

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013108.D
 Acq On : 28 Mar 2023 11:54
 Operator : KP/MD
 Sample : VY0328SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBL01

Quant Time: Mar 29 02:25:53 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)

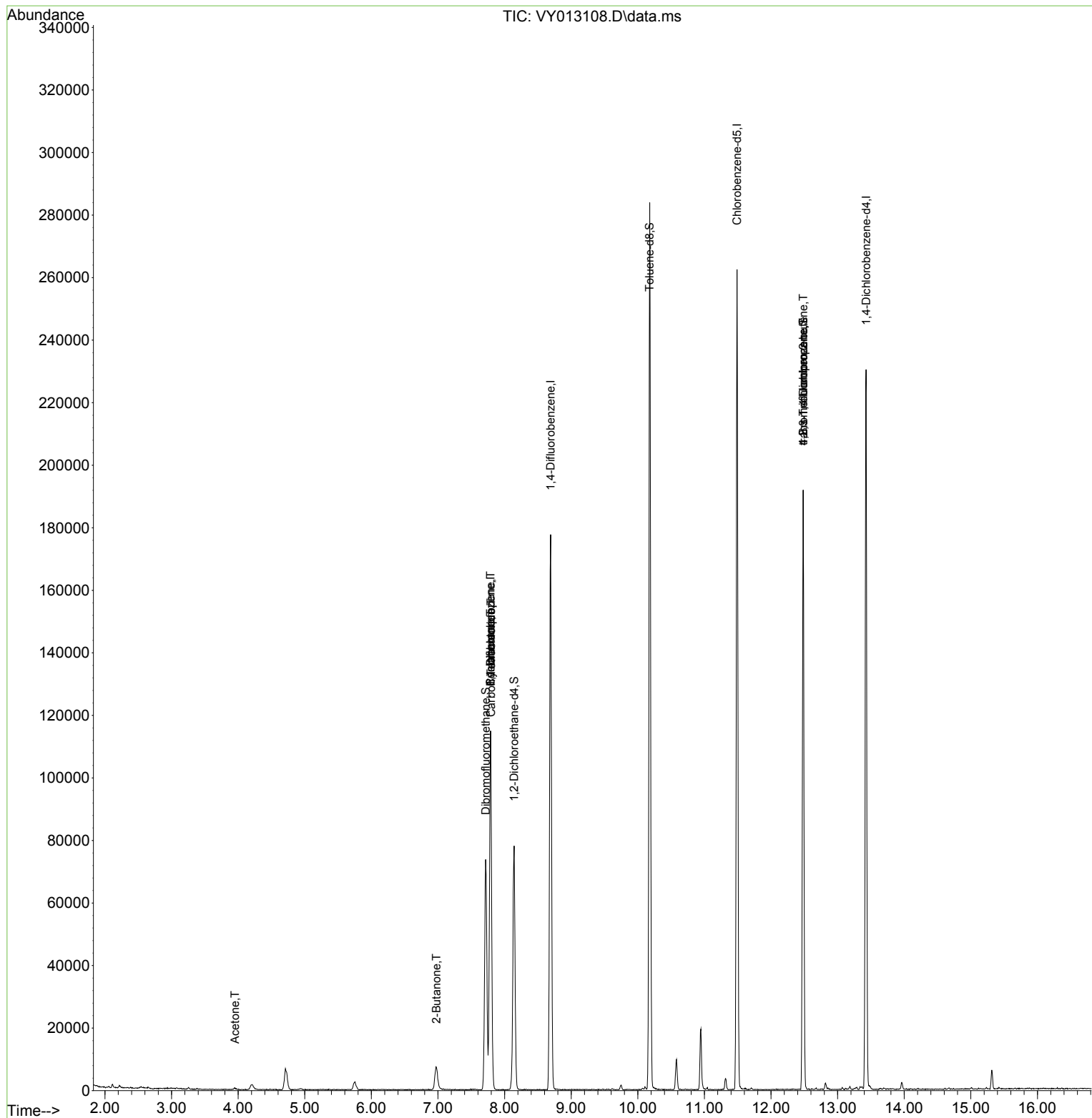
Internal Standards						
1) Pentafluorobenzene	7.789	168	86363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	134837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58494	68.217	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 136.440%	
35) Dibromofluoromethane	7.716	113	50744	57.498	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 115.000%	
50) Toluene-d8	10.179	98	176585	54.732	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 109.460%	
62) 4-Bromofluorobenzene	12.483	95	53696	49.309	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 98.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	272	Below Cal	#	74
16) Acetone	3.954	43	834	2.478	ug/l	99
20) Methylene Chloride	4.716	84	4752	Below Cal		95
25) 2-Butanone	6.978	43	541	1.298	ug/l	# 49
31) Cyclohexane	7.789	56	1865	1.136	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	6909	4.672	ug/l	# 48
38) Carbon Tetrachloride	7.795	117	8672	5.678	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	28827	41.011	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	28827	84.976	ug/l	# 13

