

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013075.D
 Acq On : 24 Mar 2023 13:46
 Operator : KP/MD
 Sample : 02022-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-32123

Quant Time: Mar 25 03:33:17 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)

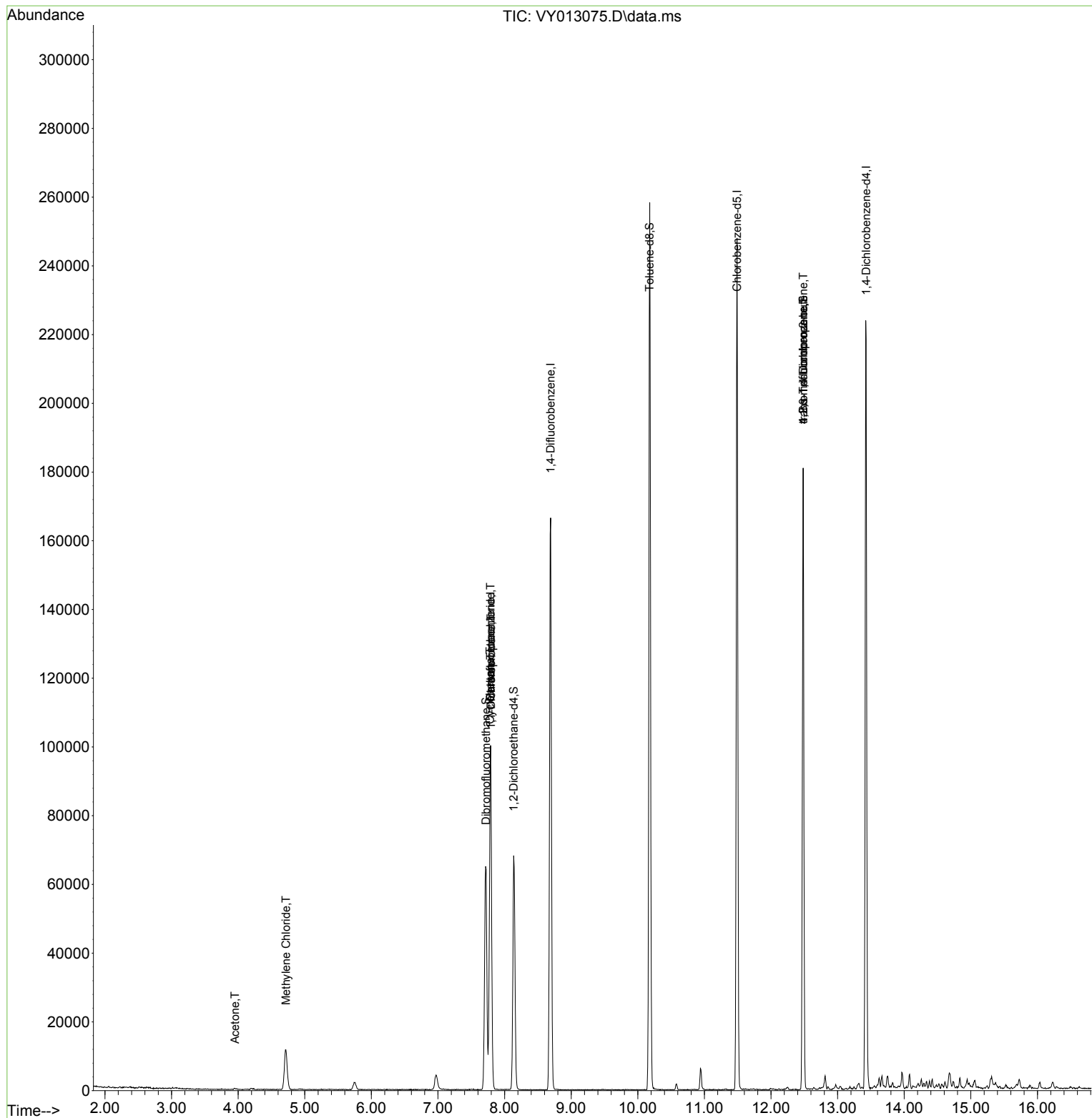
Internal Standards						
1) Pentafluorobenzene	7.789	168	75199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52045	69.707	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.420%			
35) Dibromofluoromethane	7.722	113	45609	54.169	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.340%			
50) Toluene-d8	10.179	98	169256	54.987	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.980%			
62) 4-Bromofluorobenzene	12.483	95	50757	48.855	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.700%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.948	59	256	Below Cal	#	74
16) Acetone	3.954	43	486	1.658	ug/l #	85
20) Methylene Chloride	4.716	84	8277	4.350	ug/l	95
31) Cyclohexane	7.783	56	1880	1.315	ug/l #	49
36) 1,1-Dichloropropene	7.795	75	6194	4.390	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7449	5.112	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	26200	37.868	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26200	78.463	ug/l #	13

