

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010374.D
 Acq On : 07 Sep 2022 16:01
 Operator : KP/MD
 Sample : N4474-08
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-08

Quant Time: Sep 08 04:12:26 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)

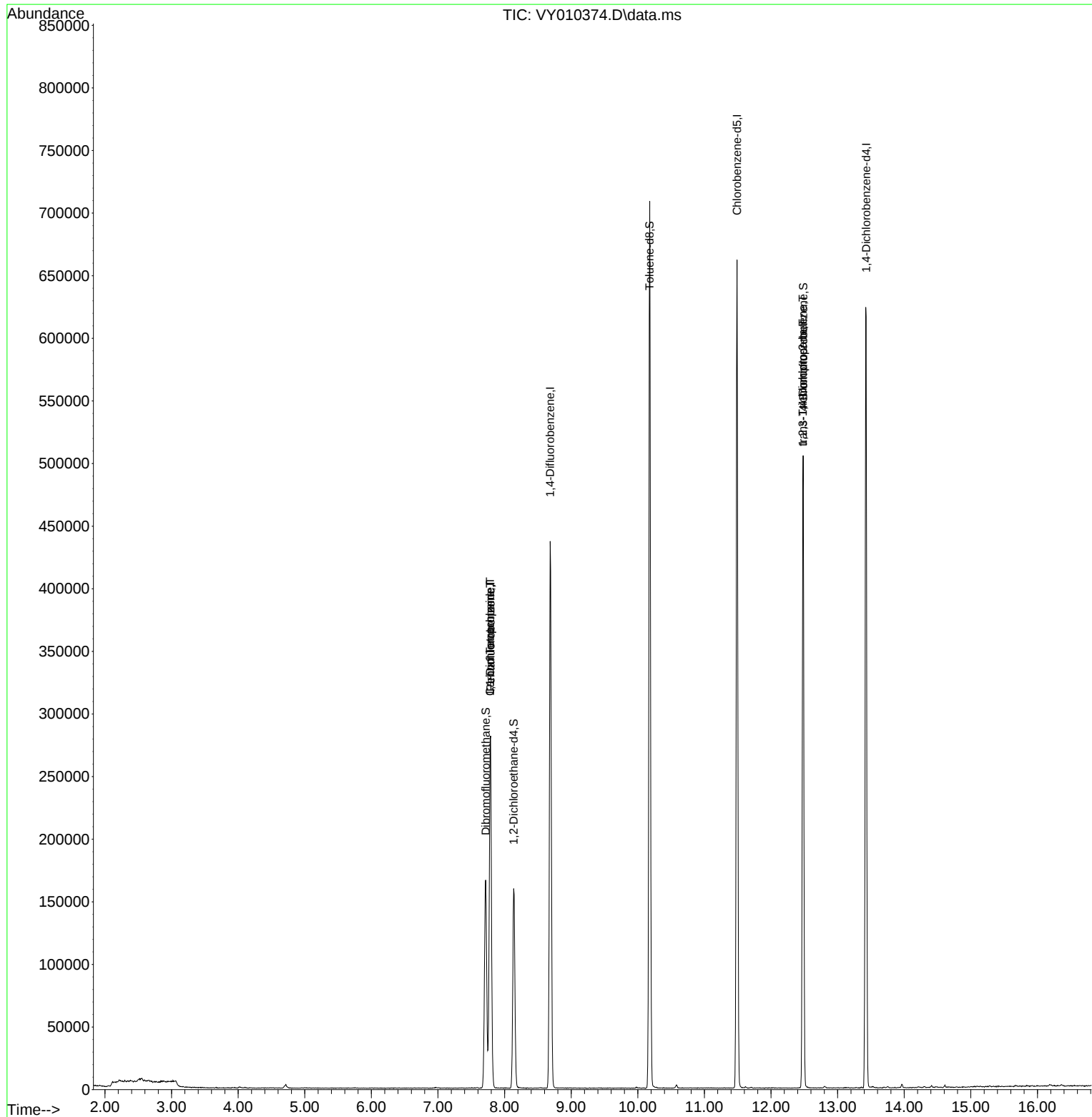
Internal Standards						
1) Pentafluorobenzene	7.789	168	229457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	384590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	364943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124563	52.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.880%
35) Dibromofluoromethane	7.716	113	117504	45.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.780%
50) Toluene-d8	10.179	98	456425	53.247	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.500%
62) 4-Bromofluorobenzene	12.483	95	157910	45.421	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.840%
Target Compounds						
5) Bromomethane	2.656	94	475	Below Cal	#	77
36) 1,1-Dichloropropene	7.783	75	16185	4.309	ug/l #	51
38) Carbon Tetrachloride	7.783	117	21900	5.657	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	79646	39.833	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	79646	83.096	ug/l #	7

