

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010371.D
 Acq On : 07 Sep 2022 14:50
 Operator : KP/MD
 Sample : N4474-05
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-05

Quant Time: Sep 08 04:11:16 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)

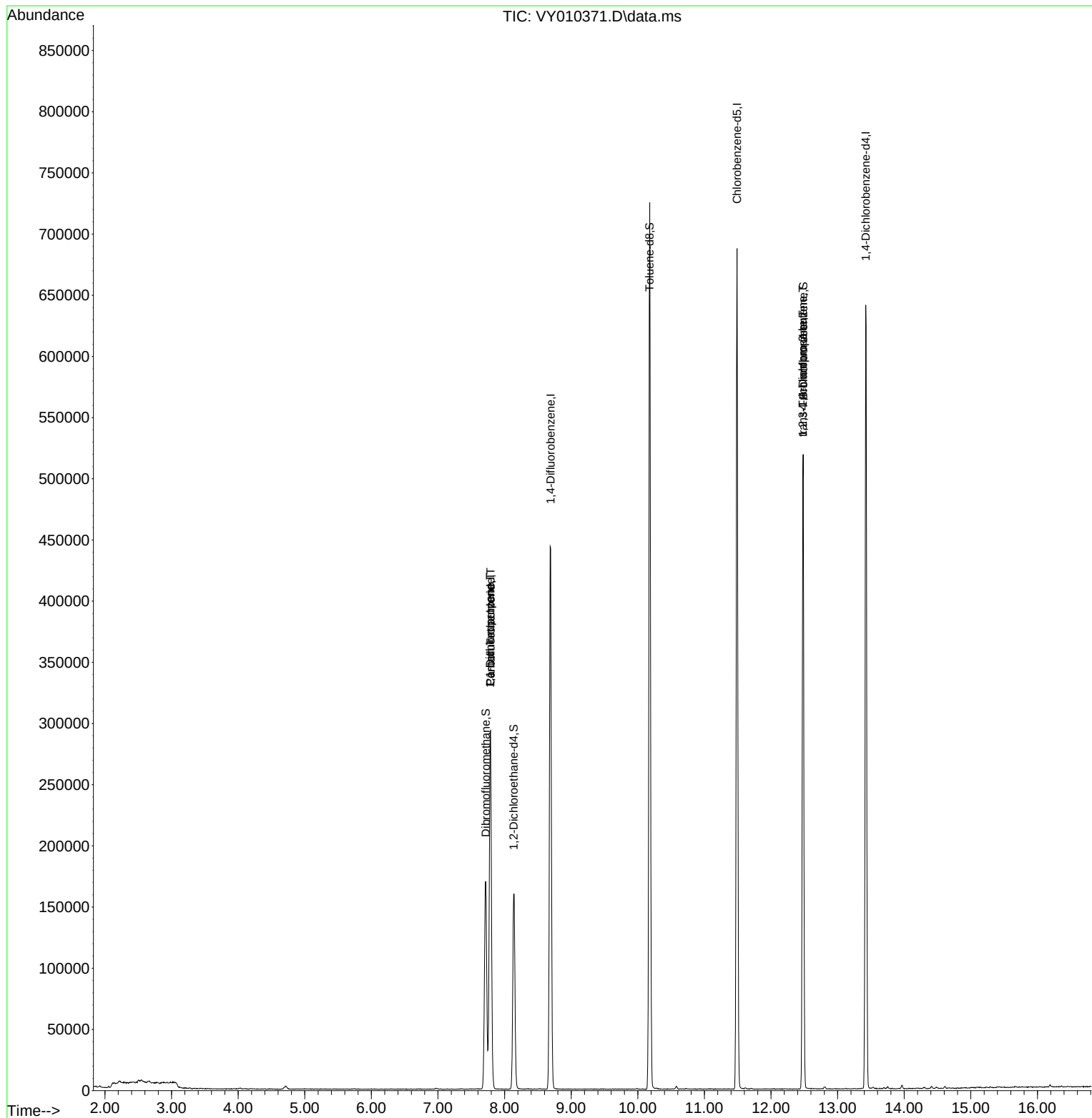
Internal Standards						
1) Pentafluorobenzene	7.789	168	239994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	399128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	375547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129071	52.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.900%	
35) Dibromofluoromethane	7.716	113	122269	46.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.040%	
50) Toluene-d8	10.179	98	470632	52.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.800%	
62) 4-Bromofluorobenzene	12.483	95	162149	44.865	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	460	Below Cal	#	77
36) 1,1-Dichloropropene	7.783	75	16858	4.324	ug/l #	51
38) Carbon Tetrachloride	7.789	117	22524	5.606	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	83037	39.866	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	83037	83.165	ug/l #	7

