

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010373.D
 Acq On : 07 Sep 2022 15:37
 Operator : KP/MD
 Sample : N4474-07
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-07

Quant Time: Sep 08 04:12:08 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	245211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	401229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157989	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	108739	43.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.500%
35) Dibromofluoromethane	7.716	113	116182	43.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.000%
50) Toluene-d8	10.179	98	476787	53.316	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.483	95	150667	40.923	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.840%

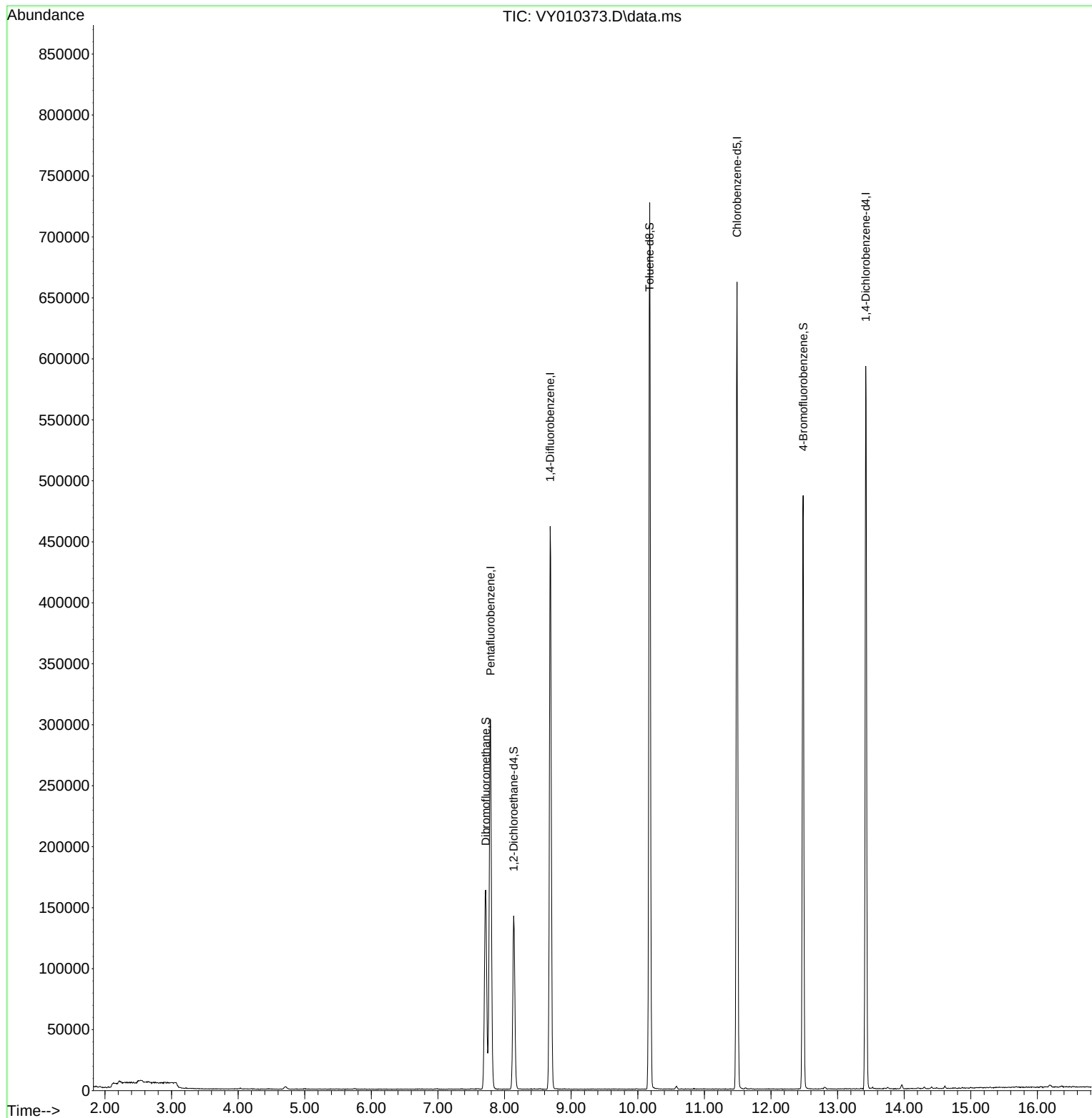
Target Compounds	Qvalue

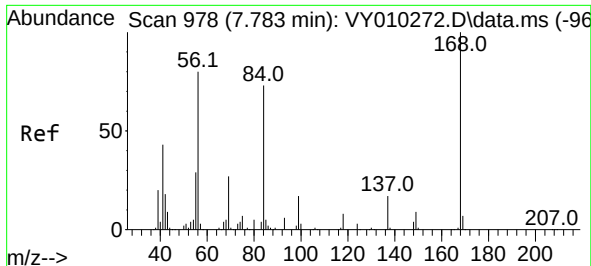
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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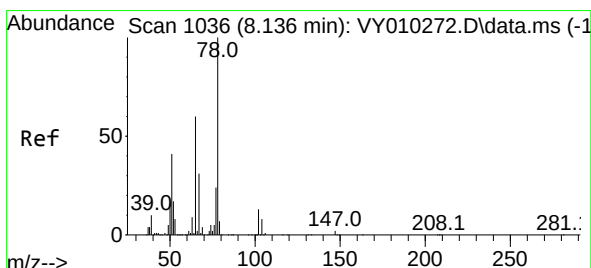
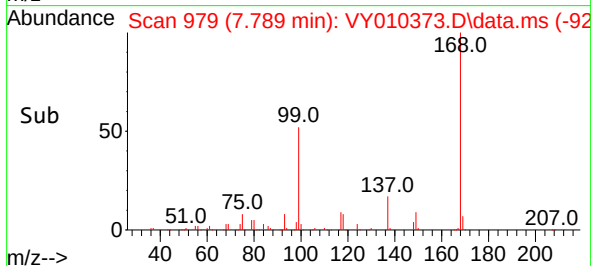
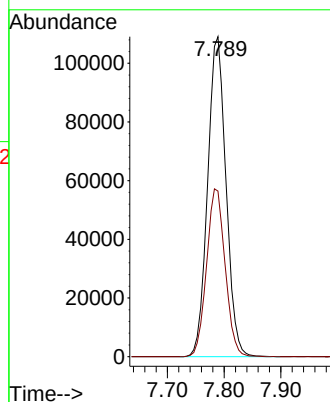
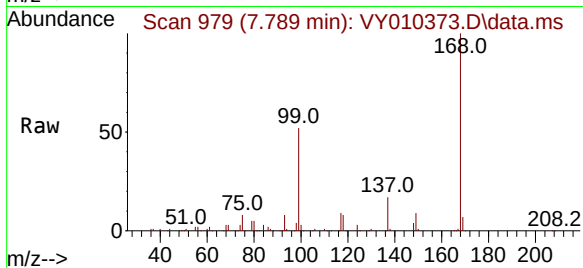




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010373.D
Acq: 07 Sep 2022 15:37

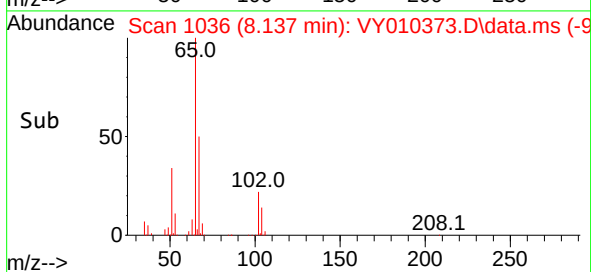
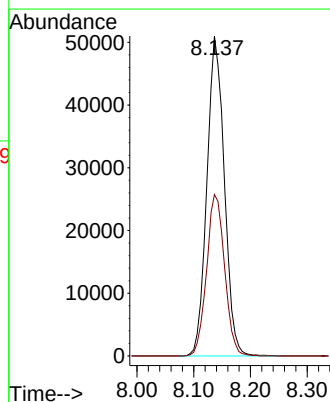
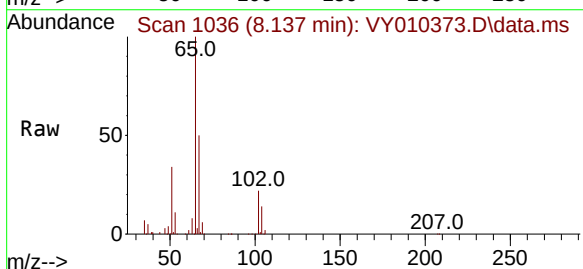
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-07

