

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010022.D
 Acq On : 15 Aug 2022 00:54
 Operator : KP/MD
 Sample : N4046-13
 Misc : 7.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-07

Quant Time: Aug 15 06:24:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	73553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	141780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40432	54.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.380%
35) Dibromofluoromethane	7.710	113	40384	46.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.080%
50) Toluene-d8	10.179	98	145138	43.652	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.300%
62) 4-Bromofluorobenzene	12.477	95	49156	40.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.700%

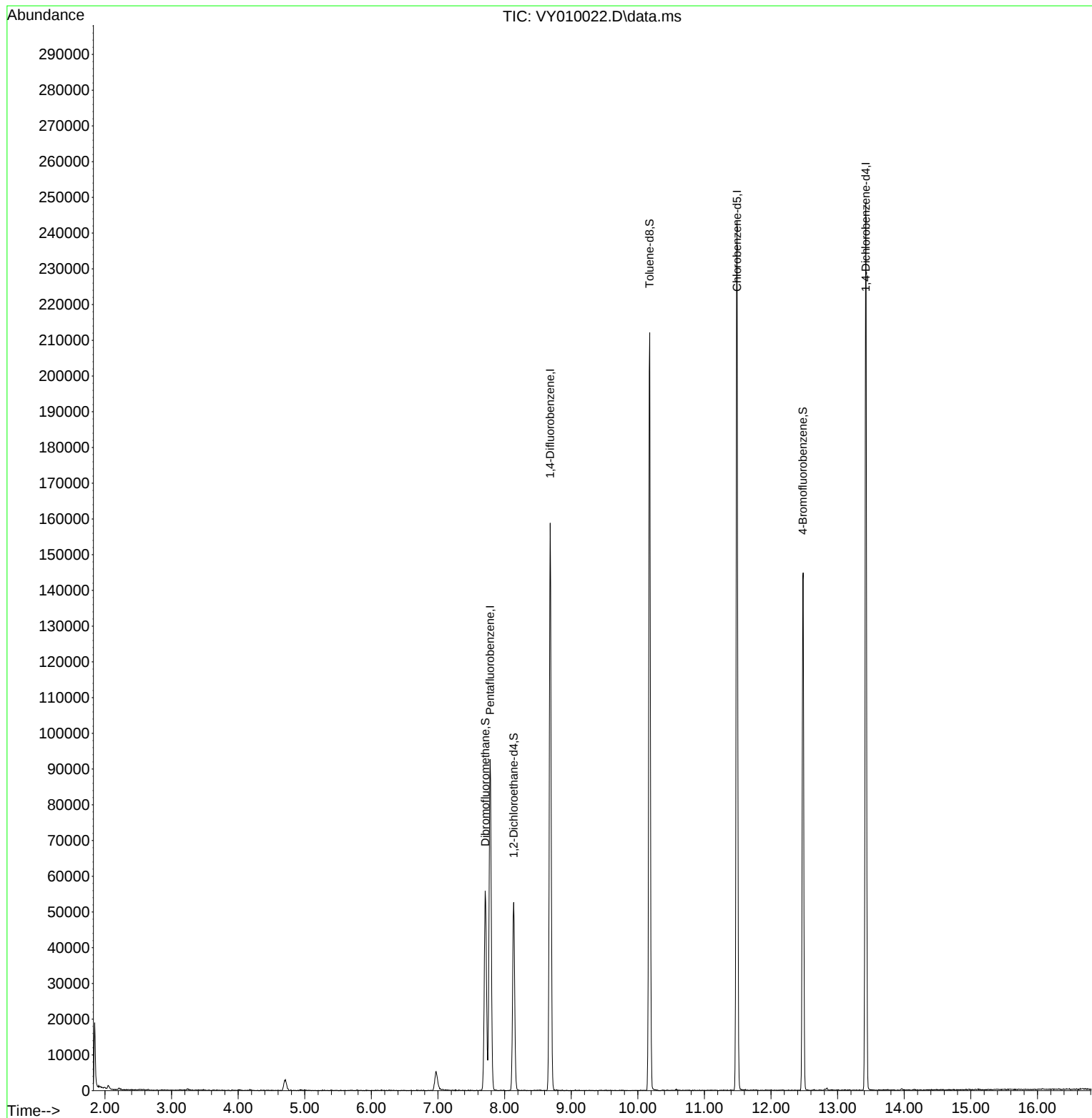
Target Compounds	Qvalue

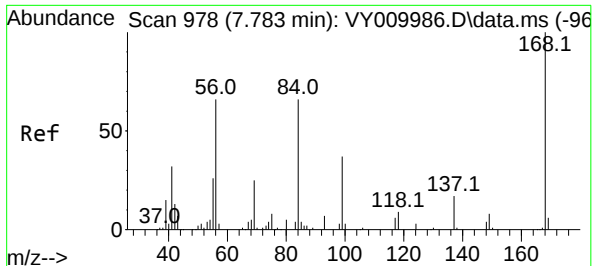
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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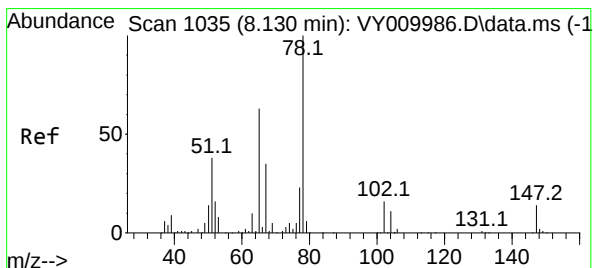
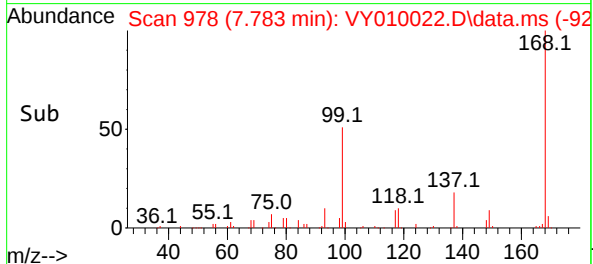
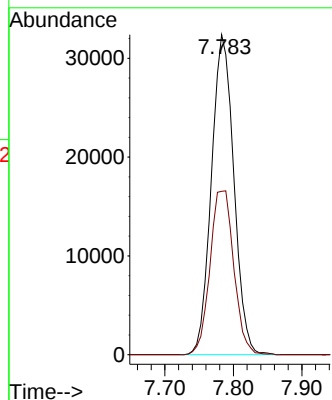
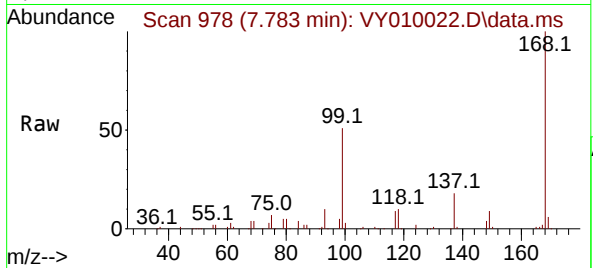




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

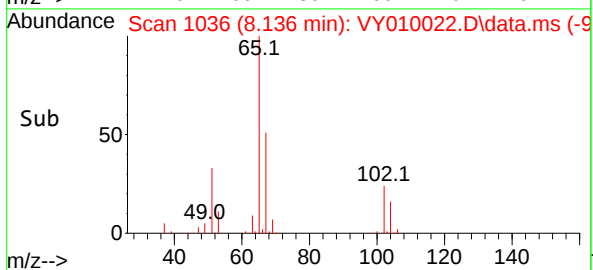
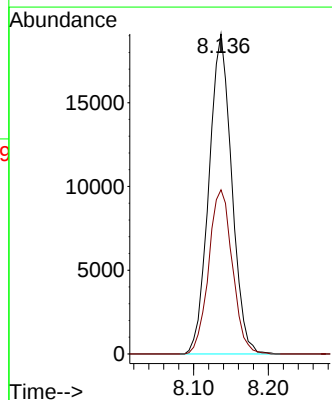
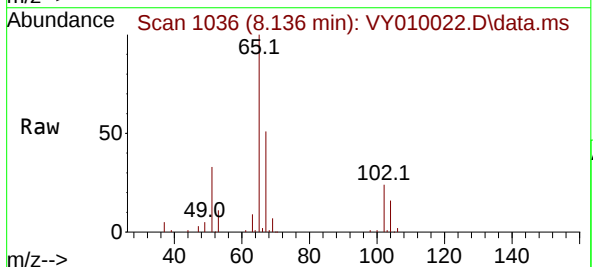
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-07