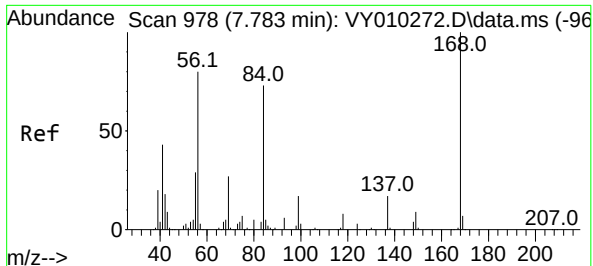
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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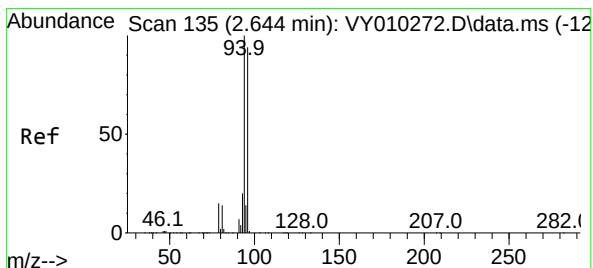
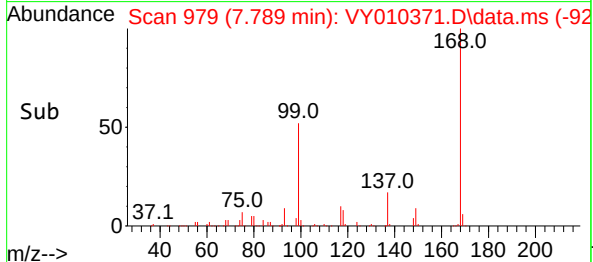
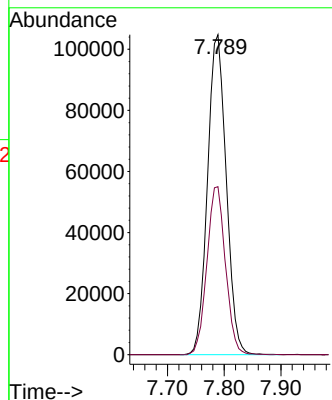
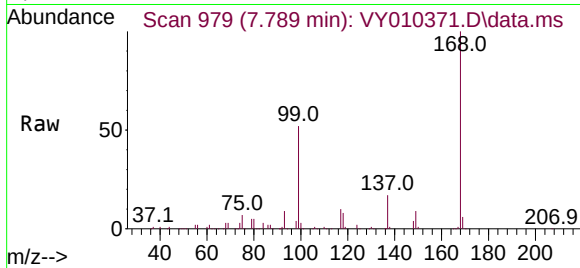




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010371.D
Acq: 07 Sep 2022 14:50

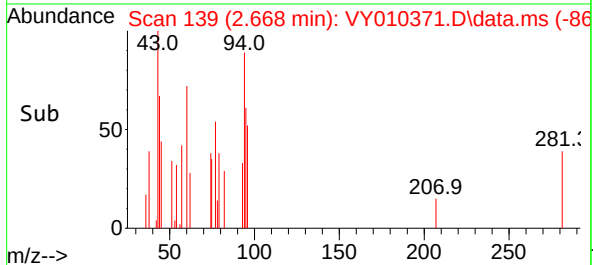
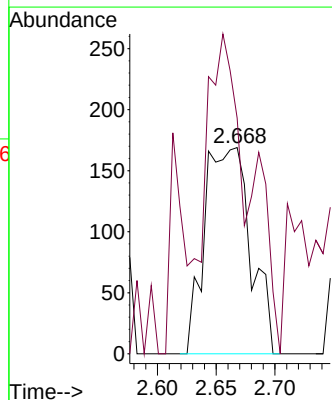
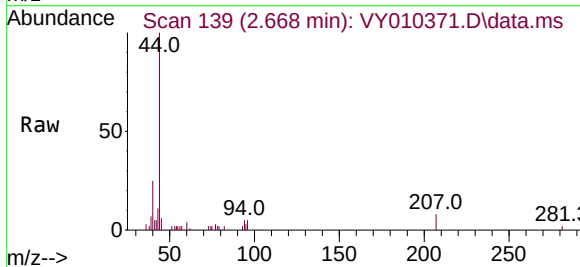
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-05

