

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010372.D
 Acq On : 07 Sep 2022 15:14
 Operator : KP/MD
 Sample : N4474-06
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-06

Quant Time: Sep 08 04:11:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

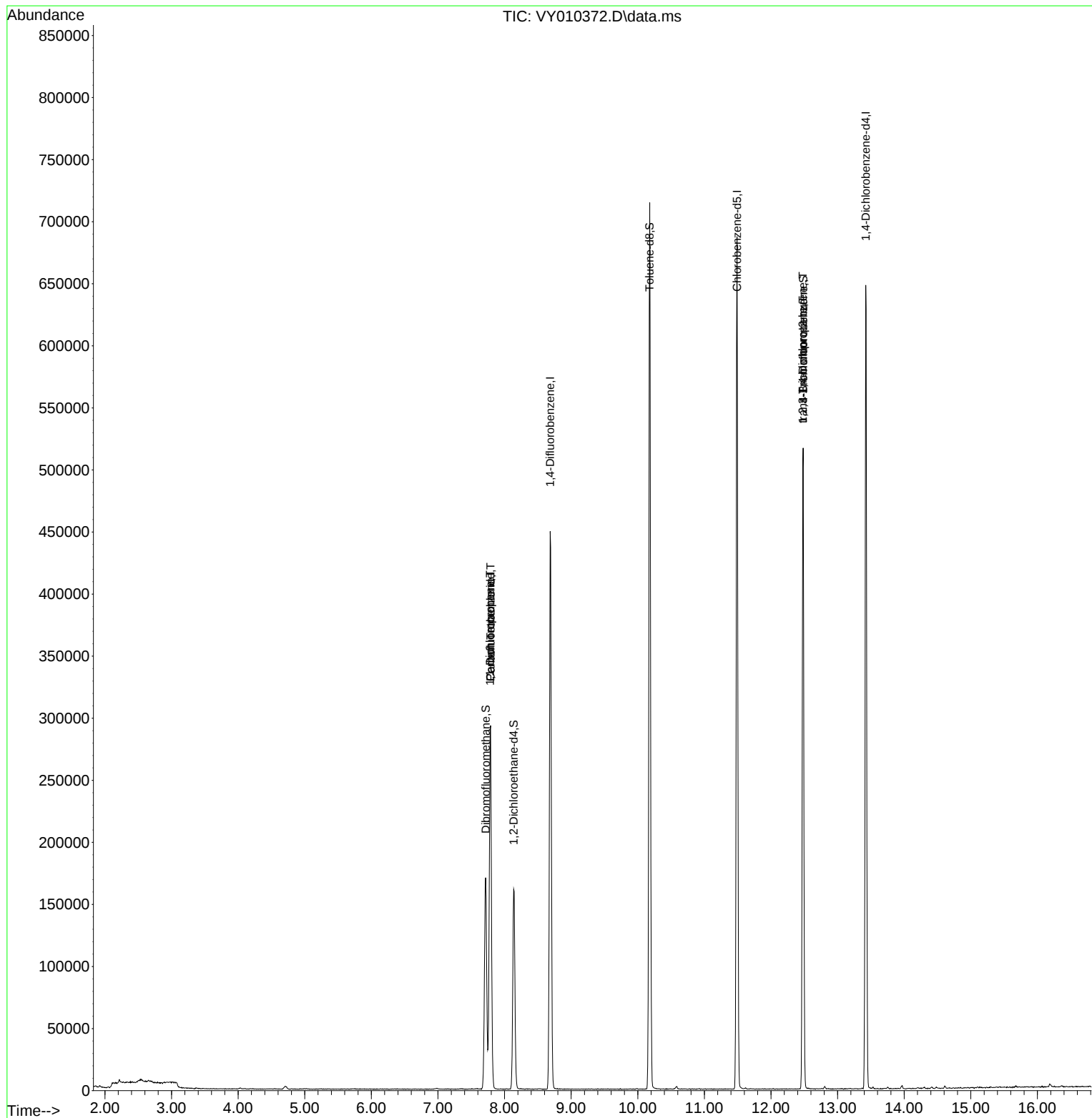
Internal Standards						
1) Pentafluorobenzene	7.789	168	234919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	396183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	376012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	128916	53.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.040%	
35) Dibromofluoromethane	7.716	113	121840	46.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.400%	
50) Toluene-d8	10.179	98	471575	53.404	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	12.483	95	161925	45.180	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	389	Below Cal	#	51
36) 1,1-Dichloropropene	7.783	75	17218	4.449	ug/l #	51
38) Carbon Tetrachloride	7.789	117	22012	5.519	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	83156	40.173	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	83156	83.807	ug/l #	7