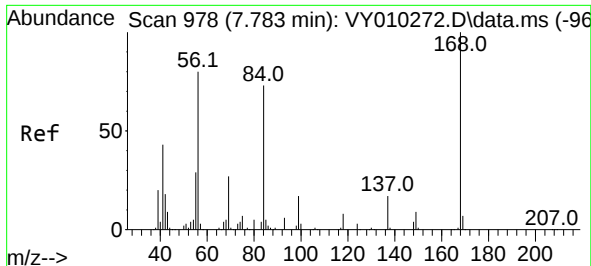
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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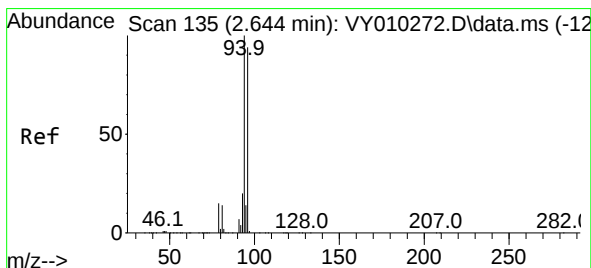
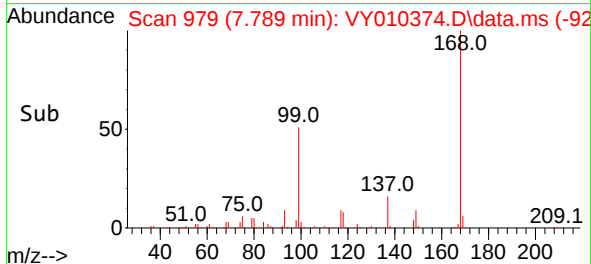
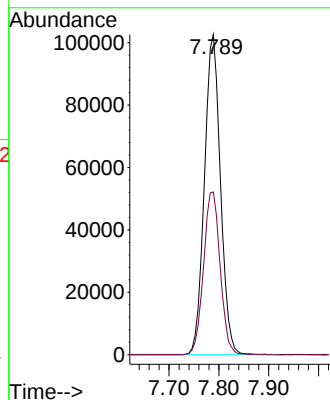
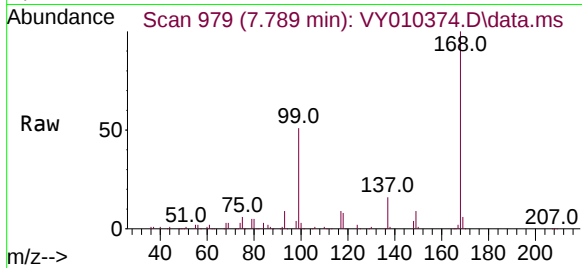




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010374.D
Acq: 07 Sep 2022 16:01

