

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013086.D
 Acq On : 27 Mar 2023 13:00
 Operator : KP/MD
 Sample : VY0327SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBL01

Quant Time: Mar 27 16:17:45 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)

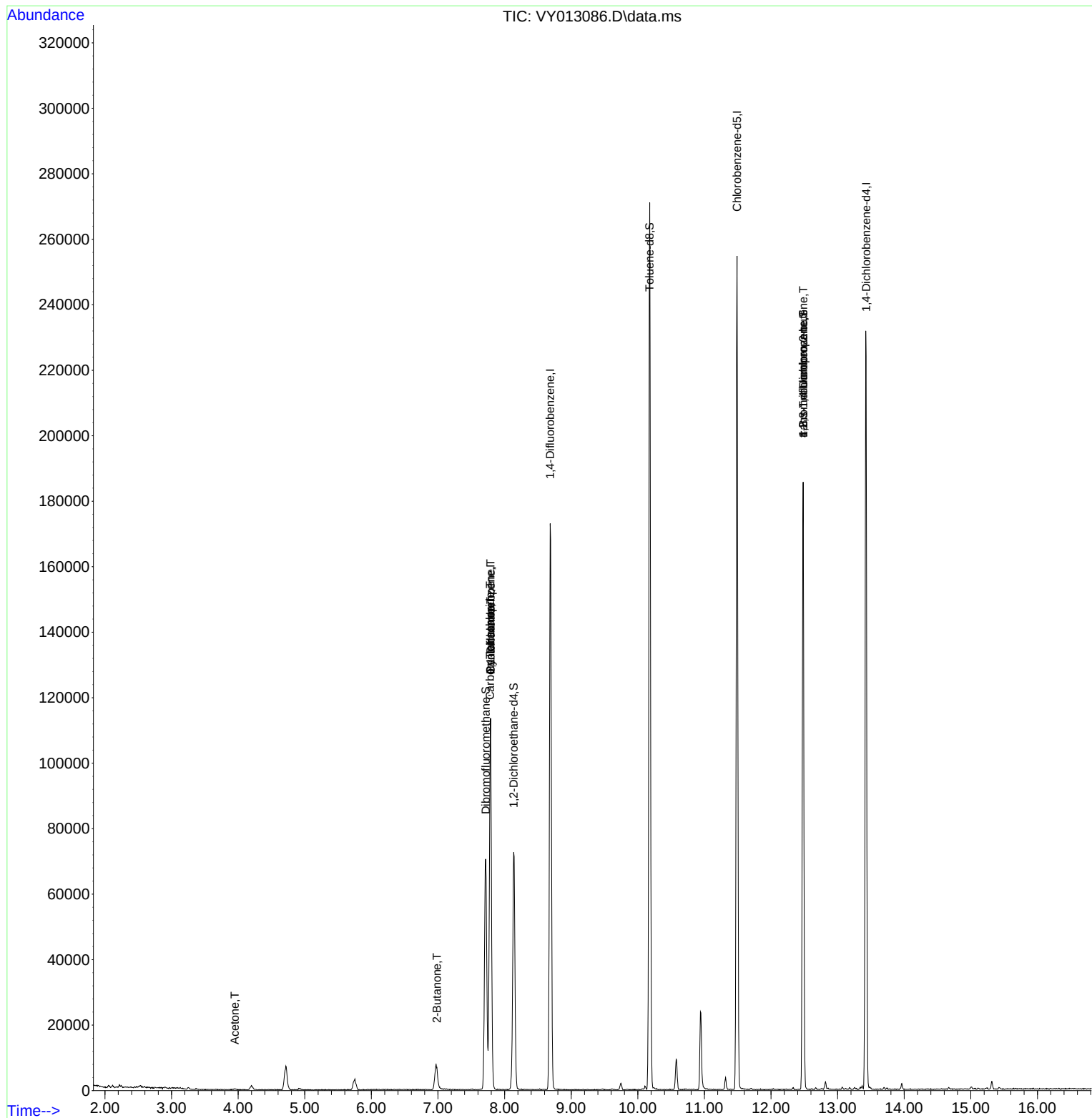
Internal Standards							
1) Pentafluorobenzene		7.789	168	84705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.685	114	145749	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.489	117	135644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.428	152	60181	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.136	65	55914	66.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.960%	
35) Dibromofluoromethane		7.716	113	50095	56.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.900%	
50) Toluene-d8		10.179	98	175292	54.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.020%	
62) 4-Bromofluorobenzene		12.483	95	53270	49.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.160%	
Target Compounds							
11) Tert butyl alcohol		4.936	59	367	Below Cal	#	74
16) Acetone		3.948	43	567	1.718	ug/l	100
20) Methylene Chloride		4.716	84	5206	Below Cal		96
25) 2-Butanone		6.984	43	536	1.311	ug/l #	49
31) Cyclohexane		7.789	56	1950	1.211	ug/l #	1
36) 1,1-Dichloropropene		7.789	75	6747	4.577	ug/l #	50
38) Carbon Tetrachloride		7.783	117	8186	5.378	ug/l #	16
76) 1,2,3-Trichloropropane		12.483	75	27615	38.426	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.483	75	27615	79.619	ug/l #	13