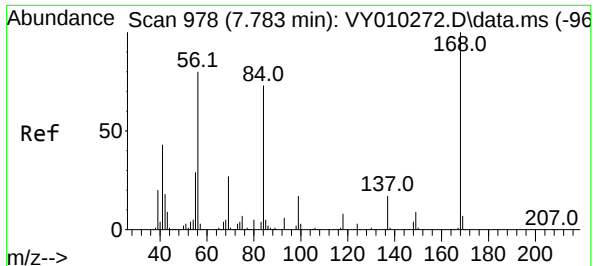
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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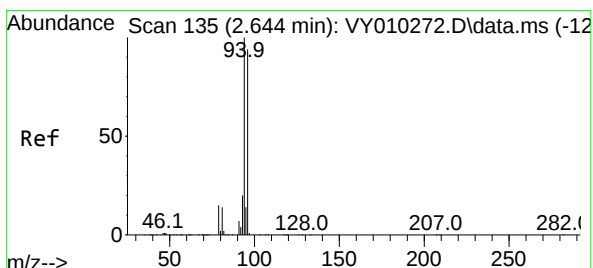
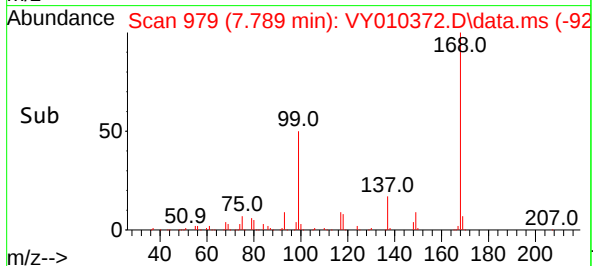
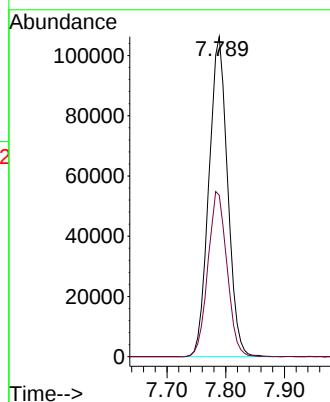
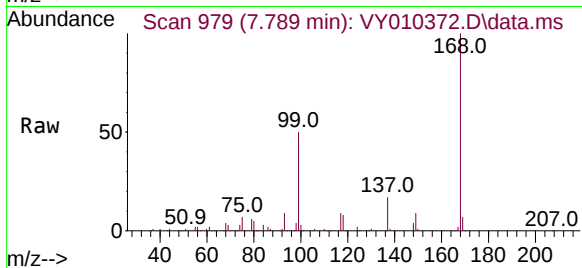




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010372.D
Acq: 07 Sep 2022 15:14