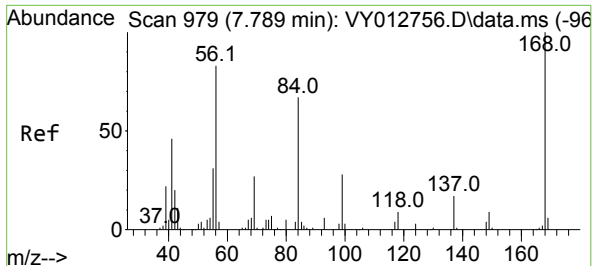
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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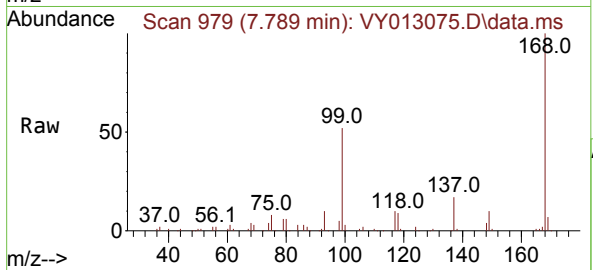
Quant Time: Mar 25 03:33:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



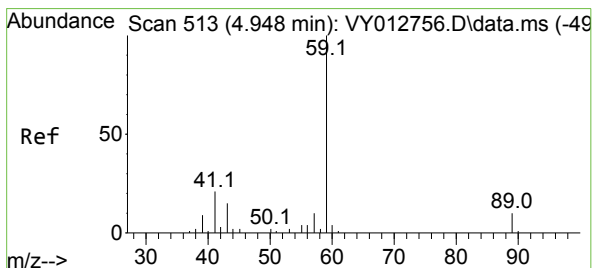
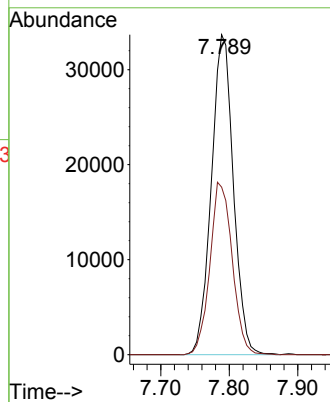
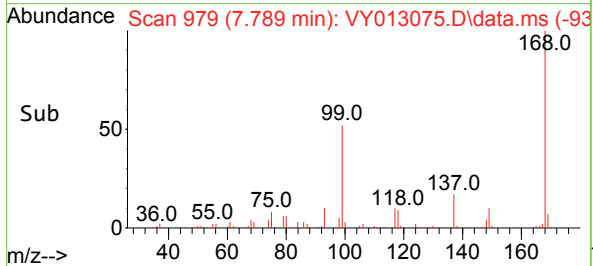


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :
AU-05-32123

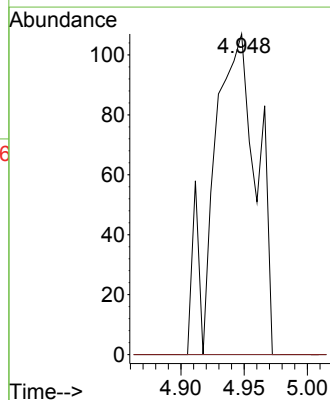
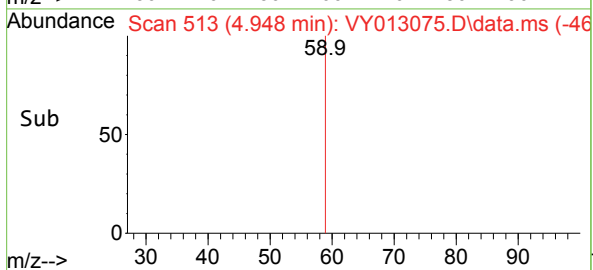
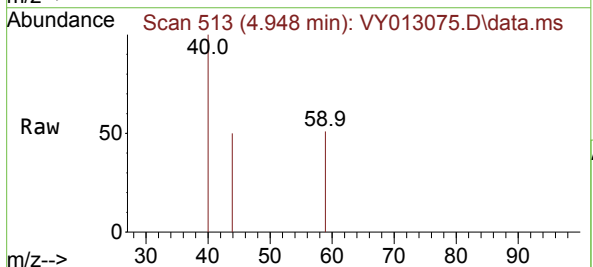


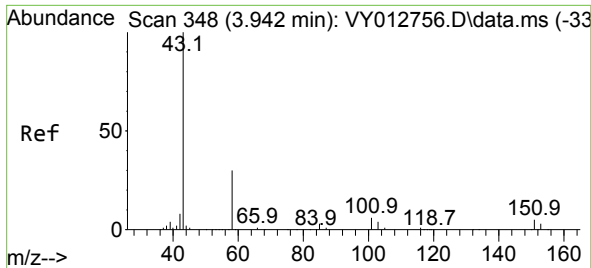
Tgt Ion:168 Resp: 75199
Ion Ratio Lower Upper
168 100
99 52.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 59 Resp: 256
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.658 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY013075.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

