

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010396.D
 Acq On : 08 Sep 2022 15:25
 Operator : KP/MD
 Sample : N4474-04
 Misc : 5.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-04

Quant Time: Sep 09 06:26:14 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	7.783	168	290599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	474332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	427972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144074	48.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.700%
35) Dibromofluoromethane	7.716	113	141515	44.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.640%
50) Toluene-d8	10.179	98	551002	52.119	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.477	95	186357	43.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.300%

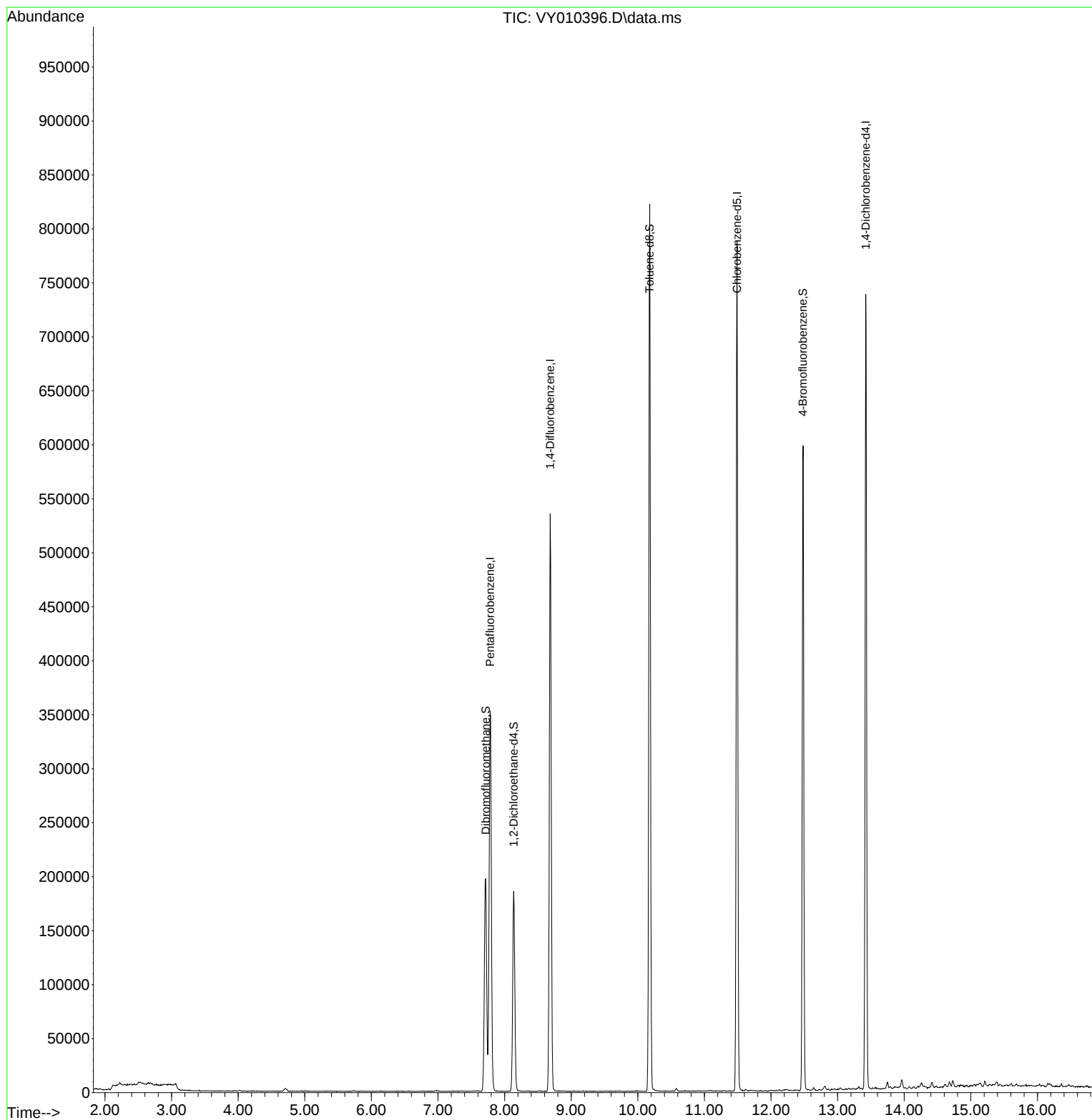
Target Compounds Qvalue

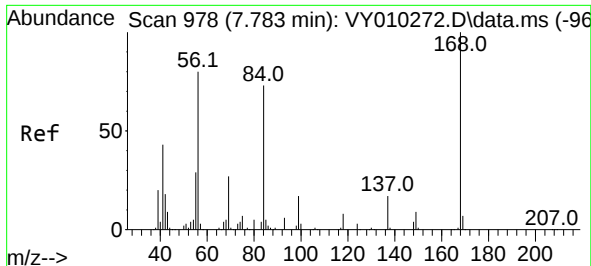
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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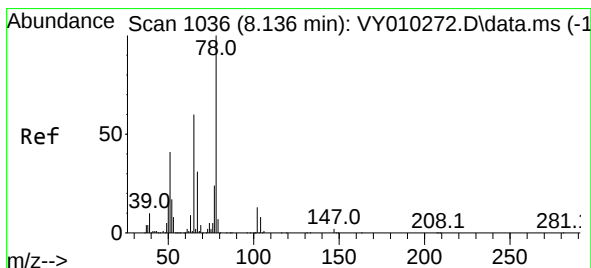
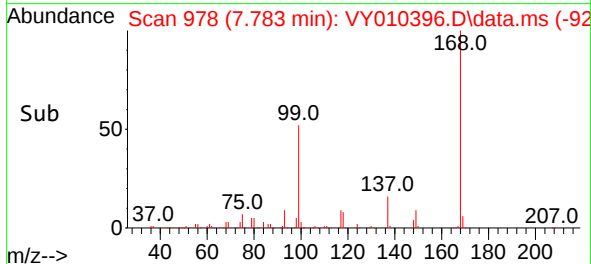
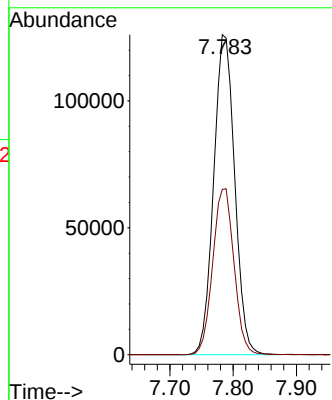
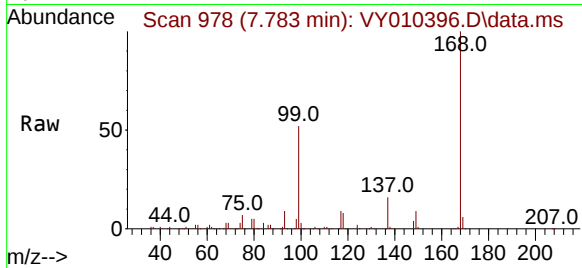




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010396.D
Acq: 08 Sep 2022 15:25

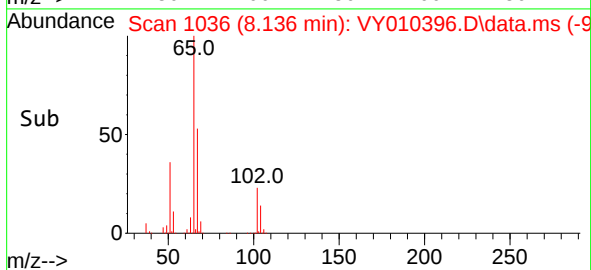
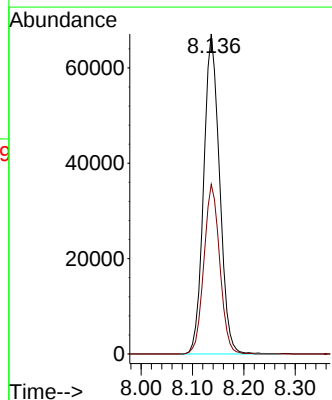
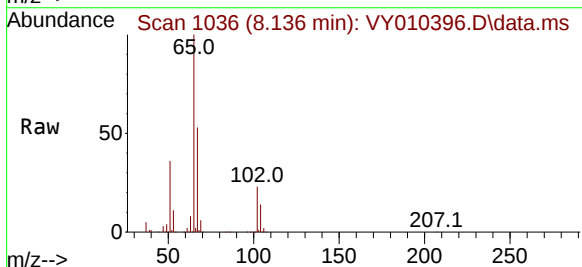
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-04