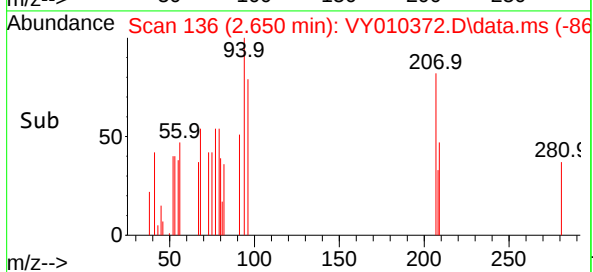
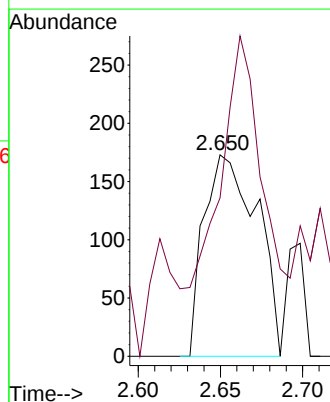
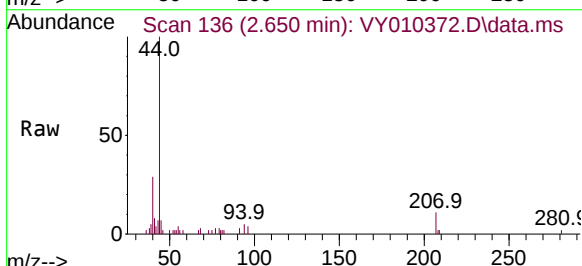
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-06

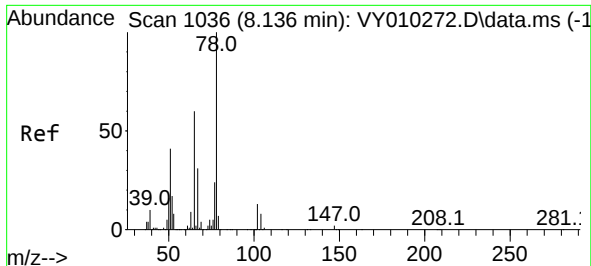
Tgt Ion:168 Resp: 234919
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.006 min
Lab File: VY010372.D
Acq: 07 Sep 2022 15:14

Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 45.1 73.5 110.3#





#33

1,2-Dichloroethane-d4

Concen: 53.518 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY010372.D

Acq: 07 Sep 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

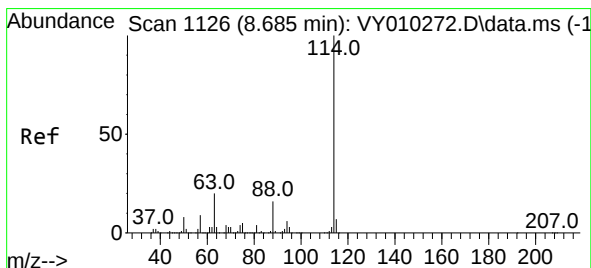
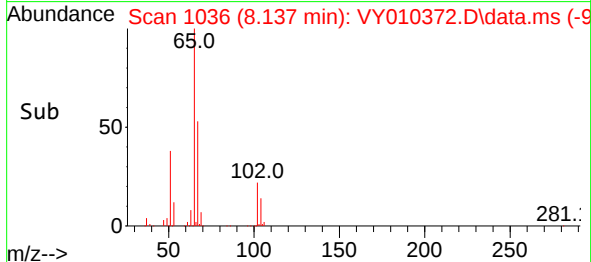
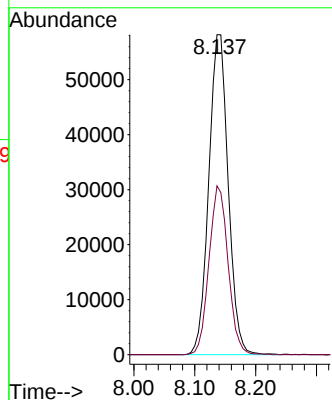
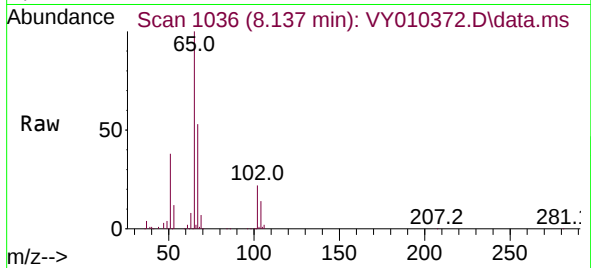
BEACONPOINT-BF-VOC-06

