

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010376.D
 Acq On : 07 Sep 2022 16:47
 Operator : KP/MD
 Sample : N4474-10
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-10

Quant Time: Sep 08 04:13:04 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)

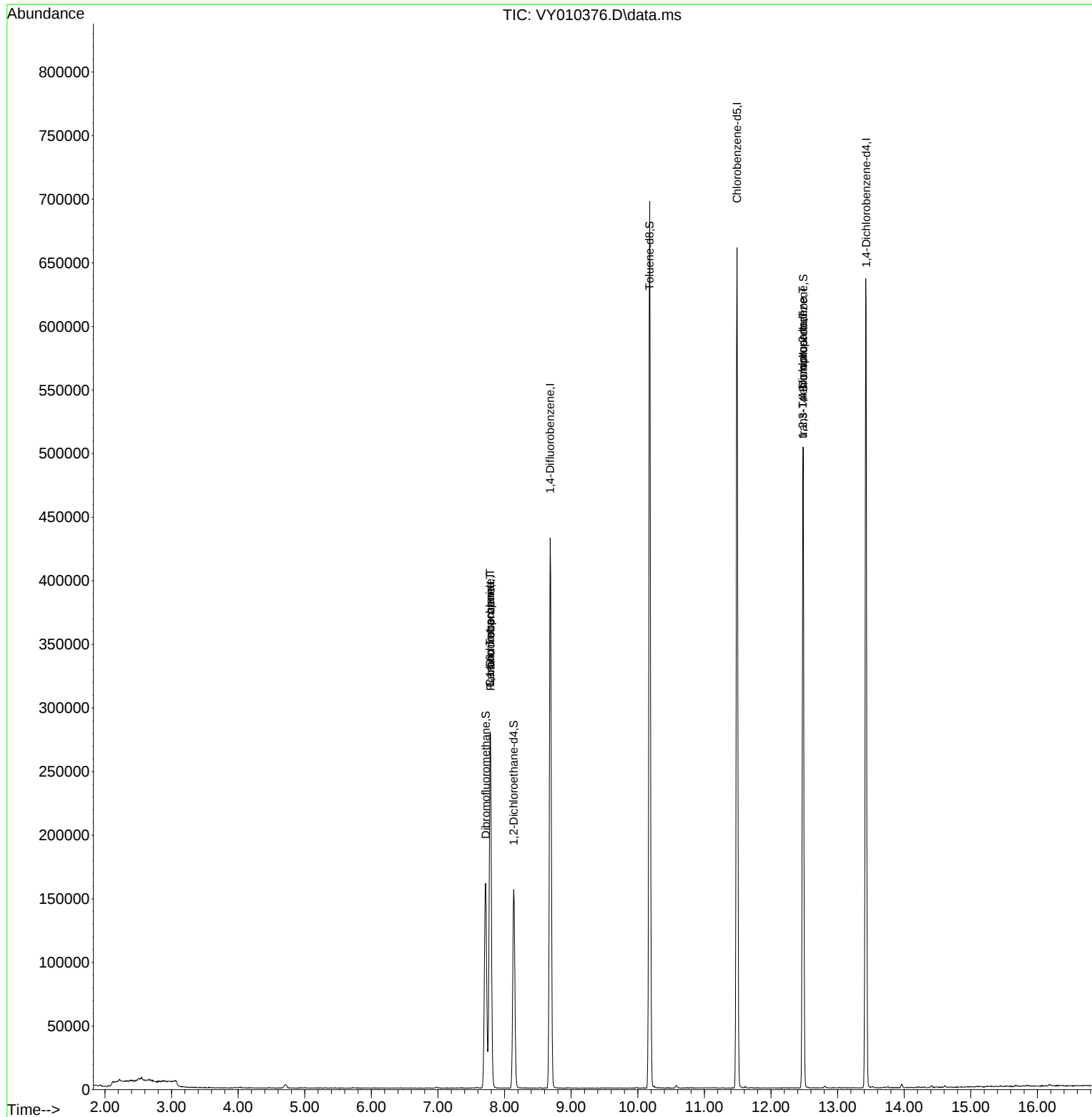
Internal Standards						
1) Pentafluorobenzene	7.789	168	228681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	380756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	362154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	124407	53.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.120%	
35) Dibromofluoromethane	7.716	113	115747	45.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.320%	
50) Toluene-d8	10.179	98	452201	53.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.580%	
62) 4-Bromofluorobenzene	12.483	95	155491	45.137	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	351	Below Cal	#	28
36) 1,1-Dichloropropene	7.783	75	15891	4.273	ug/l #	51
38) Carbon Tetrachloride	7.783	117	21547	5.622	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	78814	39.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	78814	81.712	ug/l #	7

