

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013399.D
 Acq On : 24 Apr 2023 13:43
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 25 02:03:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 24 14:03:33 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

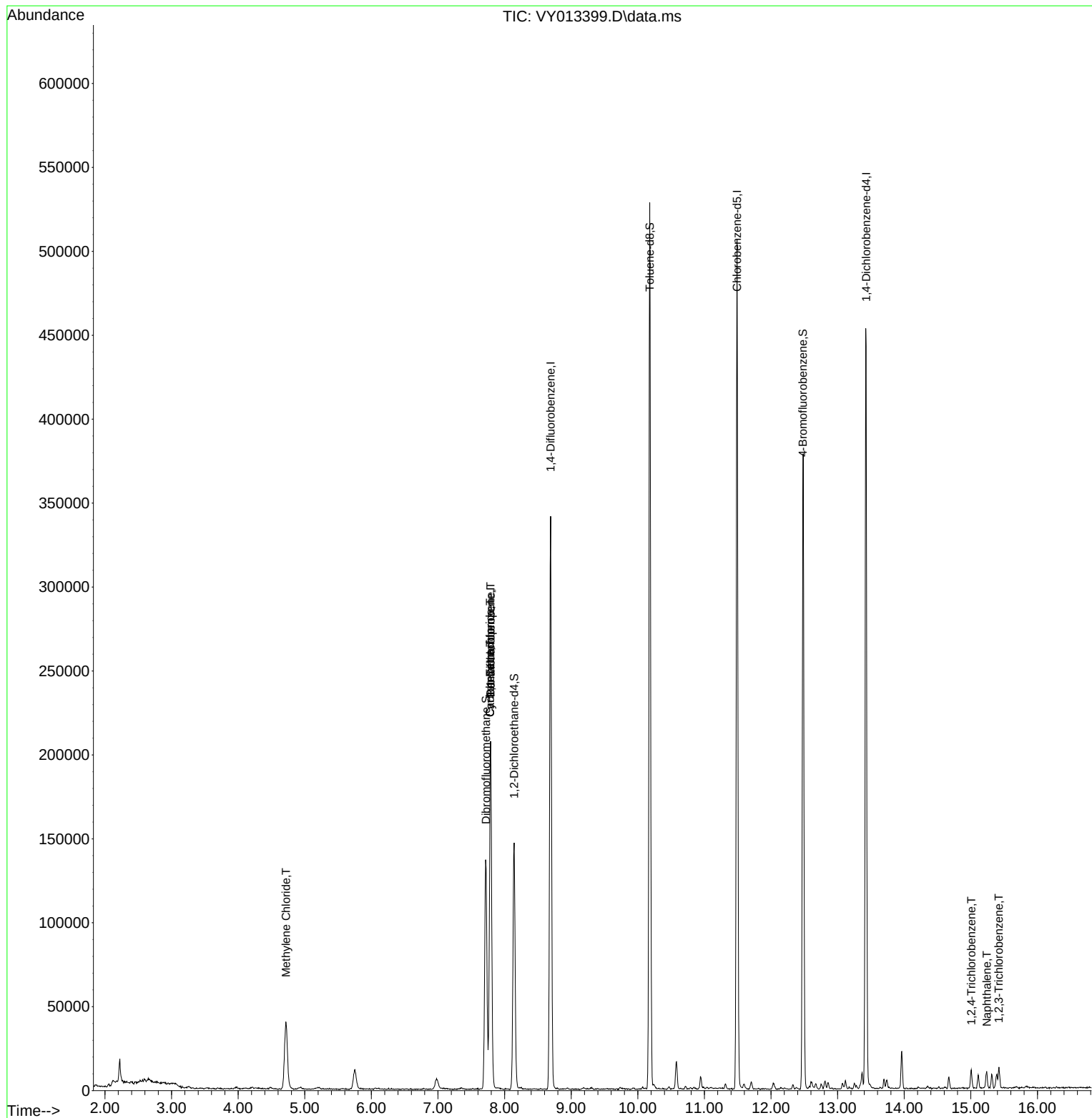
Internal Standards						
1) Pentafluorobenzene	7.789	168	156596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	250597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111948	65.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.420%	
35) Dibromofluoromethane	7.722	113	96702	56.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.960%	
50) Toluene-d8	10.179	98	330298	54.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.460%	
62) 4-Bromofluorobenzene	12.477	95	105608	51.430	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.860%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	28501	6.404	ug/l #	80
31) Cyclohexane	7.783	56	4168	1.356	ug/l #	42
36) 1,1-Dichloropropene	7.789	75	13036	4.587	ug/l #	49
38) Carbon Tetrachloride	7.783	117	15411	5.174	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.007	180	3102	1.454	ug/l	97
95) Naphthalene	15.239	128	8345	1.802	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	3601	1.893	ug/l	99