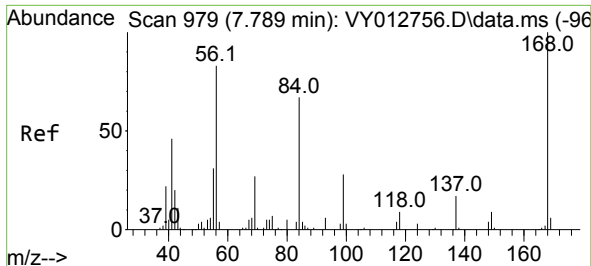
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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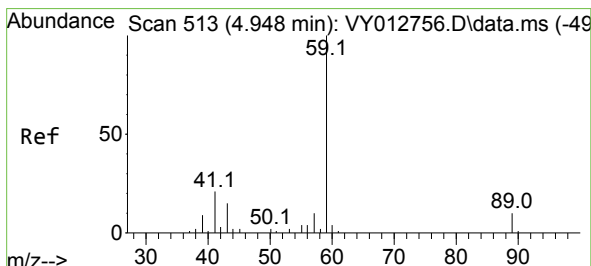
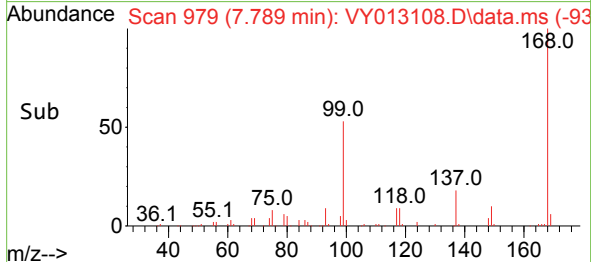
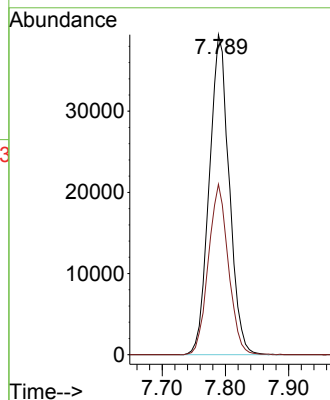
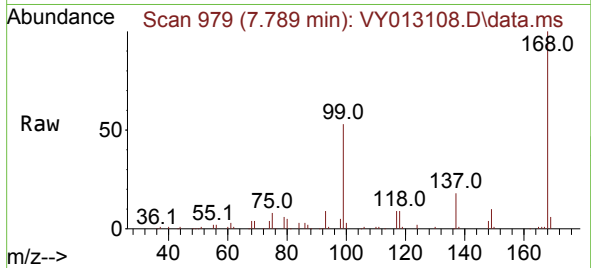




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013108.D
Acq: 28 Mar 2023 11:54

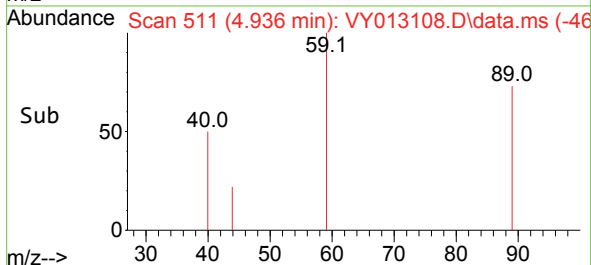
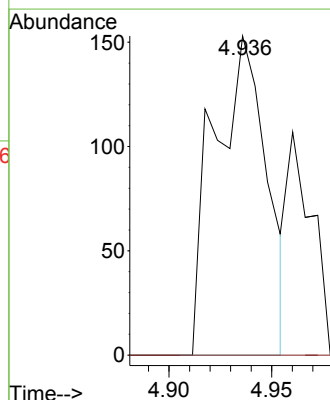
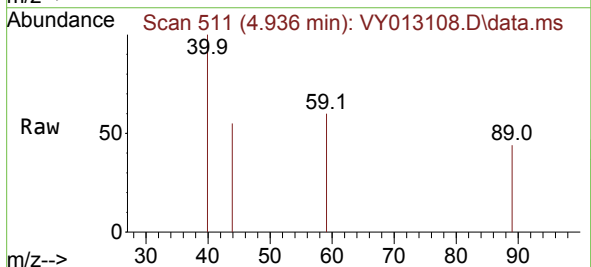
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

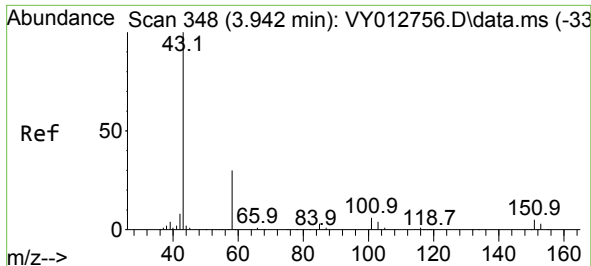
Tgt Ion:168 Resp: 86363
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013108.D
Acq: 28 Mar 2023 11:54

Tgt Ion: 59 Resp: 272
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 2.478 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY013108.D