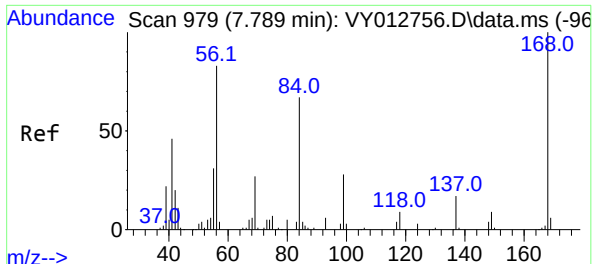
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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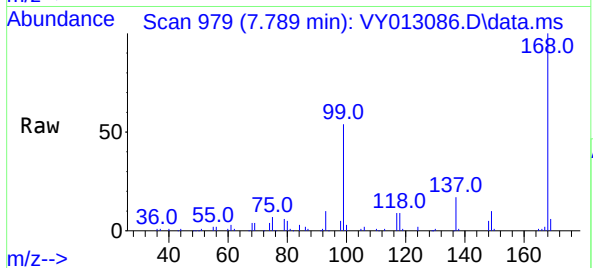
Quant Time: Mar 27 16:17:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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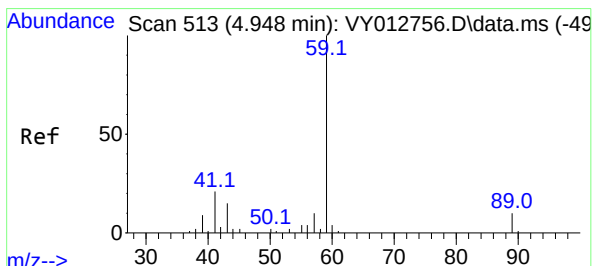
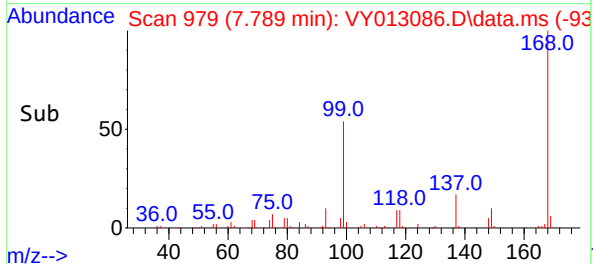
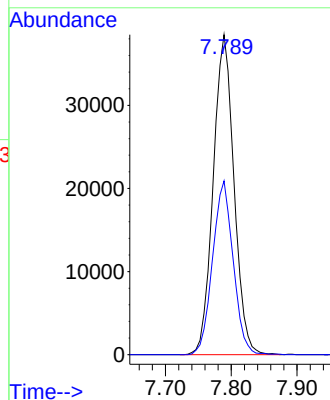


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

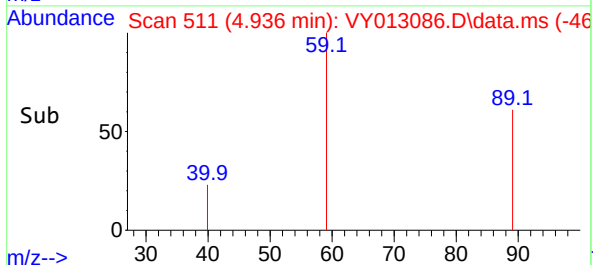
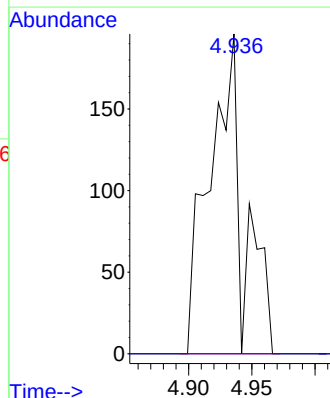
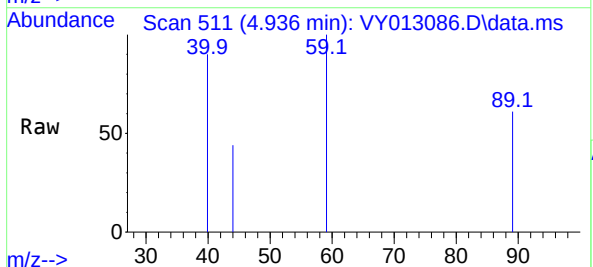


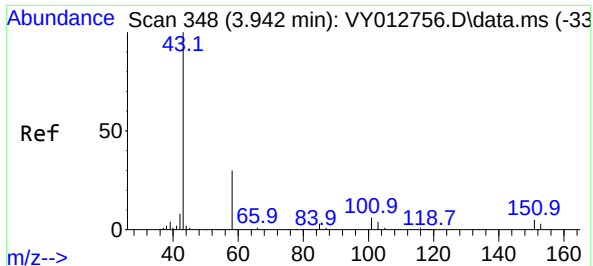
Tgt Ion:168 Resp: 84705
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Tgt Ion: 59 Resp: 367
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.718 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY013086.D