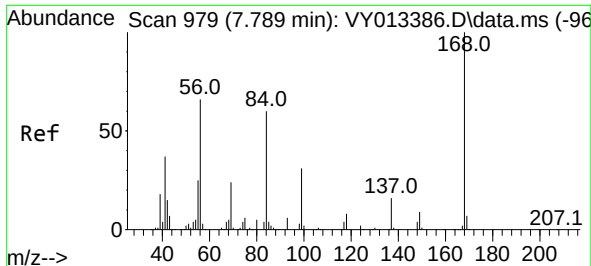
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

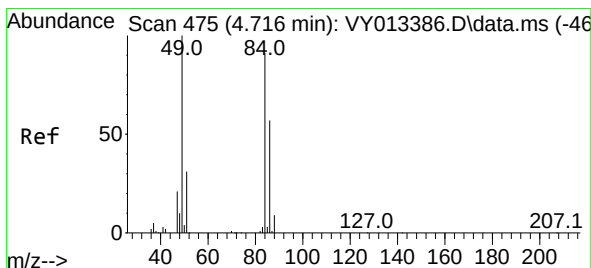
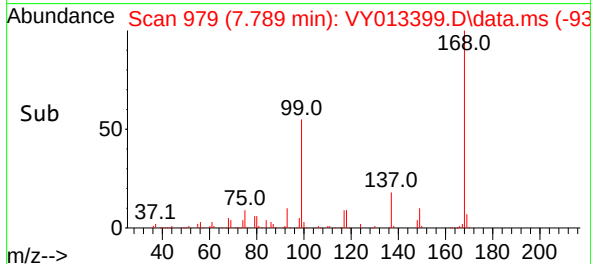
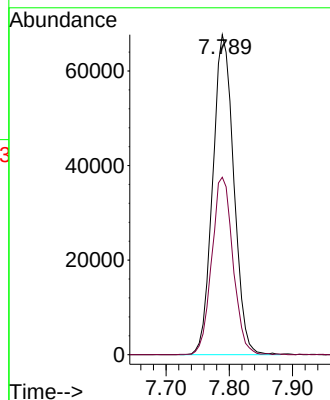
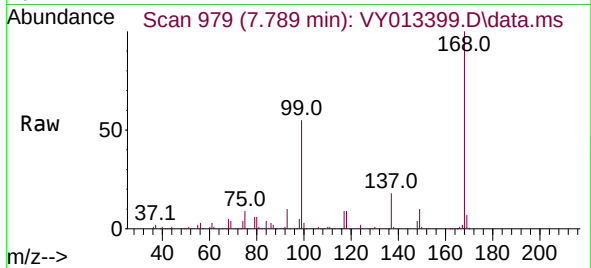




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013399.D
Acq: 24 Apr 2023 13:43

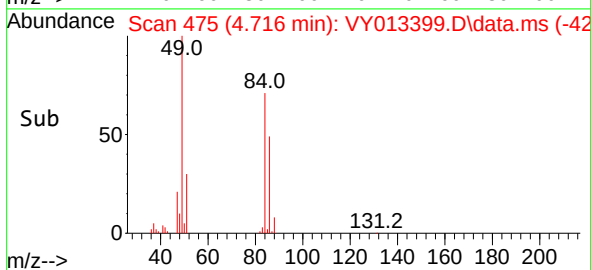
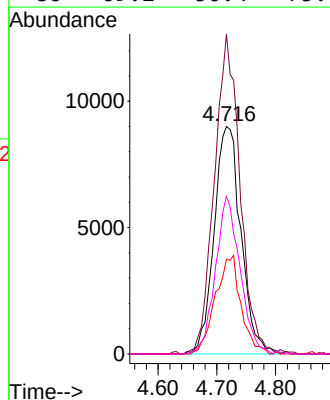
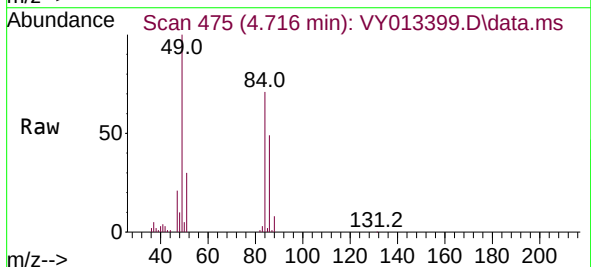
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

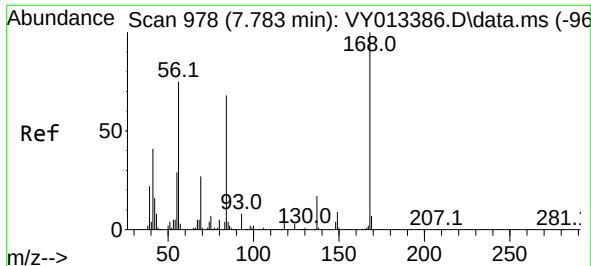
Tgt Ion:168 Resp: 156596
Ion Ratio Lower Upper
168 100
99 55.3 41.8 62.6



