

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010376.D
 Acq On : 07 Sep 2022 16:47
 Operator : KP/MD
 Sample : N4474-10
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-10

Quant Time: Sep 08 04:13:04 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	228681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	380756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	362154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	124407	53.055	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.120%
35) Dibromofluoromethane	7.716	113	115747	45.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.320%
50) Toluene-d8	10.179	98	452201	53.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.580%
62) 4-Bromofluorobenzene	12.483	95	155491	45.137	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.280%

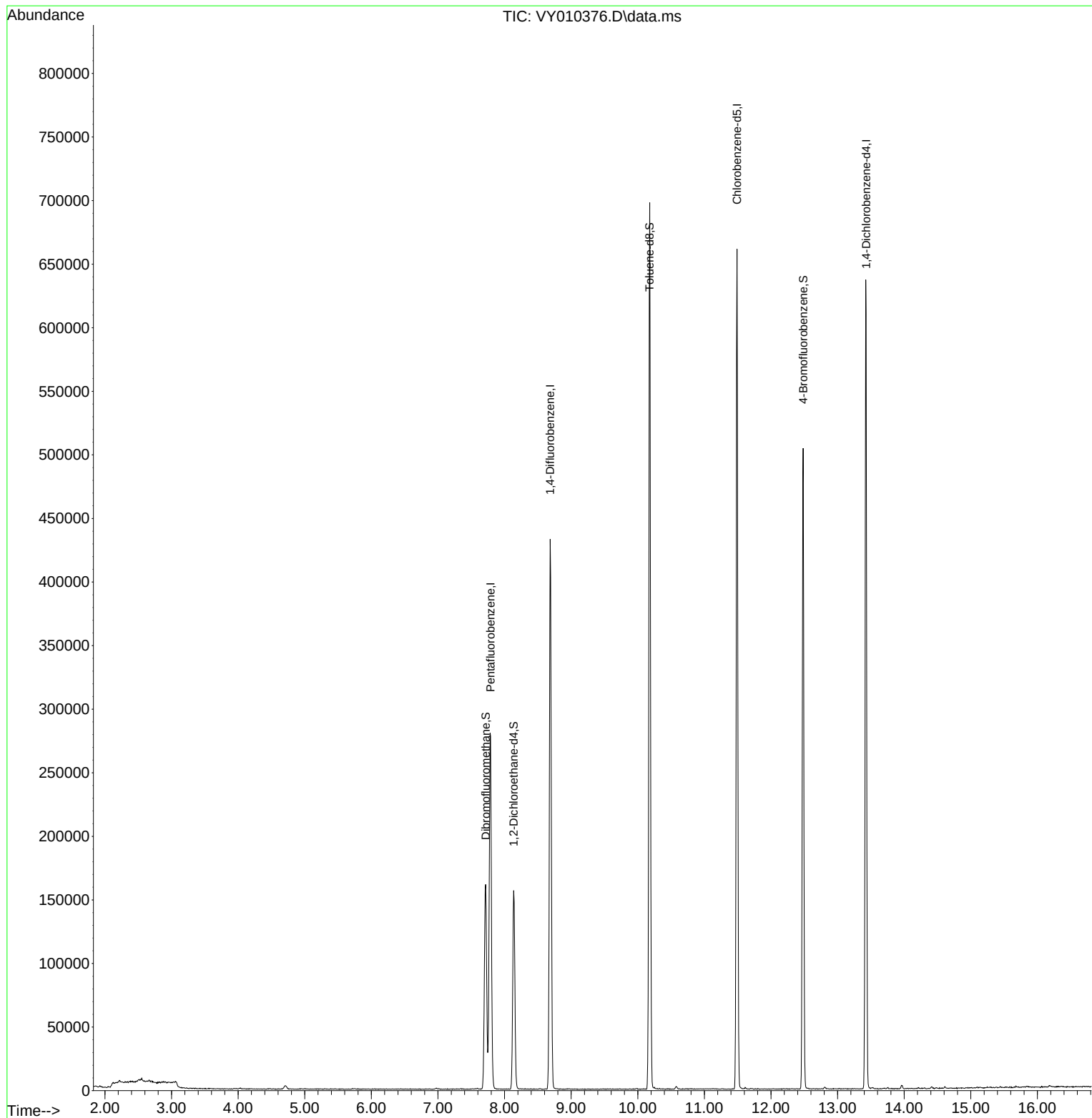
Target Compounds	Qvalue

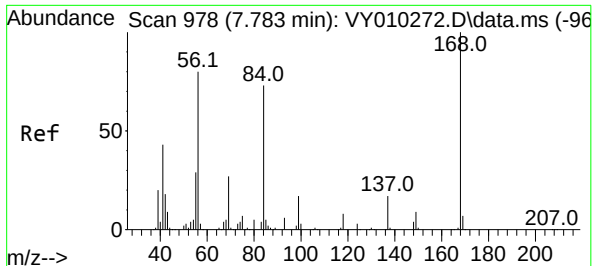
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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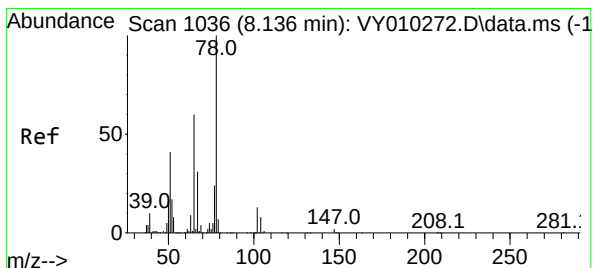
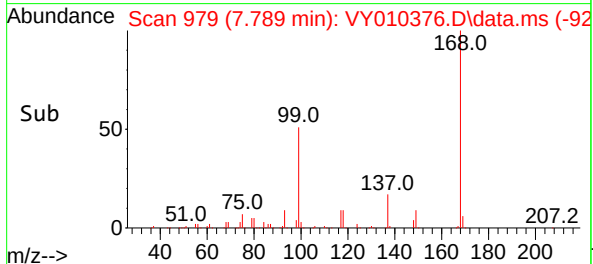
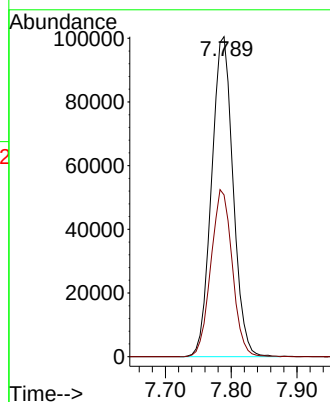
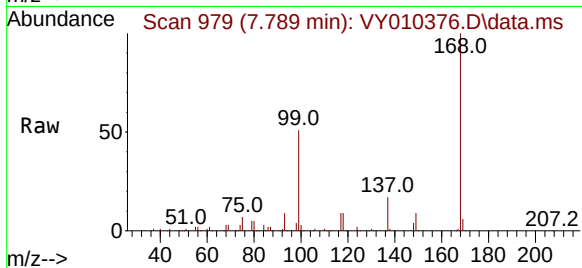




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

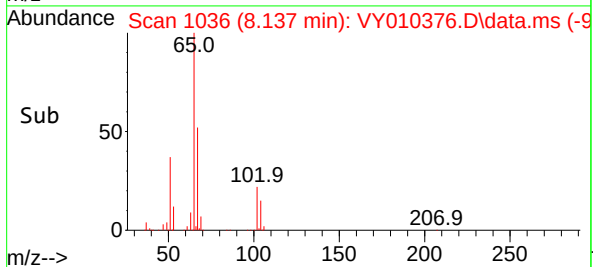
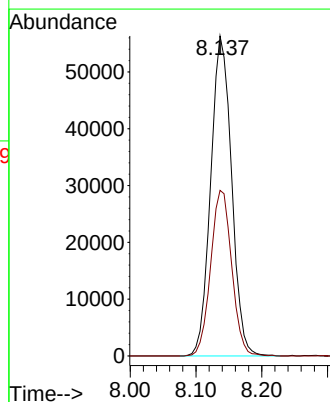
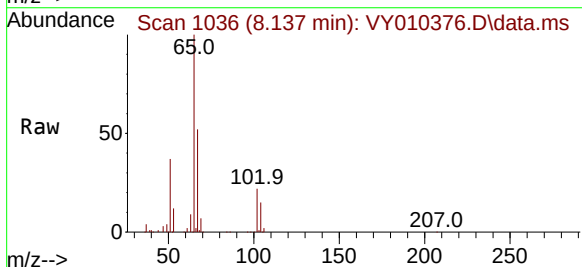
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-10