Acq: 28 Mar 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

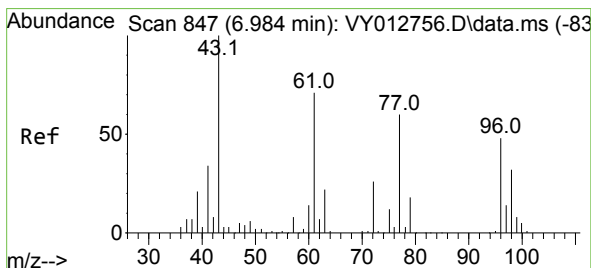
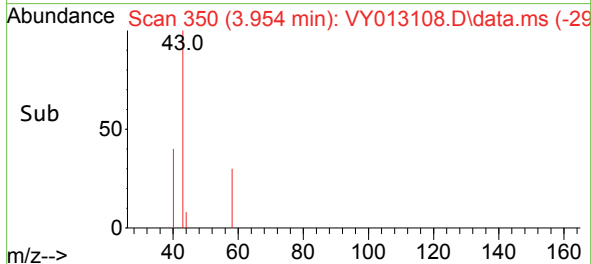
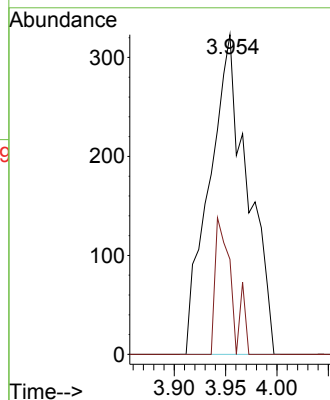
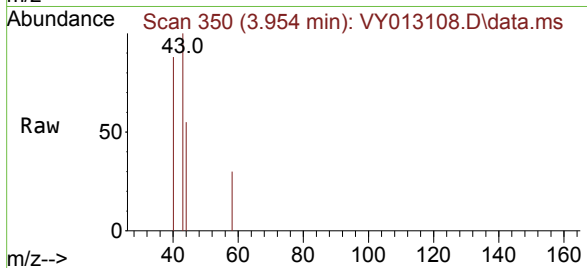
VY0328SBL01

Tgt Ion: 43 Resp: 834

Ion Ratio Lower Upper

43 100

58 29.7 24.2 36.2



#25

2-Butanone

Concen: 1.298 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013108.D

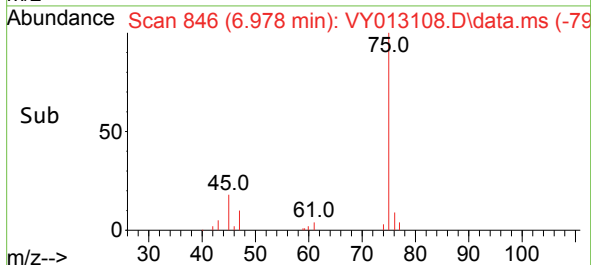
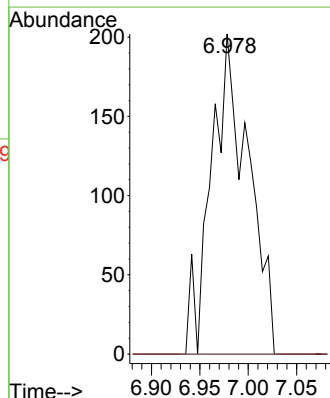
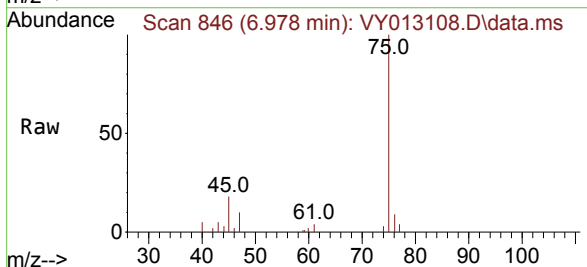
Acq: 28 Mar 2023 11:54

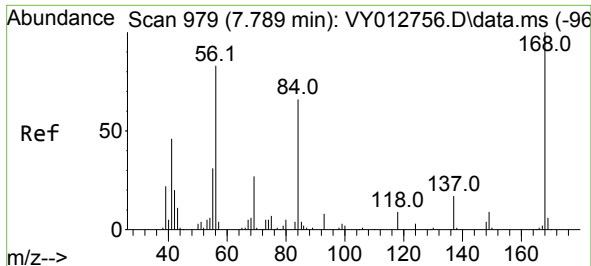
Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#