#20
Methylene Chloride
Concen: 6.404 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013399.D
Acq: 24 Apr 2023 13:43

Tgt Ion: 84 Resp: 28501
Ion Ratio Lower Upper
84 100
49 140.6 88.0 132.0#
51 41.6 27.4 41.0#
86 69.2 50.4 75.6

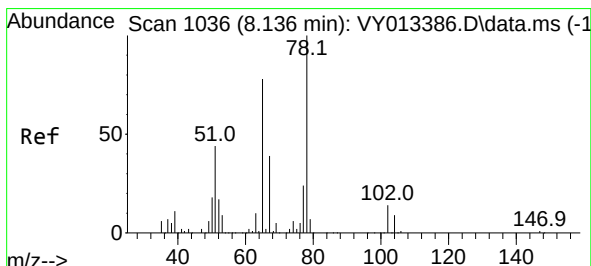
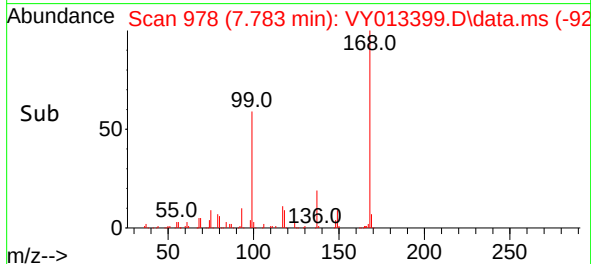
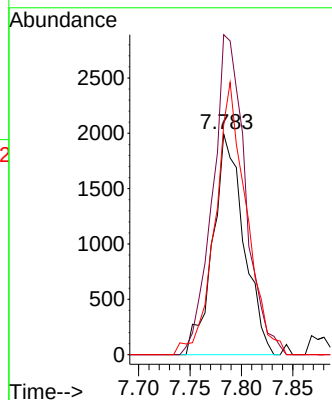
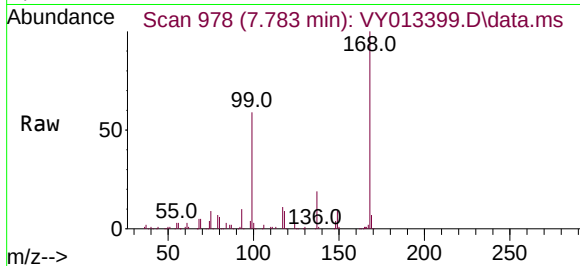




#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013399.D
Acq: 24 Apr 2023 13:43

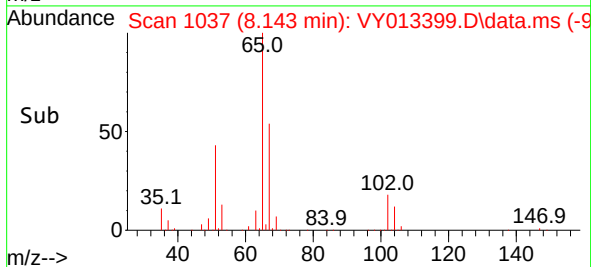
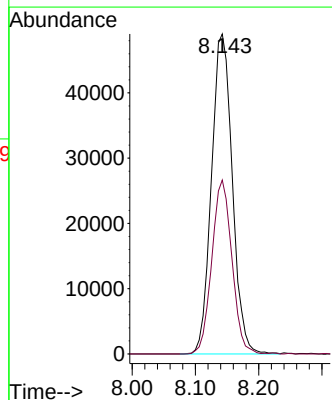
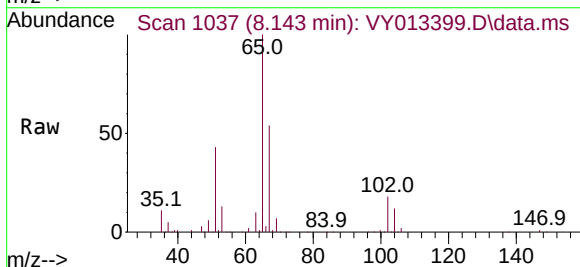
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

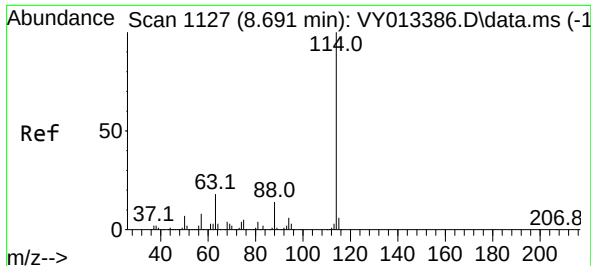
Tgt Ion: 56 Resp: 4168
Ion Ratio Lower Upper
56 100
69 145.1 29.2 43.8#
84 99.0 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 65.214 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013399.D
Acq: 24 Apr 2023 13:43