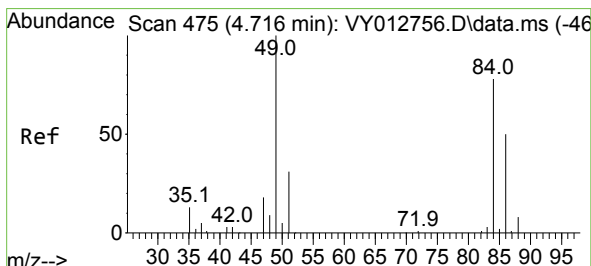
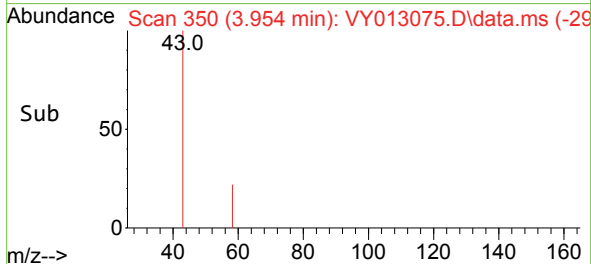
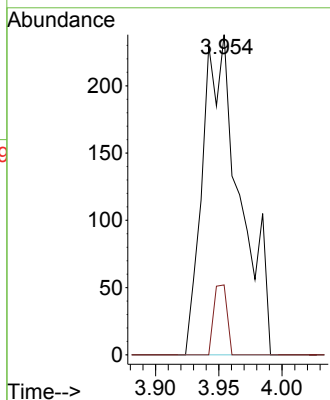
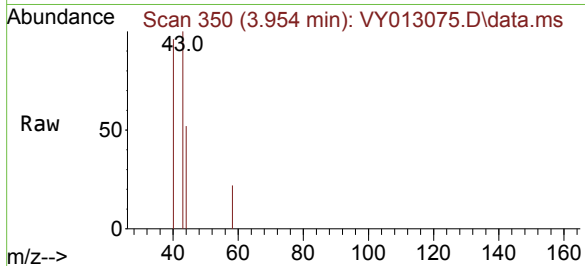
AU-05-32123

Tgt Ion: 43 Resp: 486

Ion Ratio Lower Upper

43 100

58 21.8 24.2 36.2#



#20

Methylene Chloride

Concen: 4.350 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013075.D

Acq: 24 Mar 2023 13:46

Tgt Ion: 84 Resp: 8277

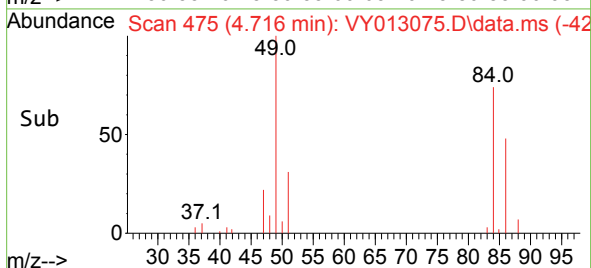
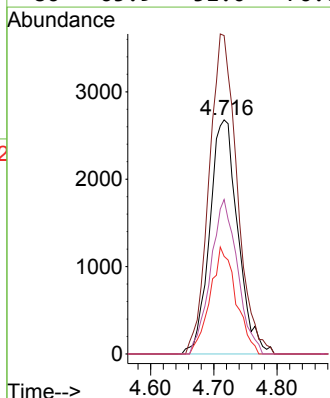
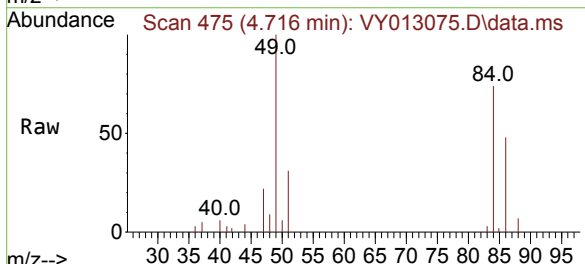
Ion Ratio Lower Upper