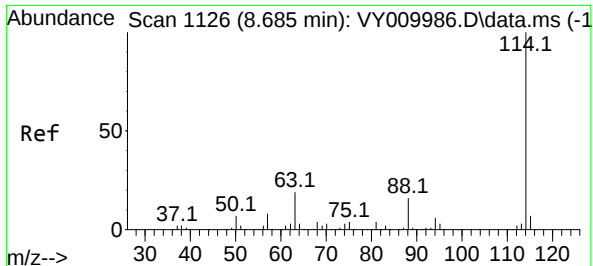
Tgt Ion:168 Resp: 73553
Ion Ratio Lower Upper
168 100
99 51.0 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 54.189 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

Tgt Ion: 65 Resp: 40432
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010022.D

Acq: 15 Aug 2022 00:54

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-07

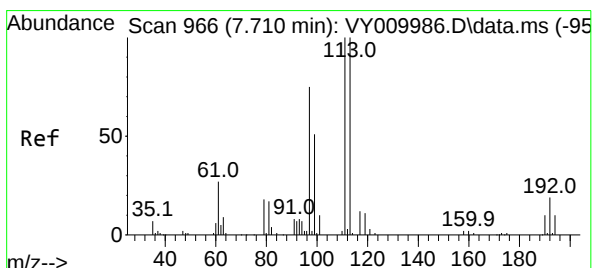
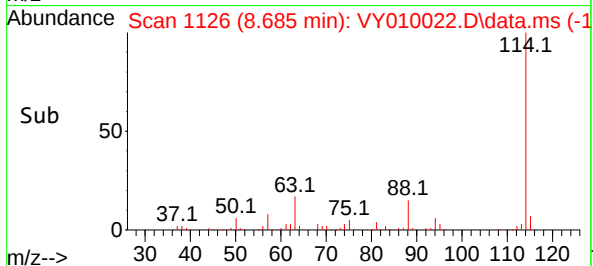
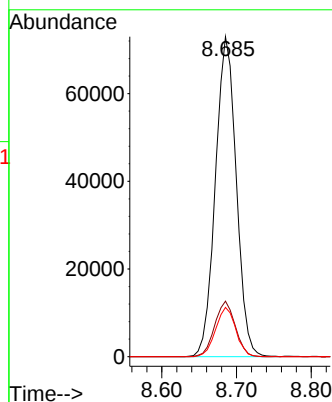
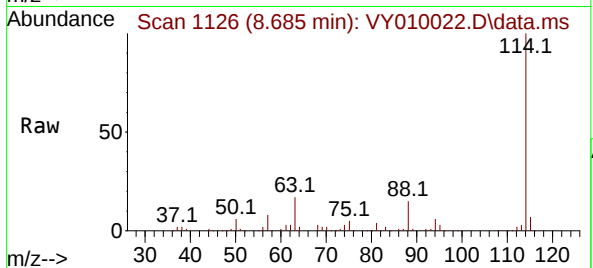
Tgt Ion:114 Resp: 141780

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.0

88 15.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 46.539 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY010022.D

Acq: 15 Aug 2022 00:54

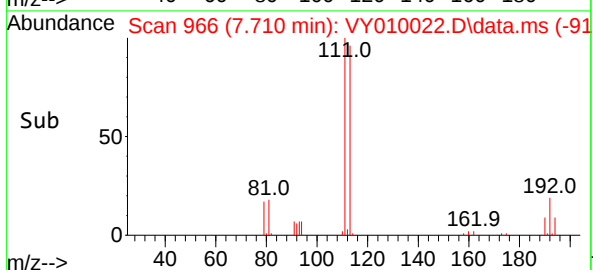
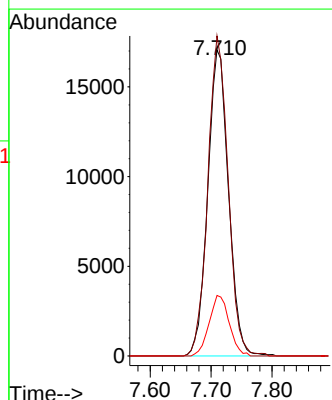
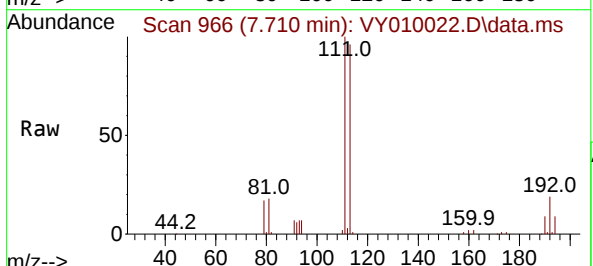
Tgt Ion:113 Resp: 40384