Tgt Ion: 65 Resp: 111948
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4

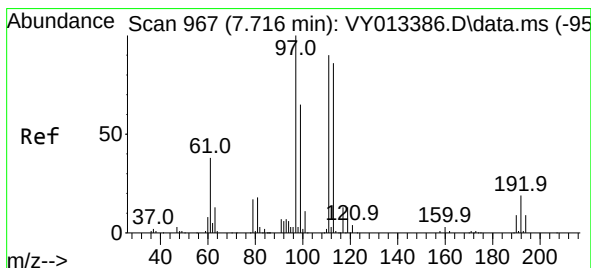
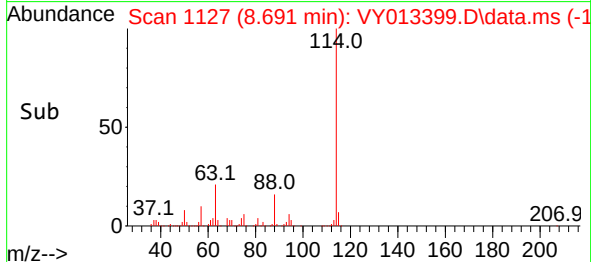
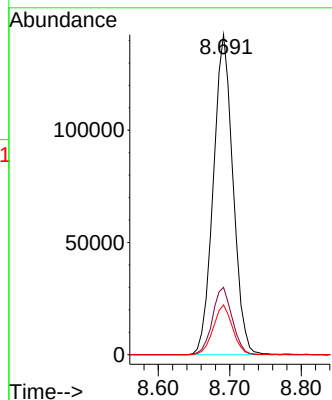
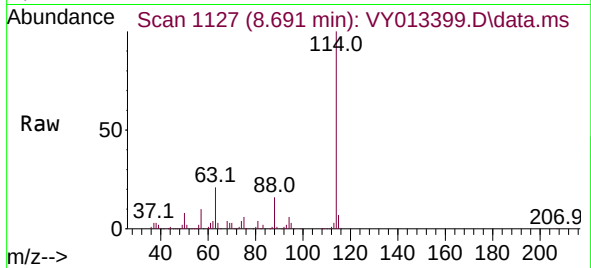




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013399.D
Acq: 24 Apr 2023 13:43

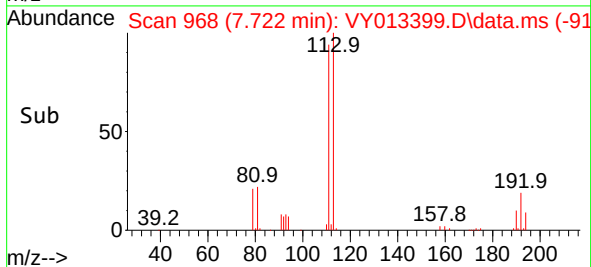
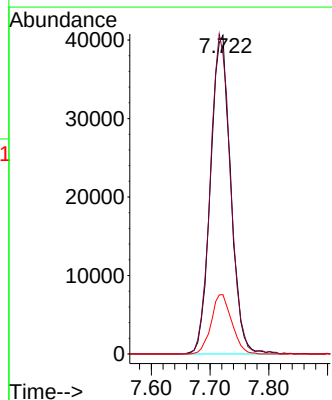
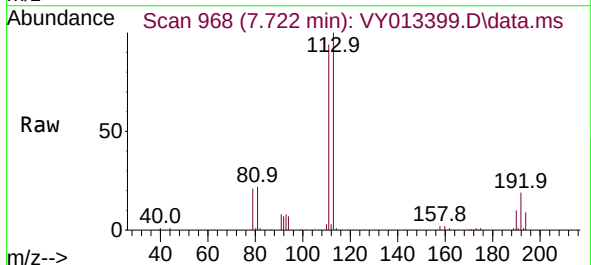
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

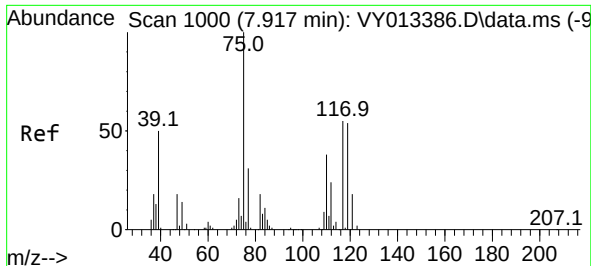
Tgt Ion:	114	Resp:	272231
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	36.6
88	15.6	0.0	28.8