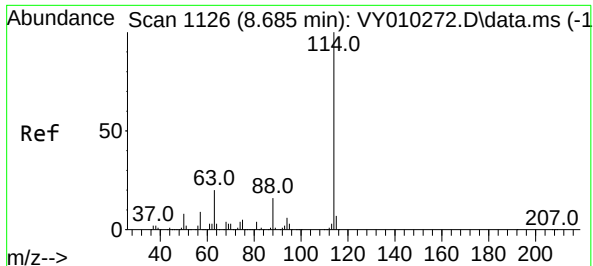
Tgt Ion:168 Resp: 228681
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.055 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

Tgt Ion: 65 Resp: 124407
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4

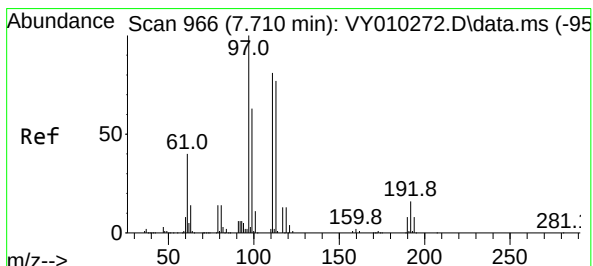
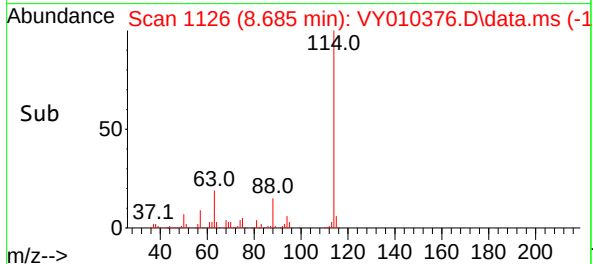
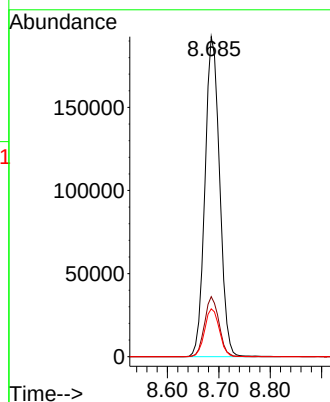
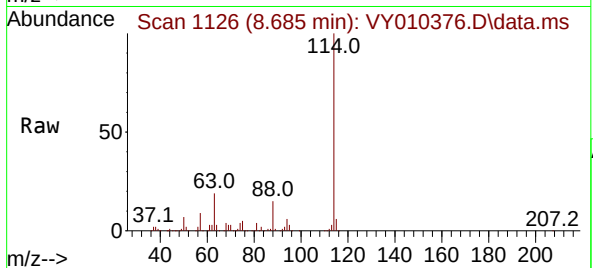




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

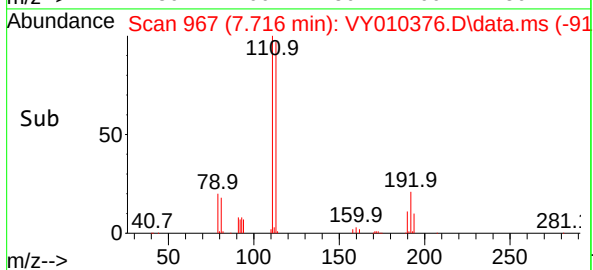
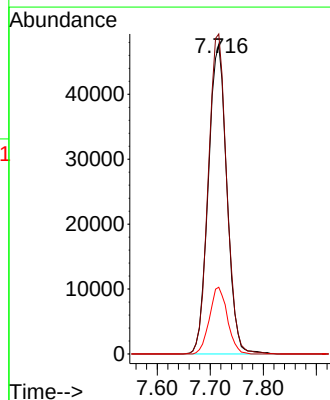
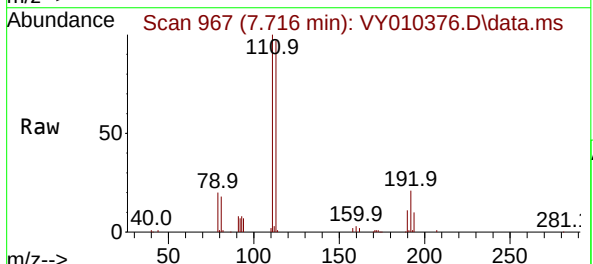
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-10

