

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010026.D
 Acq On : 15 Aug 2022 02:28
 Operator : KP/MD
 Sample : N4046-21
 Misc : 7.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BACKFILL-11

Quant Time: Aug 15 06:24:43 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	7.789	168	28496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	53292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	55297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16031	55.458	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.920%
35) Dibromofluoromethane	7.716	113	16687	51.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.320%
50) Toluene-d8	10.179	98	55921	44.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.500%
62) 4-Bromofluorobenzene	12.477	95	18783	41.020	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.040%

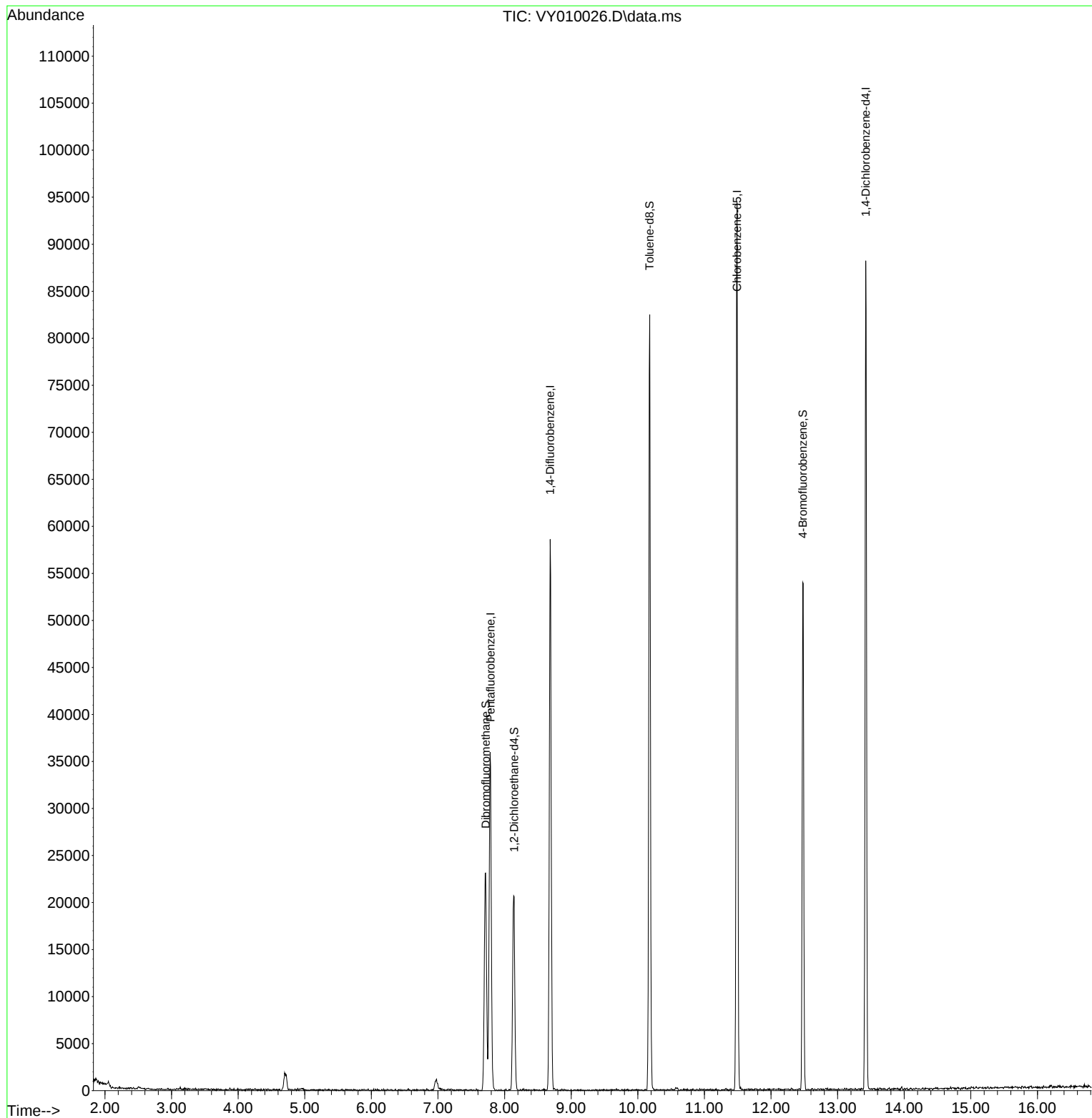
Target Compounds	Qvalue

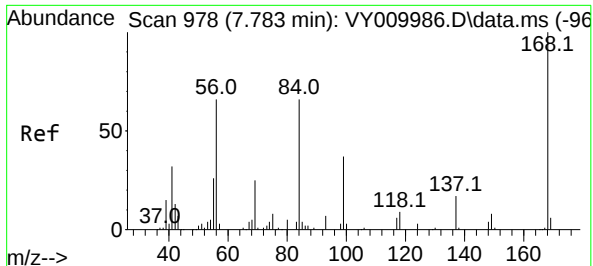
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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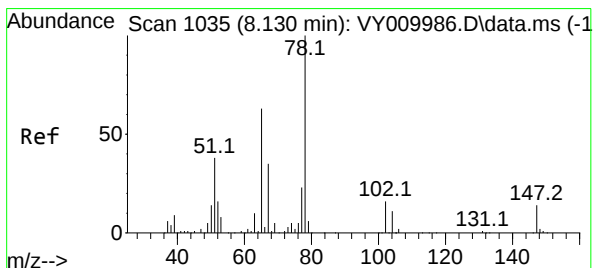
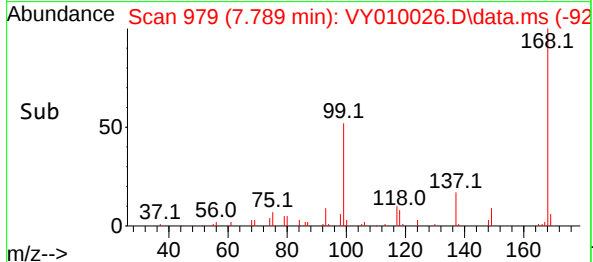
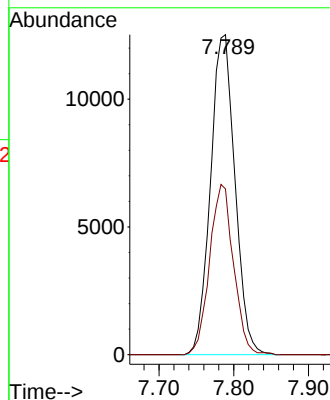
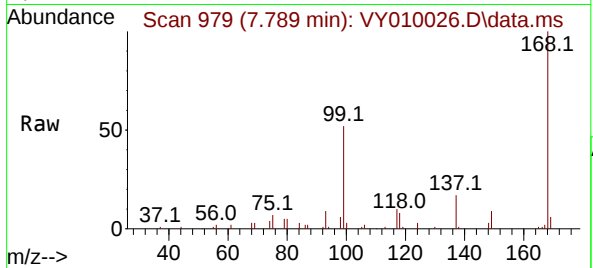




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

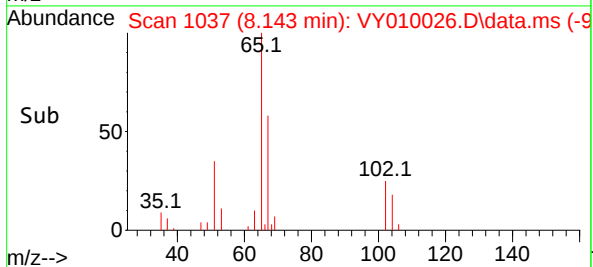
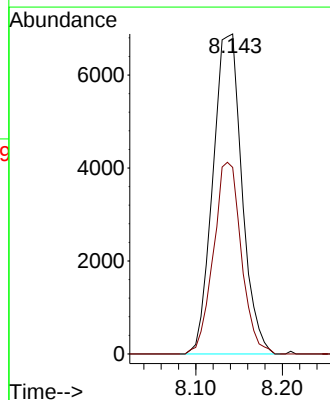
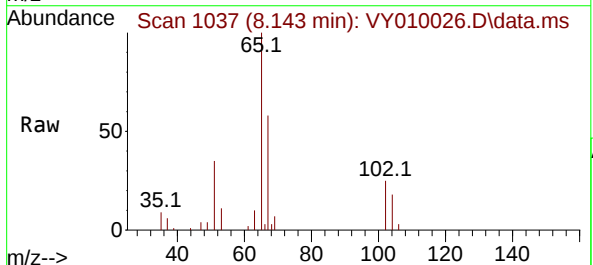
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-11

