Cyclohexane	7.783	56	1836	1.154	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6317	4.393	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8140	5.482	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	28749	39.987	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28749	82.855	ug/l #	13

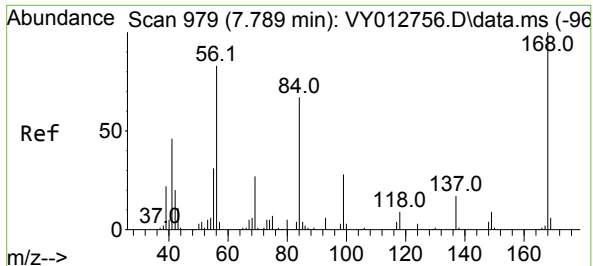
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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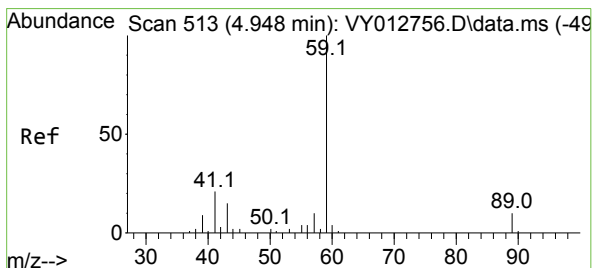
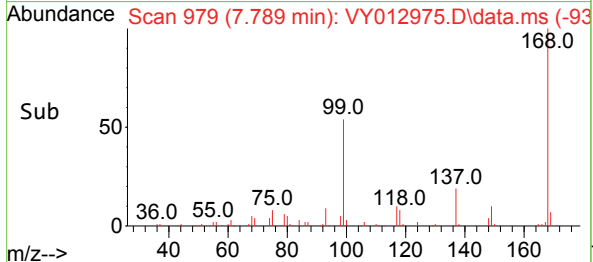
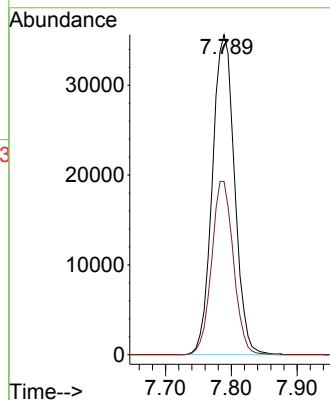
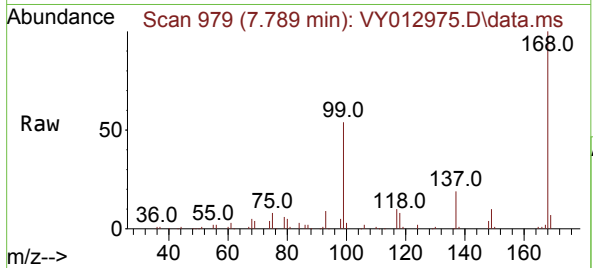




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

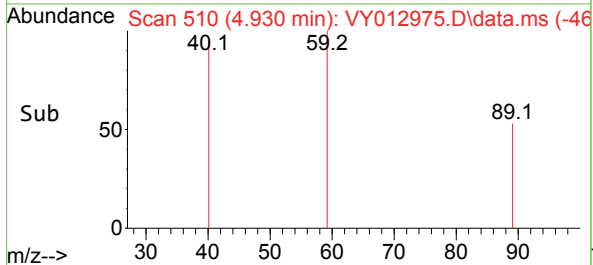
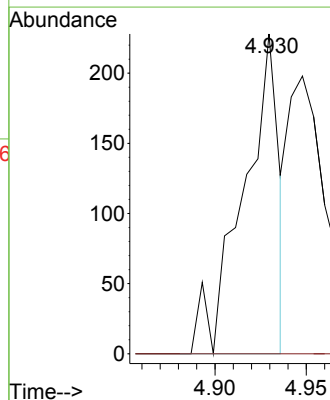
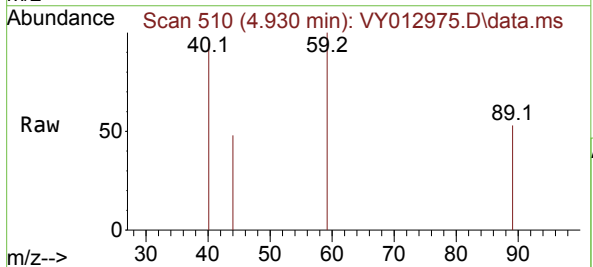
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