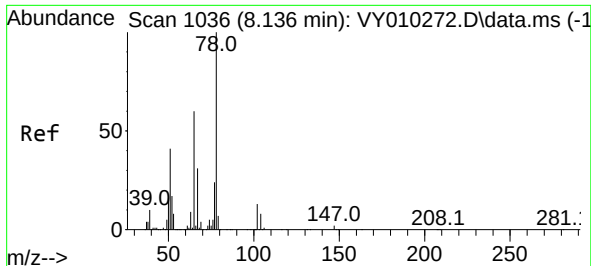
Tgt Ion:168 Resp: 239994
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.024 min
Lab File: VY010371.D
Acq: 07 Sep 2022 14:50

Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 114.2 73.5 110.3#





#33

1,2-Dichloroethane-d4

Concen: 52.449 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010371.D

Acq: 07 Sep 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

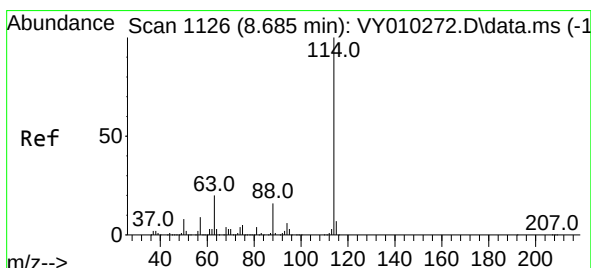
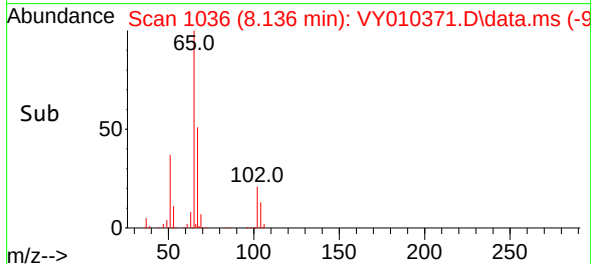
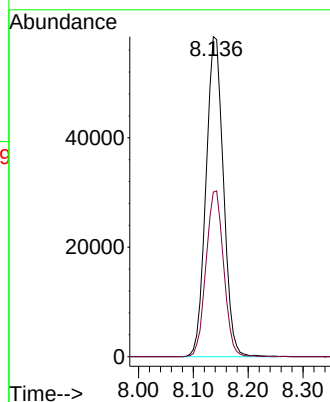
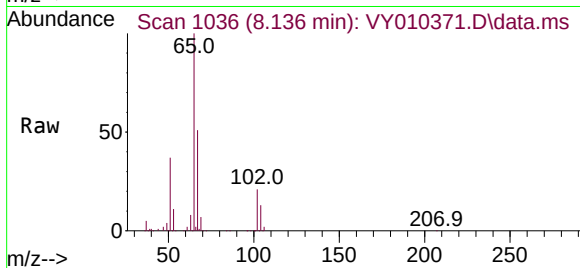
BEACONPOINT-BF-VOC-05