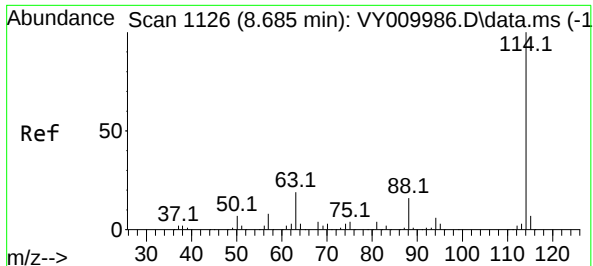
Tgt Ion:168 Resp: 28496
Ion Ratio Lower Upper
168 100
99 51.8 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 55.458 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.012 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

Tgt Ion: 65 Resp: 16031
Ion Ratio Lower Upper
65 100
67 57.5 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: VY010026.D

Acq: 15 Aug 2022 02:28

Instrument :

MSVOA_Y

ClientSampleId :

BEACONPOINT-BACKFILL-11

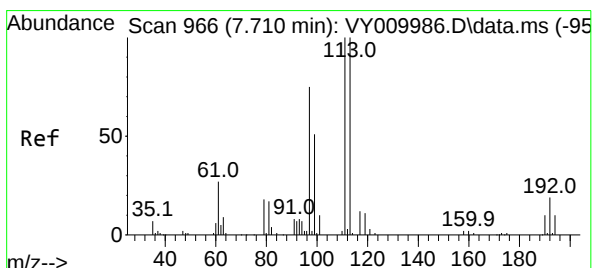
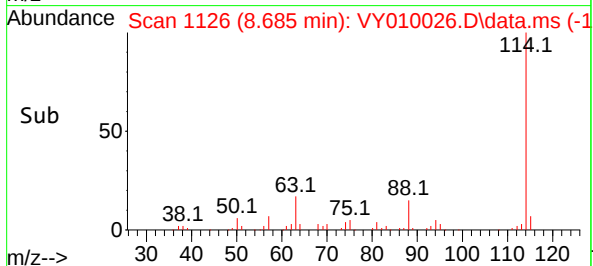
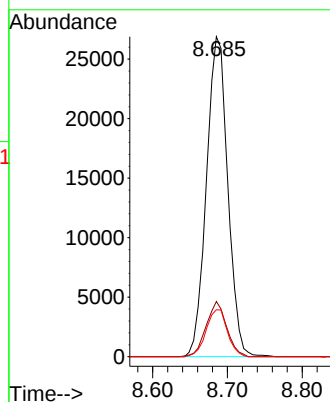
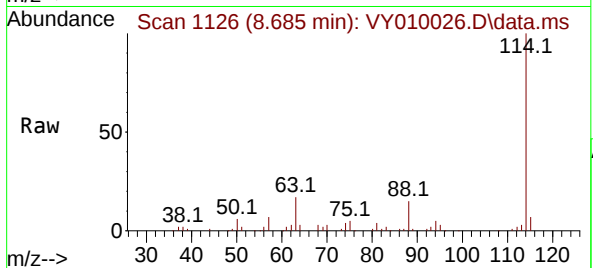
Tgt Ion:114 Resp: 53292