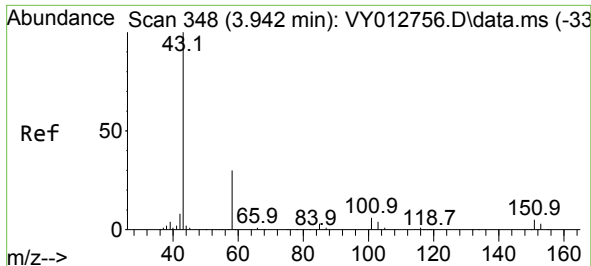
Tgt Ion:168 Resp: 83655
Ion Ratio Lower Upper
168 100
99 54.2 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

Tgt Ion: 59 Resp: 310
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

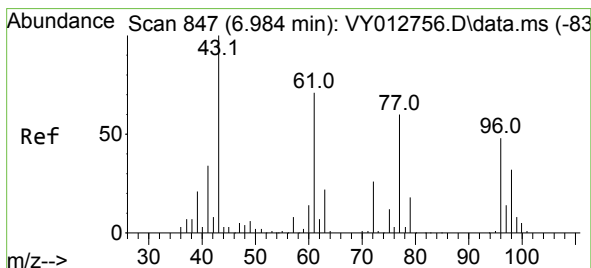
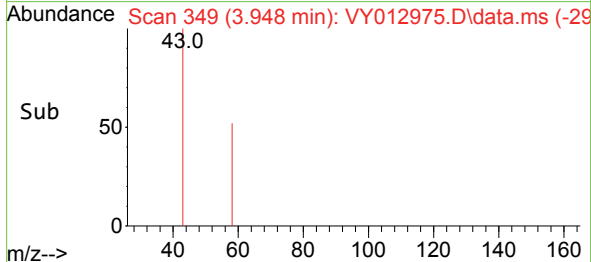
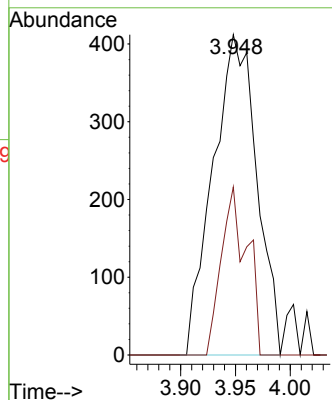
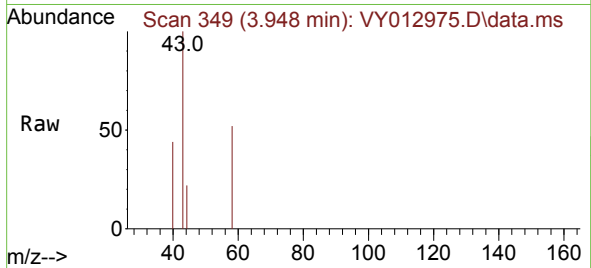




#16
Acetone
Concen: 3.518 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

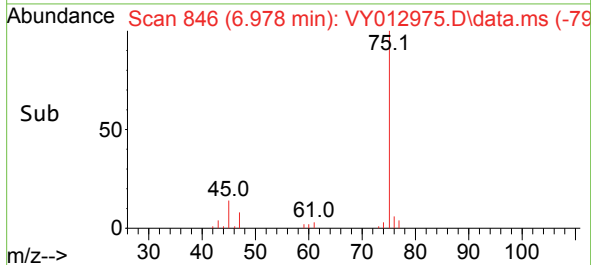
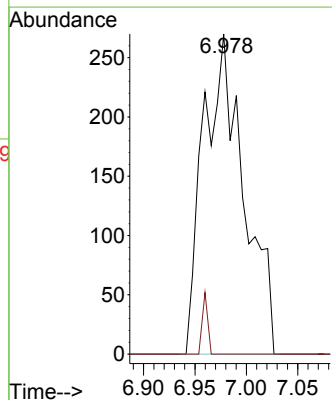
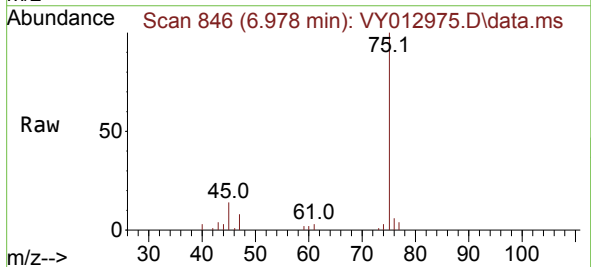
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