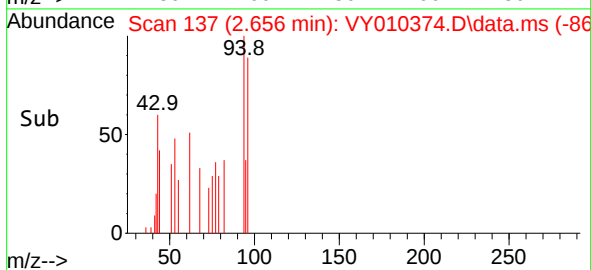
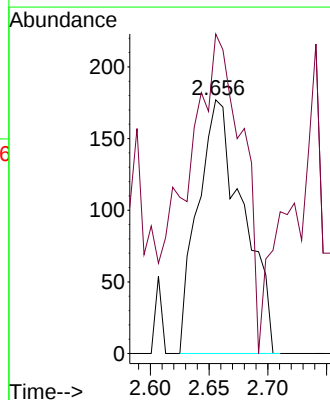
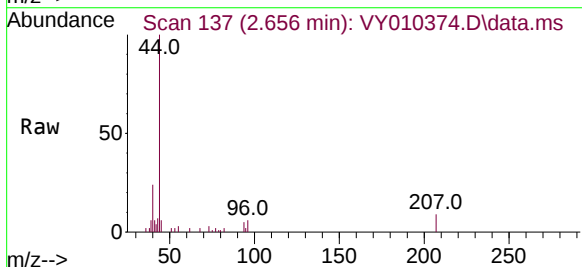
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-08

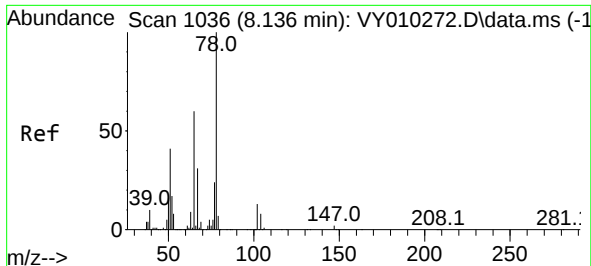
Tgt Ion:168 Resp: 229457
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010374.D
Acq: 07 Sep 2022 16:01

Tgt Ion: 94 Resp: 475
Ion Ratio Lower Upper
94 100
96 70.1 73.5 110.3#





#33

1,2-Dichloroethane-d4

Concen: 52.942 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010374.D

Acq: 07 Sep 2022 16:01

Instrument :

MSVOA_Y

ClientSampleId :

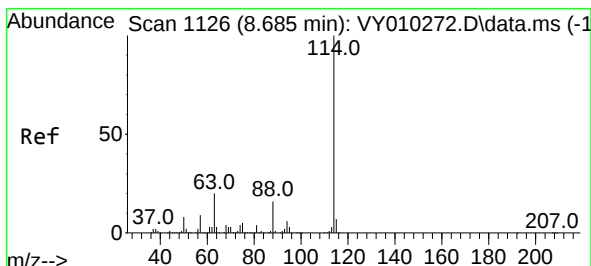
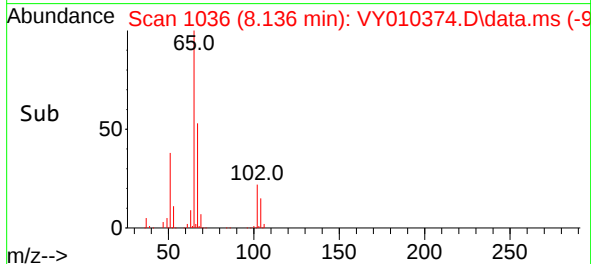
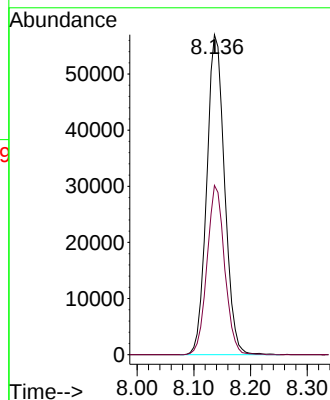
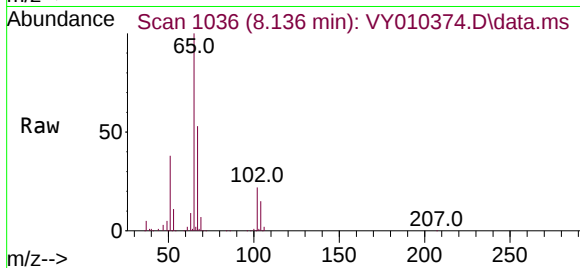
BEACONPOINT-BF-VOC-08