Tgt Ion: 65 Resp: 129071

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010371.D

Acq: 07 Sep 2022 14:50

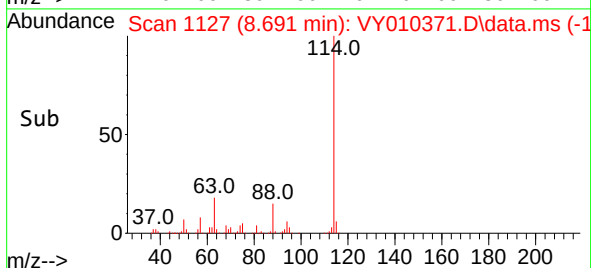
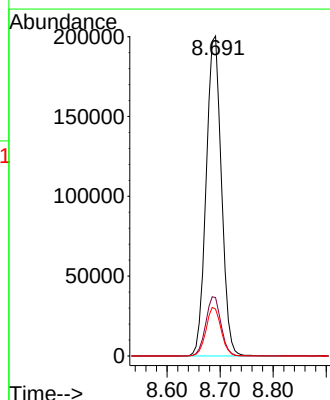
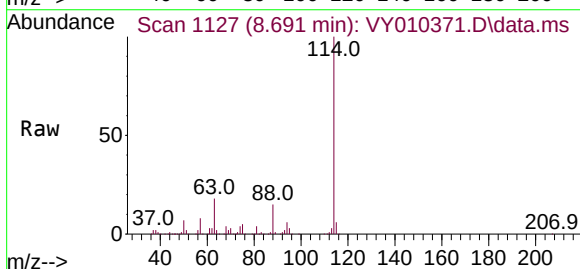
Tgt Ion: 114 Resp: 399128

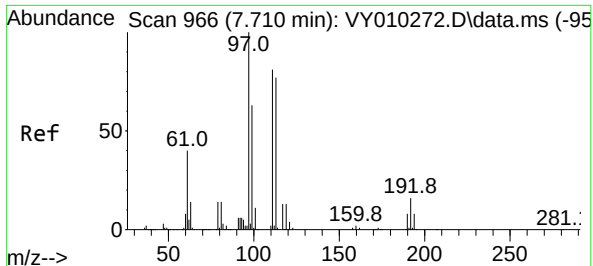
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.6 0.0 31.8

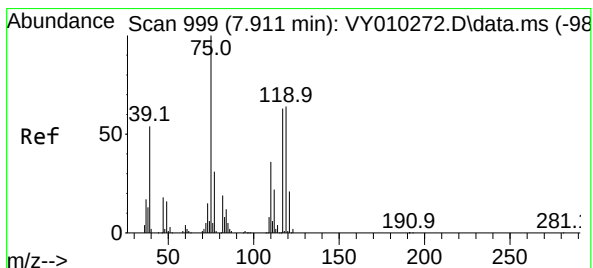
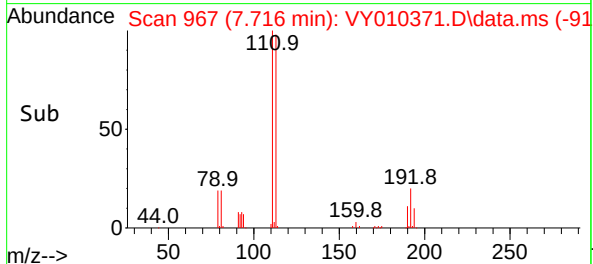
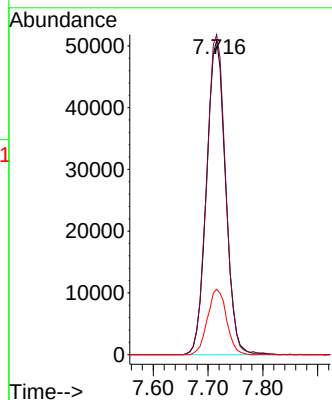
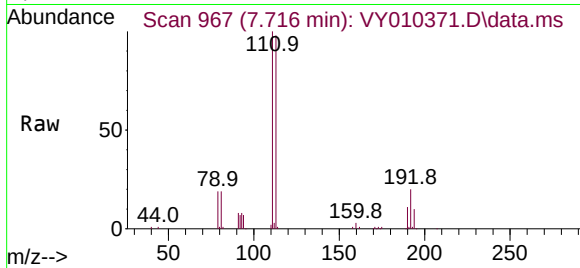




#35
Dibromofluoromethane
Concen: 46.016 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010371.D
Acq: 07 Sep 2022 14:50