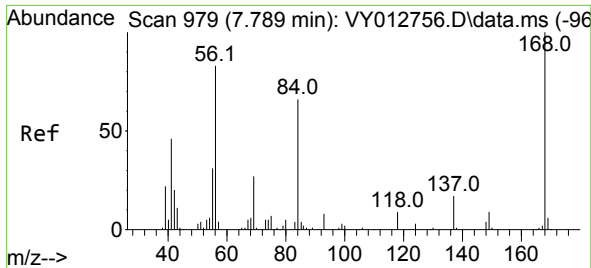
Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 52.4 24.2 36.2#



#25
2-Butanone
Concen: 1.823 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#

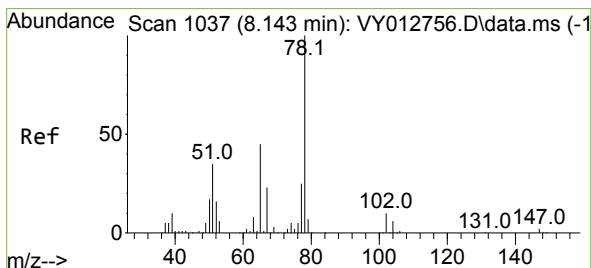
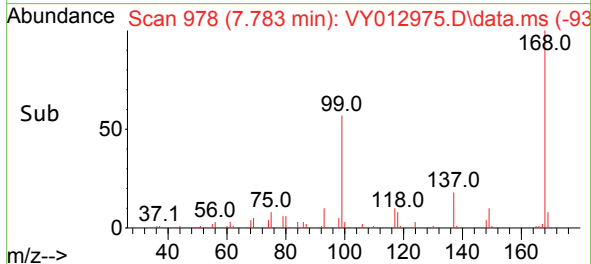
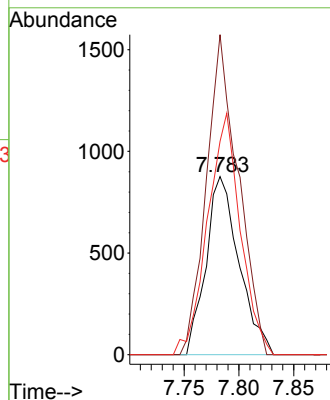
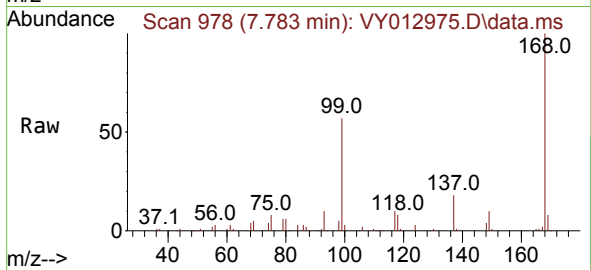




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

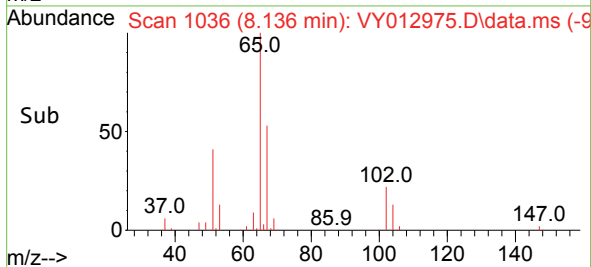
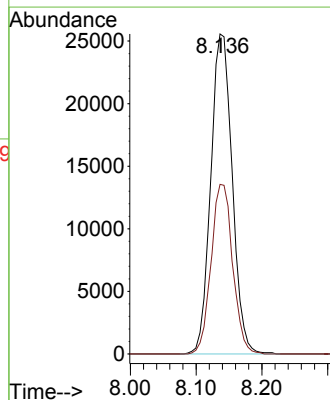
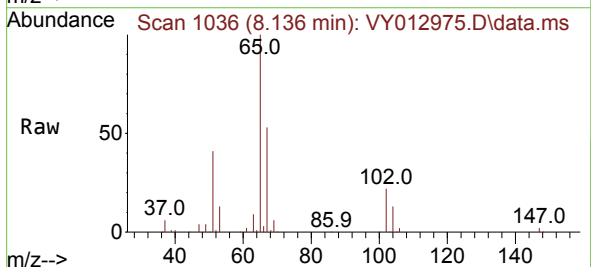
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