Acq: 27 Mar 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

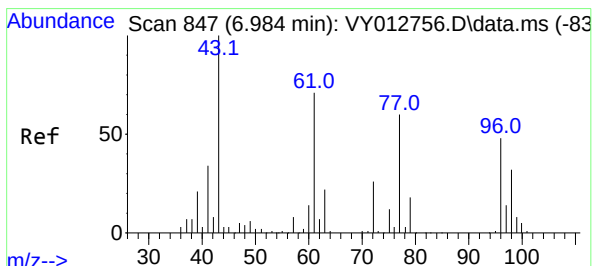
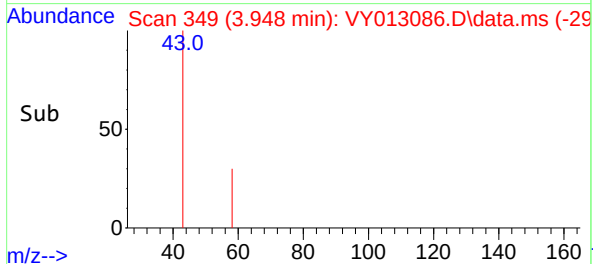
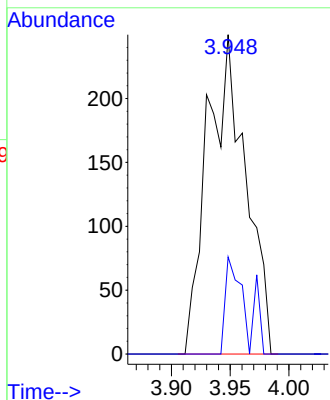
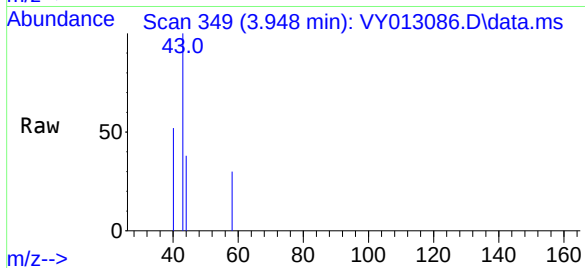
VY0327SBL01

Tgt Ion: 43 Resp: 567

Ion Ratio Lower Upper

43 100

58 30.4 24.2 36.2



#25

2-Butanone

Concen: 1.311 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013086.D

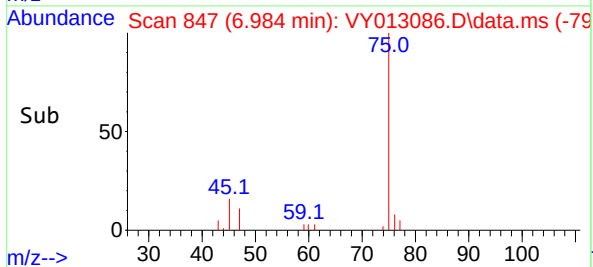
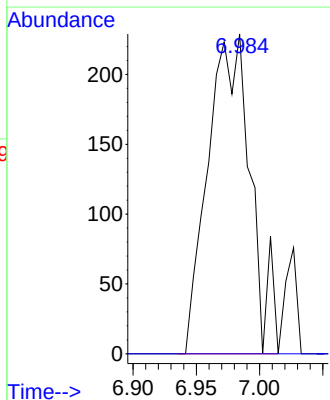
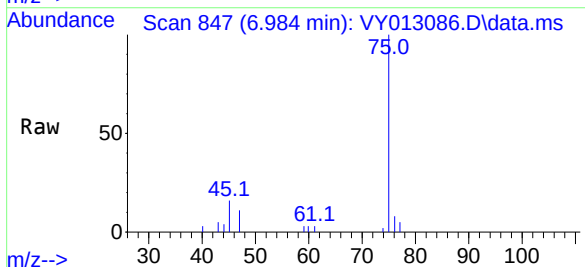
Acq: 27 Mar 2023 13:00