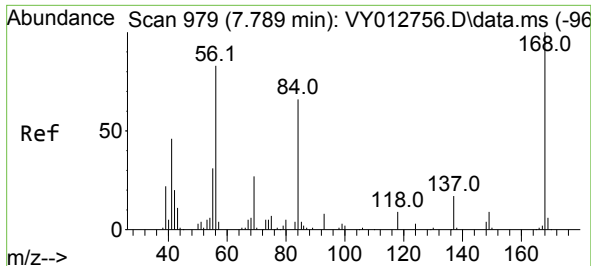
84 100

49 136.0 102.6 154.0

51 41.7 31.9 47.9

86 65.9 51.0 76.6

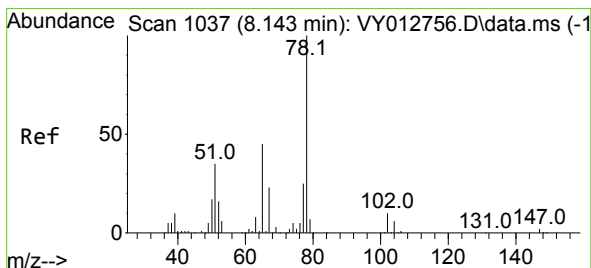
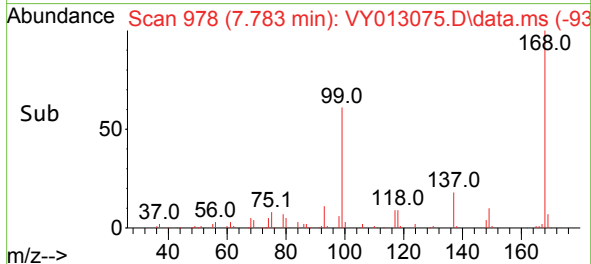
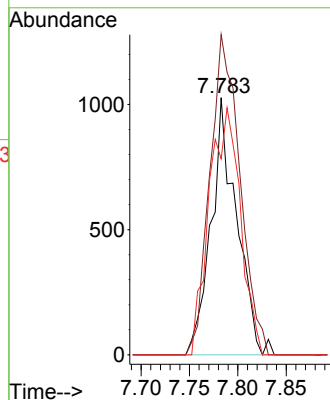
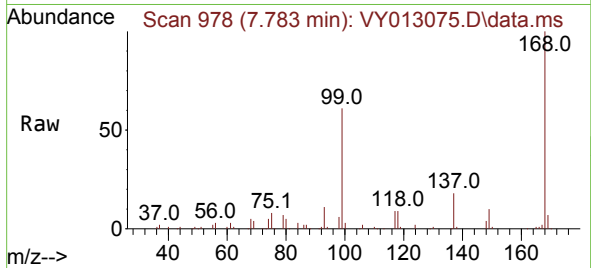




#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

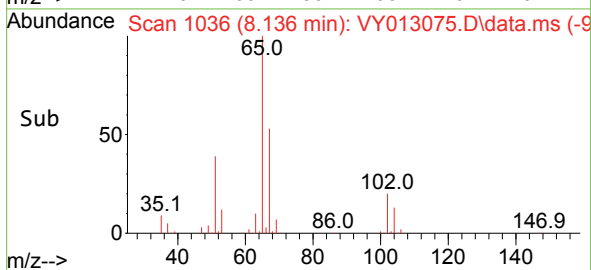
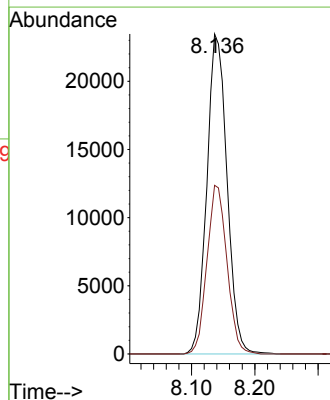
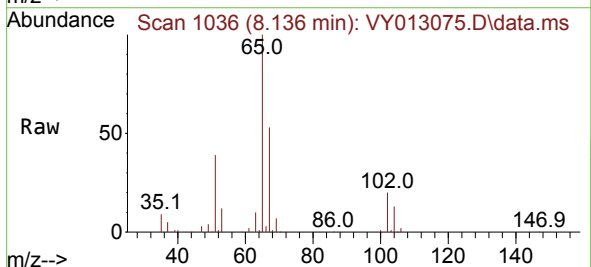
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-32123

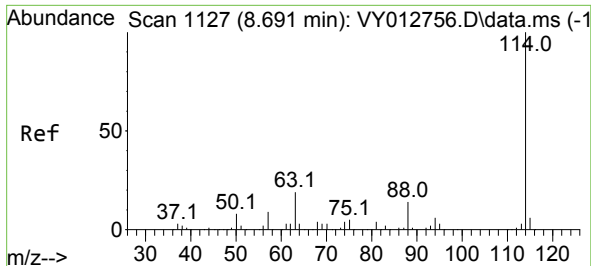
Tgt Ion: 56 Resp: 1880
Ion Ratio Lower Upper
56 100
69 124.5 25.7 38.5#
84 76.2 64.3 96.5



#33
1,2-Dichloroethane-d4
Concen: 69.707 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 65 Resp: 52045
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