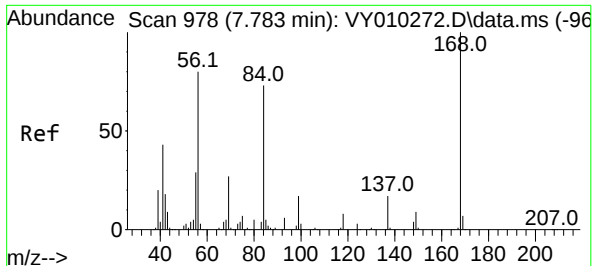
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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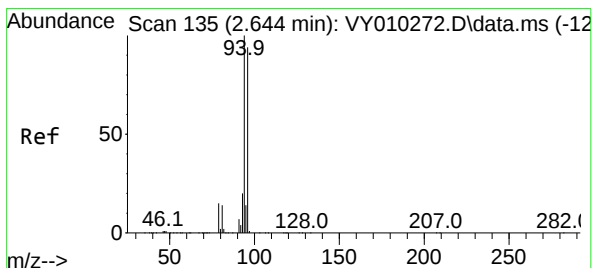
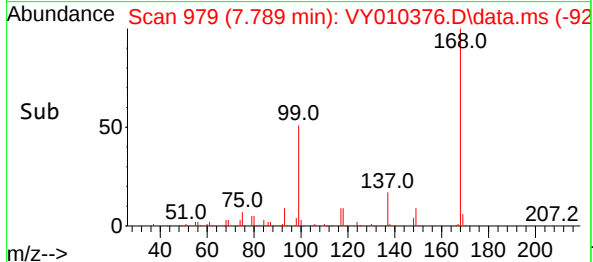
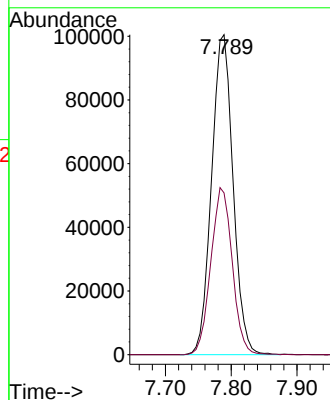
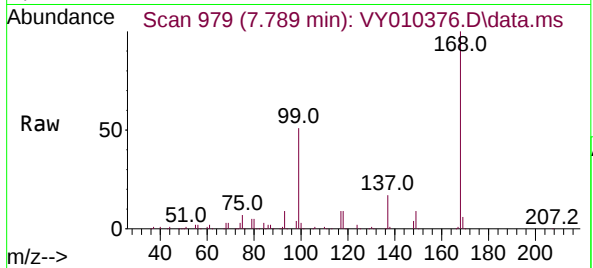