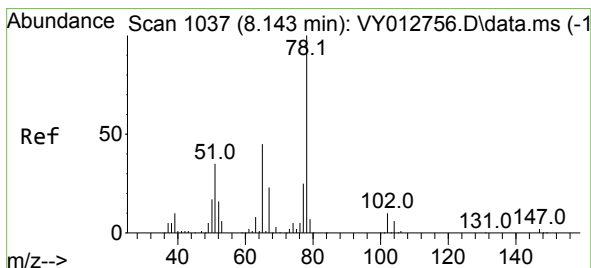
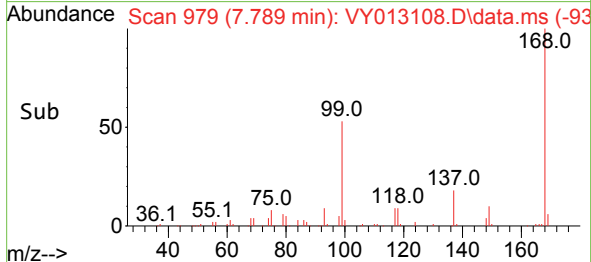
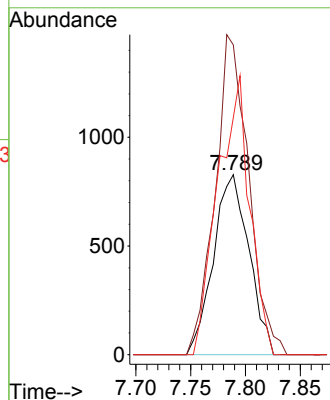
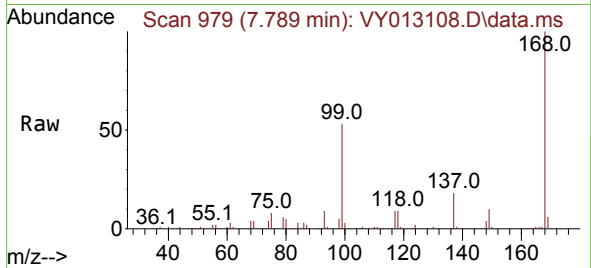




#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013108.D
Acq: 28 Mar 2023 11:54

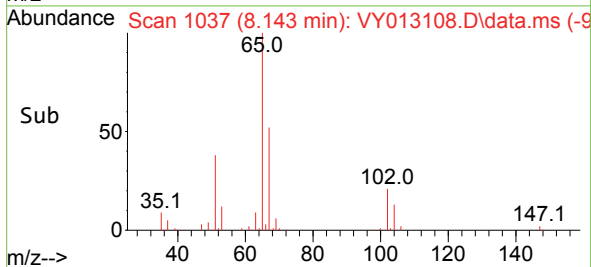
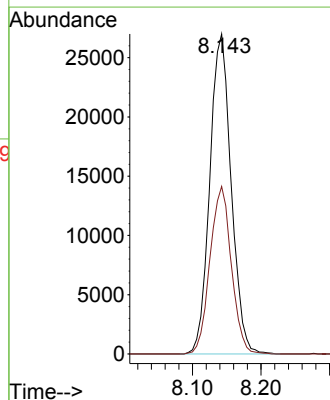
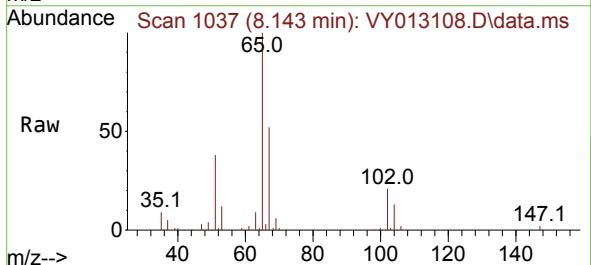
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

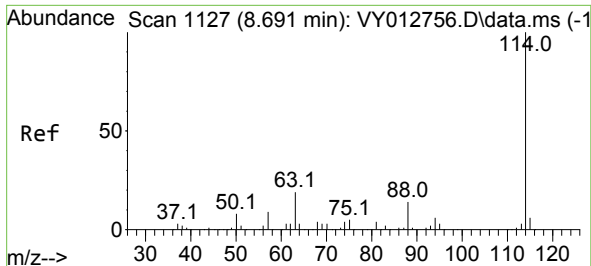
Tgt Ion: 56 Resp: 1865
Ion Ratio Lower Upper
56 100
69 172.1 25.7 38.5#
84 131.8 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 68.217 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013108.D
Acq: 28 Mar 2023 11:54

Tgt Ion: 65 Resp: 58494
Ion Ratio Lower Upper
65 100
67 52.3 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: VY013108.D