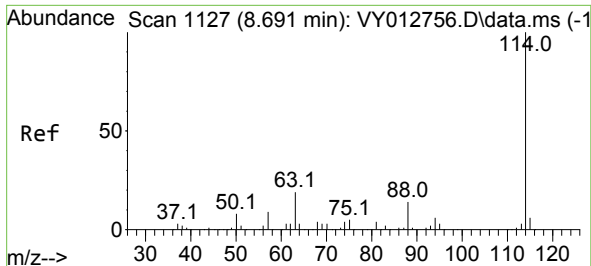
Tgt Ion: 56 Resp: 1836
Ion Ratio Lower Upper
56 100
69 179.7 25.7 38.5#
84 119.7 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 69.900 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

Tgt Ion: 65 Resp: 58058
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.0

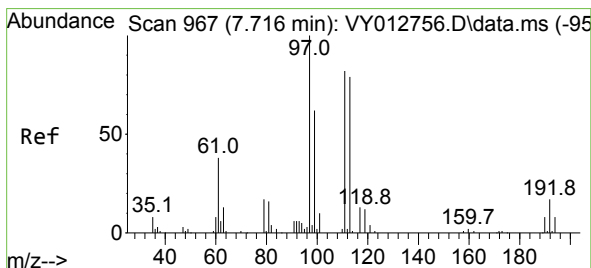
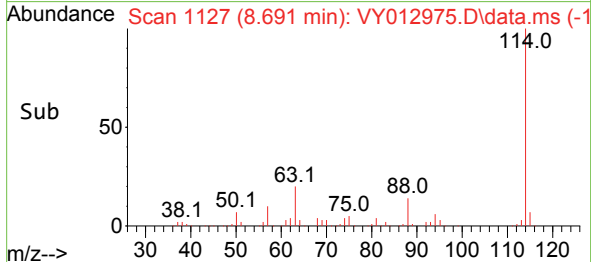
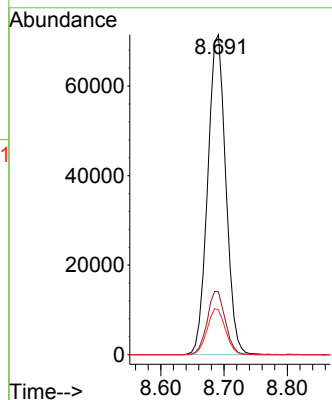
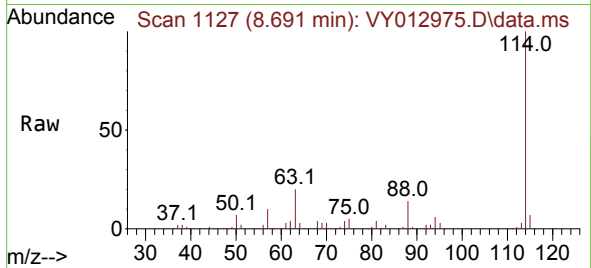




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

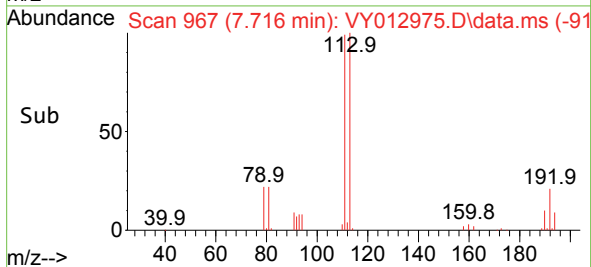
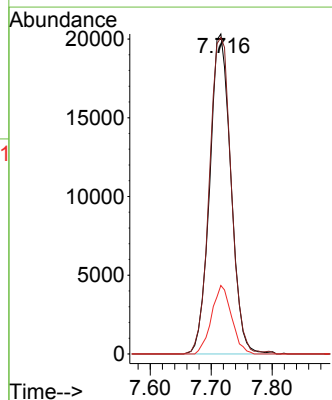
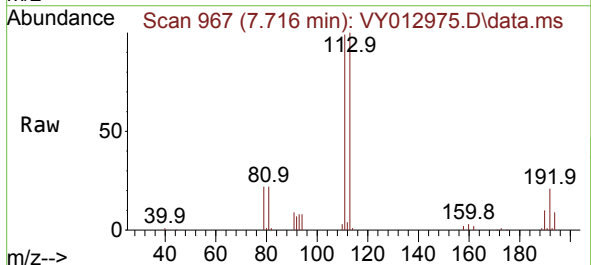
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