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

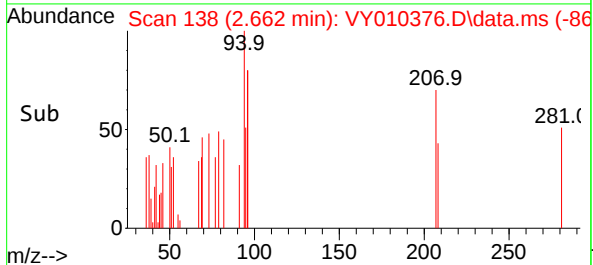
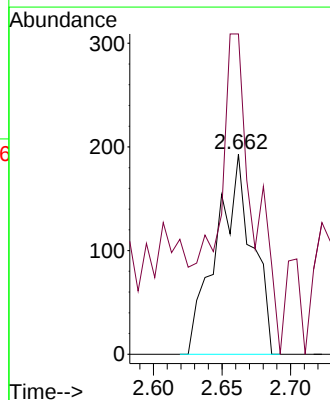
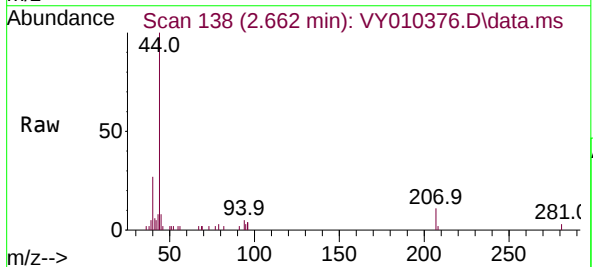
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-10

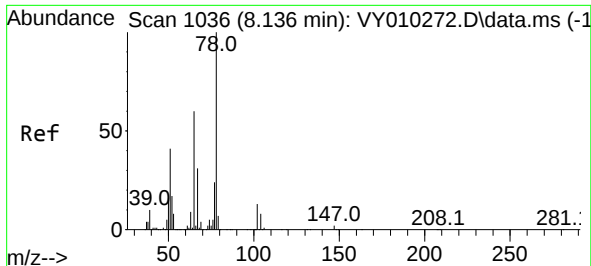
Tgt Ion:168 Resp: 228681
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 160.1 73.5 110.3#





#33

1,2-Dichloroethane-d4

Concen: 53.055 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY010376.D

Acq: 07 Sep 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

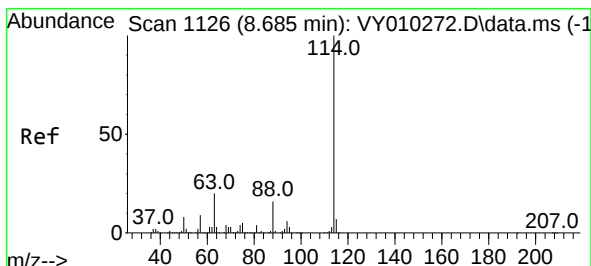
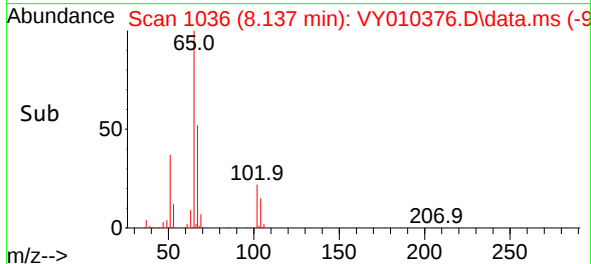
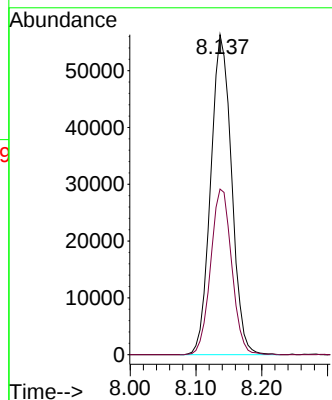
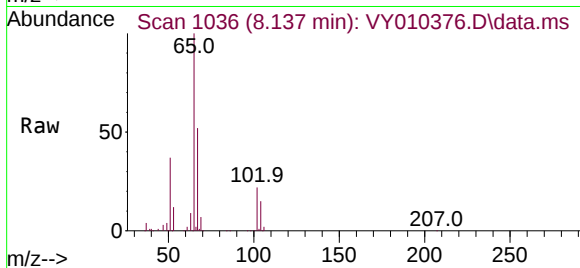
BEACONPOINT-BF-VOC-10