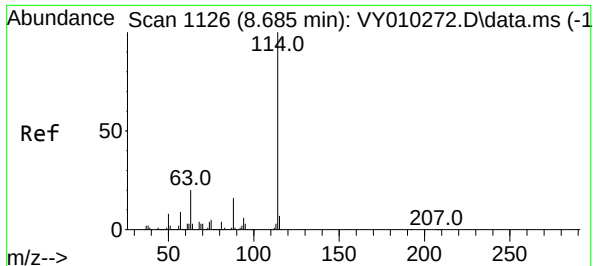
Tgt Ion:168 Resp: 245211
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 43.247 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010373.D
Acq: 07 Sep 2022 15:37

Tgt Ion: 65 Resp: 108739
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: VY010373.D

Acq: 07 Sep 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-07

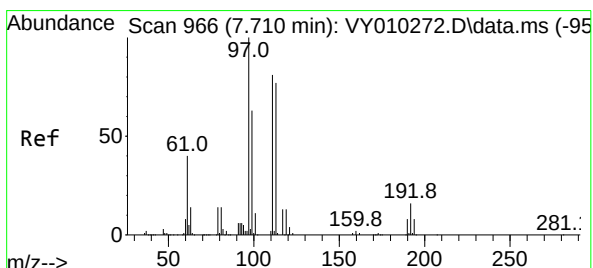
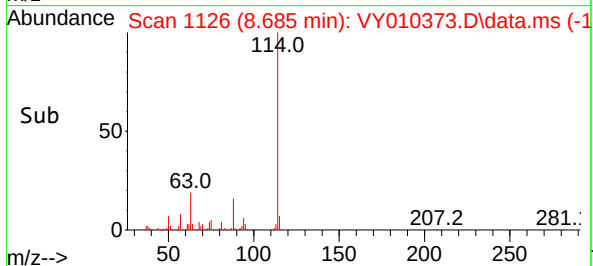
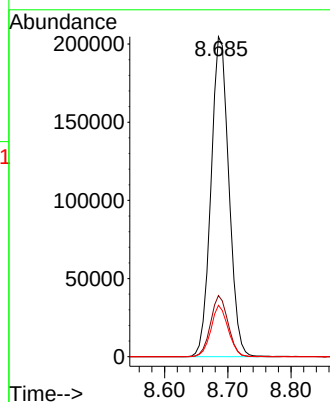
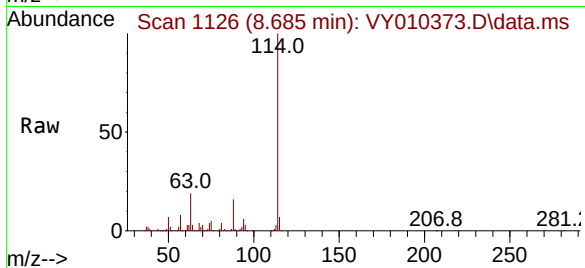
Tgt Ion:114 Resp: 401229

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 16.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.497 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010373.D

Acq: 07 Sep 2022 15:37

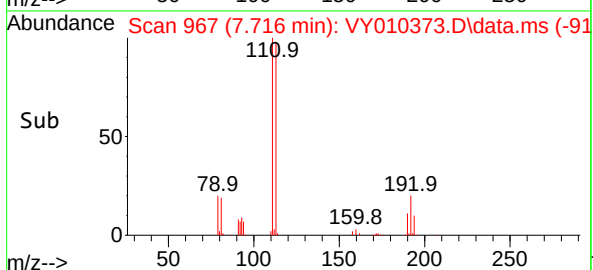
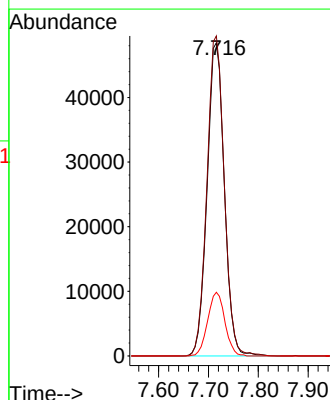
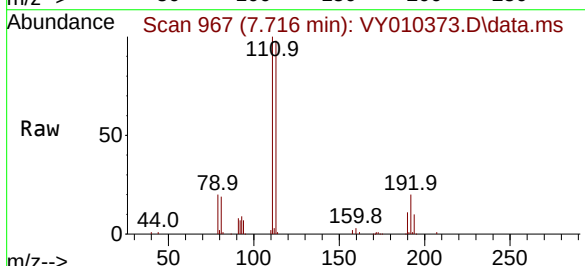
Tgt Ion:113 Resp: 116182

