

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010616.D
 Acq On : 22 Sep 2022 12:45
 Operator : KP/MD
 Sample : N4713-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-091922RE

Quant Time: Sep 22 17:18:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	6451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	11653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	13096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5036	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4701	76.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.380%
35) Dibromofluoromethane	7.710	113	1997	26.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.700%#
50) Toluene-d8	10.179	98	11713	43.077	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.160%
62) 4-Bromofluorobenzene	12.477	95	4200	40.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.340%

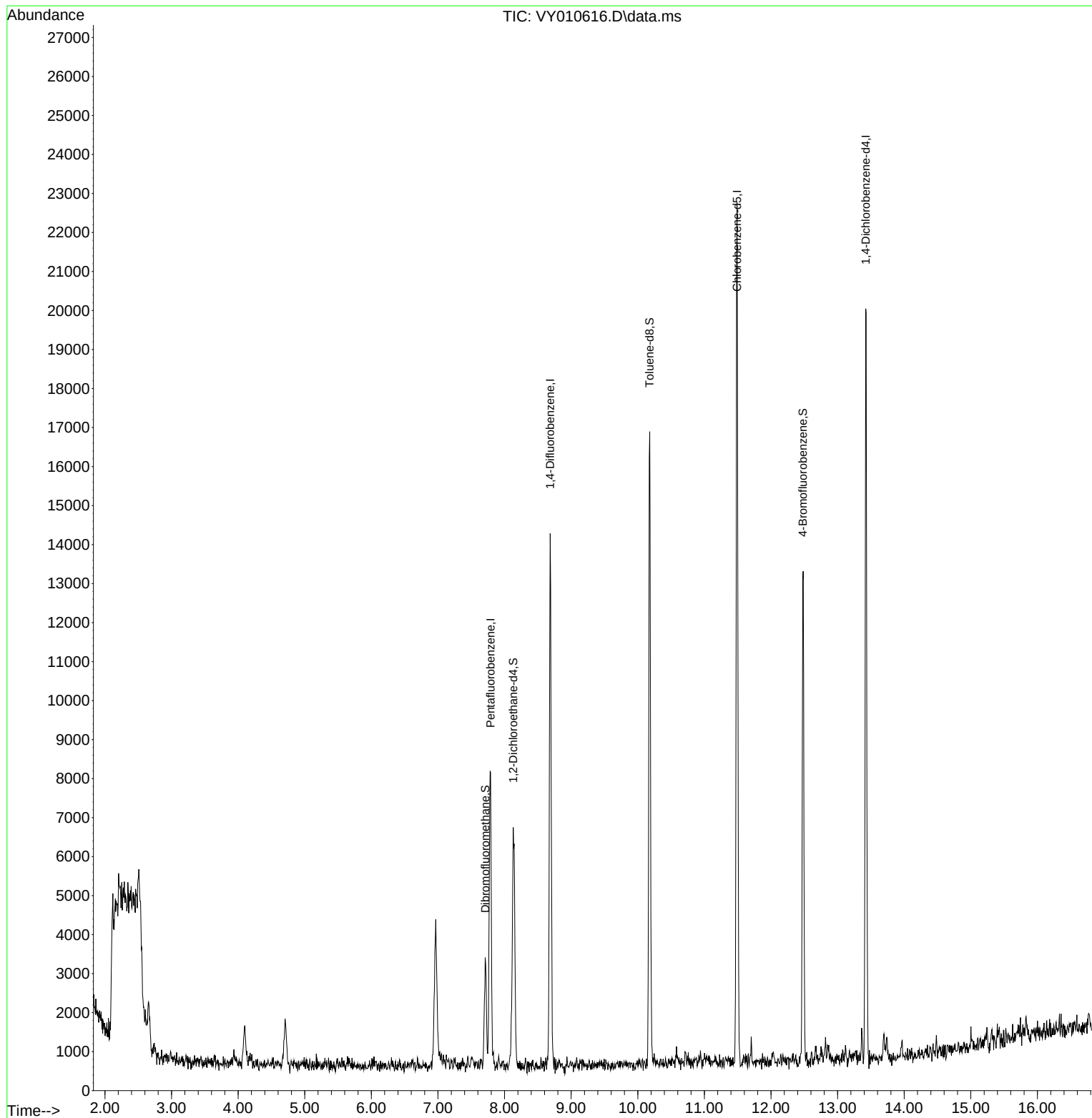
Target Compounds	Qvalue

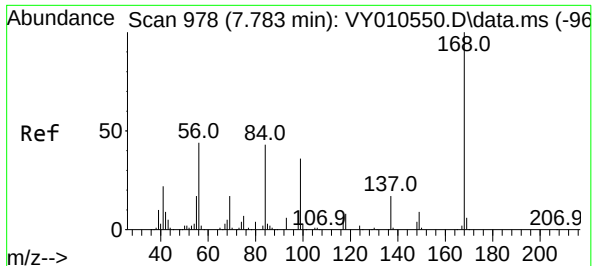
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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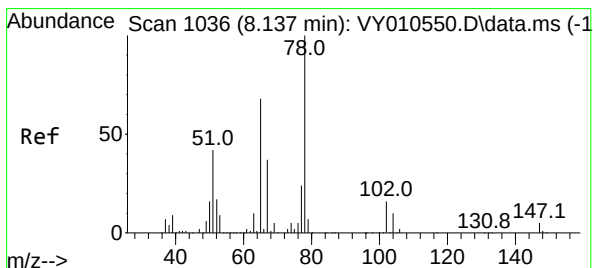
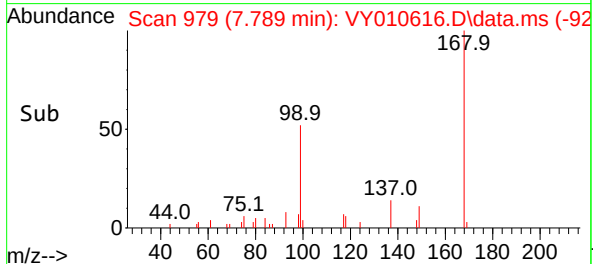
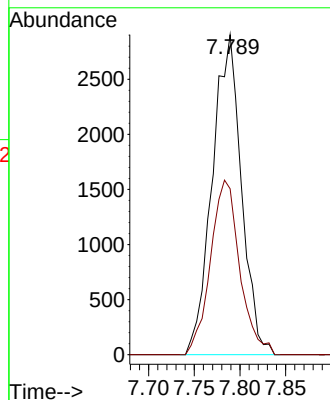
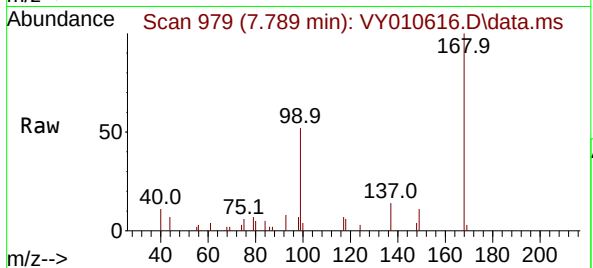




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010616.D
Acq: 22 Sep 2022 12:45

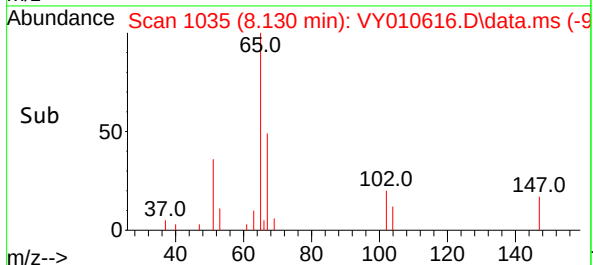
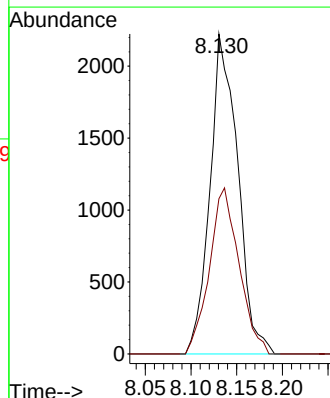
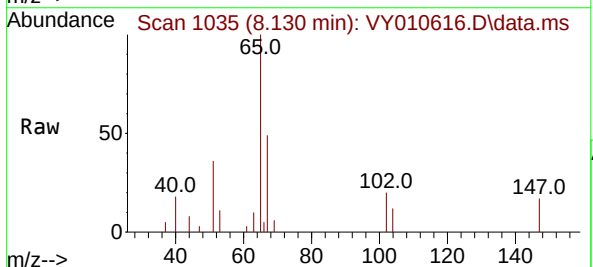
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-091922RE