Tgt Ion: 65 Resp: 124407

Ion Ratio Lower Upper

65 100

67 52.2 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: VY010376.D

Acq: 07 Sep 2022 16:47

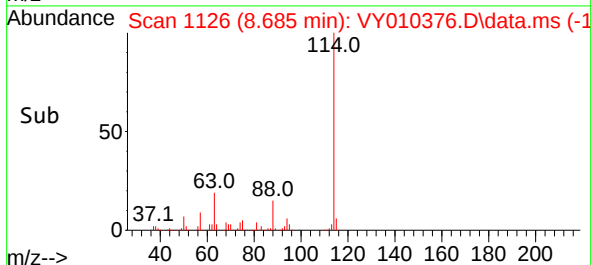
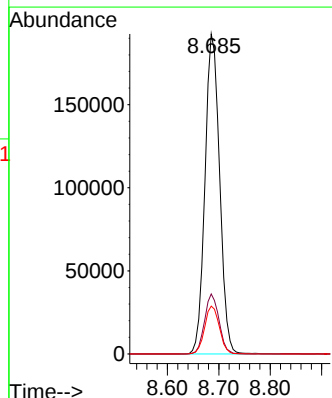
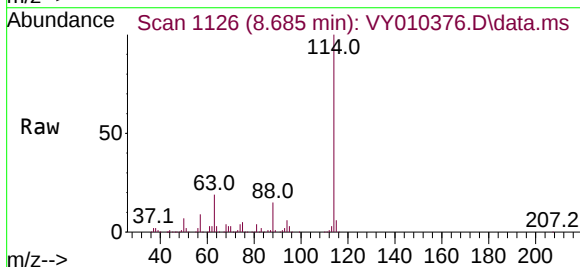
Tgt Ion: 114 Resp: 380756

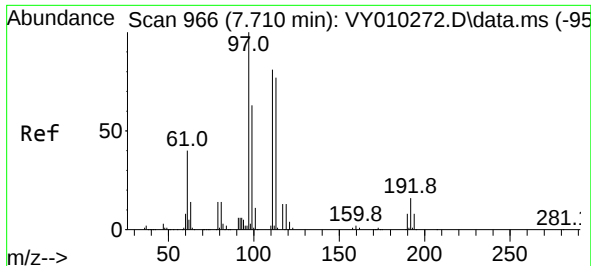
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.0 0.0 31.8

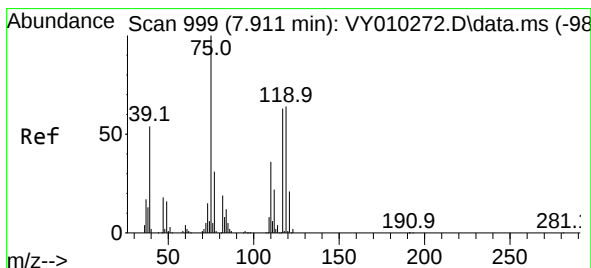
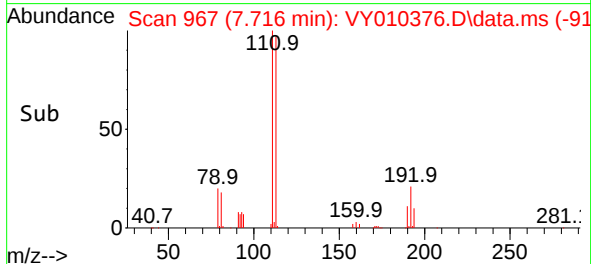
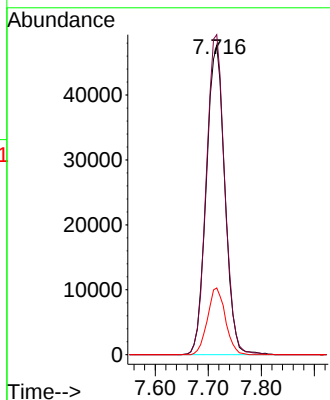
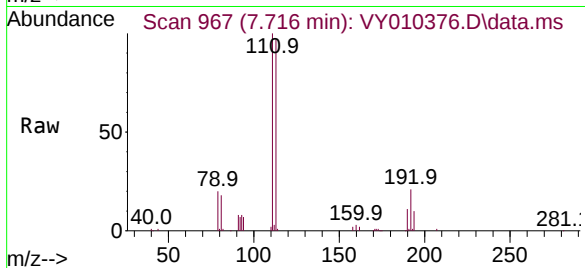