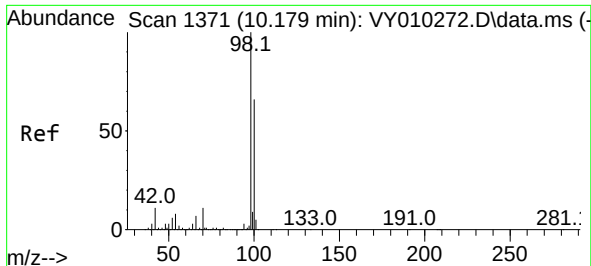
Tgt Ion:114 Resp: 380756
Ion Ratio Lower Upper
114 100
63 18.8 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.664 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

Tgt Ion:113 Resp: 115747
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.8 17.6 26.4

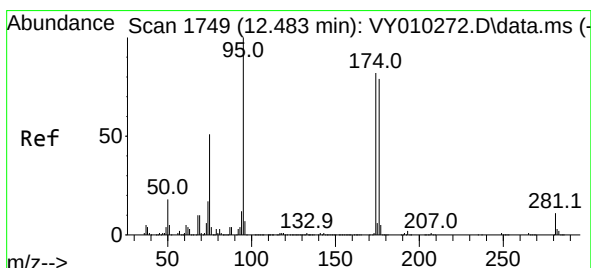
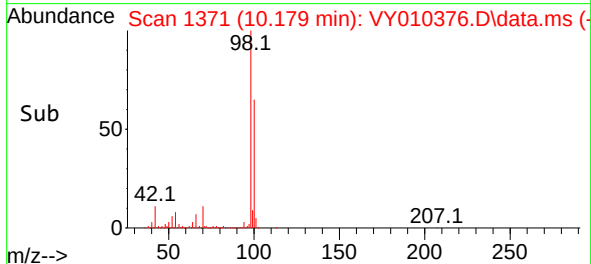
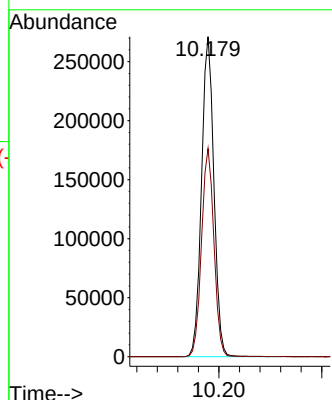
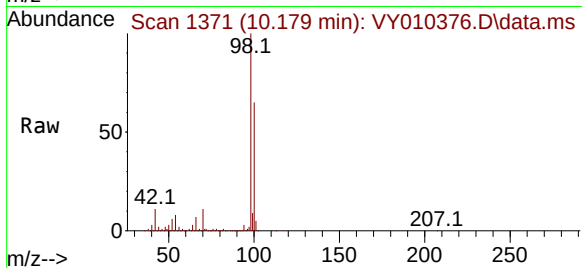




#50
Toluene-d8
Concen: 53.285 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