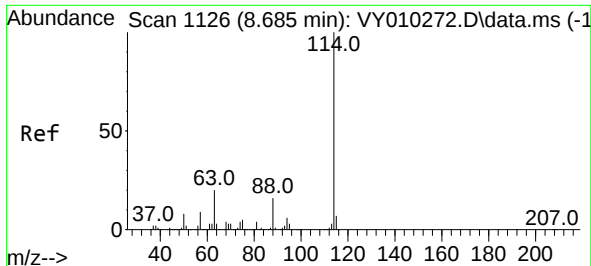
Tgt Ion:168 Resp: 290599
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.351 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010396.D
Acq: 08 Sep 2022 15:25

Tgt Ion: 65 Resp: 144074
Ion Ratio Lower Upper
65 100
67 52.7 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: VY010396.D

Acq: 08 Sep 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-04

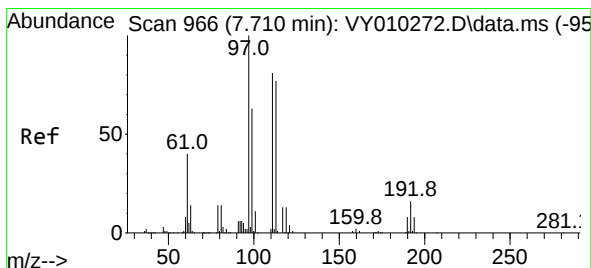
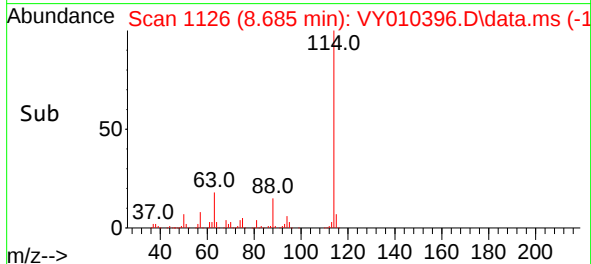
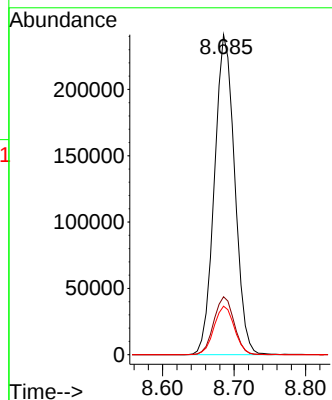
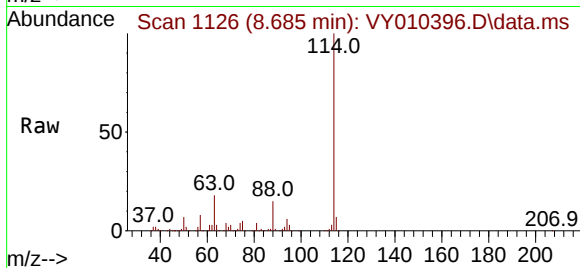
Tgt Ion:114 Resp: 474332

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.816 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010396.D

Acq: 08 Sep 2022 15:25

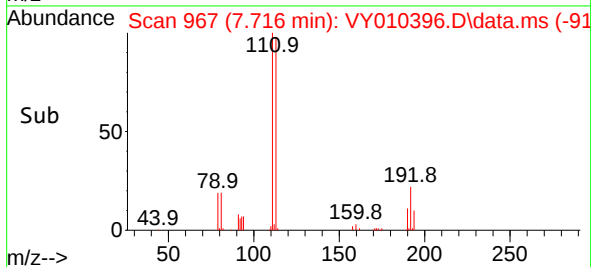
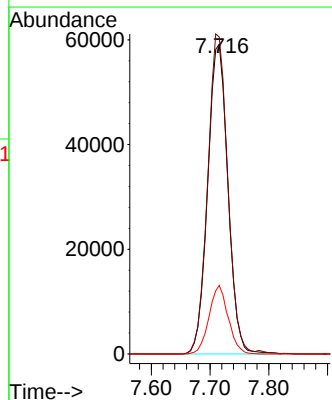
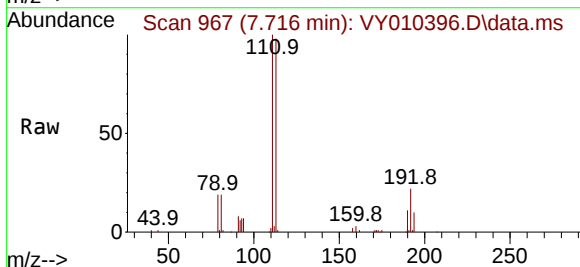
Tgt Ion:113 Resp: 141515