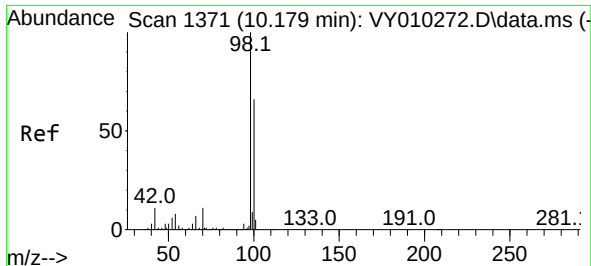
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.3 17.6 26.4

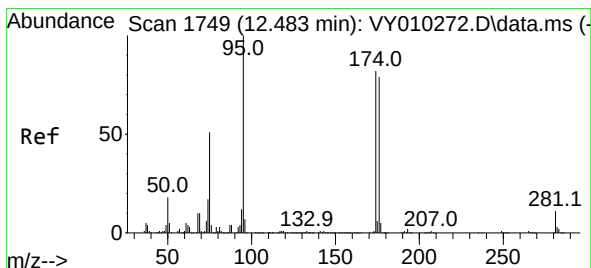
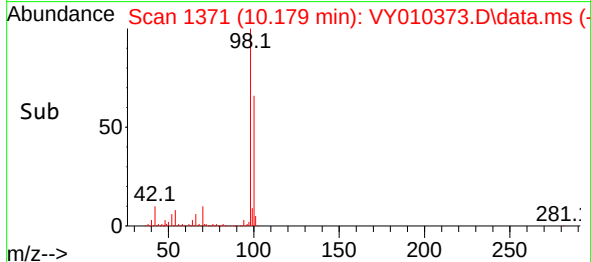
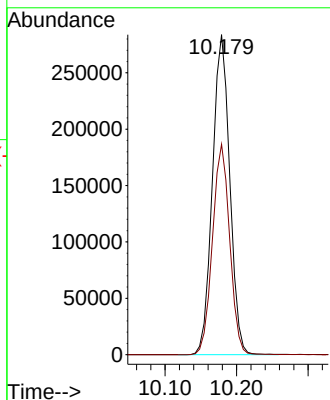
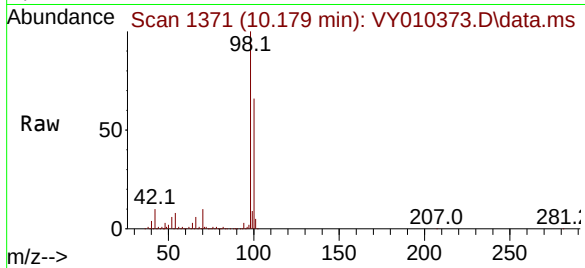




#50
Toluene-d8
Concen: 53.316 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010373.D
Acq: 07 Sep 2022 15:37