#35
Dibromofluoromethane
Concen: 56.478 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY013399.D
Acq: 24 Apr 2023 13:43

Tgt Ion:	113	Resp:	96702
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.2
192	19.0	16.7	25.1





#36

1,1-Dichloropropene

Concen: 4.587 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013399.D

Acq: 24 Apr 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

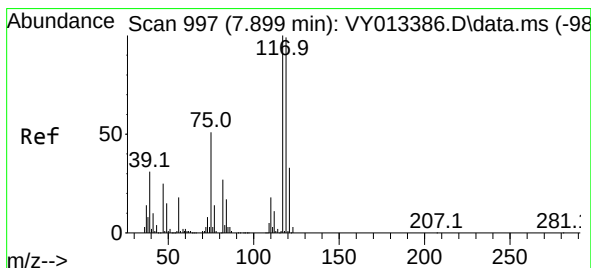
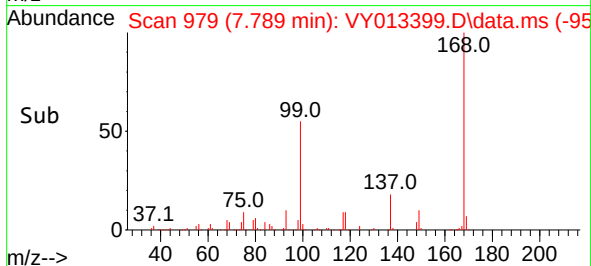
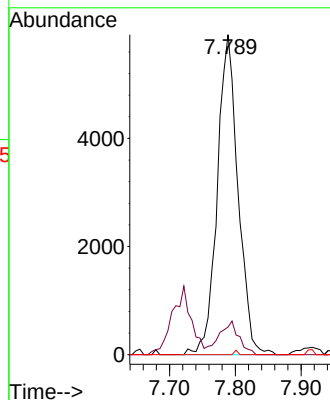
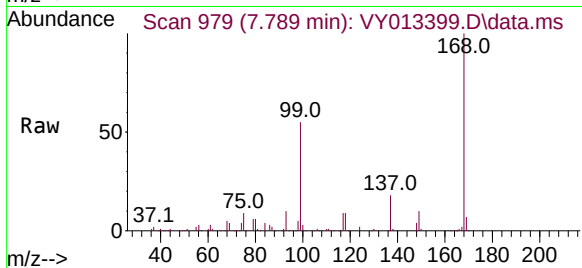
Tgt Ion: 75 Resp: 13036

Ion Ratio Lower Upper

75 100

110 9.7 18.7 56.1#

77 0.2 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.174 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY013399.D

Acq: 24 Apr 2023 13:43

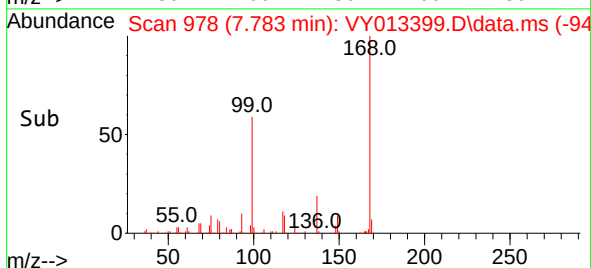
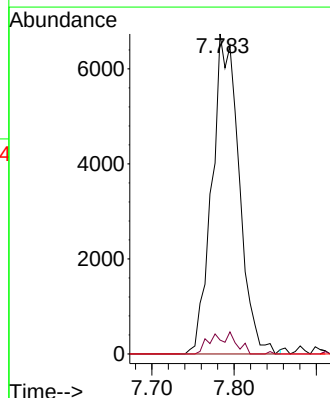
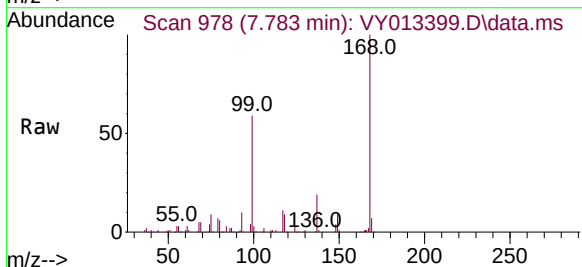
Tgt Ion: 117 Resp: 15411