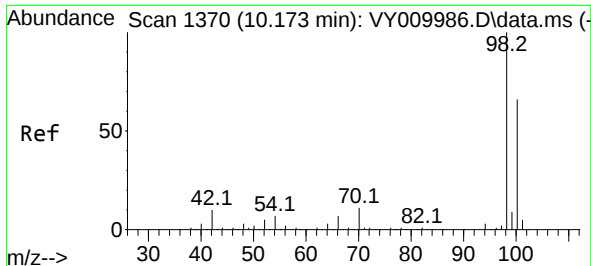
Ion Ratio Lower Upper

113 100

111 102.0 80.6 120.8

192 19.1 16.2 24.4





#50

Toluene-d8

Concen: 43.652 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010022.D

Acq: 15 Aug 2022 00:54

Instrument :

MSVOA_Y

ClientSampleId :

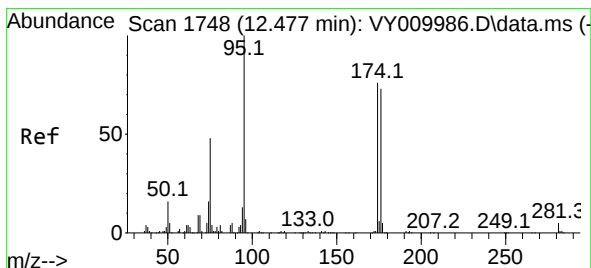
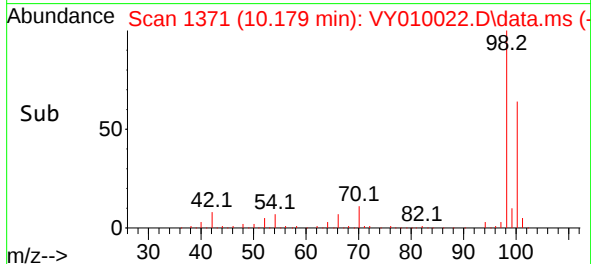
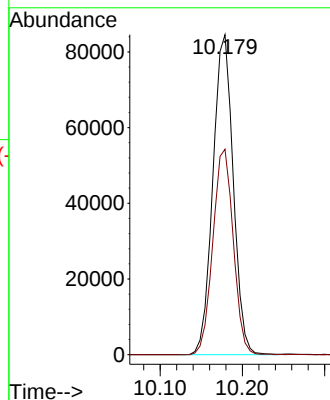
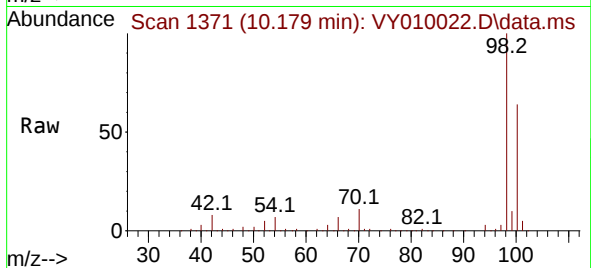
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Tgt Ion: 98 Resp: 145138

Ion Ratio Lower Upper

98 100

100 64.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 40.351 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010022.D