Ion Ratio Lower Upper

114 100

63 17.3 0.0 38.0

88 14.6 0.0 30.0



#35

Dibromofluoromethane

Concen: 51.161 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010026.D

Acq: 15 Aug 2022 02:28

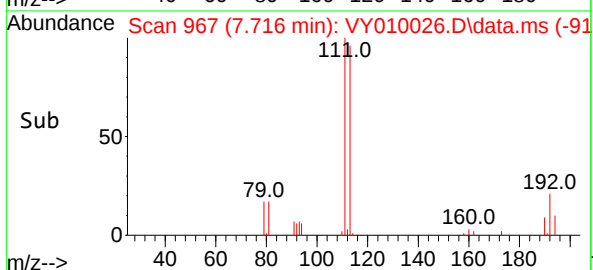
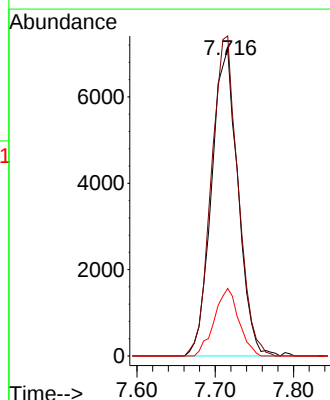
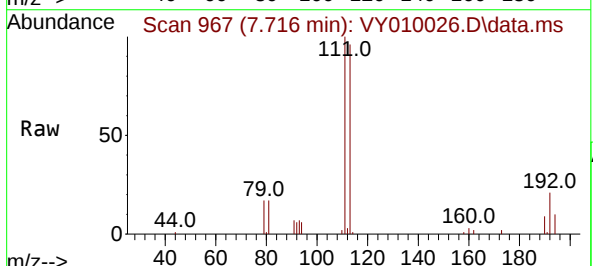
Tgt Ion:113 Resp: 16687

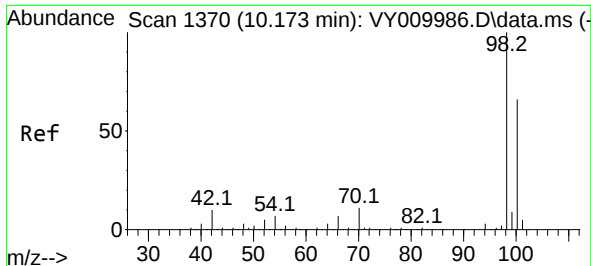
Ion Ratio Lower Upper

113 100

111 104.9 80.6 120.8

192 20.4 16.2 24.4

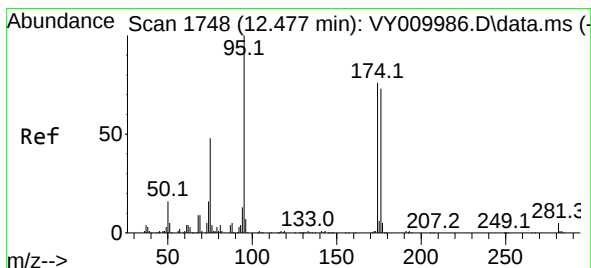
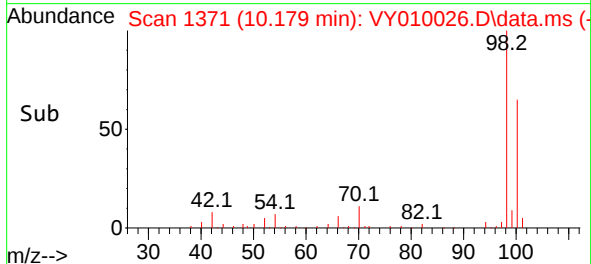
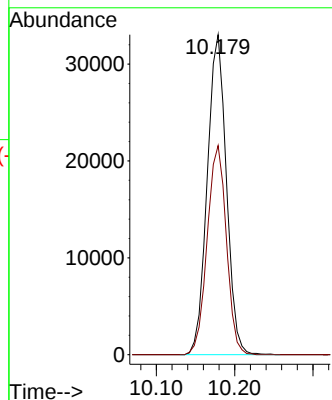
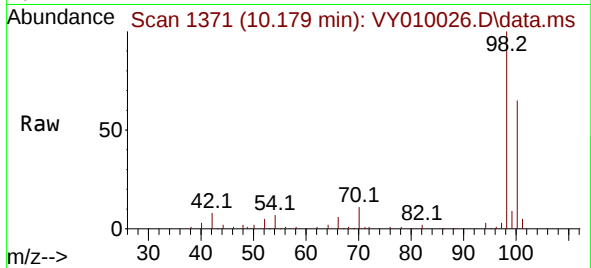




#50
Toluene-d8
Concen: 44.745 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

