

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011571.D
 Acq On : 23 Nov 2022 13:37
 Operator : KP/MD
 Sample : N5745-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-04-112122

Quant Time: Nov 24 00:37:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	16517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11396	67.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.900%
35) Dibromofluoromethane	7.716	113	9684	57.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.240%
50) Toluene-d8	10.179	98	31892	51.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.483	95	8724	38.300	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.600%

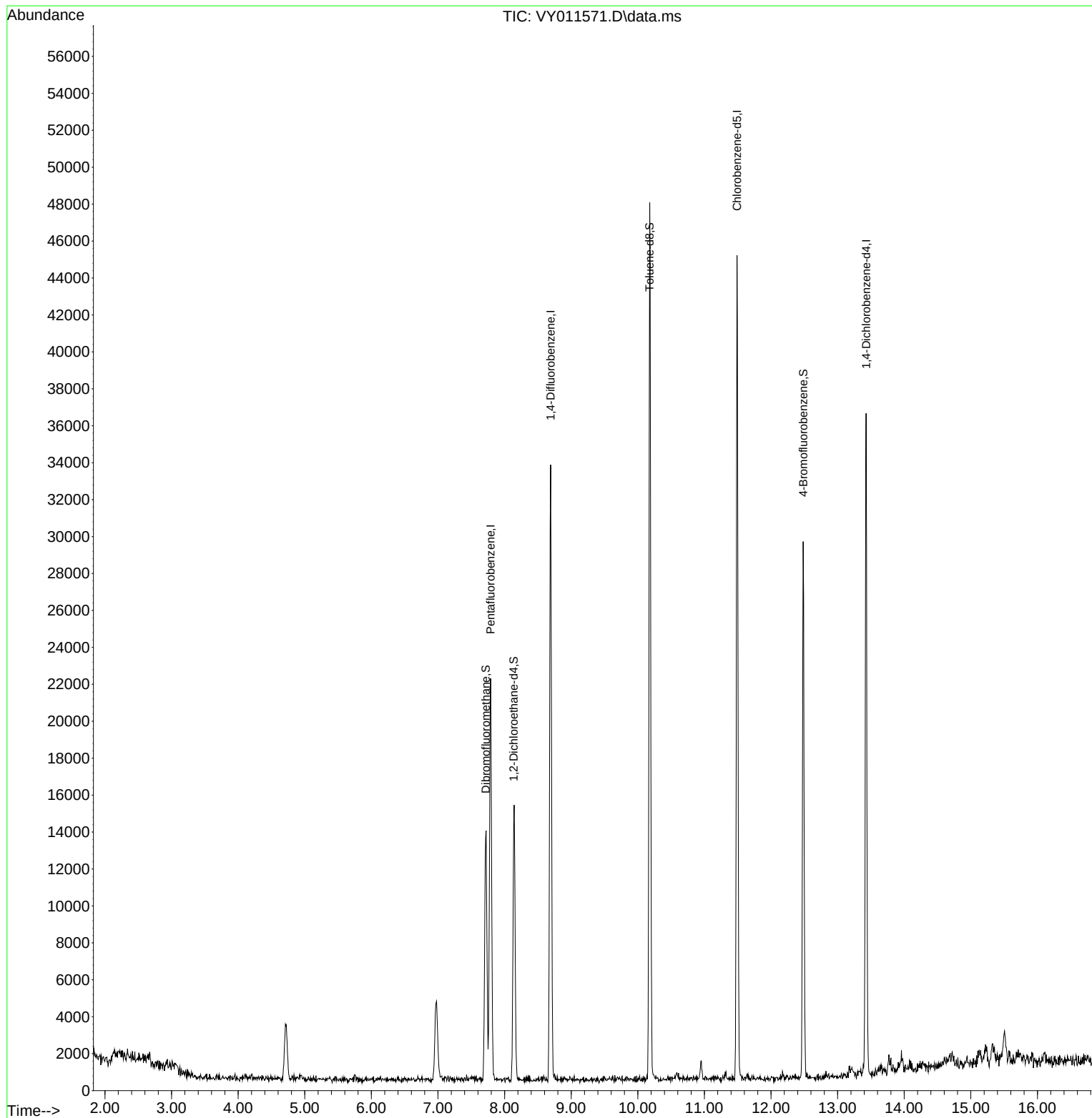
Target Compounds	Qvalue

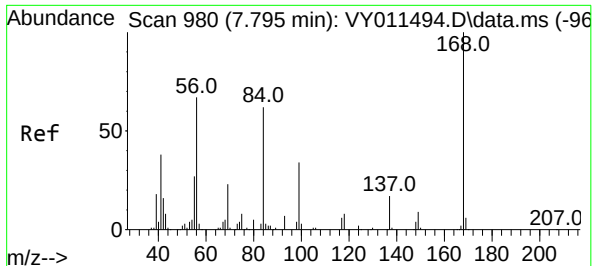