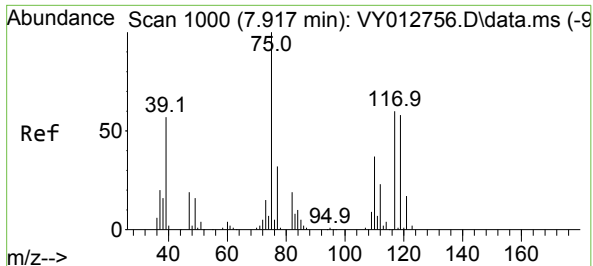
Tgt Ion:114 Resp: 142187
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.0 0.0 28.6



#35
Dibromofluoromethane
Concen: 57.166 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

Tgt Ion:113 Resp: 49054
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 20.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.393 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012975.D

Acq: 16 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

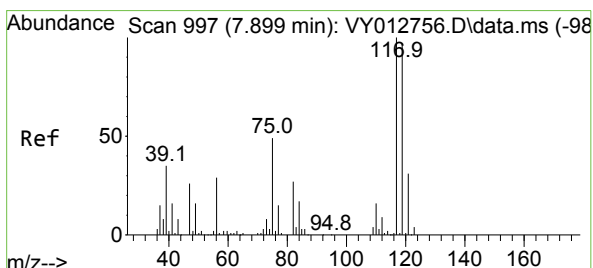
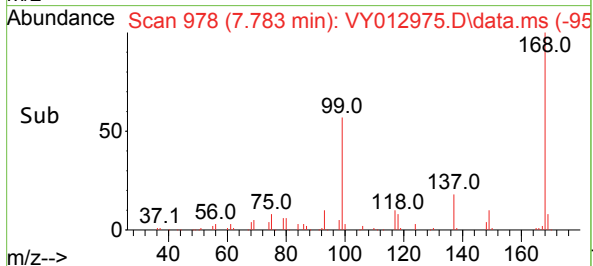
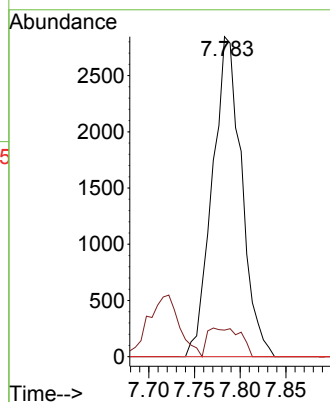
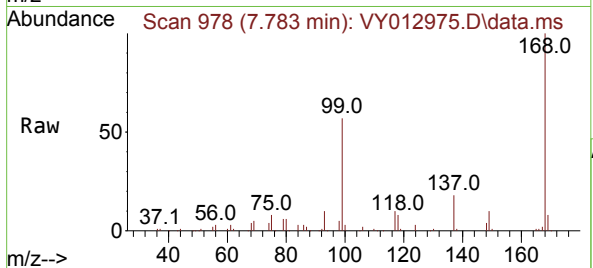
Tgt Ion: 75 Resp: 6317

Ion Ratio Lower Upper

75 100

110 10.1 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.482 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012975.D