Acq: 28 Mar 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0328SBL01

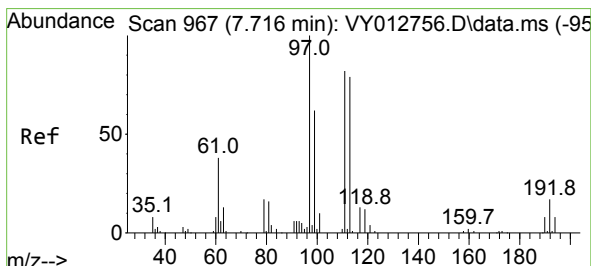
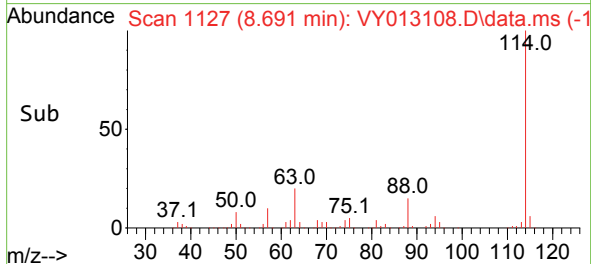
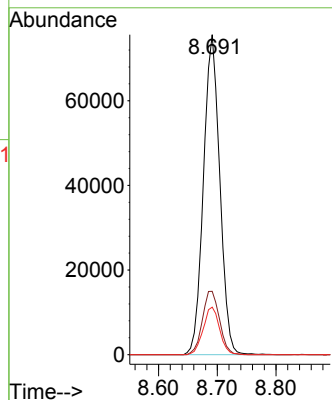
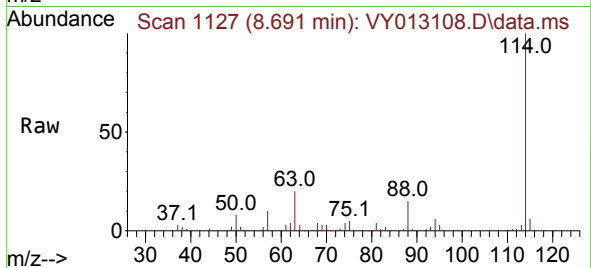
Tgt Ion:114 Resp: 146236

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.498 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013108.D

Acq: 28 Mar 2023 11:54

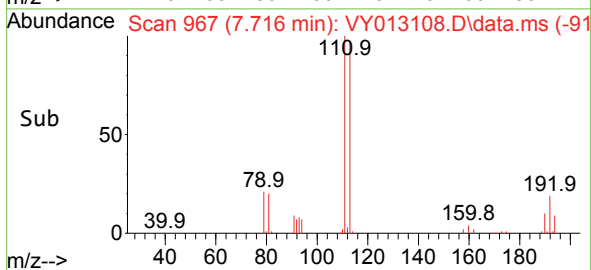
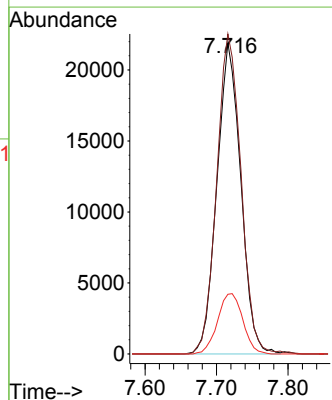
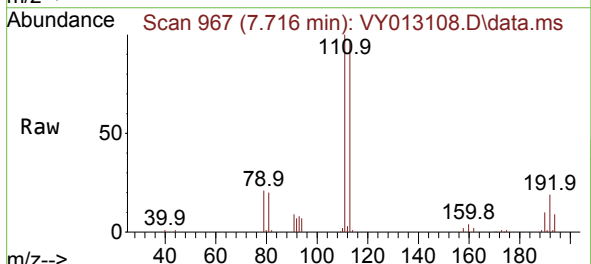
Tgt Ion:113 Resp: 50744

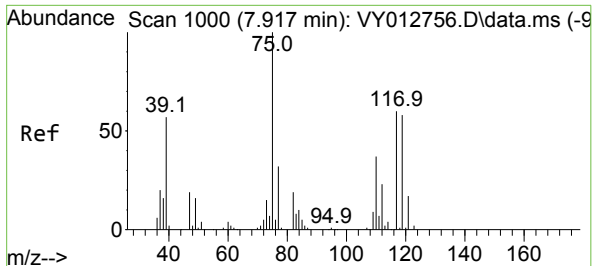
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.2

192 20.5 16.8 25.2

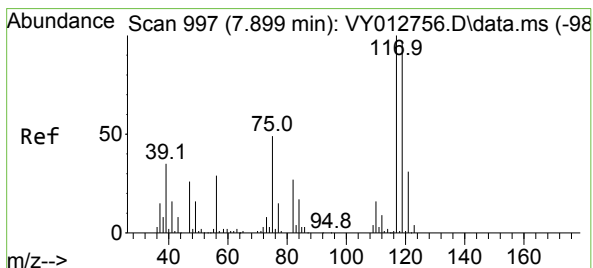
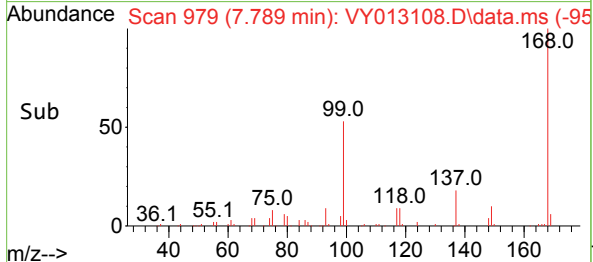
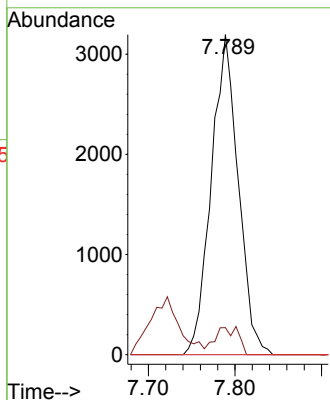
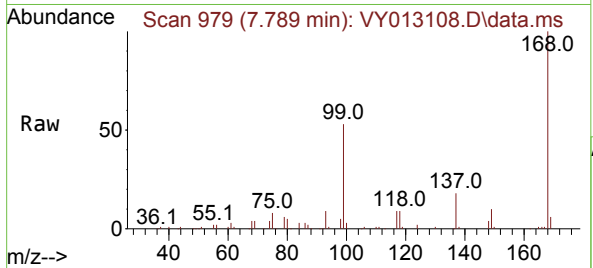