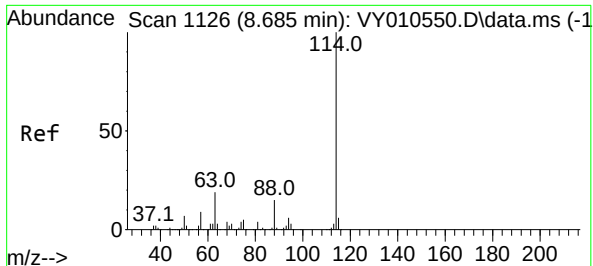
Tgt Ion:168 Resp: 6451
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 76.188 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY010616.D
Acq: 22 Sep 2022 12:45

Tgt Ion: 65 Resp: 4701
Ion Ratio Lower Upper
65 100
67 55.3 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: VY010616.D

Acq: 22 Sep 2022 12:45

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-091922RE

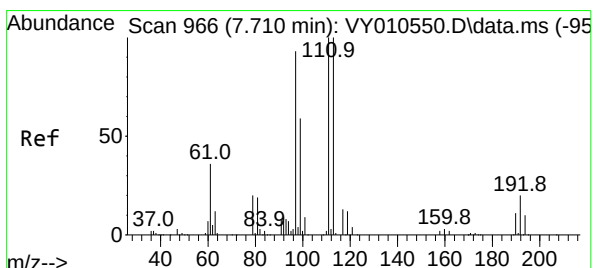
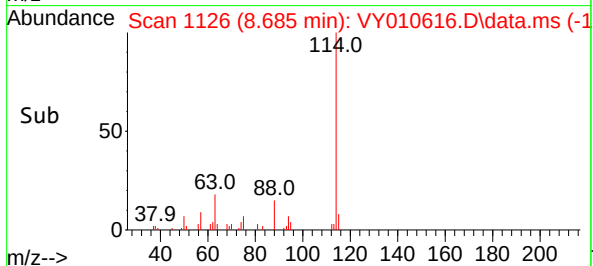
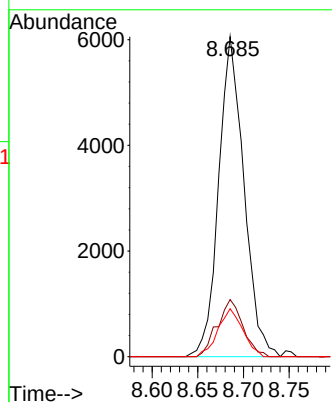
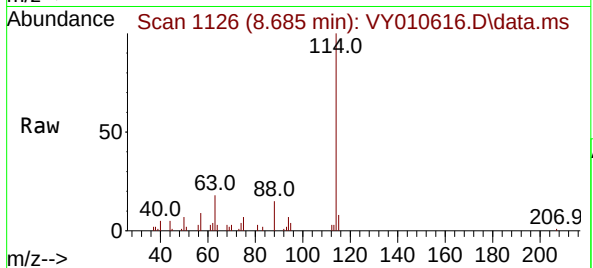
Tgt Ion:114 Resp: 11653

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 26.852 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010616.D

Acq: 22 Sep 2022 12:45

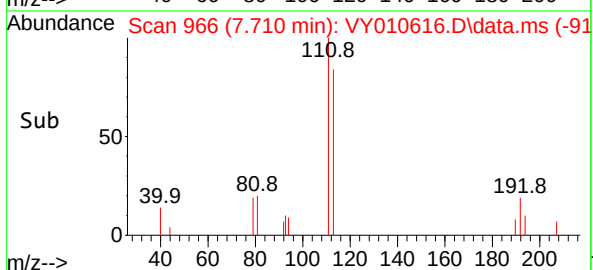
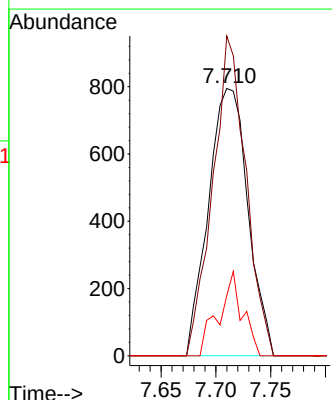
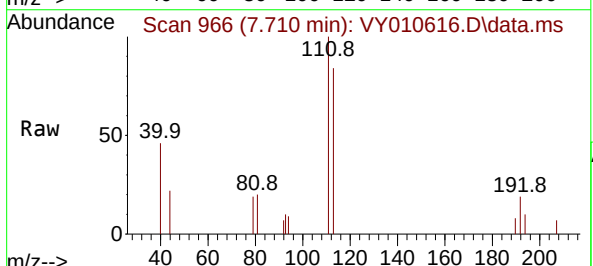
Tgt Ion:113 Resp: 1997