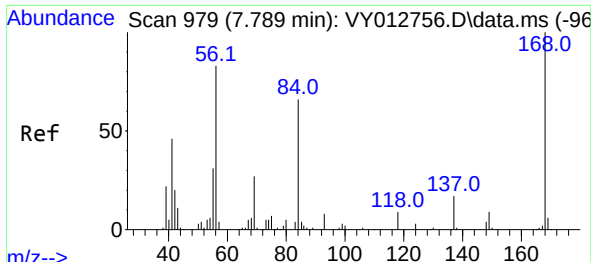
Tgt Ion: 43 Resp: 536

Ion Ratio Lower Upper

43 100

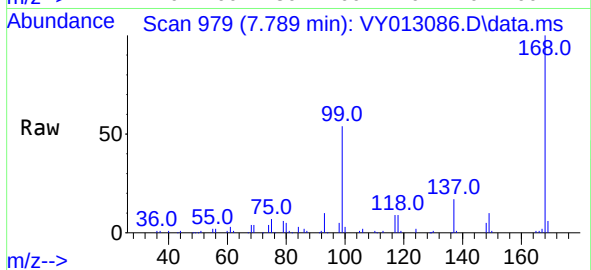
72 0.0 21.0 31.4#



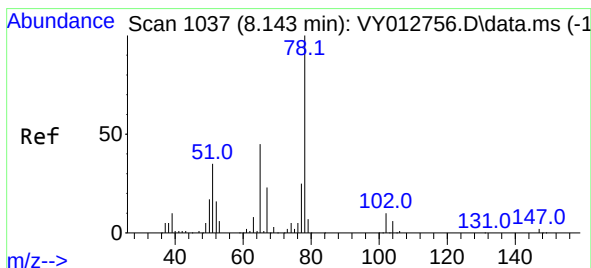
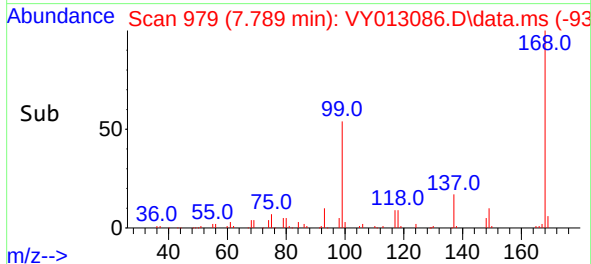
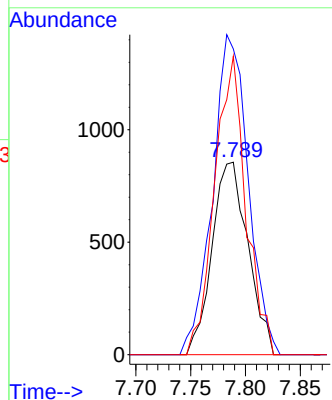


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

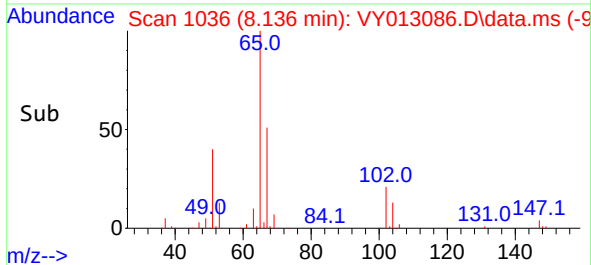
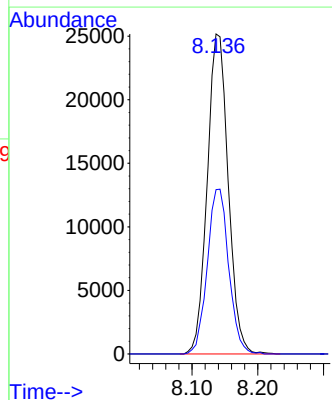
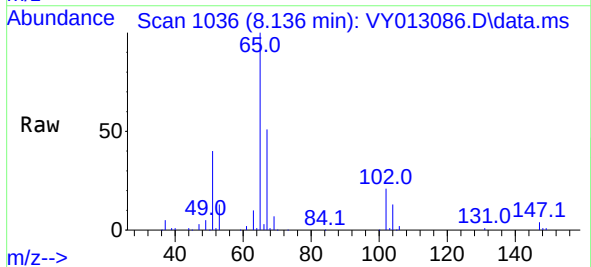


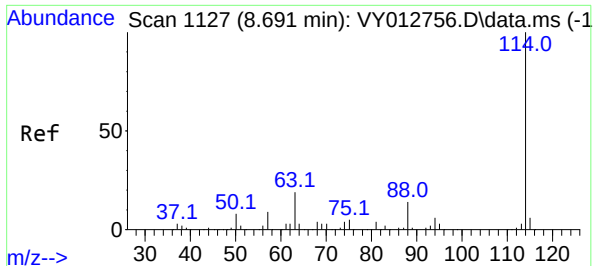
Tgt Ion: 56 Resp: 1950
Ion Ratio Lower Upper
56 100
69 158.9 25.7 38.5#
84 155.0 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 66.484 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Tgt Ion: 65 Resp: 55914
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