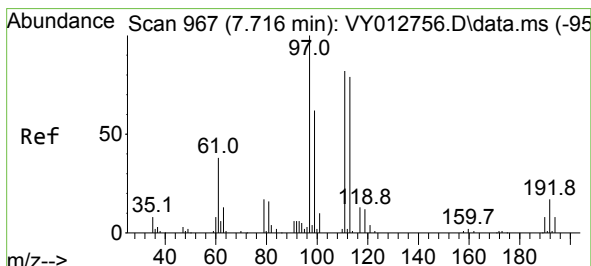
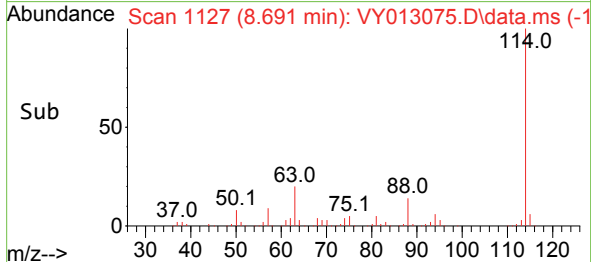
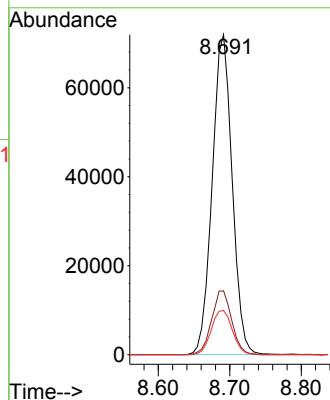
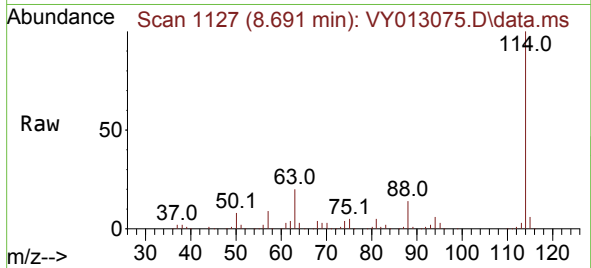




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

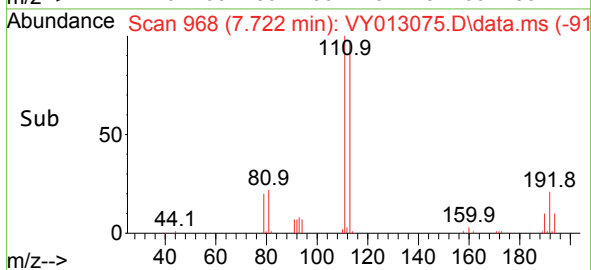
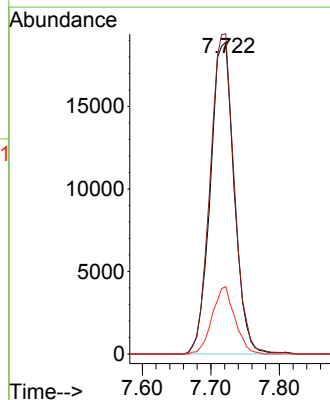
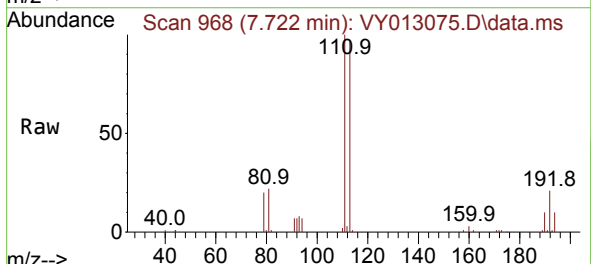
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-32123

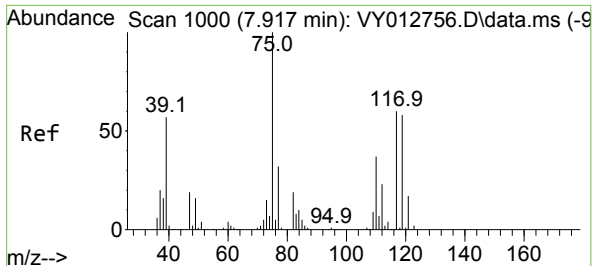
Tgt Ion:114 Resp: 139517
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 13.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 54.169 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Tgt Ion:113 Resp: 45609
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 20.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.390 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.122 min