#36
 1,1-Dichloropropene
 Concen: 4.672 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY013108.D
 Acq: 28 Mar 2023 11:54

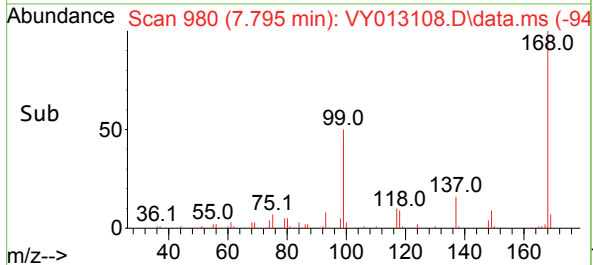
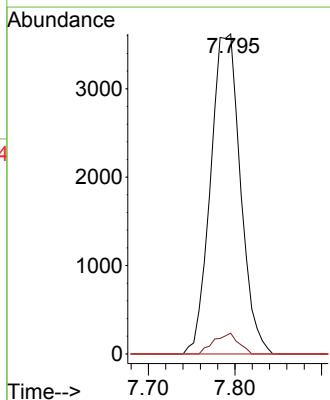
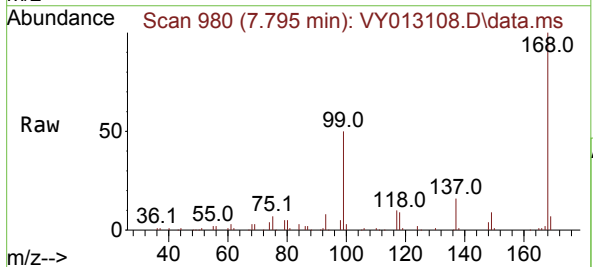
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBL01

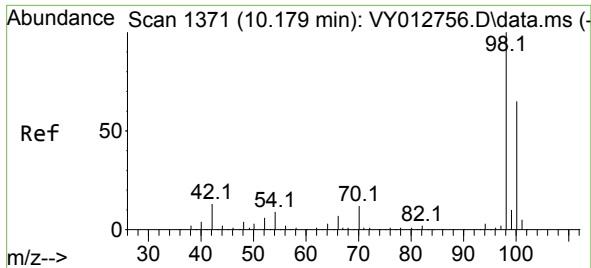
Tgt Ion: 75 Resp: 6909
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.678 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.104 min
 Lab File: VY013108.D
 Acq: 28 Mar 2023 11:54

Tgt Ion: 117 Resp: 8672
 Ion Ratio Lower Upper
 117 100
 119 6.5 77.2 115.8#
 121 0.0 24.7 37.1#

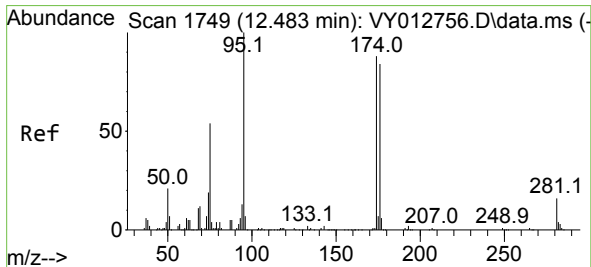
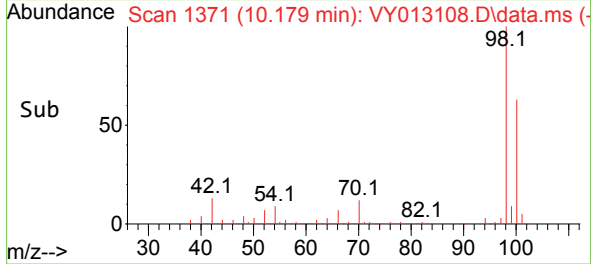
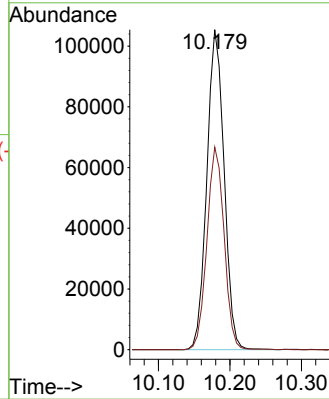
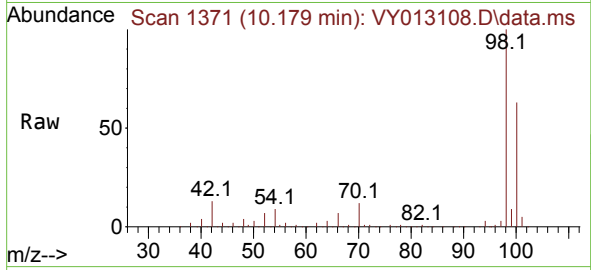