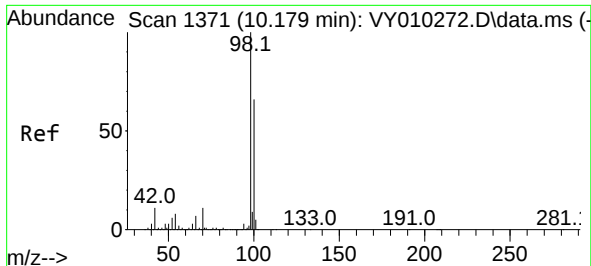
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 20.9 17.6 26.4

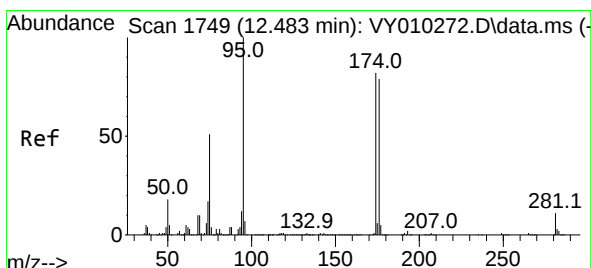
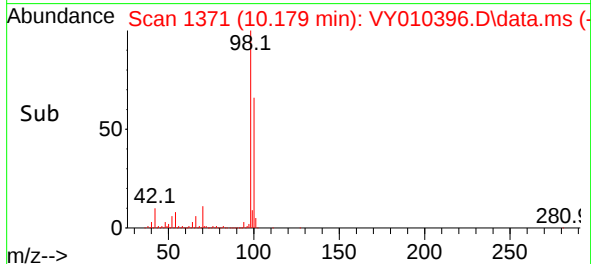
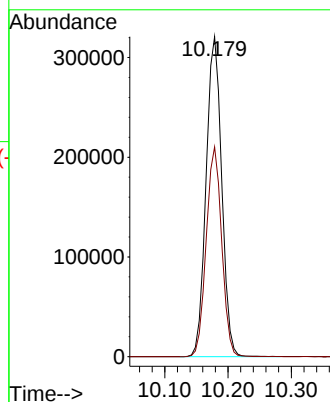
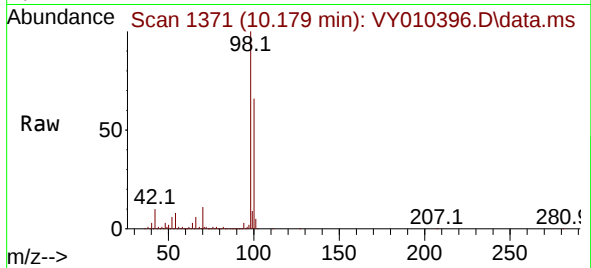




#50
Toluene-d8
Concen: 52.119 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010396.D
Acq: 08 Sep 2022 15:25