Lab File: VY013075.D

Acq: 24 Mar 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-32123

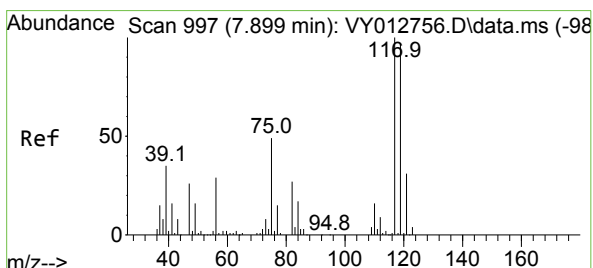
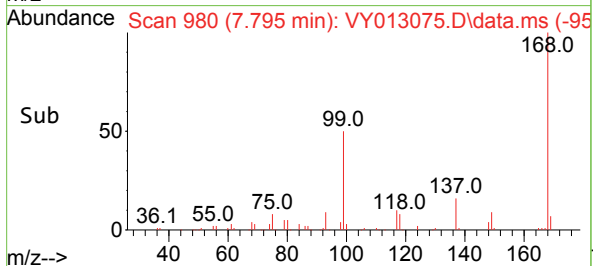
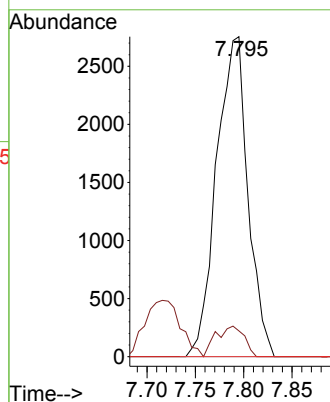
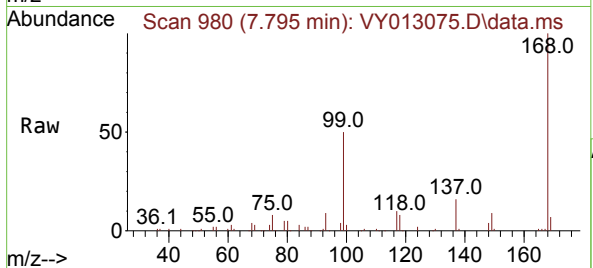
Tgt Ion: 75 Resp: 6194

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.112 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013075.D

Acq: 24 Mar 2023 13:46

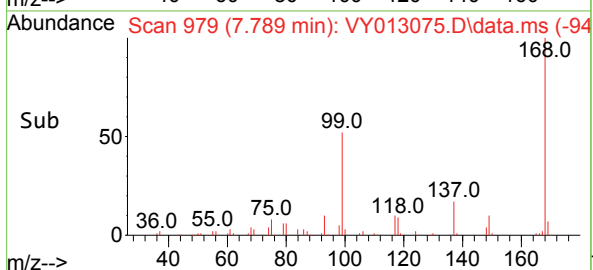
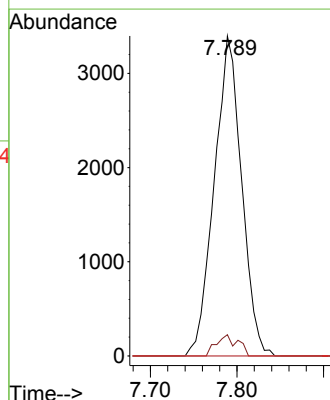
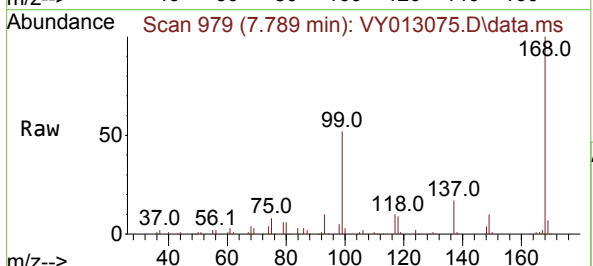
Tgt Ion: 117 Resp: 7449

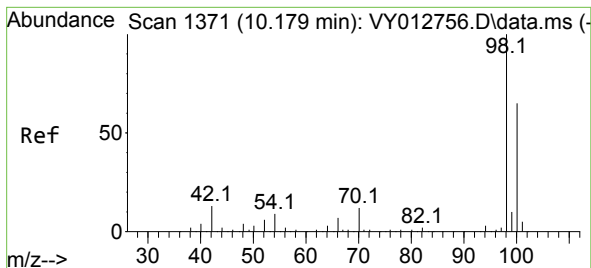
Ion Ratio Lower Upper

117 100

119 6.7 77.2 115.8#

121 0.0 24.7 37.1#

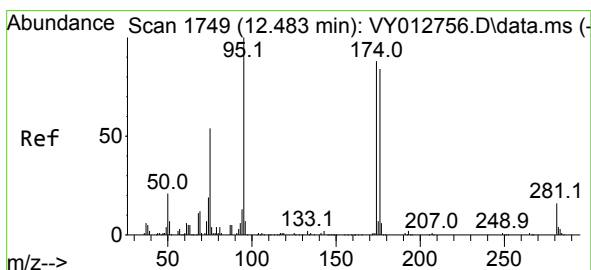
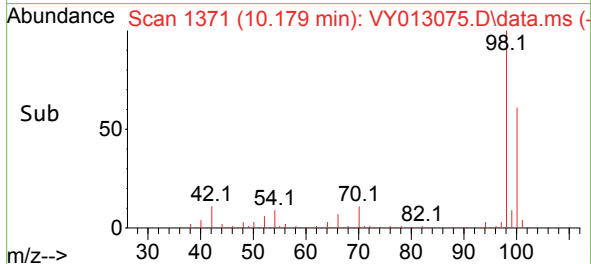
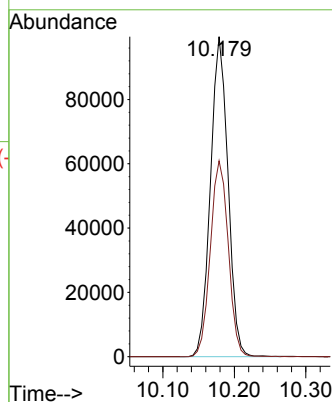
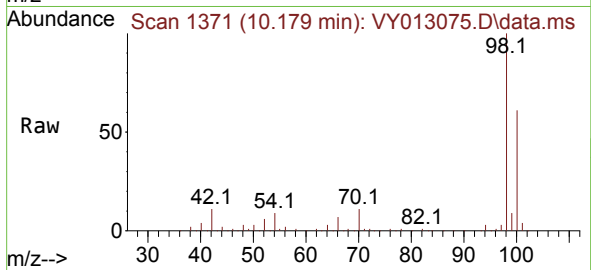