Tgt Ion: 65 Resp: 124563

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: VY010374.D

Acq: 07 Sep 2022 16:01

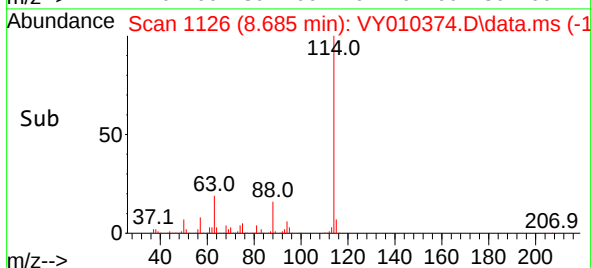
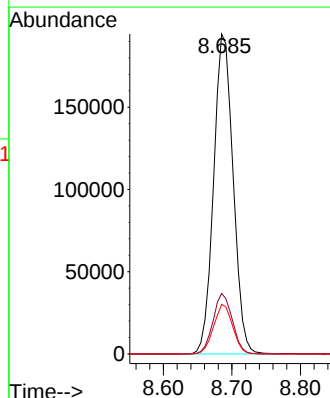
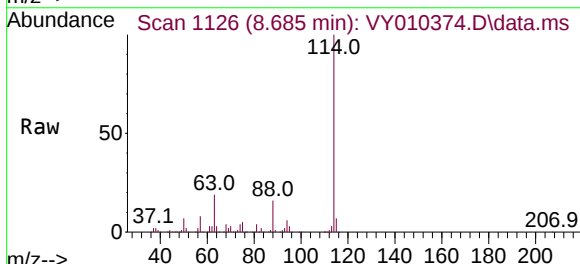
Tgt Ion: 114 Resp: 384590

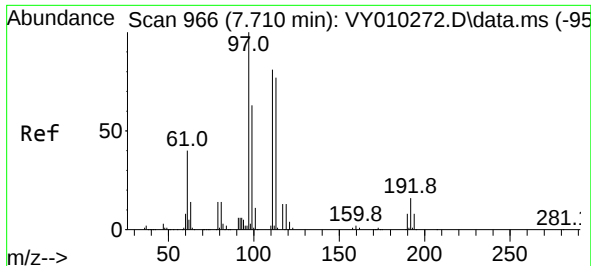
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.5 0.0 31.8

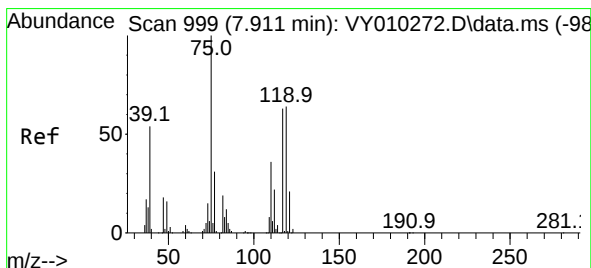
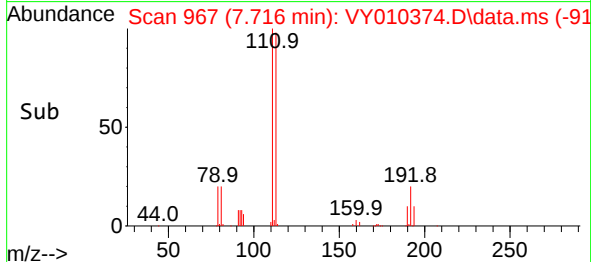
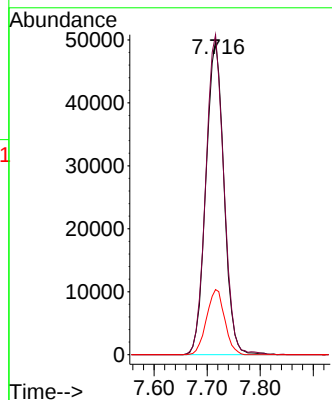
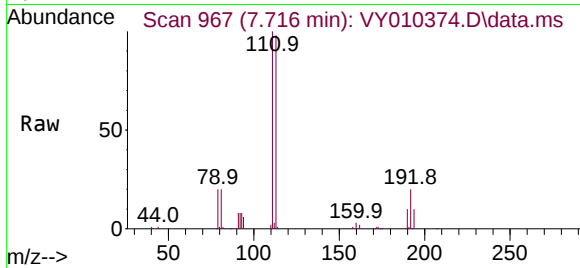