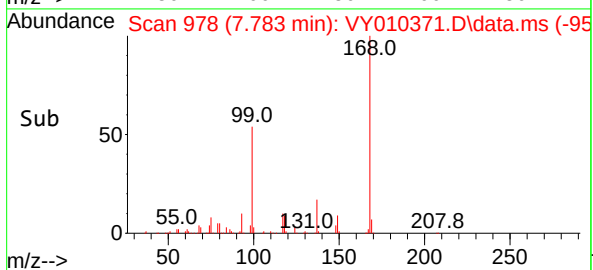
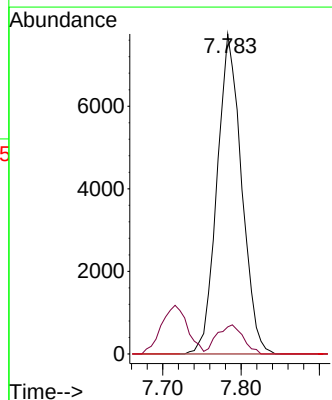
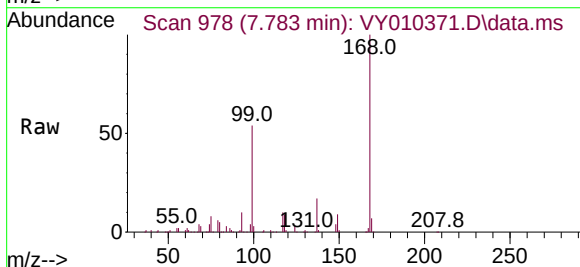
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-05

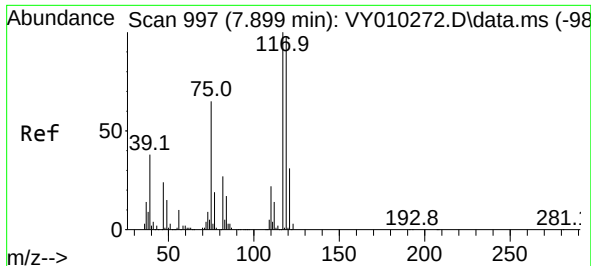
Tgt Ion:113 Resp: 122269
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010371.D
Acq: 07 Sep 2022 14:50

Tgt Ion: 75 Resp: 16858
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

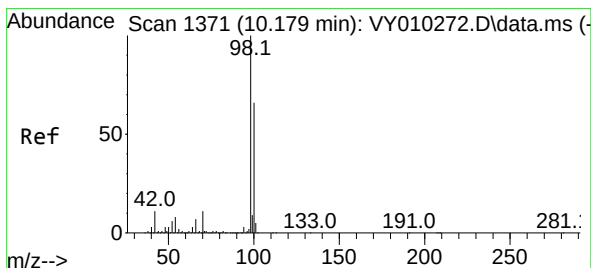
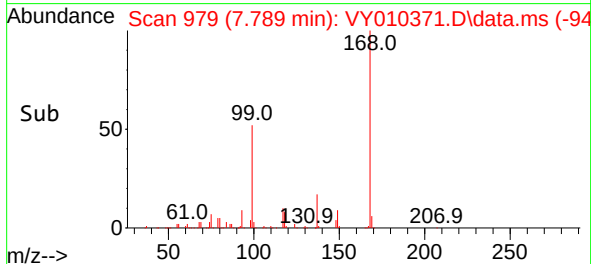
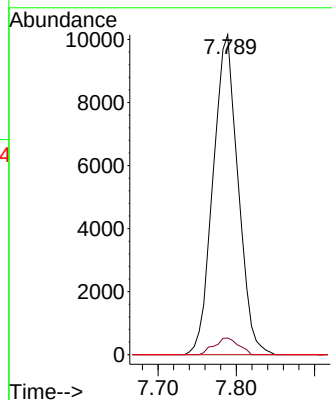
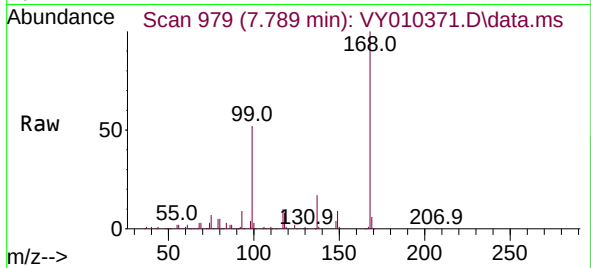