#35
Dibromofluoromethane
Concen: 45.664 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

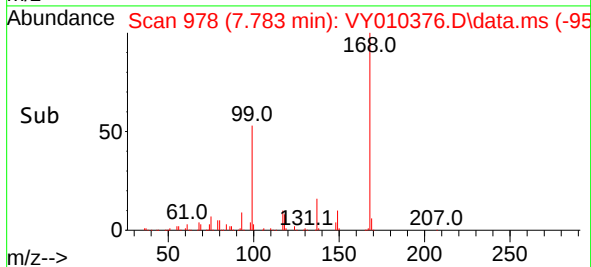
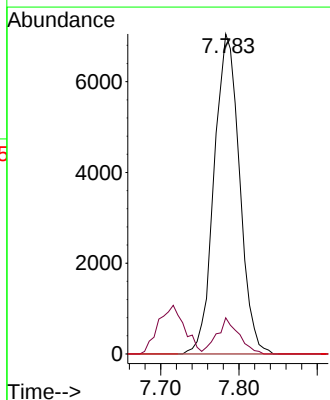
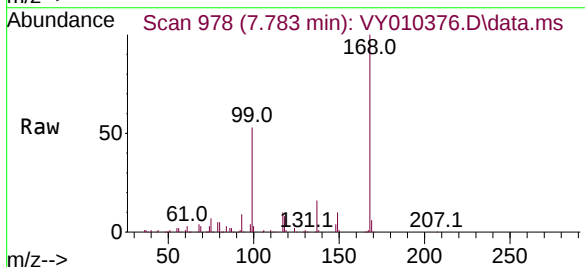
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-10

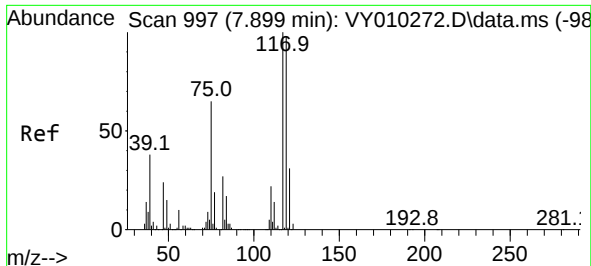
Tgt Ion:113 Resp: 115747
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.273 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

Tgt Ion: 75 Resp: 15891
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

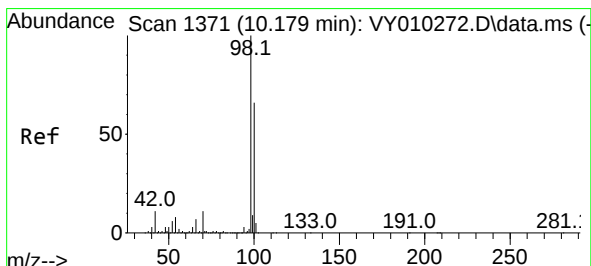
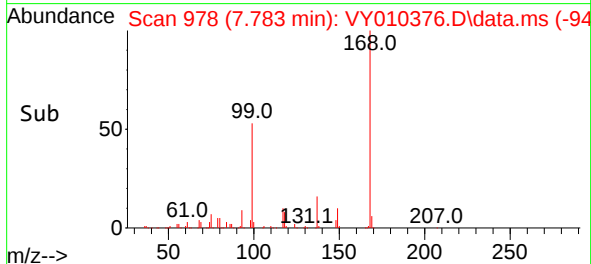
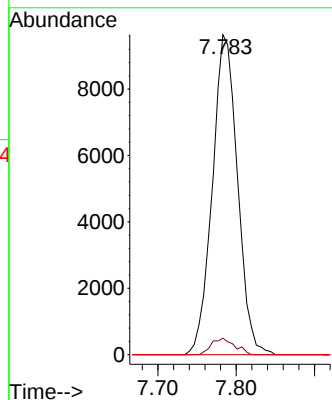
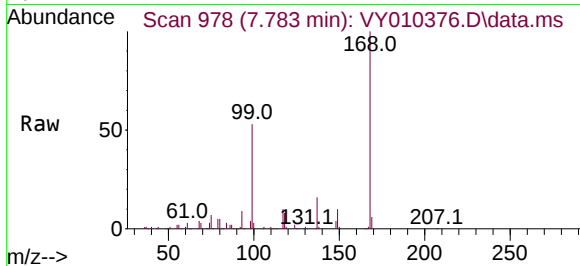