#35
Dibromofluoromethane
Concen: 45.895 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY010374.D
Acq: 07 Sep 2022 16:01

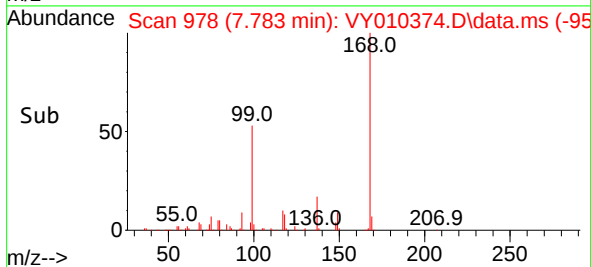
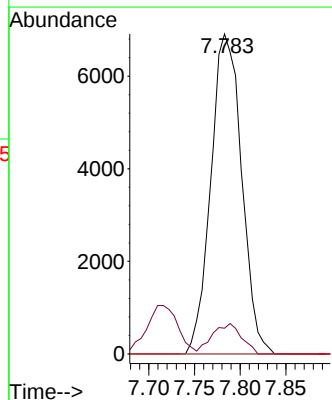
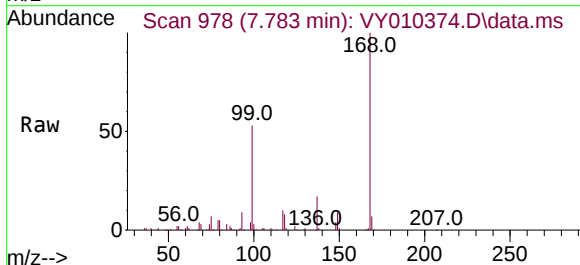
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-08

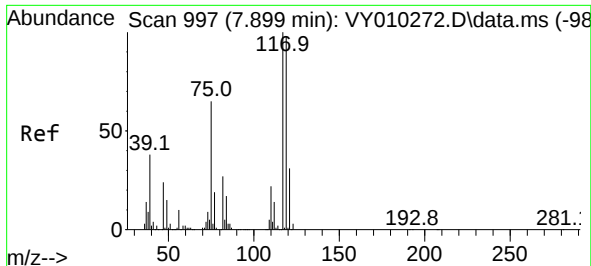
Tgt Ion:113 Resp: 117504
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.309 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010374.D
Acq: 07 Sep 2022 16:01

Tgt Ion: 75 Resp: 16185
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

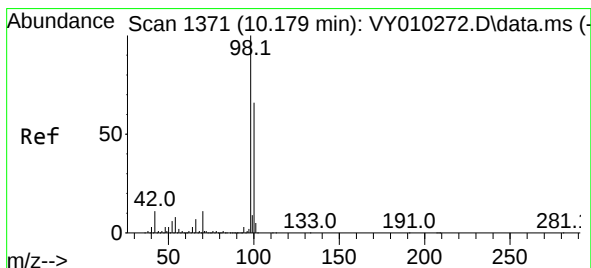
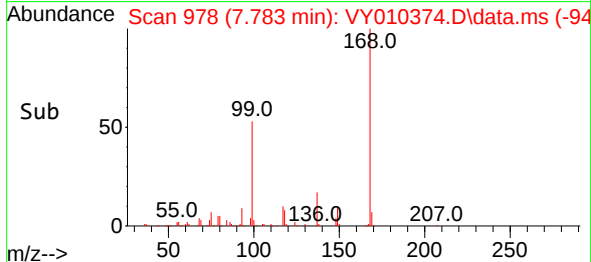
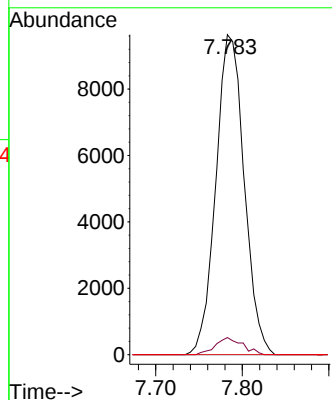
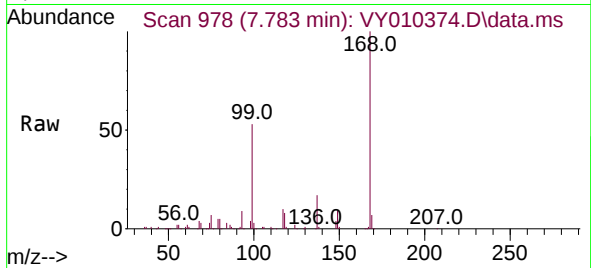