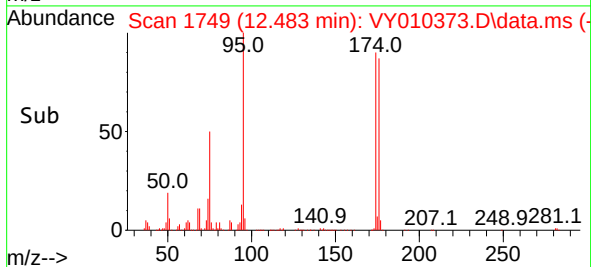
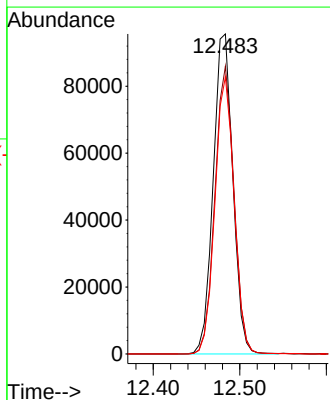
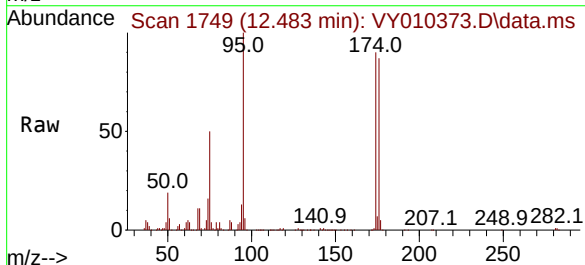
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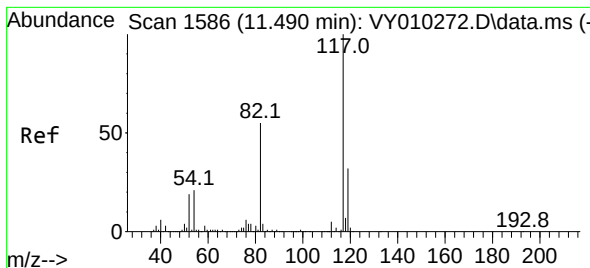
Tgt Ion: 98 Resp: 476787
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.923 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010373.D
Acq: 07 Sep 2022 15:37

Tgt Ion: 95 Resp: 150667
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 84.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010373.D

Acq: 07 Sep 2022 15:37

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BF-VOC-07

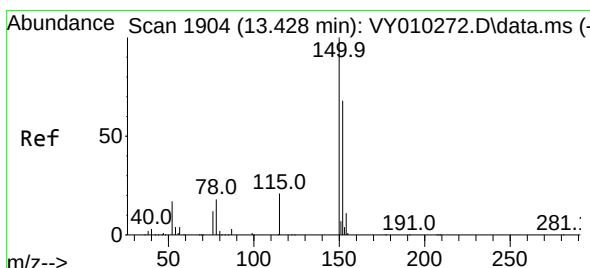
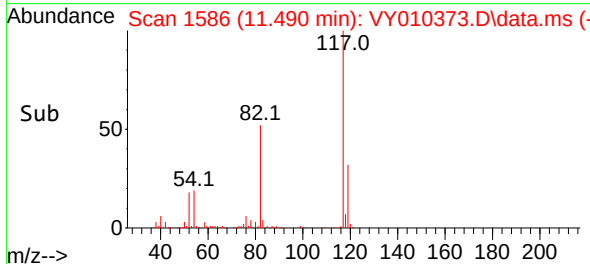
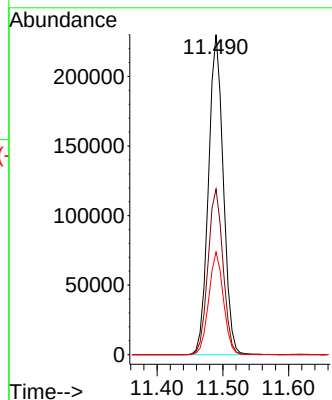
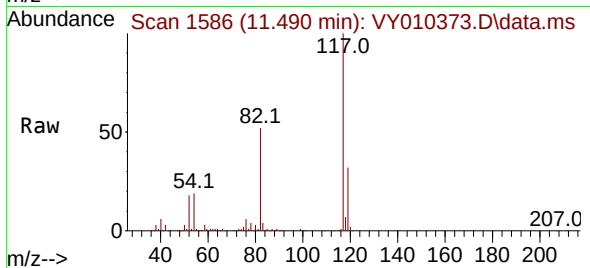
Tgt Ion:117 Resp: 361182

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

119 32.0 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: VY010373.D

Acq: 07 Sep 2022 15:37

Tgt Ion:152 Resp: 157989

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 157.5 0.0 347.6