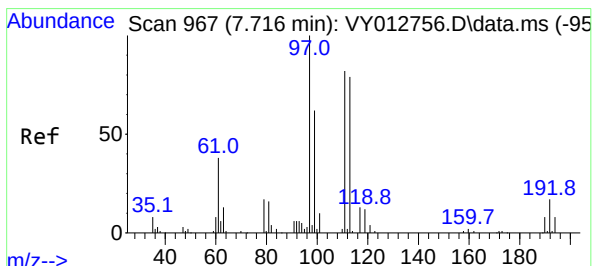
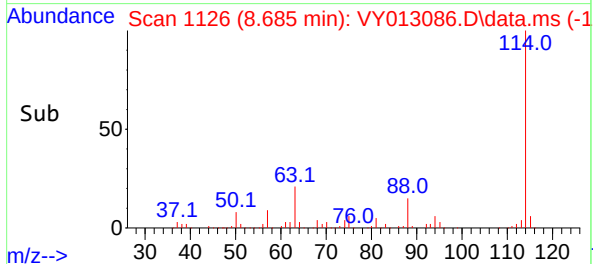
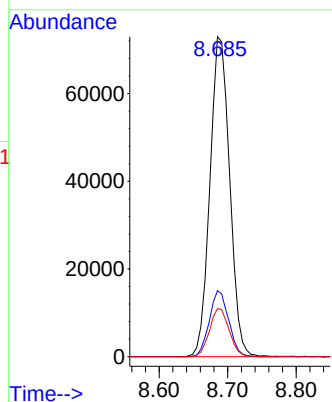
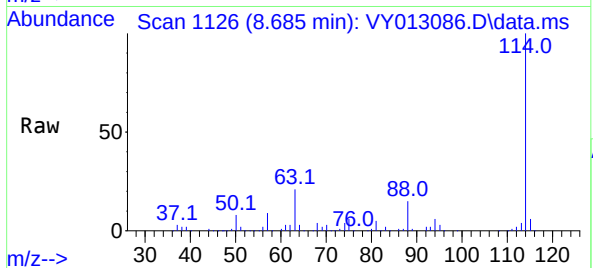




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

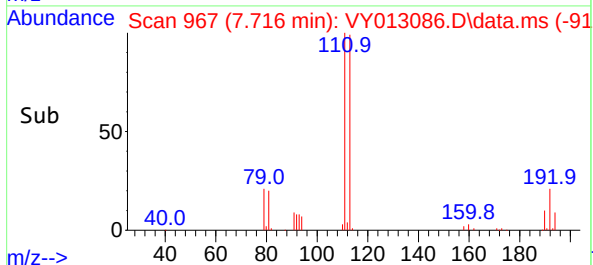
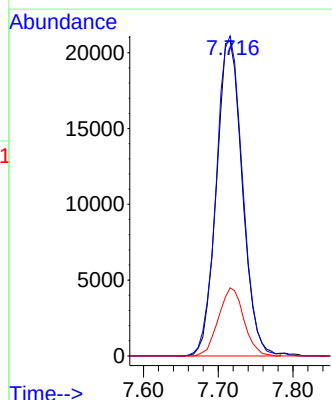
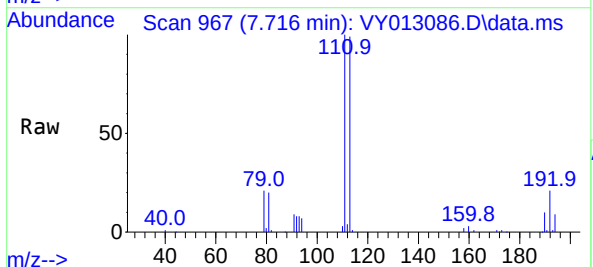
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

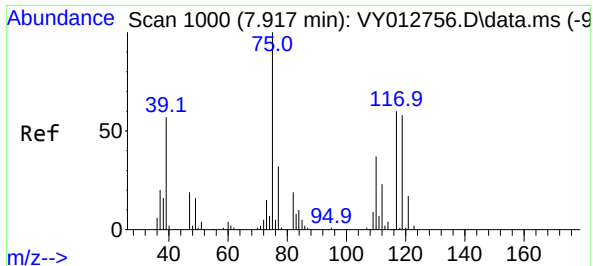
Tgt Ion:114 Resp: 145749
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 15.1 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.952 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Tgt Ion:113 Resp: 50095
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 21.1 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.577 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013086.D