#38
Carbon Tetrachloride
Concen: 5.657 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010374.D
Acq: 07 Sep 2022 16:01

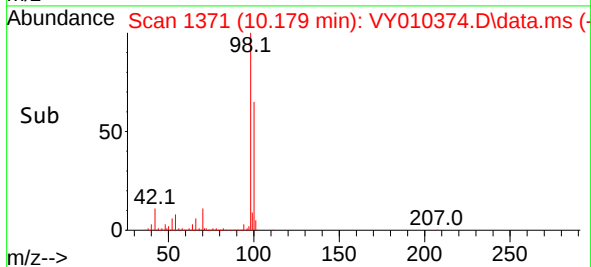
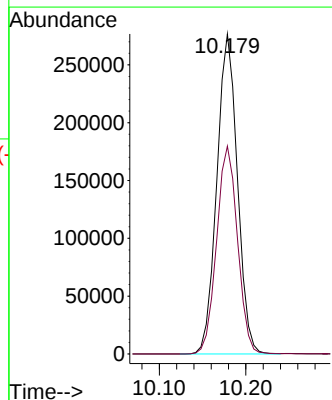
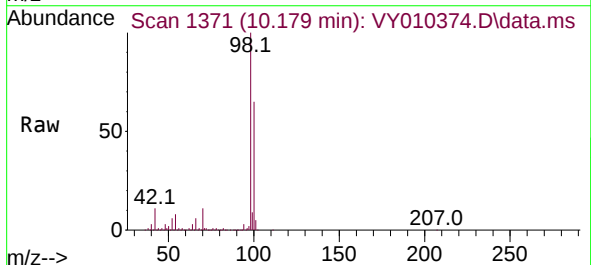
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-08

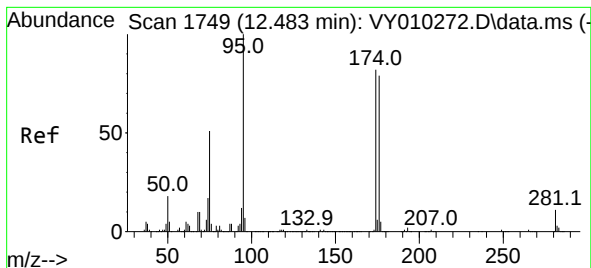
Tgt Ion:117 Resp: 21900
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.247 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010374.D
Acq: 07 Sep 2022 16:01