#38
Carbon Tetrachloride
Concen: 5.622 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

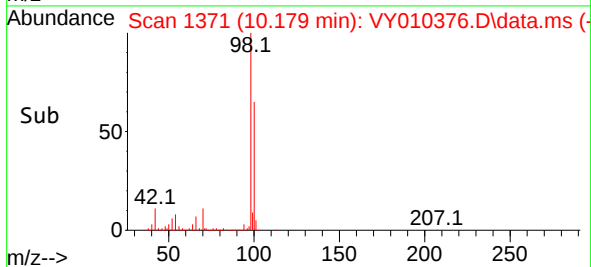
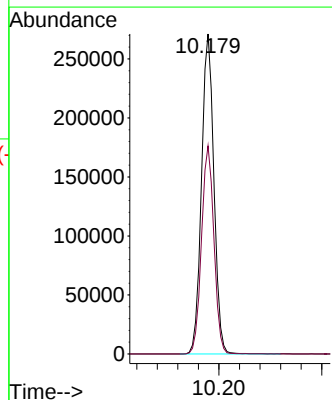
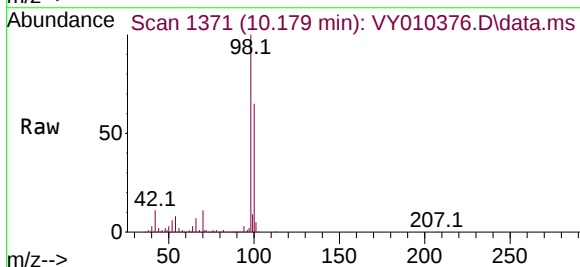
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-10

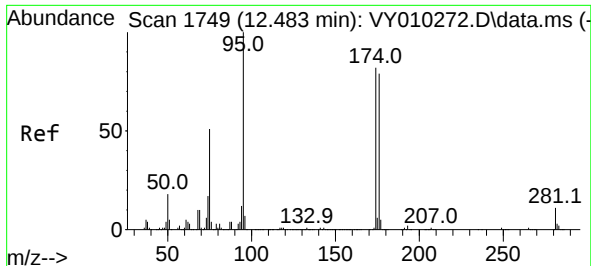
Tgt Ion:117 Resp: 21547
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

Tgt Ion: 98 Resp: 452201
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

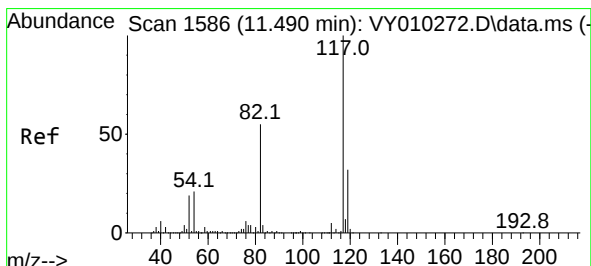
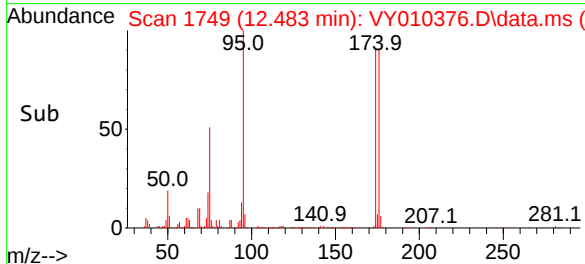
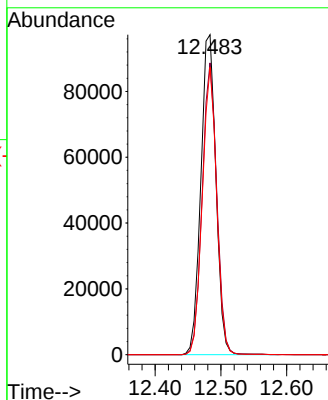
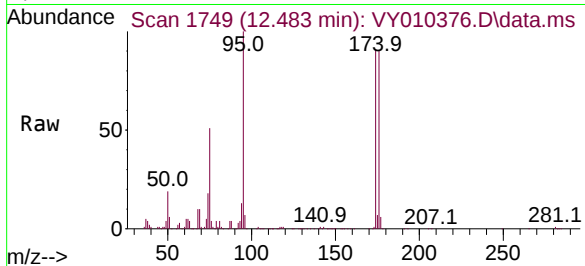