Acq: 16 Mar 2023 17:06

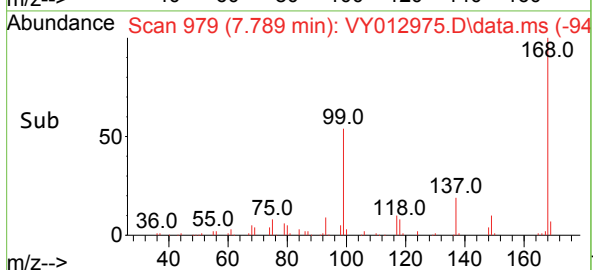
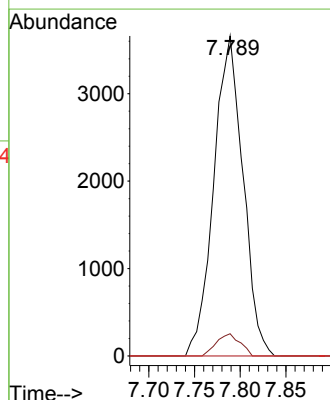
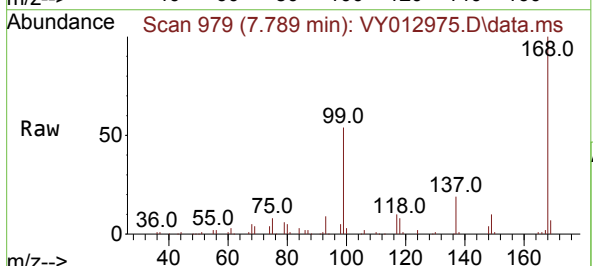
Tgt Ion: 117 Resp: 8140

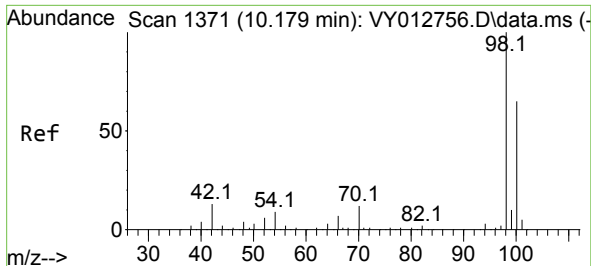
Ion Ratio Lower Upper

117 100

119 6.9 77.2 115.8#

121 0.0 24.7 37.1#

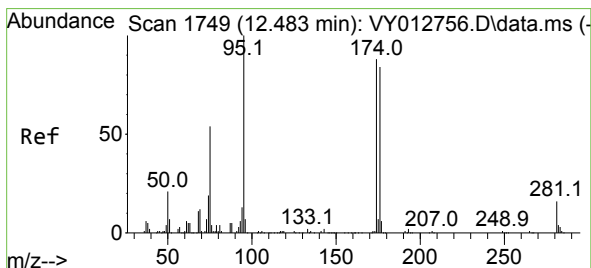
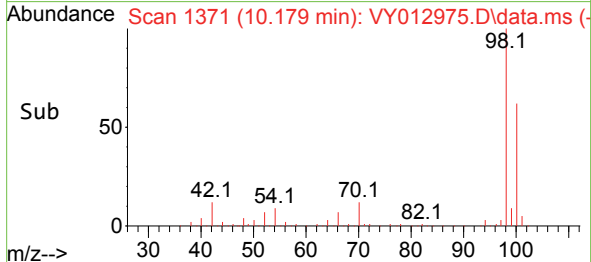
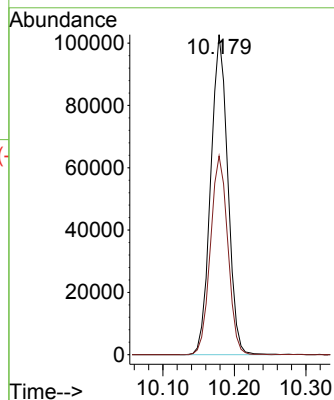
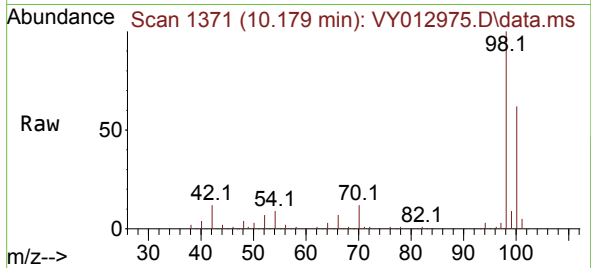




#50
Toluene-d8
Concen: 54.249 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