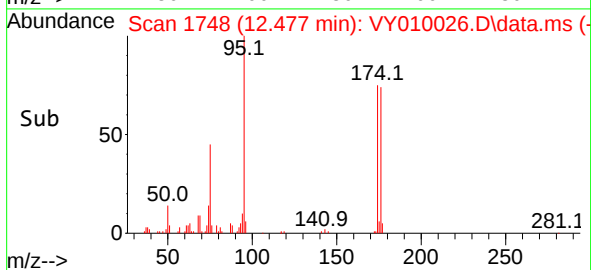
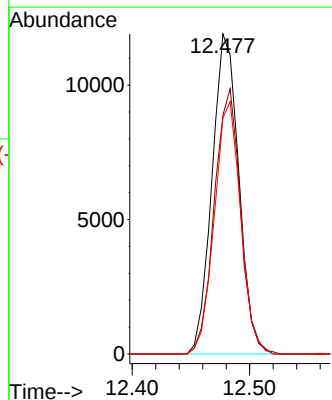
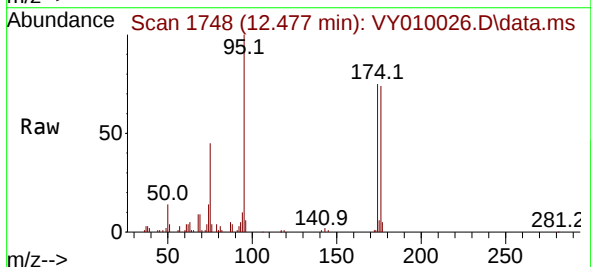
Instrument :
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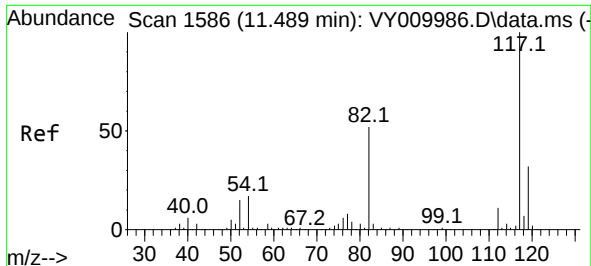
Tgt Ion: 98 Resp: 55921
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 41.020 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

Tgt Ion: 95 Resp: 18783
Ion Ratio Lower Upper
95 100
174 81.1 0.0 173.8
176 77.7 0.0 167.0

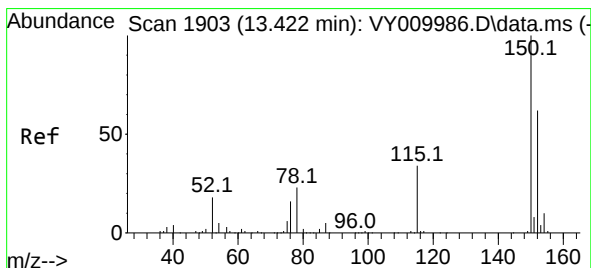
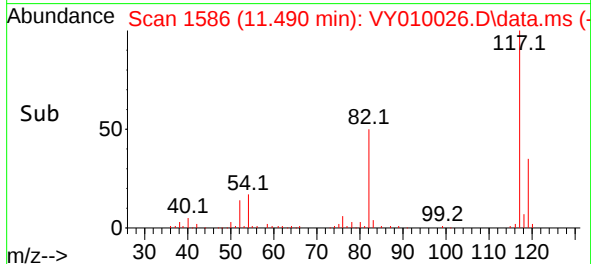
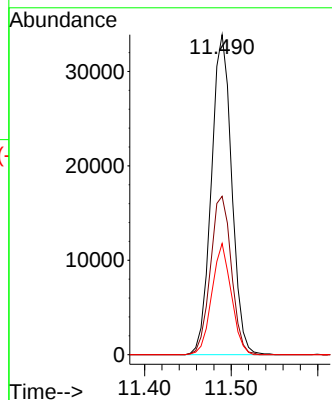
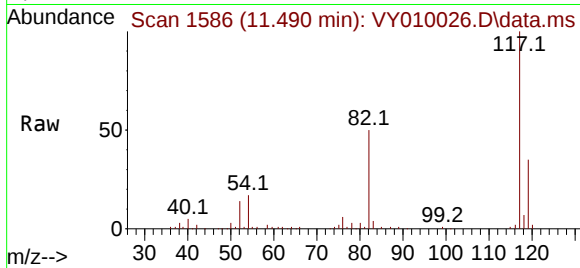




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010026.D
Acq: 15 Aug 2022 02:28

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BACKFILL-11

Tgt Ion:117 Resp: 55297
Ion Ratio Lower Upper
117 100
82 49.5 41.8 62.6
119 34.7 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: VY010026.D
Acq: 15 Aug 2022 02:28

Tgt Ion:152 Resp: 24427
Ion Ratio Lower Upper
152 100
115 58.8 28.6 85.9
150 156.1 0.0 349.8