#62
4-Bromofluorobenzene
Concen: 45.137 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

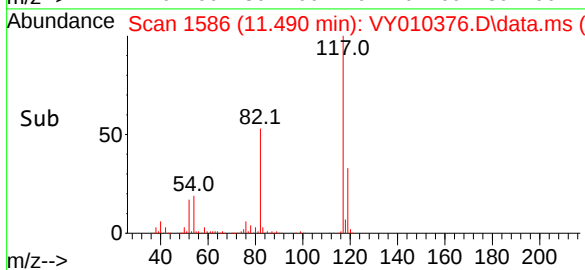
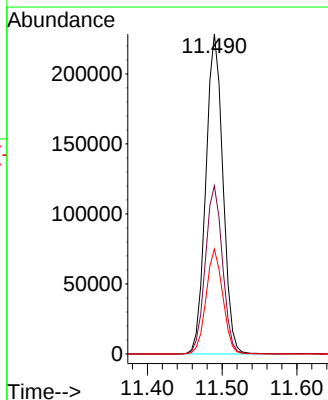
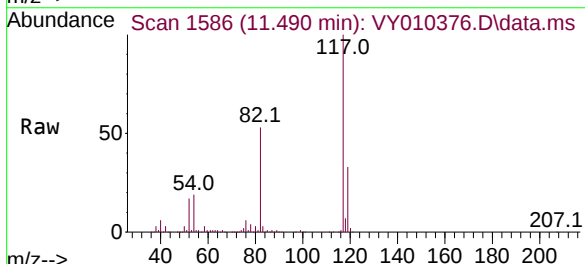
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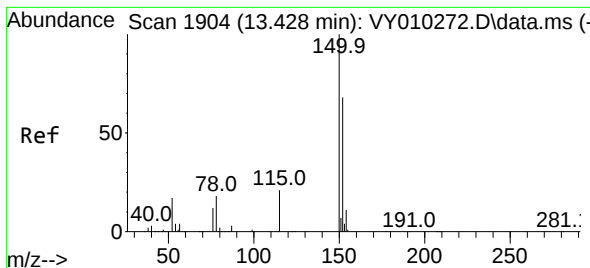
Tgt Ion: 95 Resp: 155491
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 85.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

Tgt Ion: 117 Resp: 362154
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY010376.D

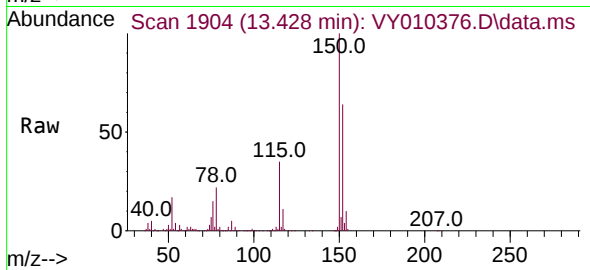
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Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-10