Tgt Ion: 65 Resp: 128916

Ion Ratio Lower Upper

65 100

67 51.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010372.D

Acq: 07 Sep 2022 15:14

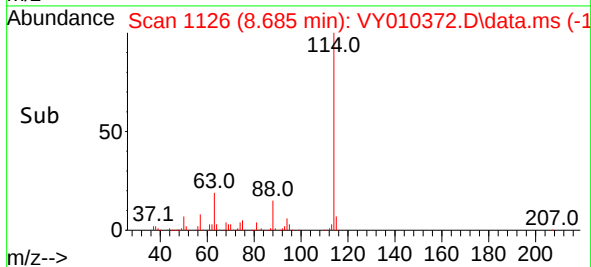
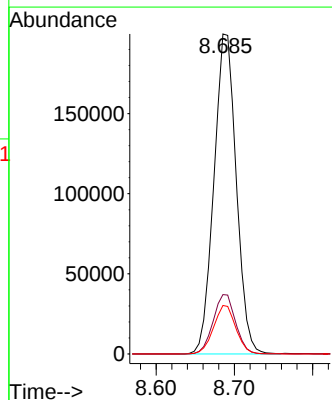
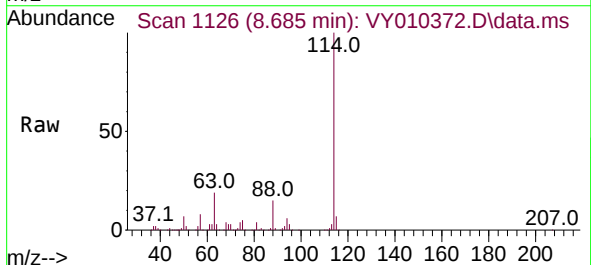
Tgt Ion: 114 Resp: 396183

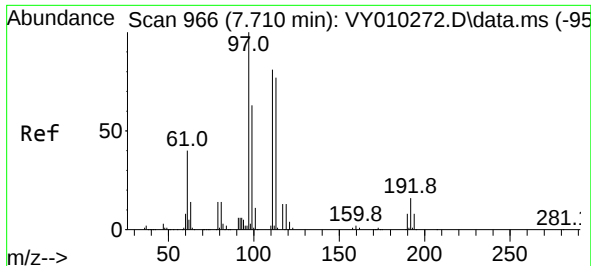
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.196 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY010372.D

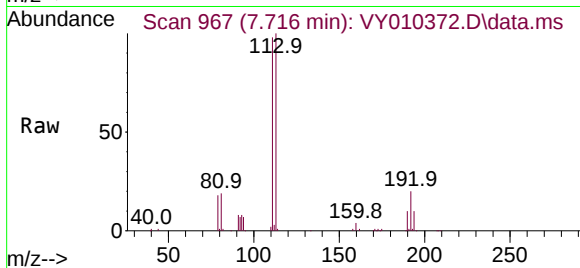
Acq: 07 Sep 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-06



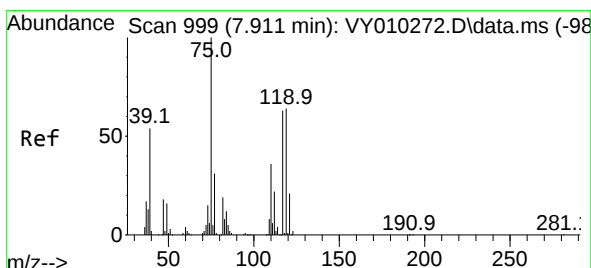
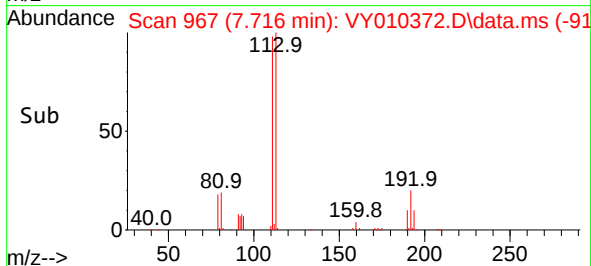
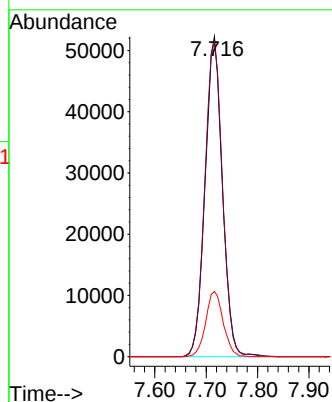
Tgt Ion:113 Resp: 121840

Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 20.6 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.449 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY010372.D

Acq: 07 Sep 2022 15:14

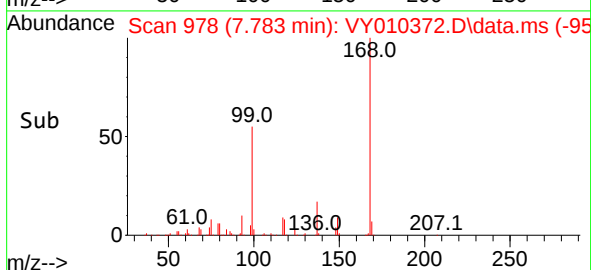
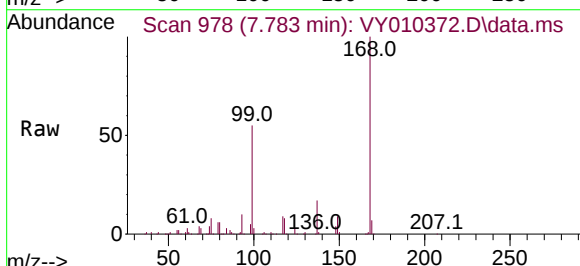
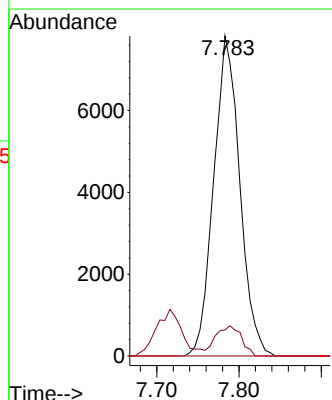
Tgt Ion: 75 Resp: 17218

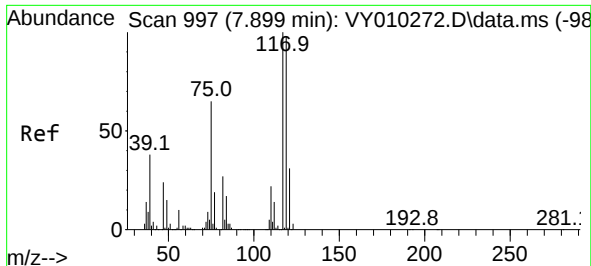
Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#

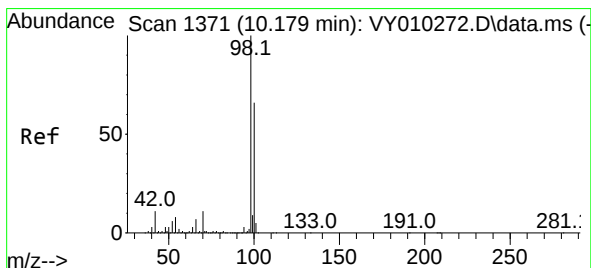
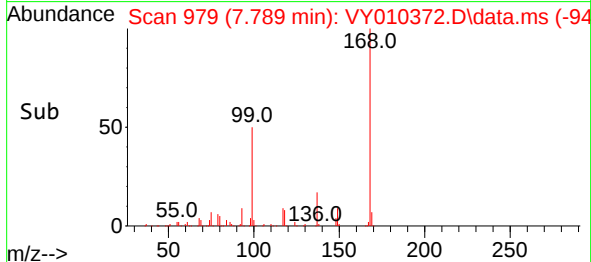
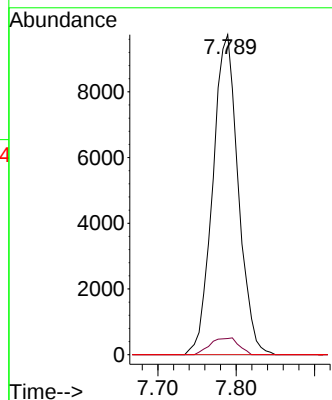
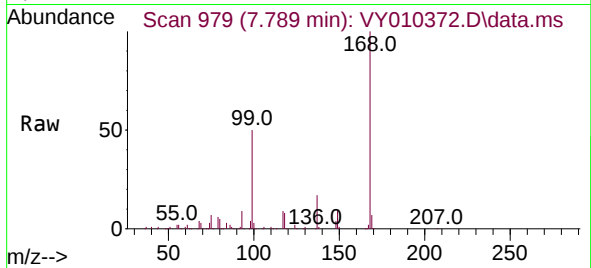