#50
Toluene-d8
Concen: 54.732 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013108.D
Acq: 28 Mar 2023 11:54

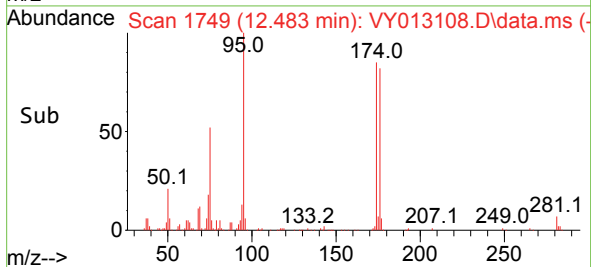
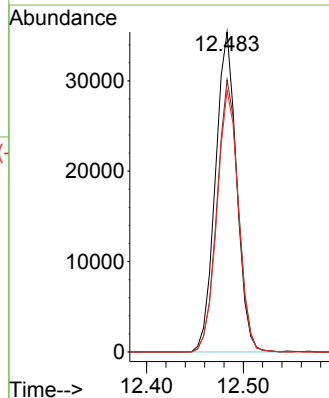
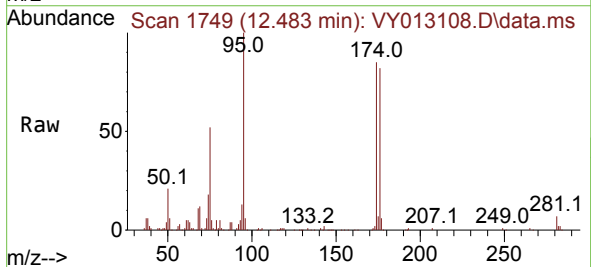
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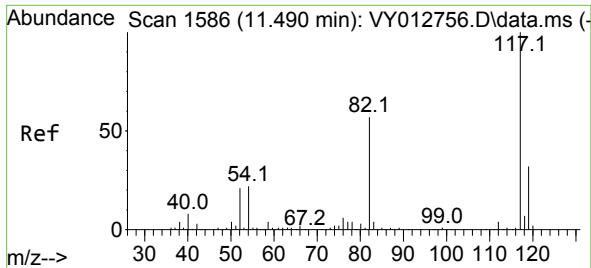
Tgt Ion: 98 Resp: 176585
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.309 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013108.D
Acq: 28 Mar 2023 11:54

Tgt Ion: 95 Resp: 53696
Ion Ratio Lower Upper
95 100
174 85.8 0.0 176.6
176 82.9 0.0 170.2

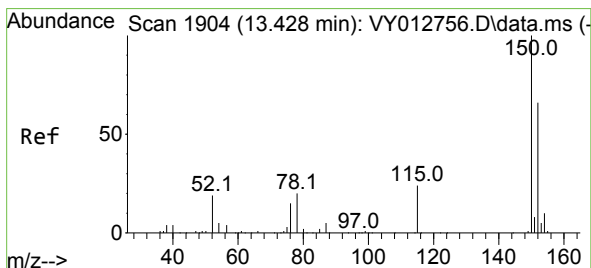
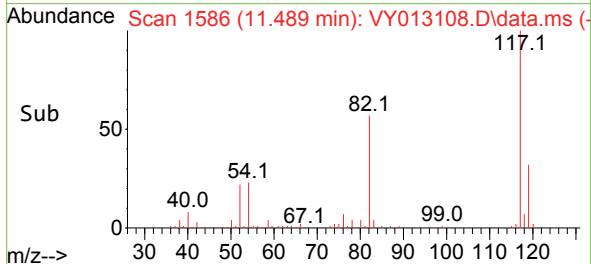
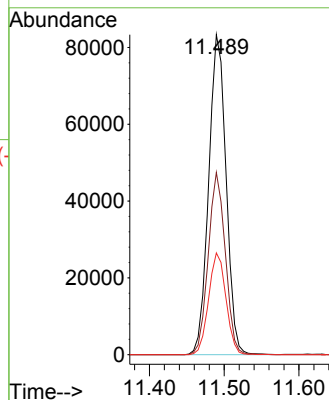
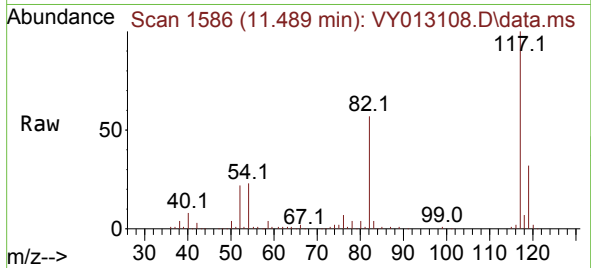