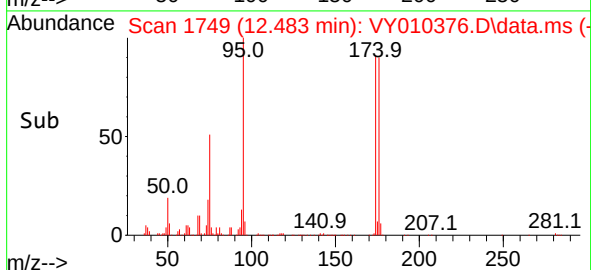
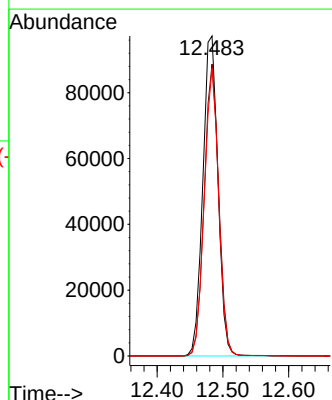
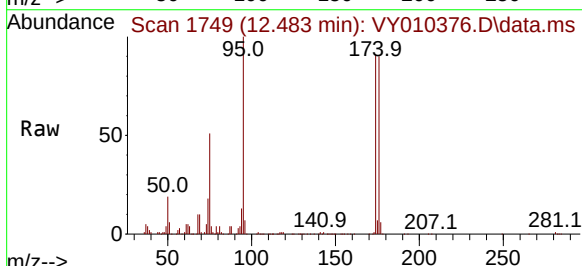
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-10

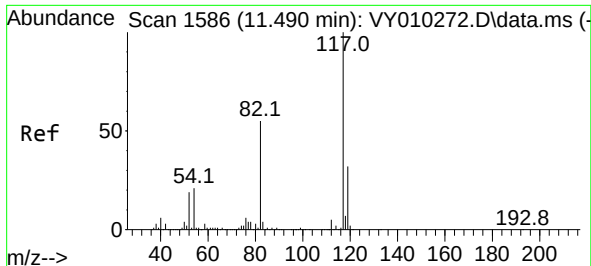
Tgt Ion: 98 Resp: 452201
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.137 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

Tgt Ion: 95 Resp: 155491
Ion Ratio Lower Upper
95 100
174 88.1 0.0 177.0
176 85.5 0.0 175.8

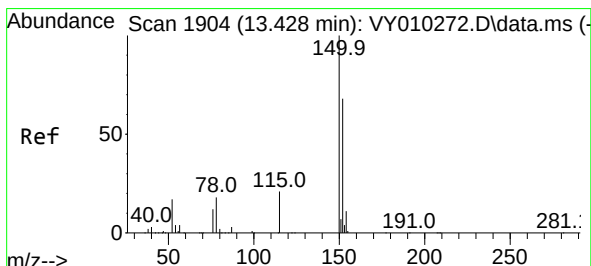
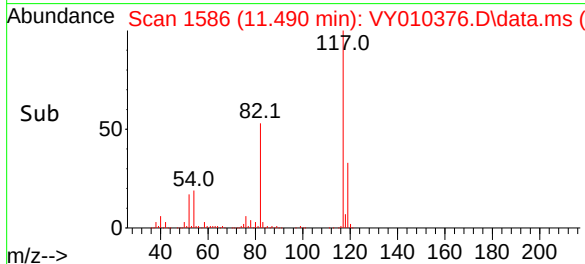
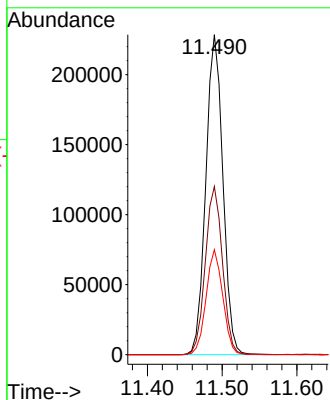
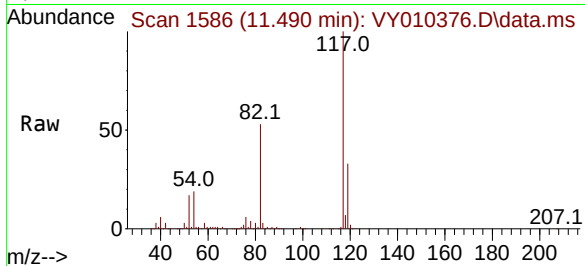




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010376.D
Acq: 07 Sep 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-10

Tgt Ion:117 Resp: 362154
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.8 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: VY010376.D
Acq: 07 Sep 2022 16:47

Tgt Ion:152 Resp: 169080
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 156.3 0.0 347.6