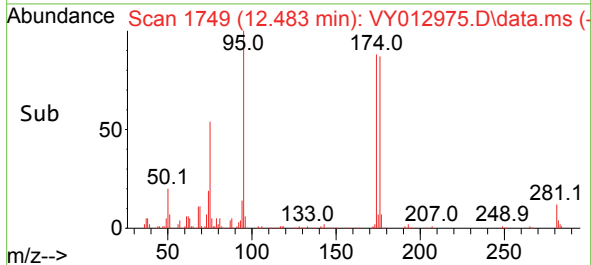
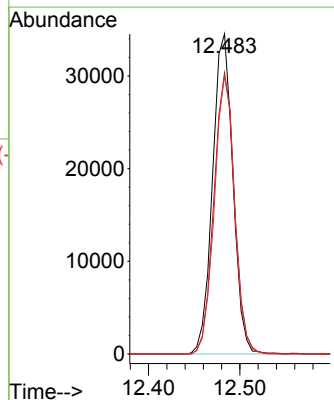
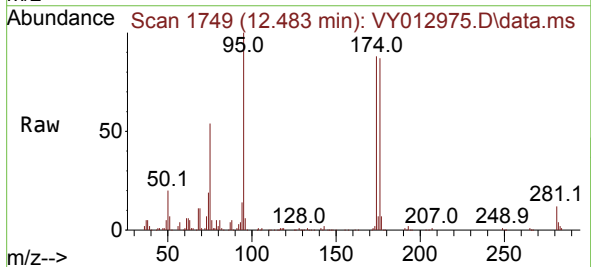
Instrument :
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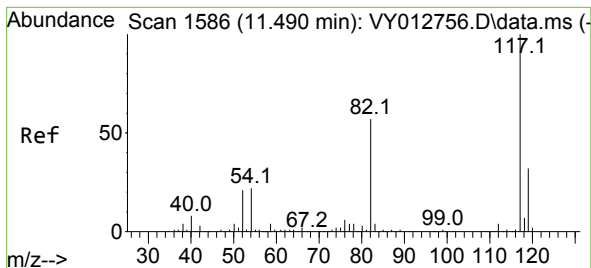
Tgt Ion: 98 Resp: 170180
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.555 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

Tgt Ion: 95 Resp: 53529
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 86.1 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: VY012975.D

Acq: 16 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

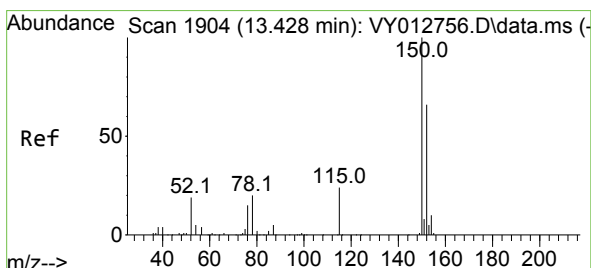
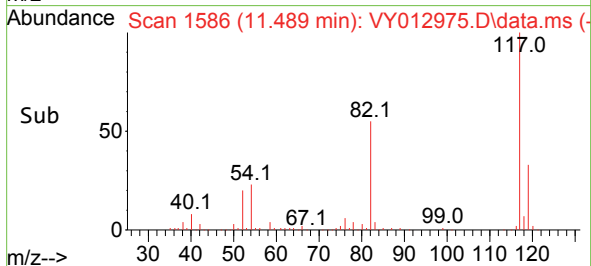
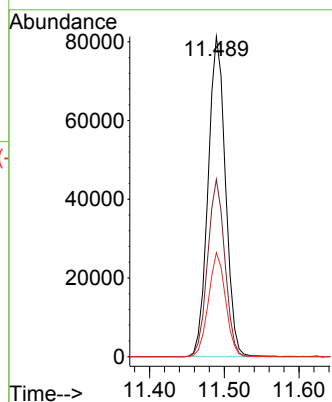
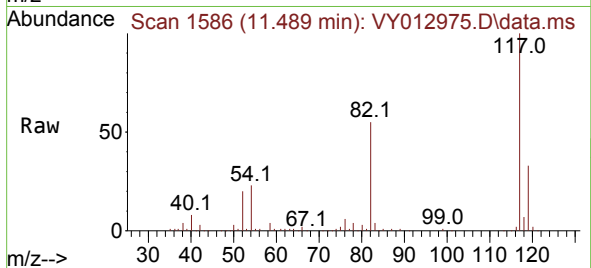
Tgt Ion:117 Resp: 131190