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013108.D
Acq: 28 Mar 2023 11:54

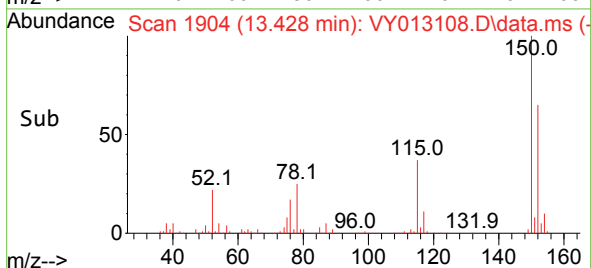
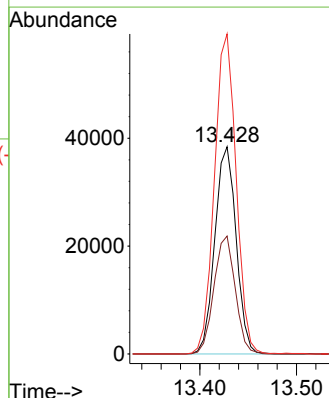
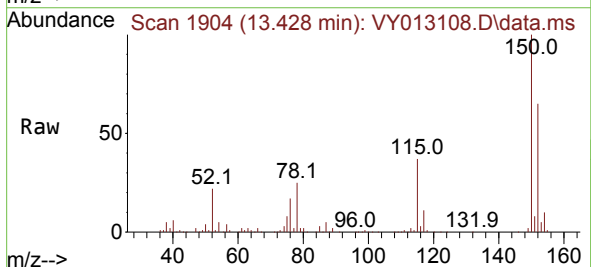
Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

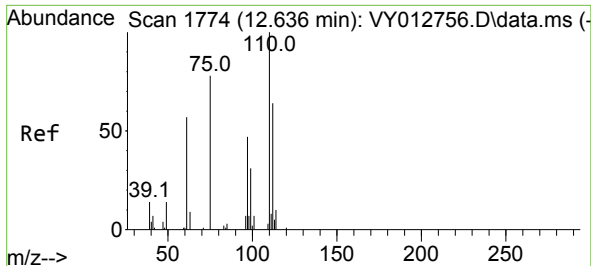
Tgt Ion:117 Resp: 134837
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013108.D
Acq: 28 Mar 2023 11:54

Tgt Ion:152 Resp: 58862
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 156.7 0.0 347.8

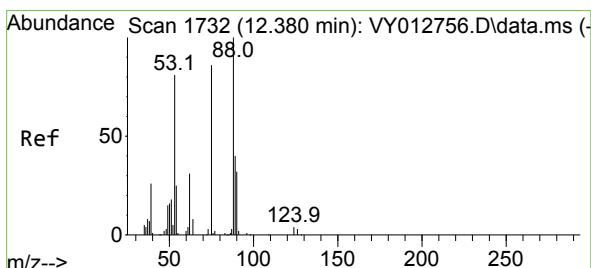
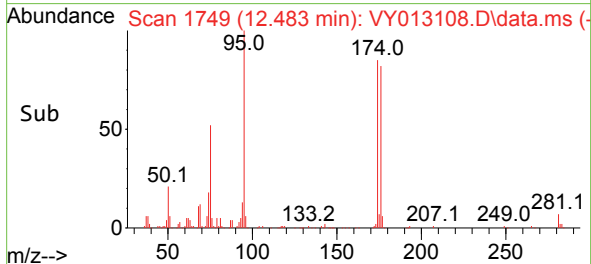
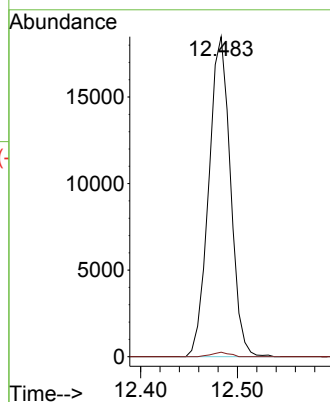
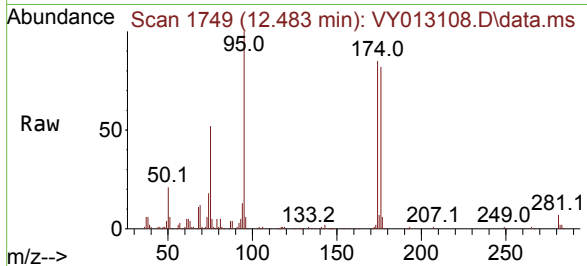




#76
1,2,3-Trichloropropane
Concen: 41.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013108.D
Acq: 28 Mar 2023 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0328SBL01

Tgt Ion: 75 Resp: 28827
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013108.D
Acq: 28 Mar 2023 11:54

Tgt Ion: 75 Resp: 28827
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