#38
Carbon Tetrachloride
Concen: 5.519 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010372.D
Acq: 07 Sep 2022 15:14

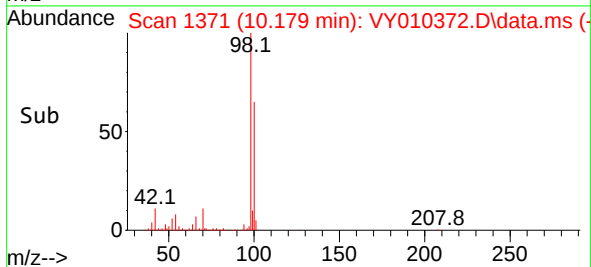
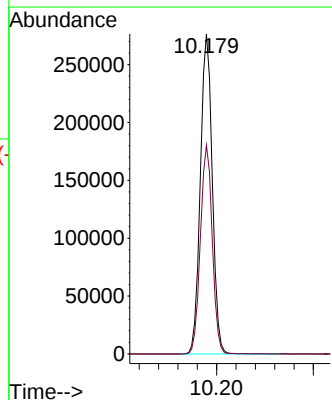
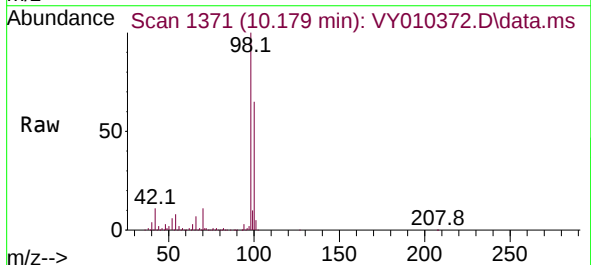
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MSVOA_Y
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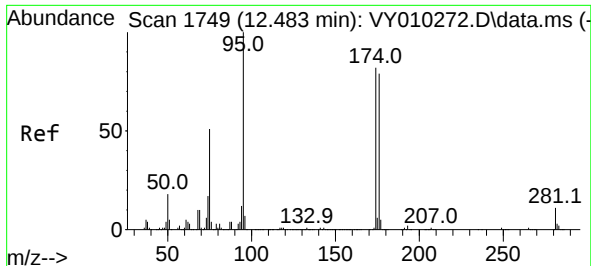
Tgt Ion:117 Resp: 22012
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.404 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010372.D
Acq: 07 Sep 2022 15:14