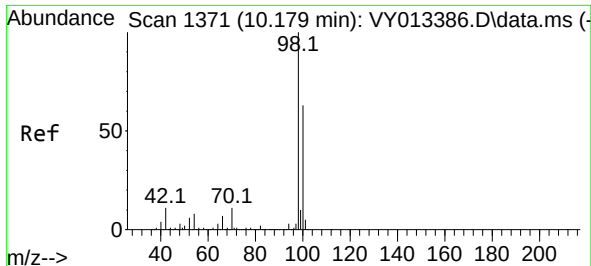
Ion Ratio Lower Upper

117 100

119 4.4 79.0 118.6#

121 0.0 26.6 40.0#

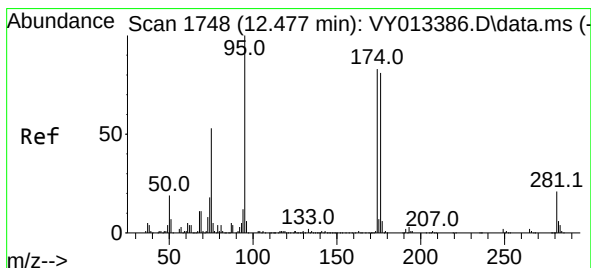
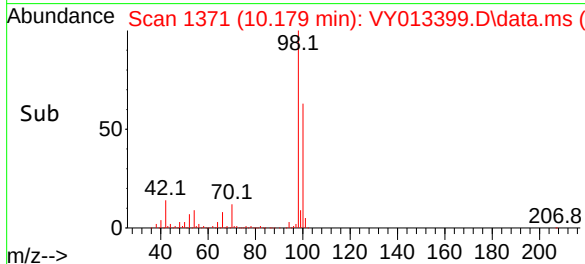
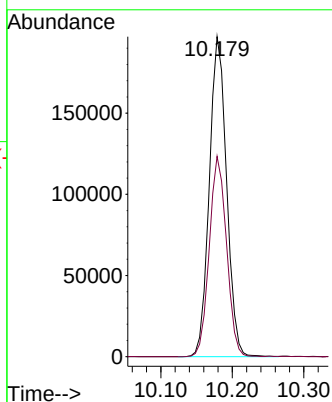
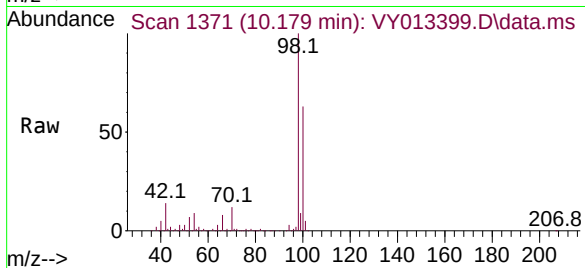




#50
Toluene-d8
Concen: 54.227 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013399.D
Acq: 24 Apr 2023 13:43

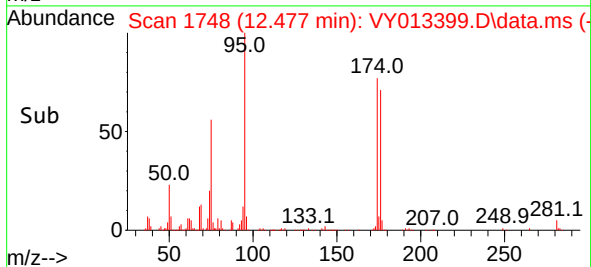
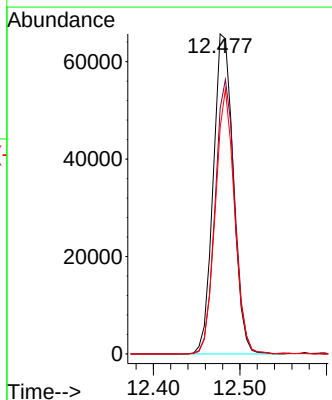
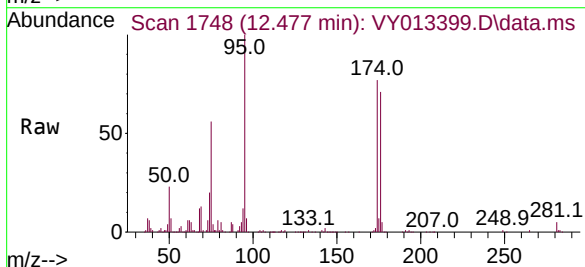
Instrument :
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VIBLK

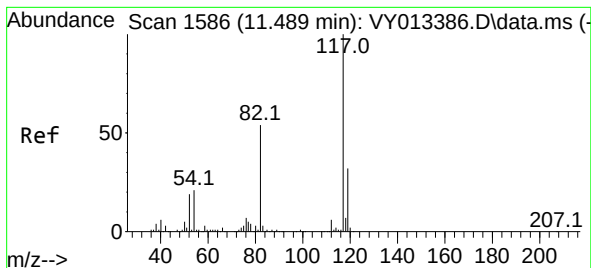
Tgt Ion: 98 Resp: 330298
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.430 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013399.D
Acq: 24 Apr 2023 13:43