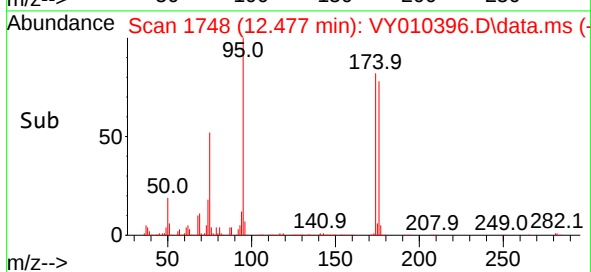
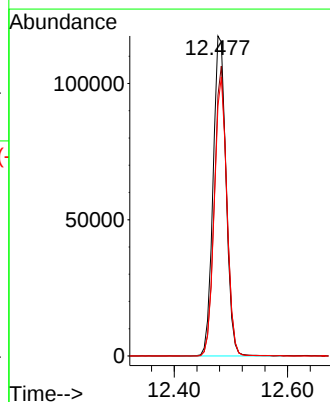
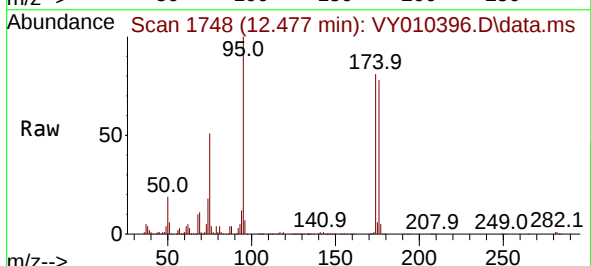
Instrument :
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BEACONPOINT-BF-VOC-04

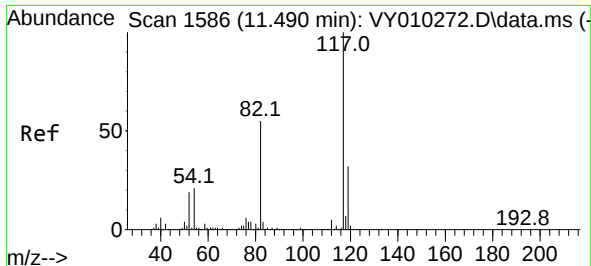
Tgt Ion: 98 Resp: 551002
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.150 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010396.D
Acq: 08 Sep 2022 15:25

Tgt Ion: 95 Resp: 186357
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 84.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010396.D

Acq: 08 Sep 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-04

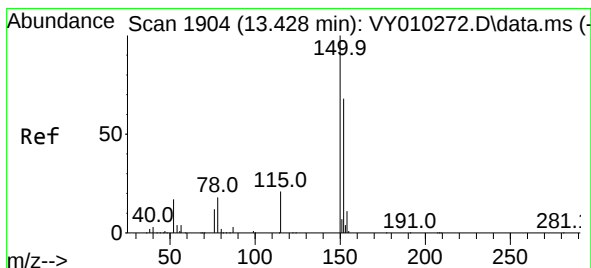
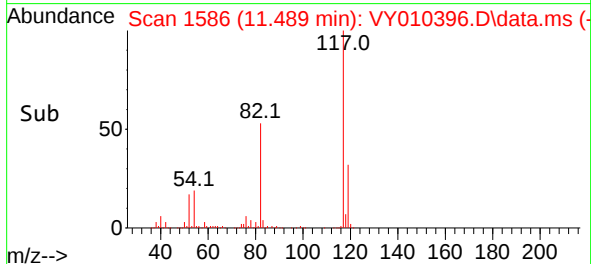
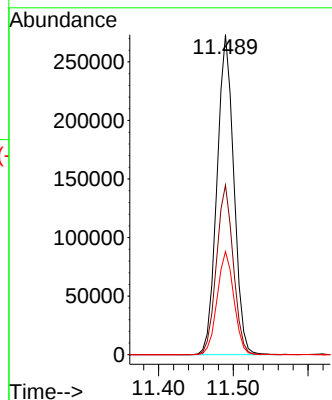
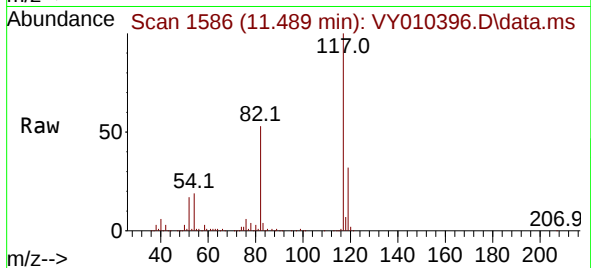
Tgt Ion:117 Resp: 427972

Ion Ratio Lower Upper

117 100

82 53.0 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# 1903

Delta R.T. -0.006 min

Lab File: VY010396.D

Acq: 08 Sep 2022 15:25

Tgt Ion:152 Resp: 197513

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 156.1 0.0 347.6