Acq: 27 Mar 2023 13:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBL01

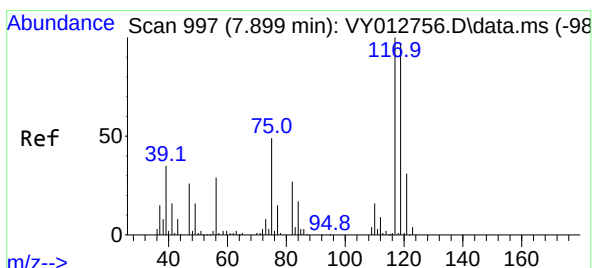
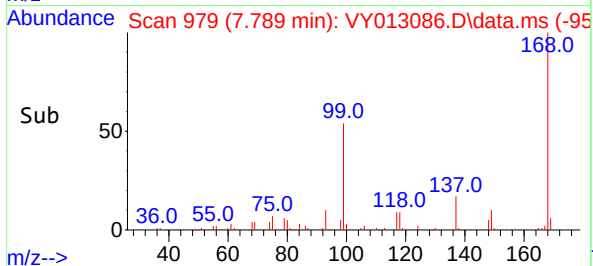
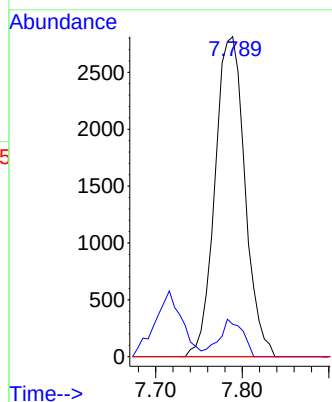
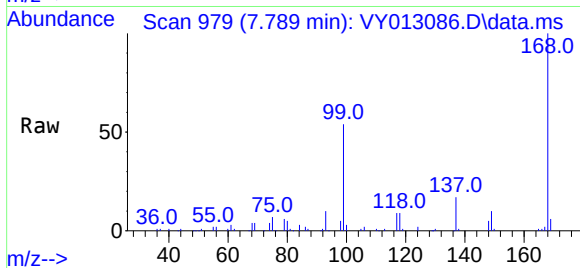
Tgt Ion: 75 Resp: 6747

Ion Ratio Lower Upper

75 100

110 9.3 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.378 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013086.D

Acq: 27 Mar 2023 13:00

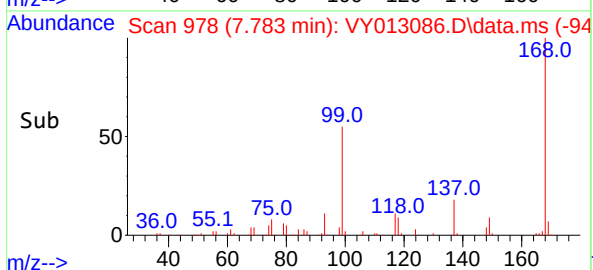
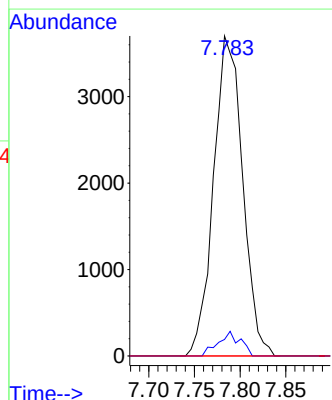
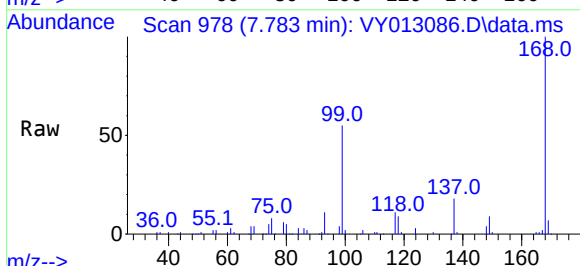
Tgt Ion: 117 Resp: 8186

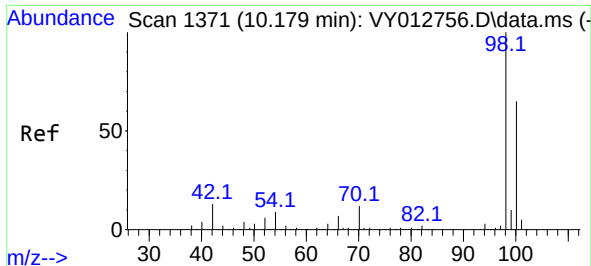
Ion Ratio Lower Upper

117 100

119 5.1 77.2 115.8#

121 0.0 24.7 37.1#

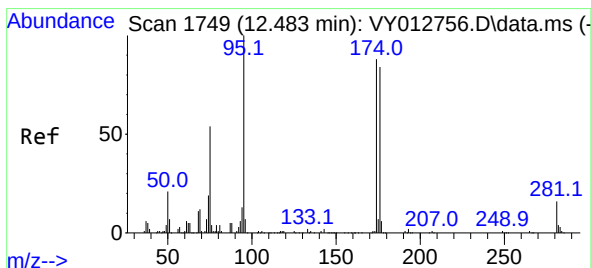
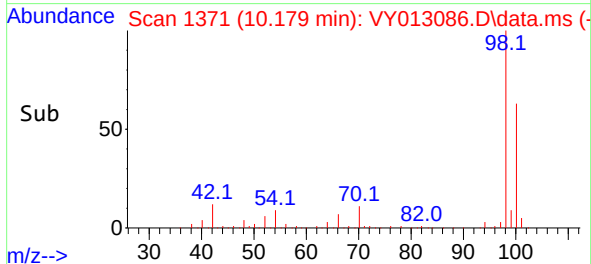
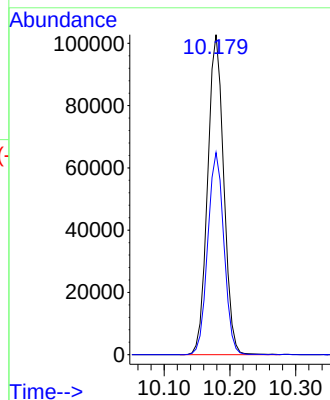
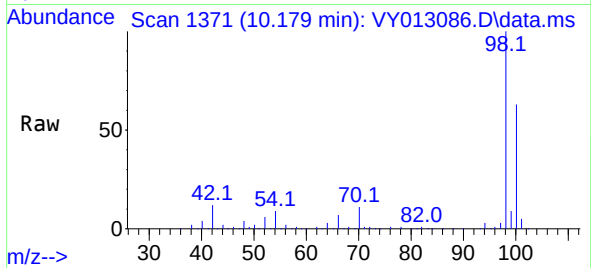