Tgt Ion: 98 Resp: 471575
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

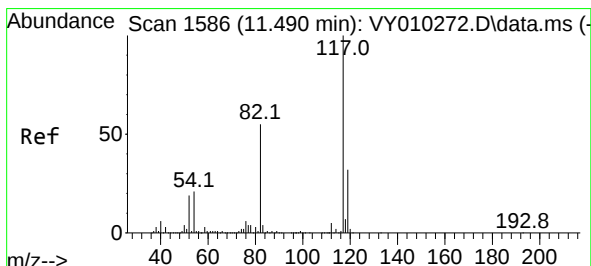
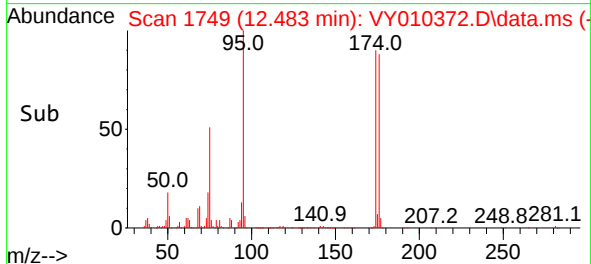
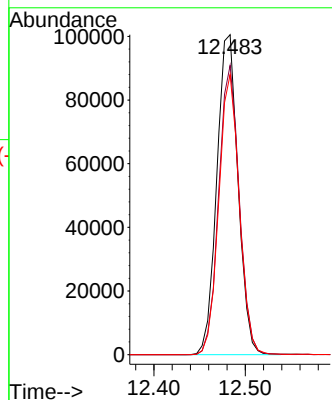
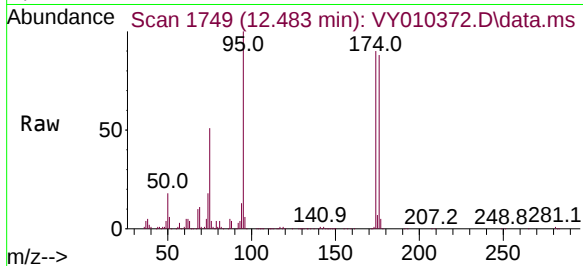




#62
4-Bromofluorobenzene
Concen: 45.180 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010372.D
Acq: 07 Sep 2022 15:14

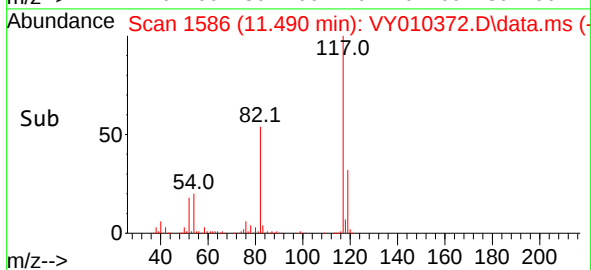
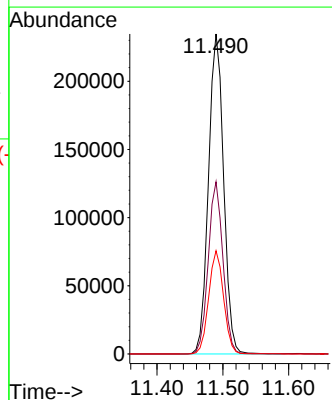
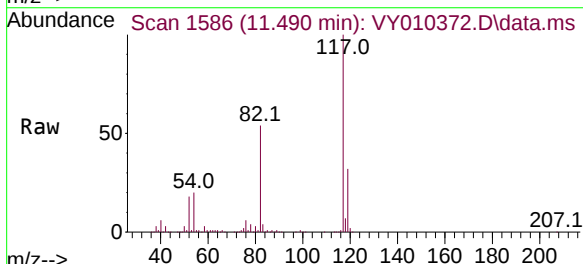
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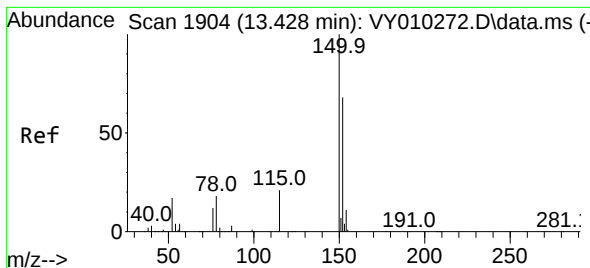
Tgt Ion: 95 Resp: 161925
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 84.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010372.D
Acq: 07 Sep 2022 15:14

Tgt Ion: 117 Resp: 376012
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY010372.D