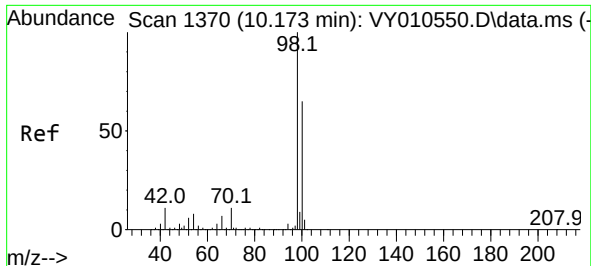
Ion Ratio Lower Upper

113 100

111 100.2 82.6 124.0

192 19.0 17.6 26.4

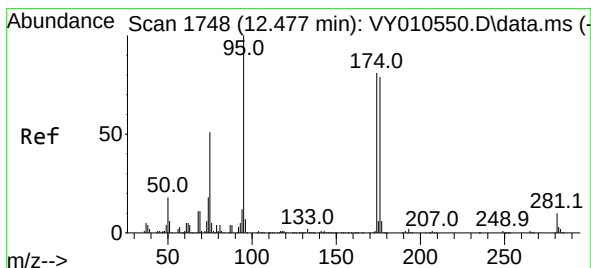
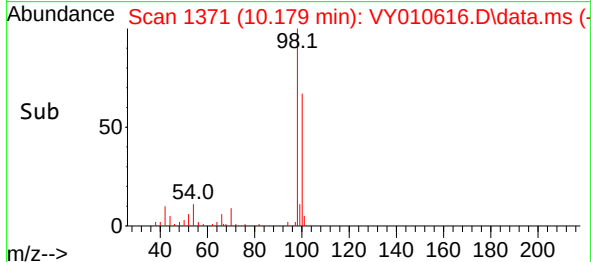
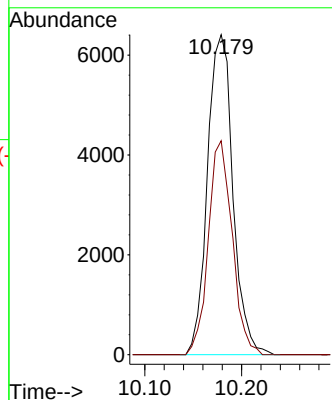
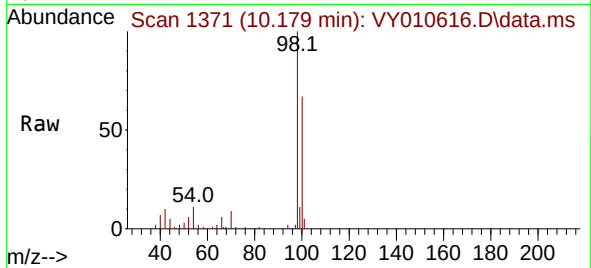




#50
Toluene-d8
Concen: 43.077 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010616.D
Acq: 22 Sep 2022 12:45