#50
Toluene-d8
Concen: 54.513 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

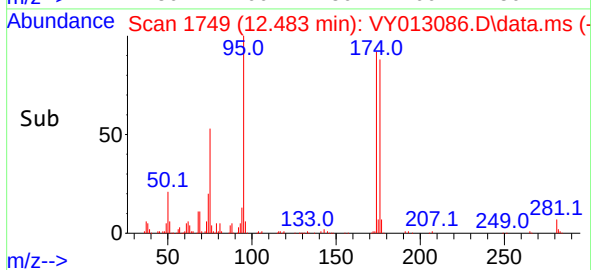
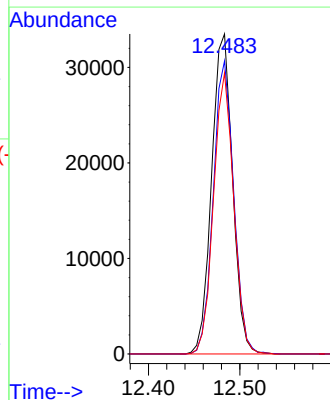
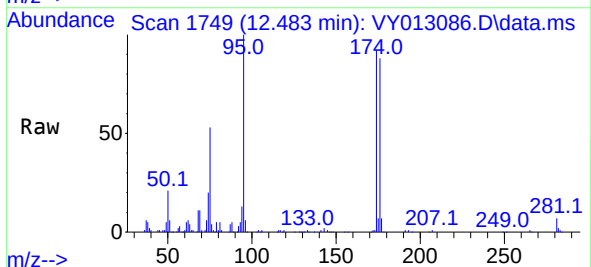
Instrument :
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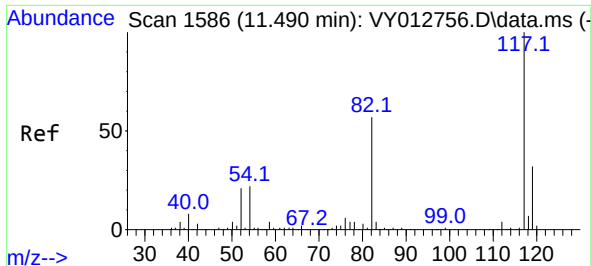
Tgt Ion: 98 Resp: 175292
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.081 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Tgt Ion: 95 Resp: 53270
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 84.6 0.0 170.2

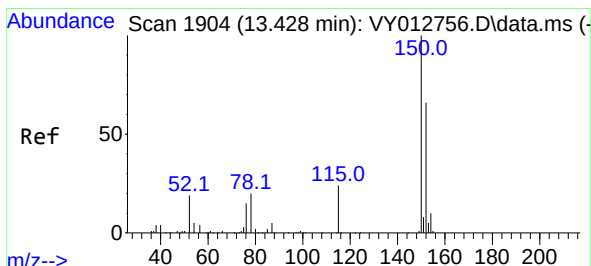
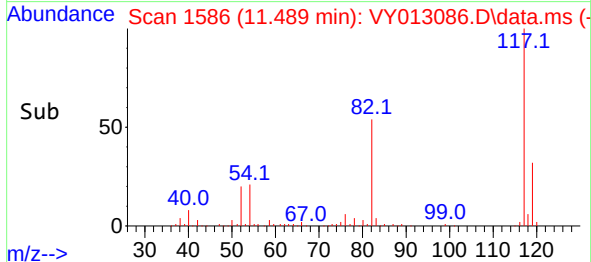
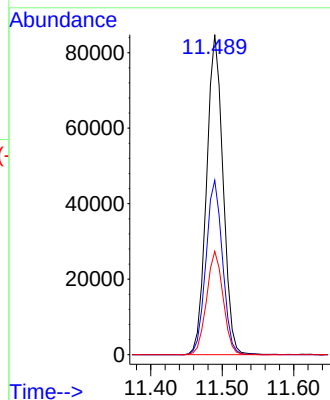
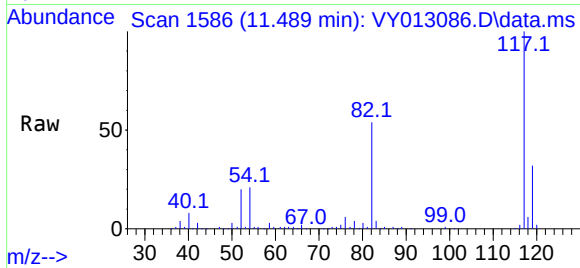