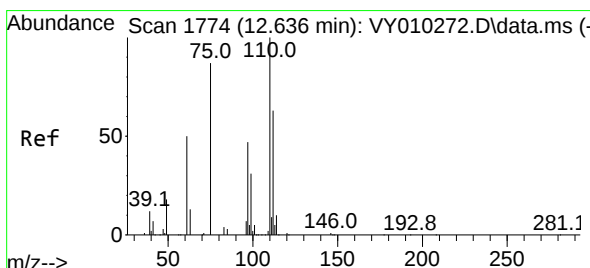
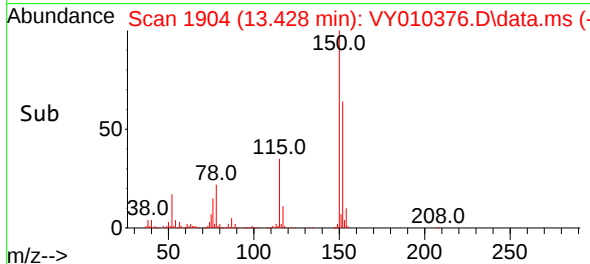
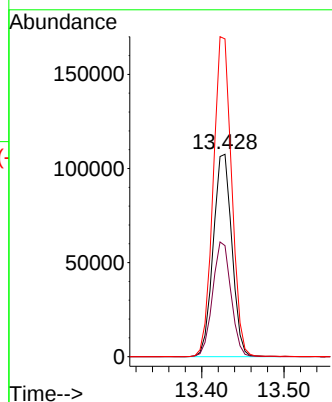
Tgt Ion:152 Resp: 169080

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 156.3 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 39.170 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY010376.D

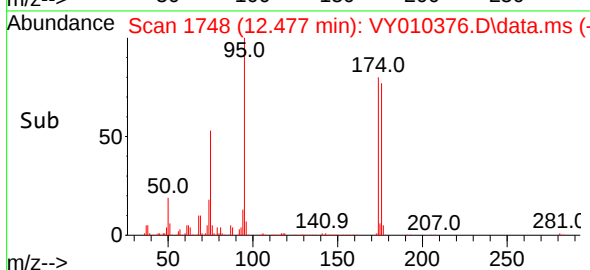
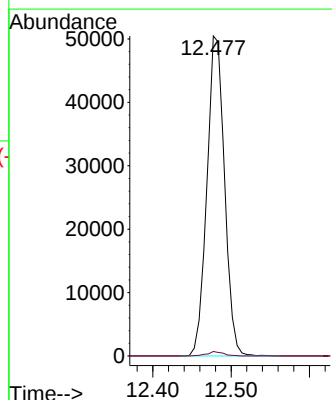
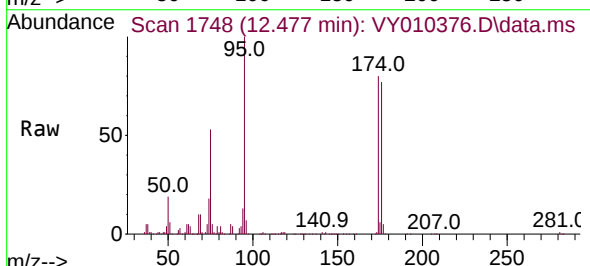
Acq: 07 Sep 2022 16:47

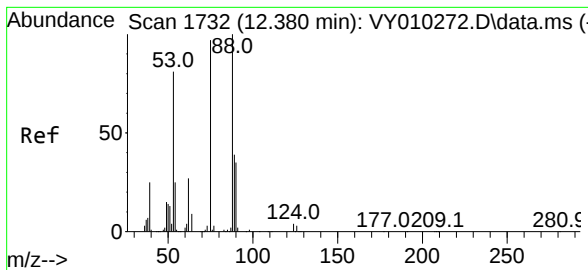
Tgt Ion: 75 Resp: 78814

Ion Ratio Lower Upper

75 100

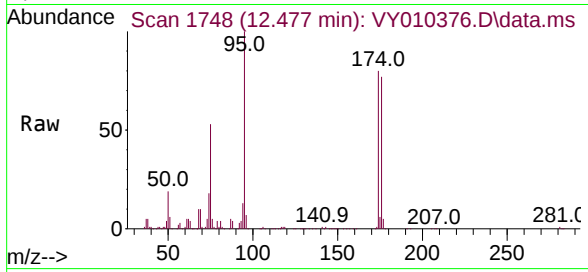
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.712 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010376.D
 Acq: 07 Sep 2022 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-10



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