Tgt Ion: 98 Resp: 456425
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

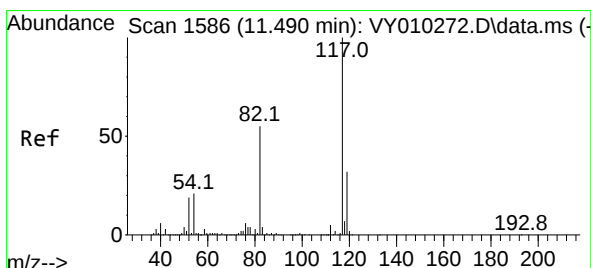
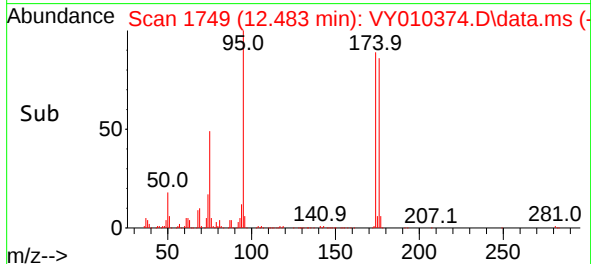
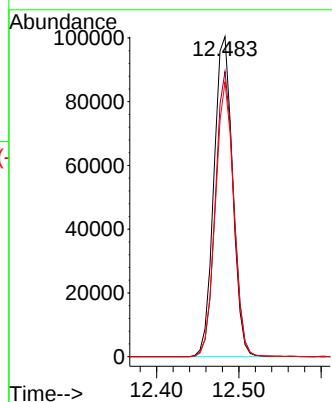
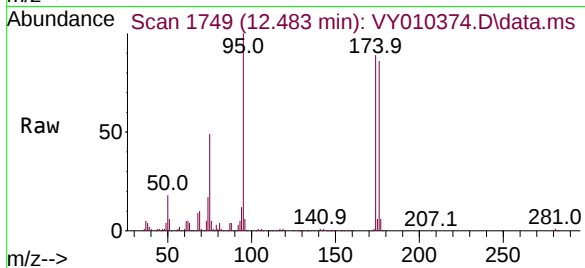




#62
4-Bromofluorobenzene
Concen: 45.421 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010374.D
Acq: 07 Sep 2022 16:01

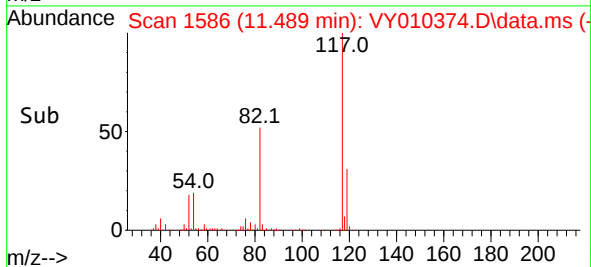
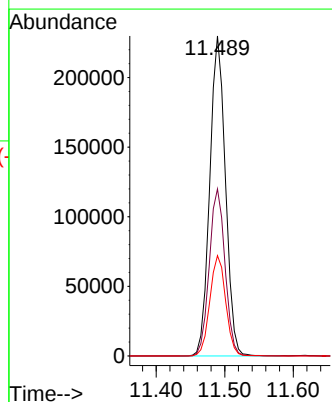
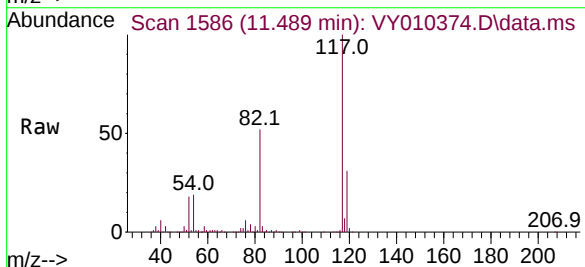
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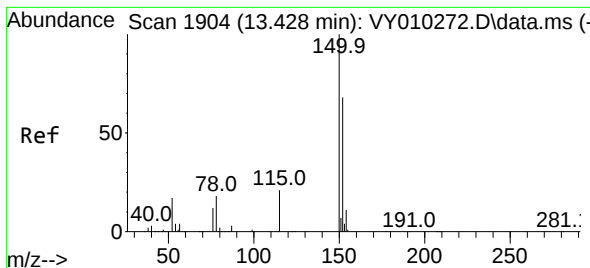
Tgt Ion: 95 Resp: 157910
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 84.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010374.D
Acq: 07 Sep 2022 16:01

Tgt Ion: 117 Resp: 364943
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.4 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: VY010374.D

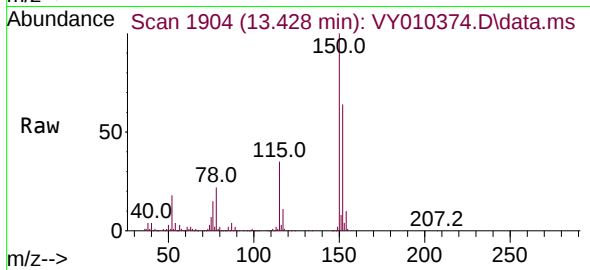
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Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-08