Acq: 15 Aug 2022 00:54

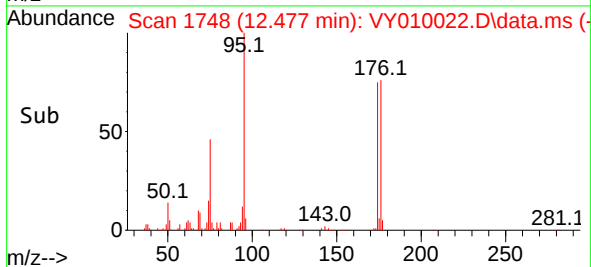
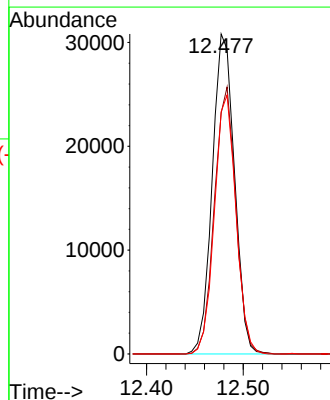
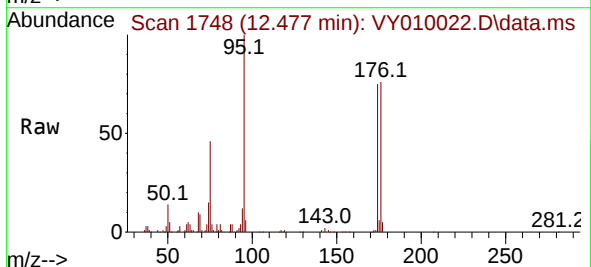
Tgt Ion: 95 Resp: 49156

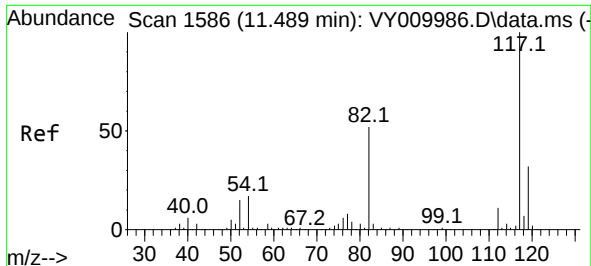
Ion Ratio Lower Upper

95 100

174 80.5 0.0 173.8

176 78.1 0.0 167.0

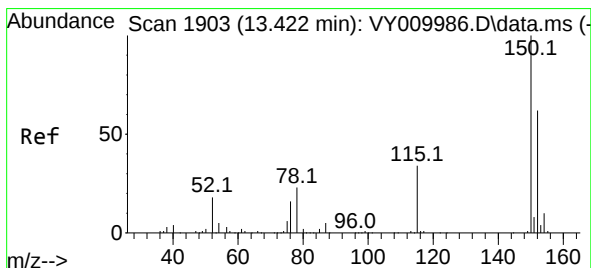
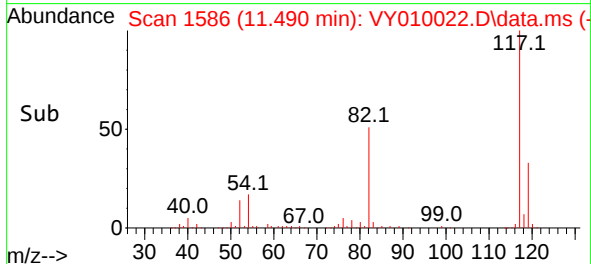
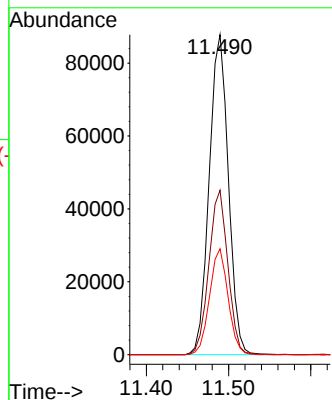
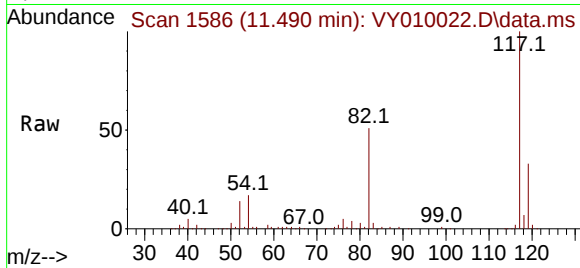




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-07

Tgt Ion:117 Resp: 142196
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.6
119 33.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010022.D
Acq: 15 Aug 2022 00:54

Tgt Ion:152 Resp: 65190
Ion Ratio Lower Upper
152 100
115 58.0 28.6 85.9
150 157.8 0.0 349.8