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

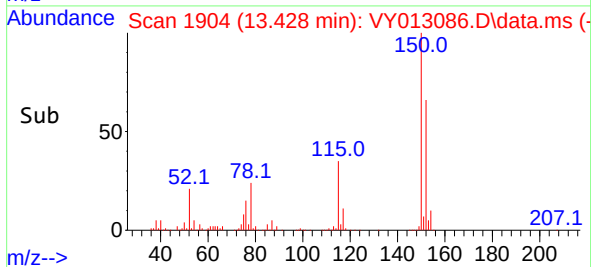
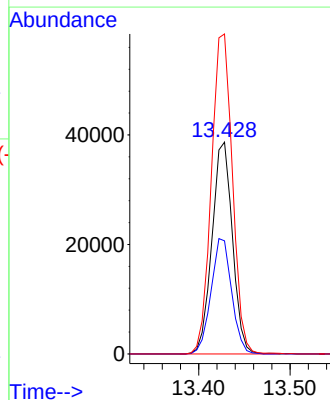
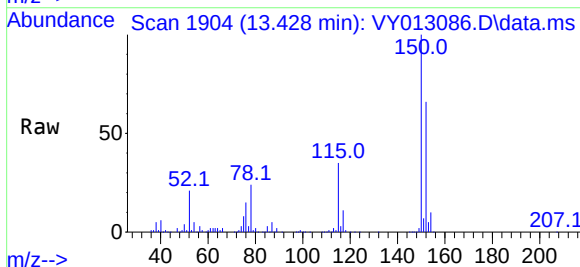
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

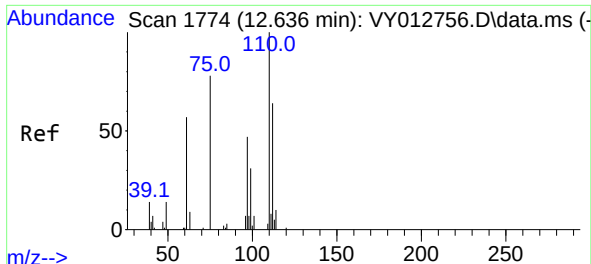
Tgt Ion:117 Resp: 135644
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Tgt Ion:152 Resp: 60181
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 155.3 0.0 347.8

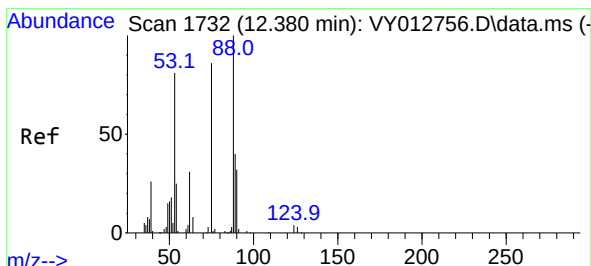
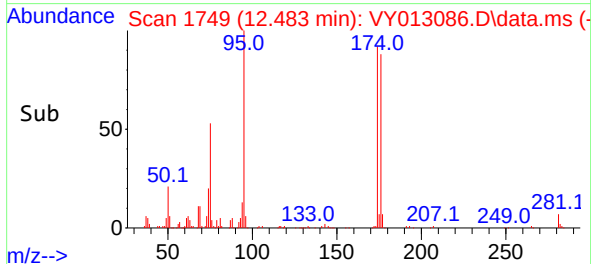
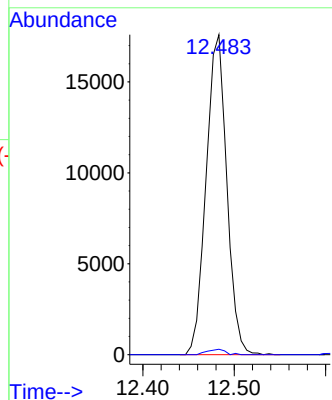
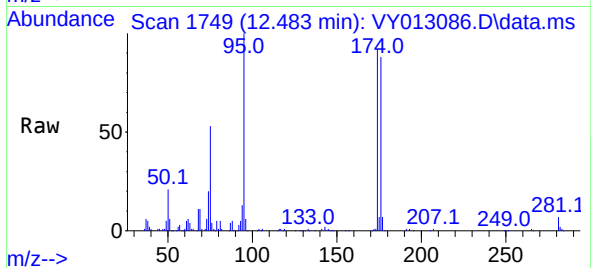




#76
1,2,3-Trichloropropane
Concen: 38.426 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

Tgt Ion: 75 Resp: 27615
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.619 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013086.D
Acq: 27 Mar 2023 13:00

Tgt Ion: 75 Resp: 27615
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.1 36.6 55.0#