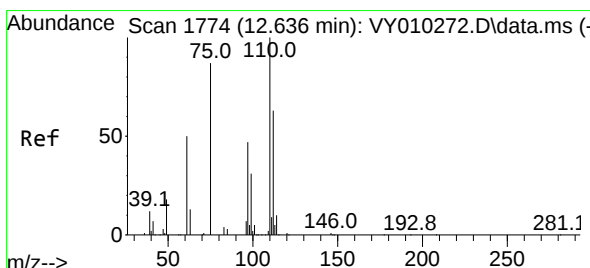
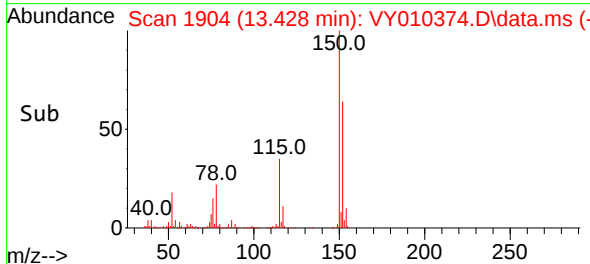
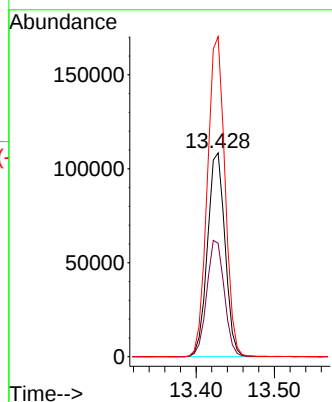
Tgt Ion:152 Resp: 168019

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 39.833 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY010374.D

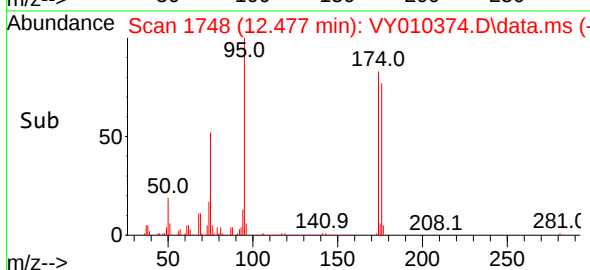
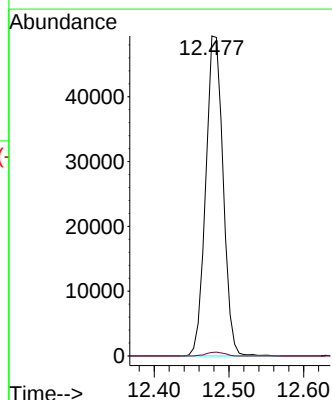
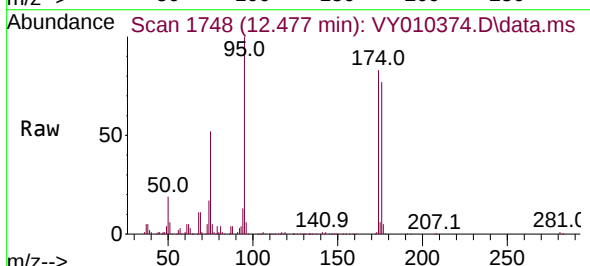
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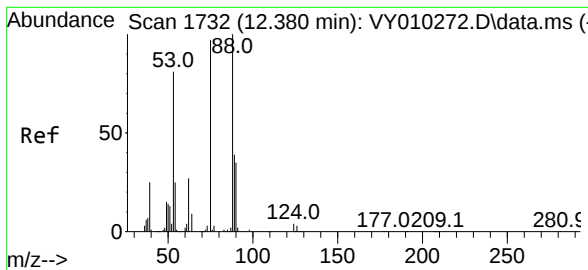
Tgt Ion: 75 Resp: 79646

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.096 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010374.D
 Acq: 07 Sep 2022 16:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-08

Tgt Ion: 75 Resp: 79646
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