#50
Toluene-d8
Concen: 54.987 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

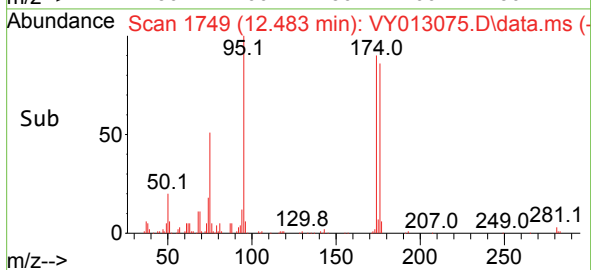
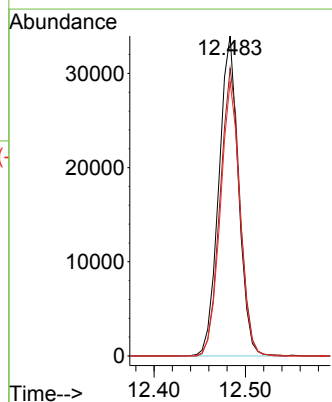
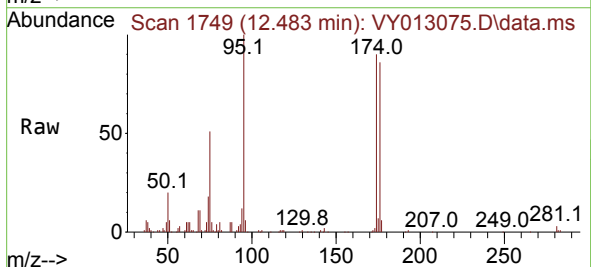
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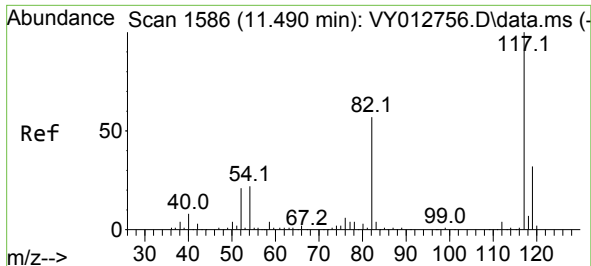
Tgt Ion: 98 Resp: 169256
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.855 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 95 Resp: 50757
Ion Ratio Lower Upper
95 100
174 91.0 0.0 176.6
176 85.6 0.0 170.2

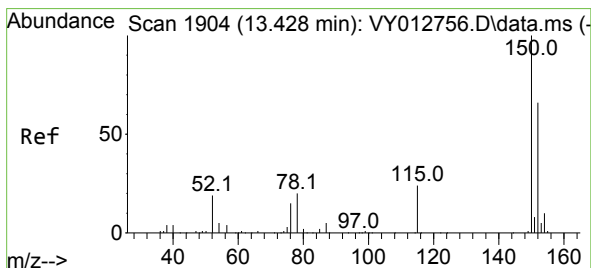
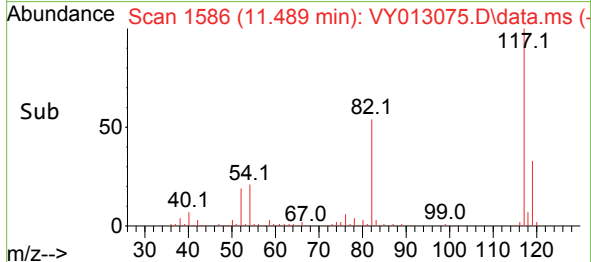
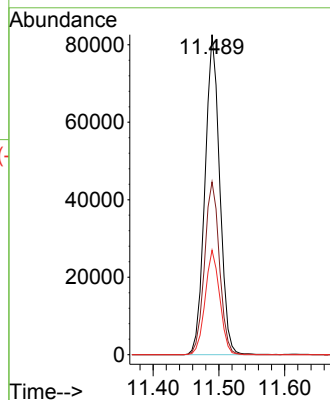
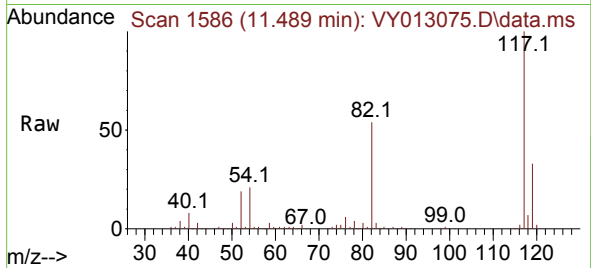