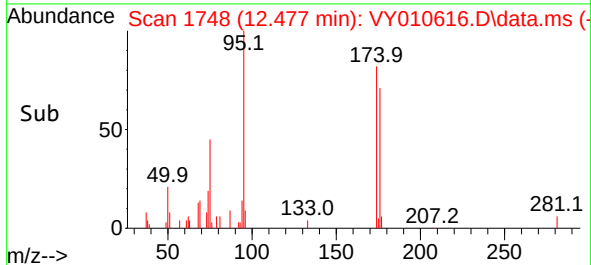
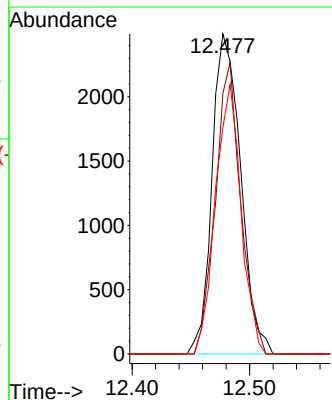
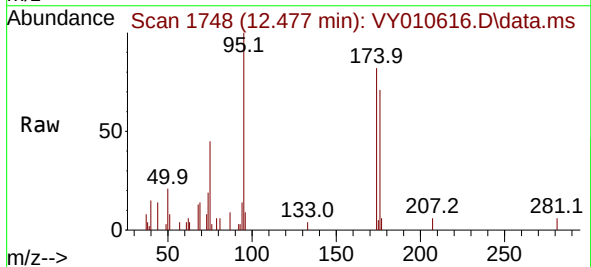
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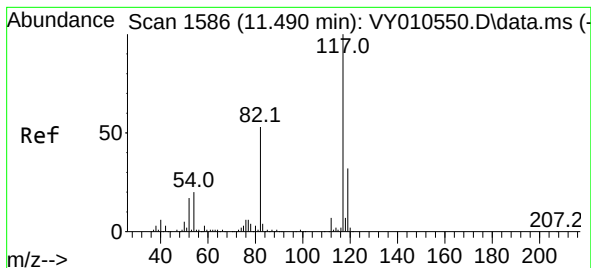
Tgt Ion: 98 Resp: 11713
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.670 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010616.D
Acq: 22 Sep 2022 12:45

Tgt Ion: 95 Resp: 4200
Ion Ratio Lower Upper
95 100
174 81.0 0.0 177.0
176 75.6 0.0 175.8

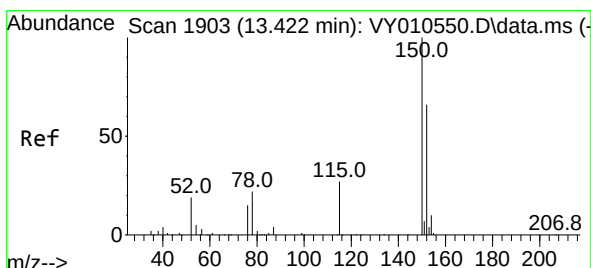
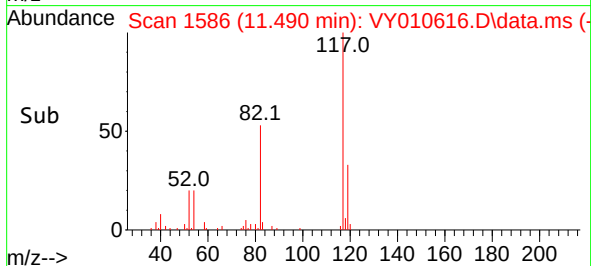
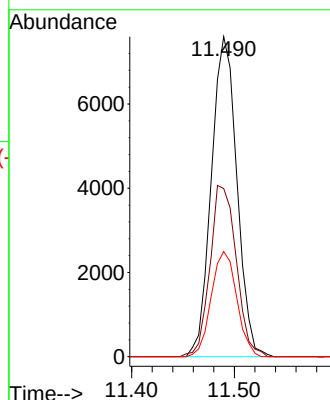
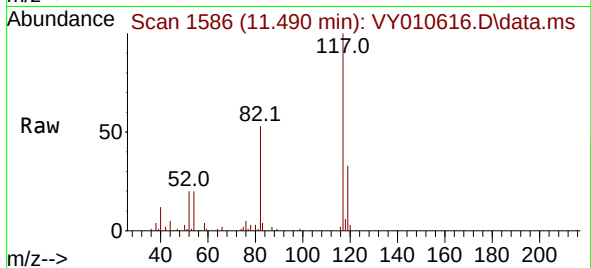




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010616.D
Acq: 22 Sep 2022 12:45

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-091922RE

Tgt Ion:	117	Resp:	13096
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.0	64.4
119	32.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010616.D
Acq: 22 Sep 2022 12:45

Tgt Ion:	152	Resp:	5036
Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.2	84.7
150	164.3	0.0	347.6