#38
Carbon Tetrachloride
Concen: 5.606 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010371.D
Acq: 07 Sep 2022 14:50

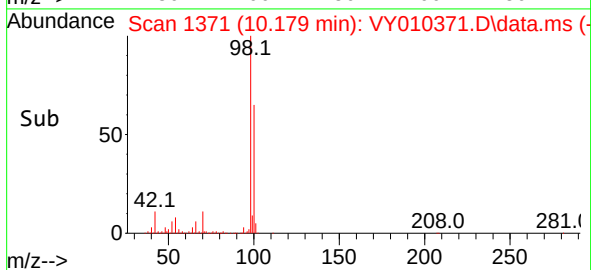
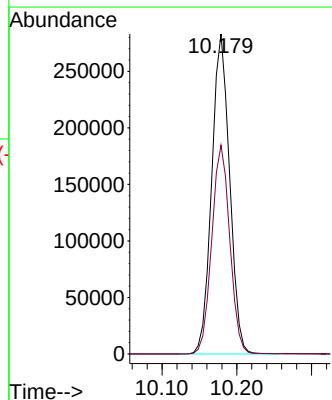
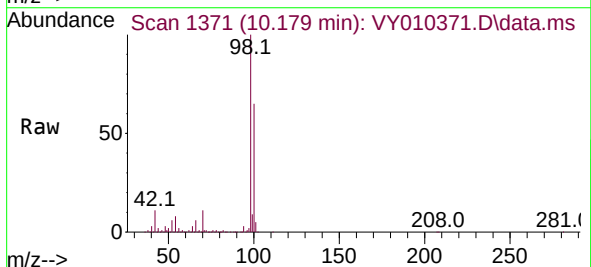
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-05

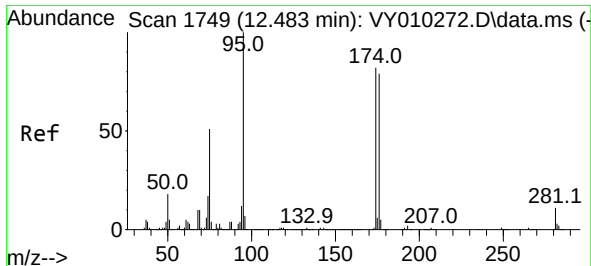
Tgt Ion:117 Resp: 22524
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.904 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010371.D
Acq: 07 Sep 2022 14:50

Tgt Ion: 98 Resp: 470632
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

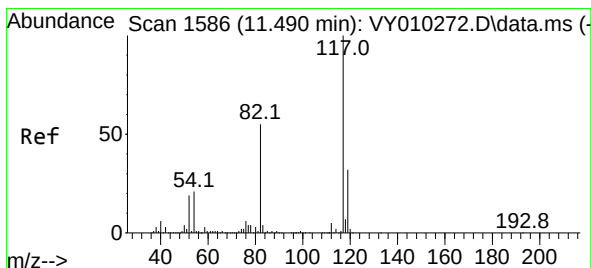
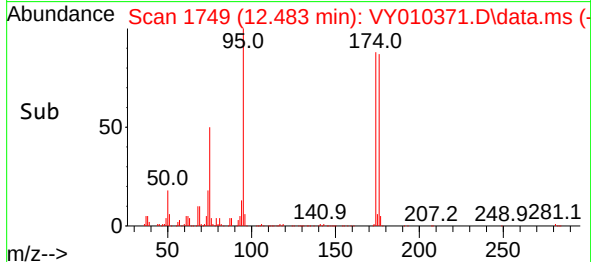
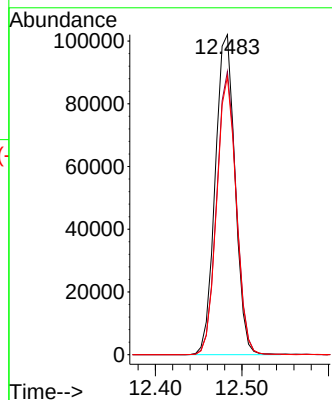
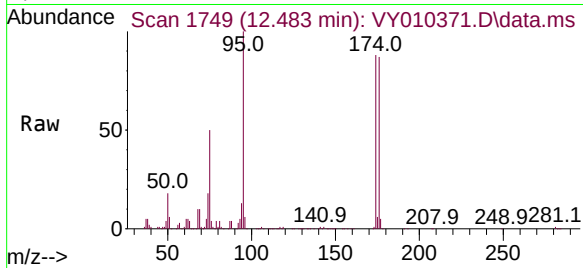