Tgt Ion: 95 Resp: 105608
Ion Ratio Lower Upper
95 100
174 84.6 0.0 182.0
176 79.3 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013399.D

Acq: 24 Apr 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

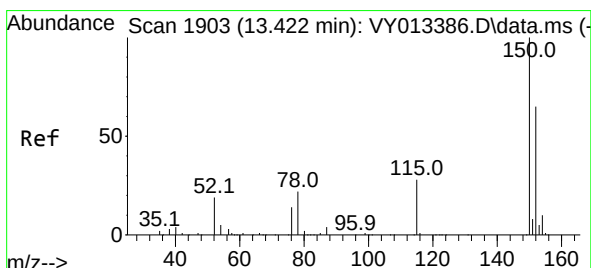
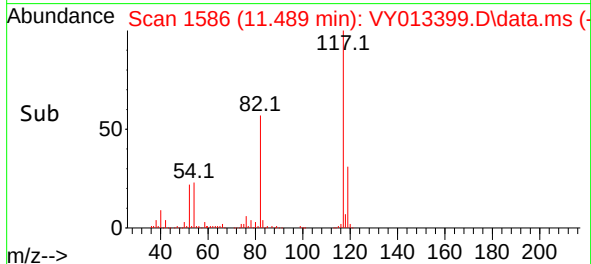
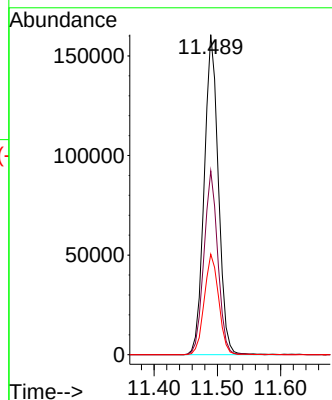
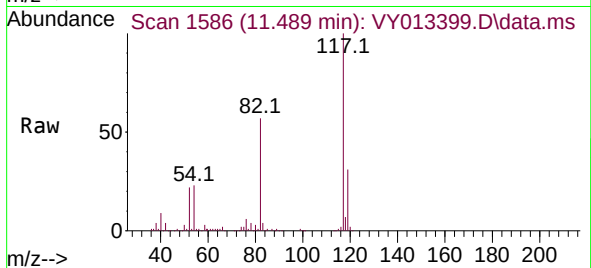
Tgt Ion:117 Resp: 250597

Ion Ratio Lower Upper

117 100

82 57.4 43.0 64.6

119 31.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013399.D

Acq: 24 Apr 2023 13:43

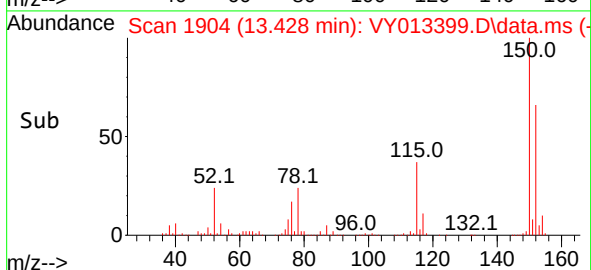
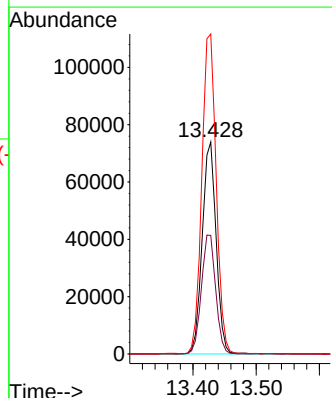
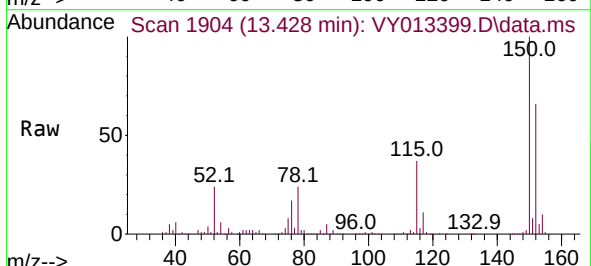
Tgt Ion:152 Resp: 113514

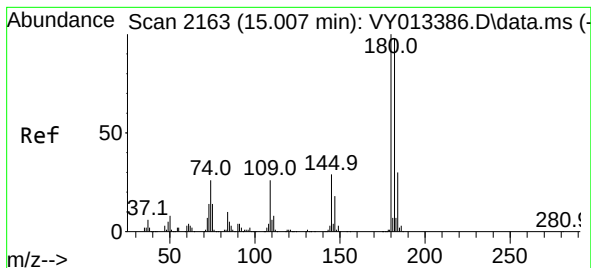
Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.2