Acq: 07 Sep 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-06

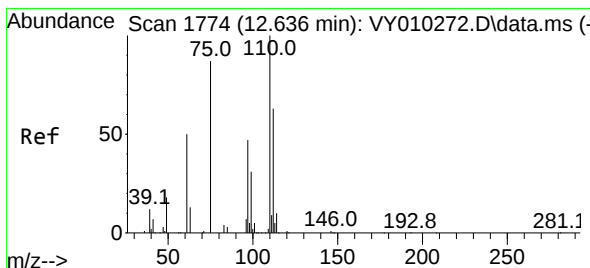
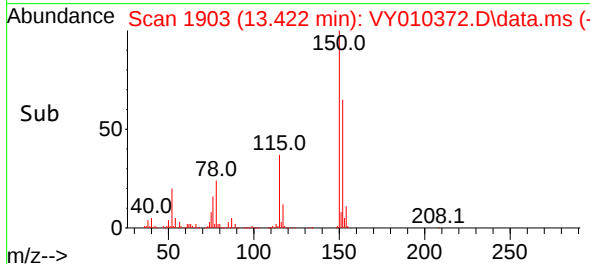
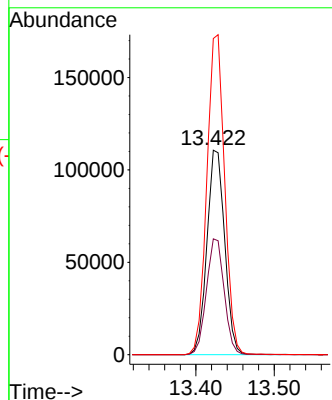
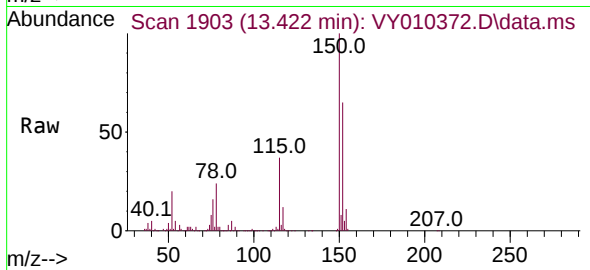
Tgt Ion:152 Resp: 173937

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 156.5 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 40.173 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY010372.D

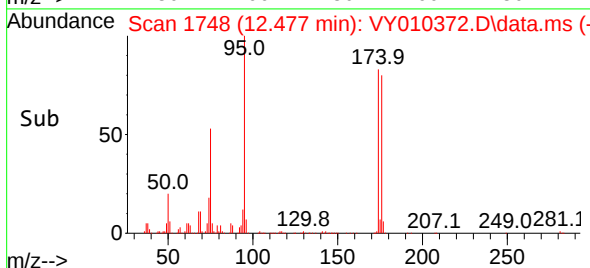
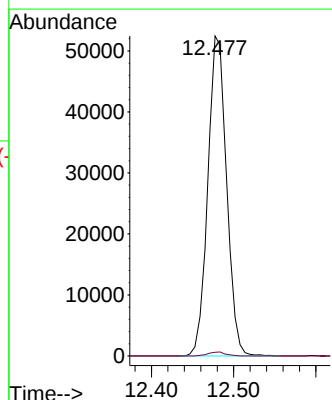
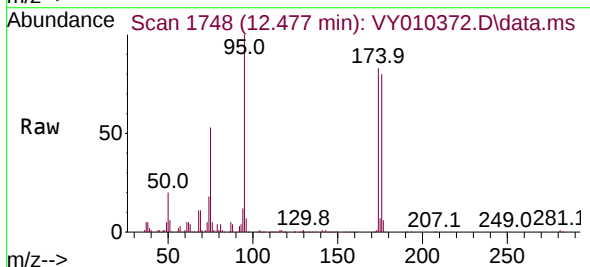
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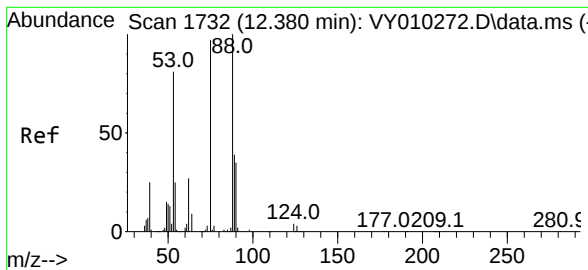
Tgt Ion: 75 Resp: 83156

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.807 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010372.D
 Acq: 07 Sep 2022 15:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-06

Tgt Ion: 75 Resp: 83156
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