#62
4-Bromofluorobenzene
Concen: 44.865 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010371.D
Acq: 07 Sep 2022 14:50

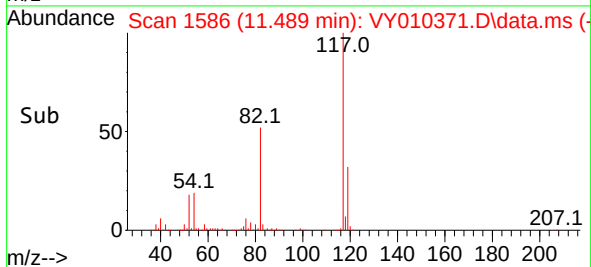
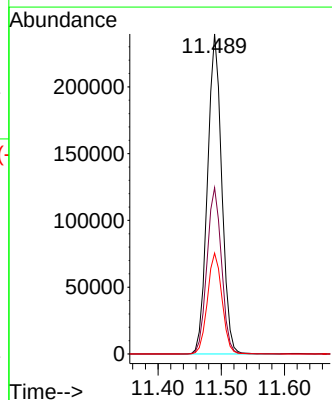
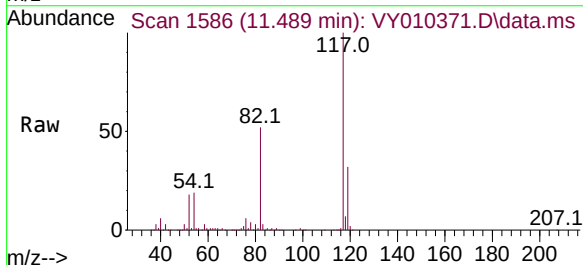
Instrument :
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BEACONPOINT-BF-VOC-05

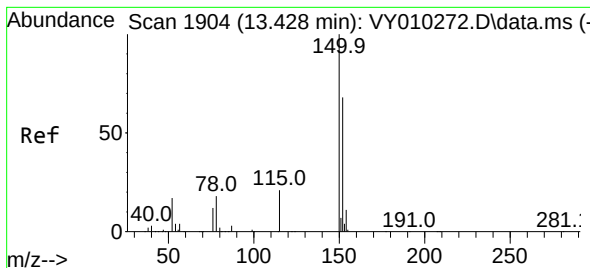
Tgt Ion: 95 Resp: 162149
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 85.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010371.D
Acq: 07 Sep 2022 14:50

Tgt Ion: 117 Resp: 375547
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 31.5 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: VY010371.D

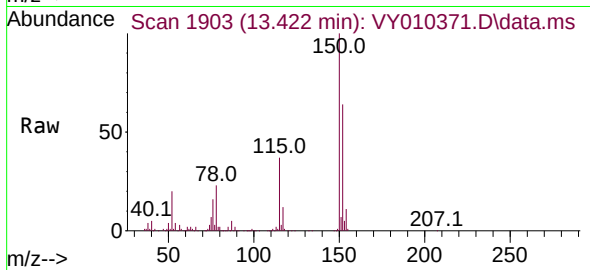
Acq: 07 Sep 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-05