150 156.0 0.0 352.0





#93

1,2,4-Trichlorobenzene

Concen: 1.454 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013399.D

Acq: 24 Apr 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

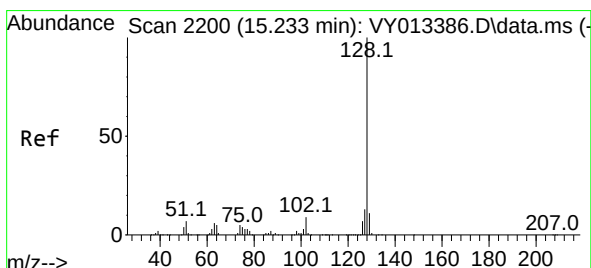
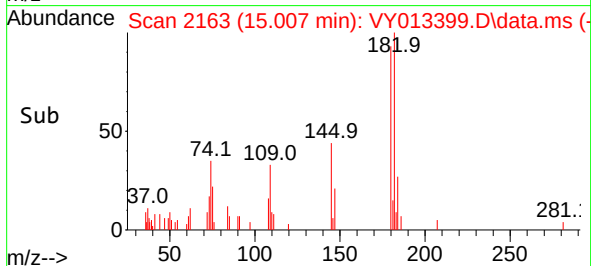
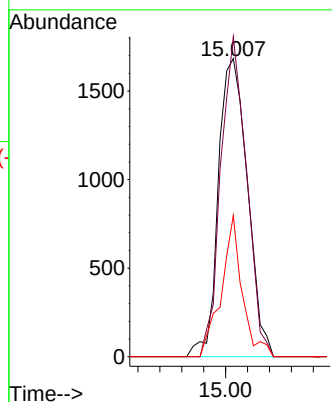
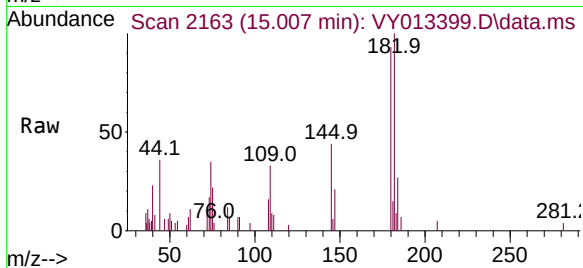
Tgt Ion:180 Resp: 3102

Ion Ratio Lower Upper

180 100

182 95.1 48.5 145.5

145 33.9 15.0 45.0



#95

Naphthalene

Concen: 1.802 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY013399.D

Acq: 24 Apr 2023 13:43

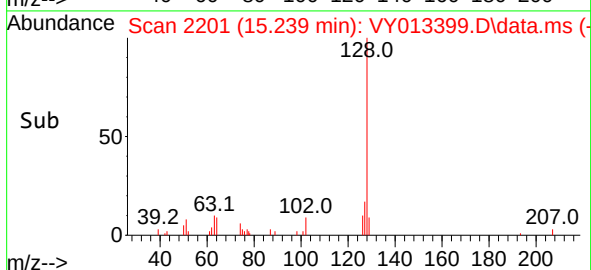
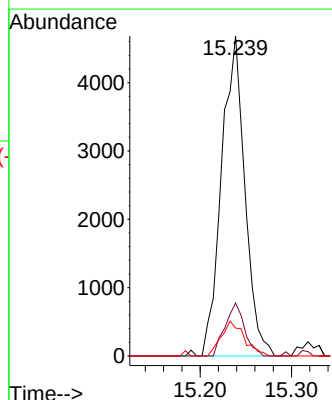
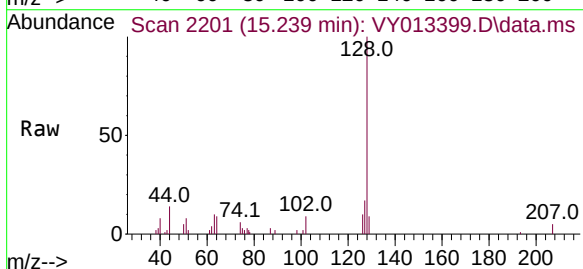
Tgt Ion:128 Resp: 8345

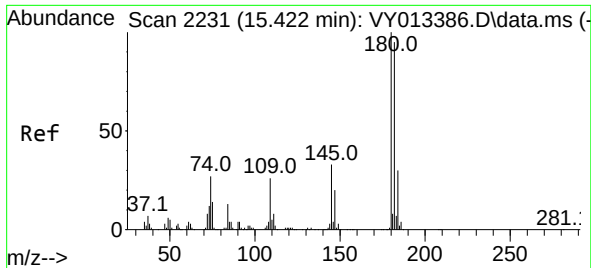
Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 10.7 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.893 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY013399.D
 Acq: 24 Apr 2023 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.1	141.3
145	31.1	15.9	47.7