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.0

119 32.5 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: VY012975.D

Acq: 16 Mar 2023 17:06

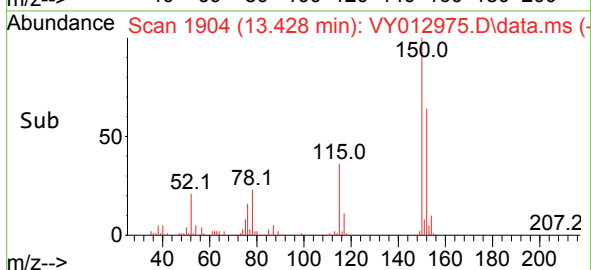
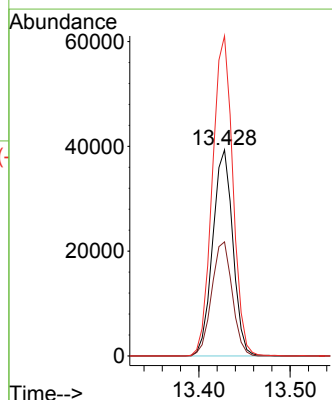
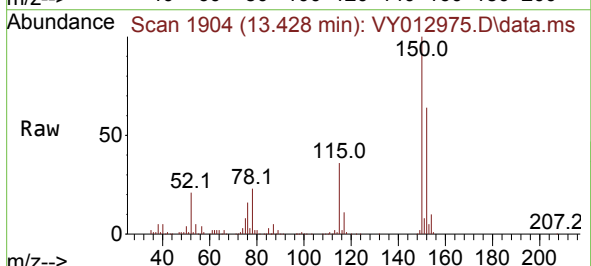
Tgt Ion:152 Resp: 60206

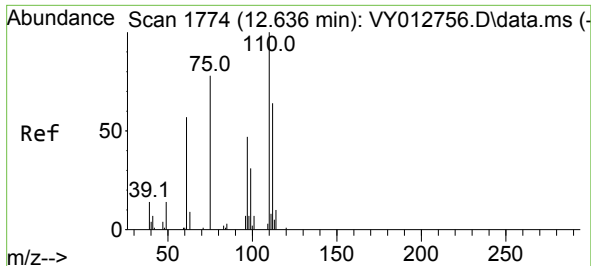
Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 157.5 0.0 347.8

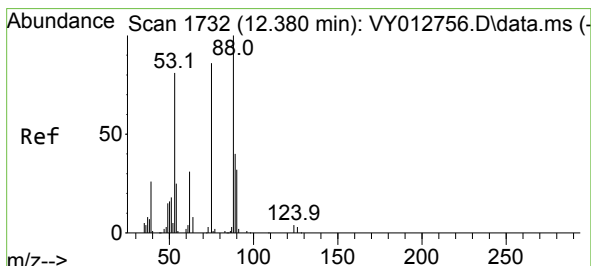
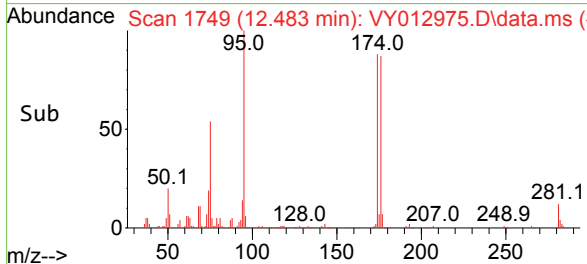
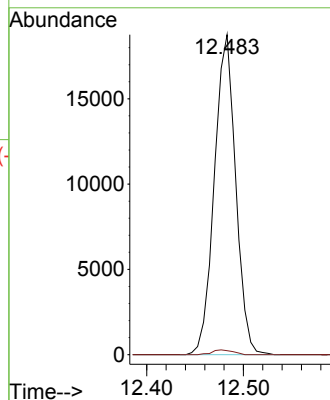
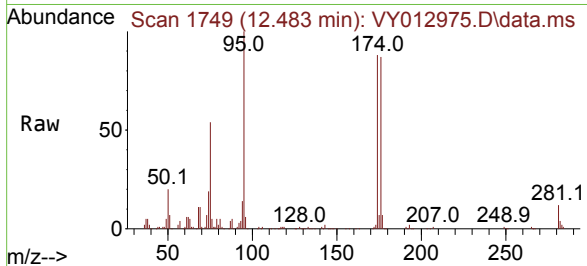




#76
1,2,3-Trichloropropane
Concen: 39.987 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion: 75 Resp: 28749
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.855 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012975.D
Acq: 16 Mar 2023 17:06

Tgt Ion: 75 Resp: 28749
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.1 36.6 55.0#