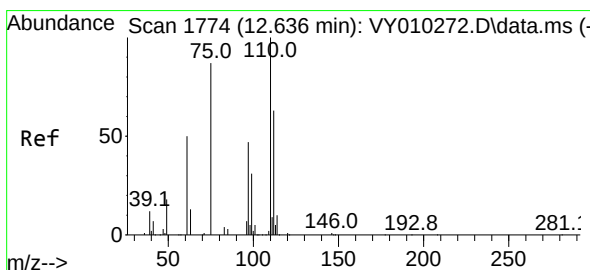
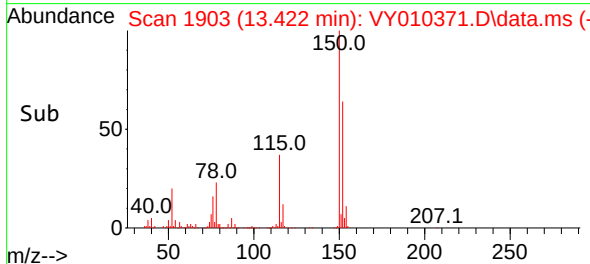
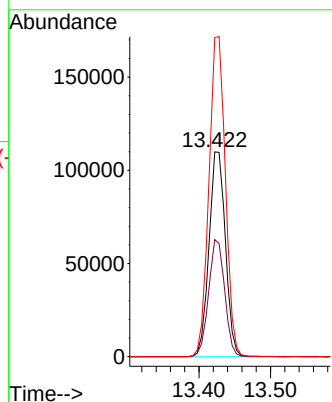
Tgt Ion:152 Resp: 175027

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 157.1 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 39.866 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY010371.D

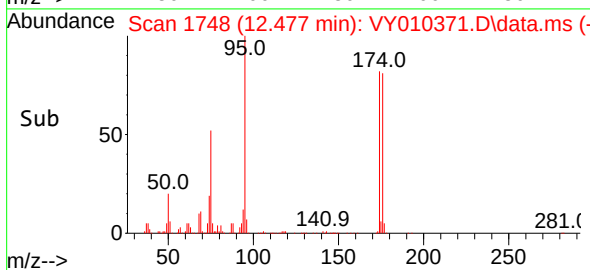
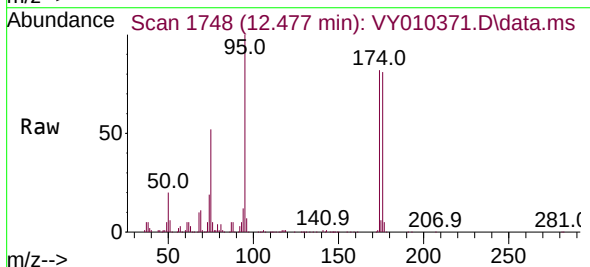
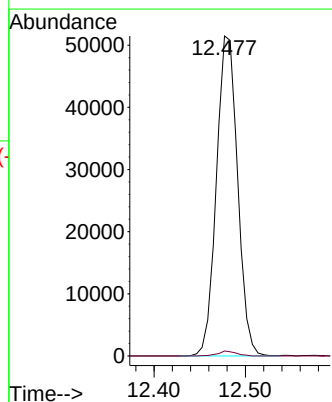
Acq: 07 Sep 2022 14:50

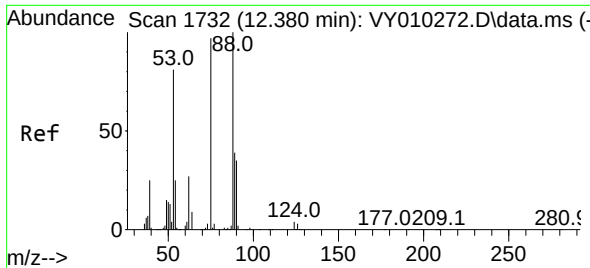
Tgt Ion: 75 Resp: 83037

Ion Ratio Lower Upper

75 100

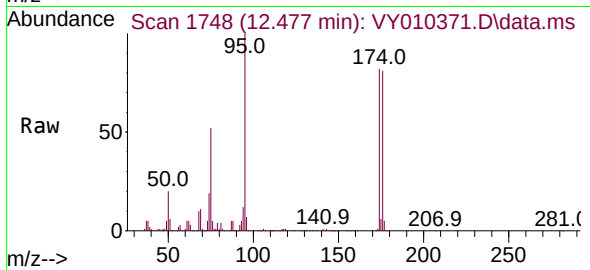
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.165 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010371.D
 Acq: 07 Sep 2022 14:50

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