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

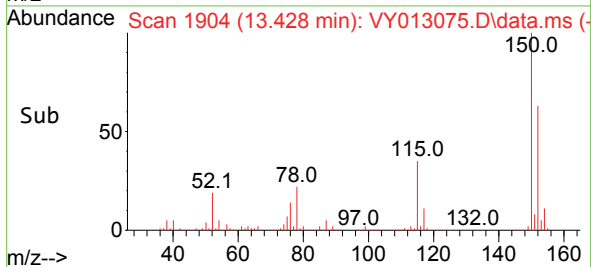
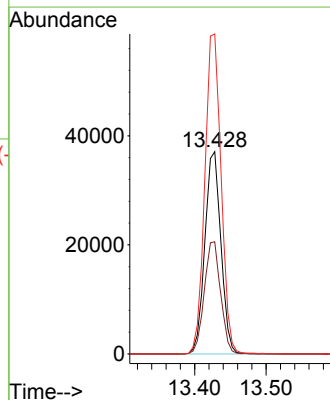
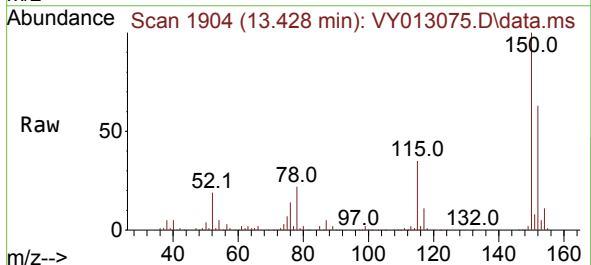
Instrument :
MSVOA_Y
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AU-05-32123

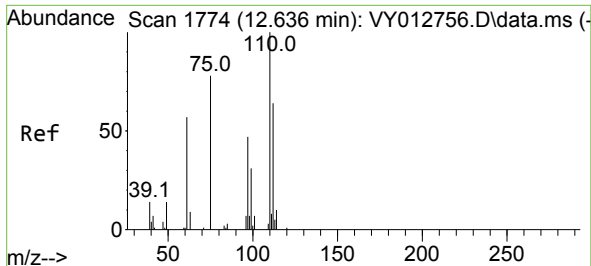
Tgt Ion:117 Resp: 128664
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Tgt Ion:152 Resp: 57939
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 160.5 0.0 347.8

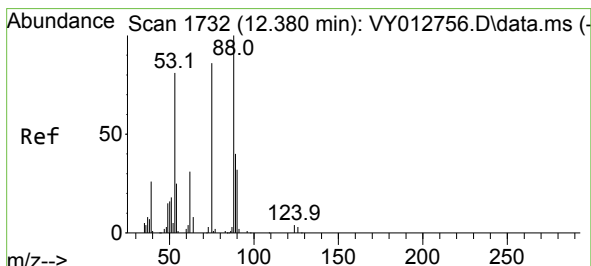
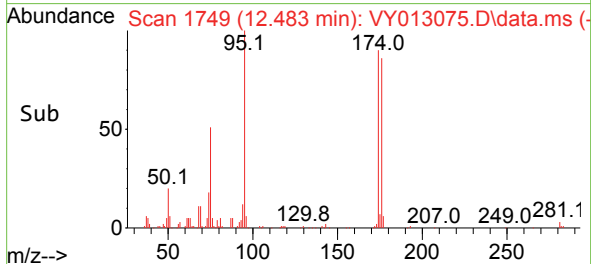
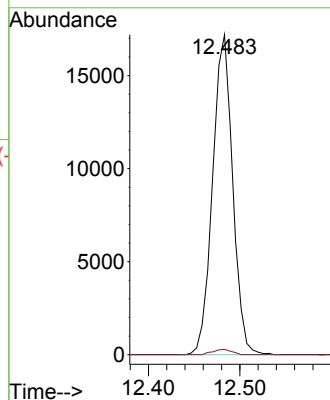
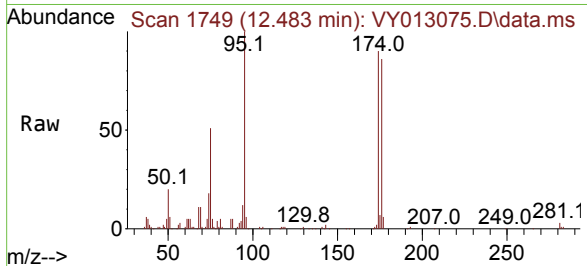




#76
1,2,3-Trichloropropane
Concen: 37.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :
AU-05-32123

Tgt Ion: 75 Resp: 26200
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.463 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013075.D
Acq: 24 Mar 2023 13:46

Tgt Ion: 75 Resp: 26200
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