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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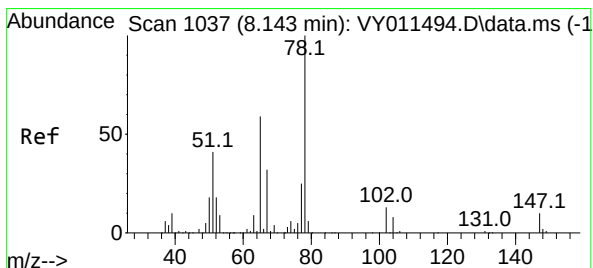
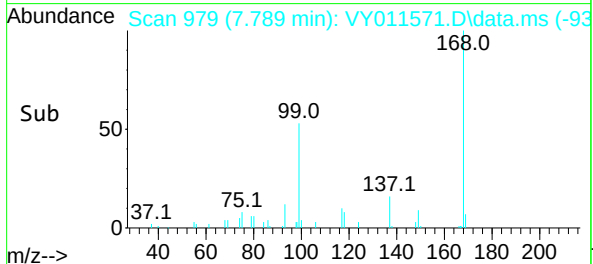
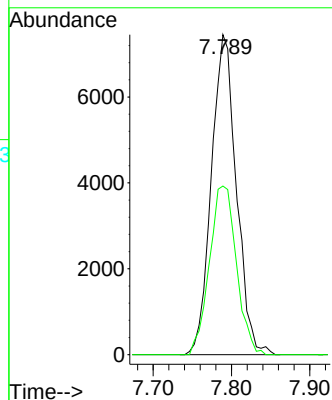
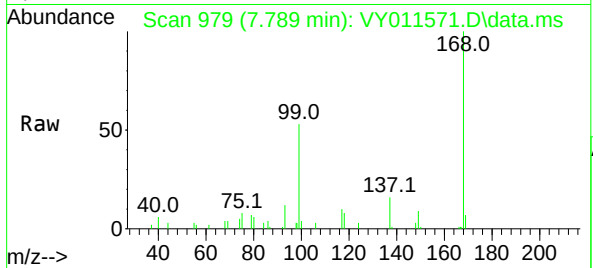




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

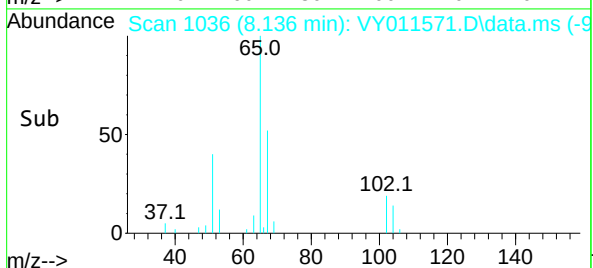
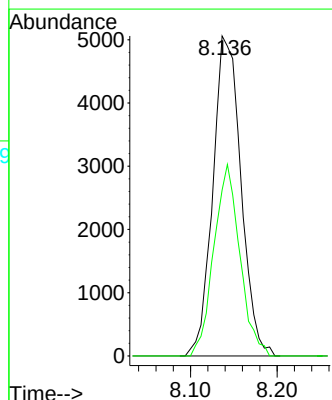
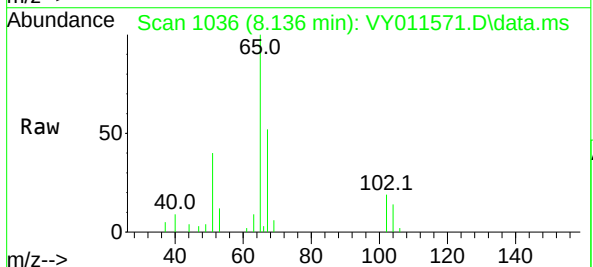
Instrument :
MSVOA_Y
ClientSampleId :
PAT-04-112122

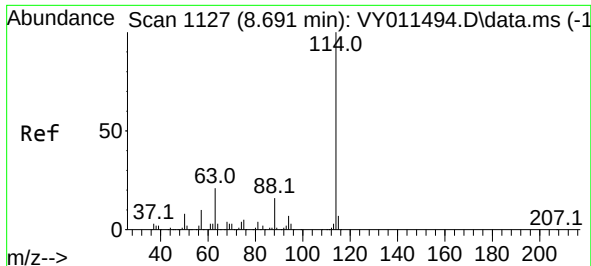
Tgt Ion:168 Resp: 16517
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.949 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Tgt Ion: 65 Resp: 11396
Ion Ratio Lower Upper
65 100
67 55.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011571.D

Acq: 23 Nov 2022 13:37

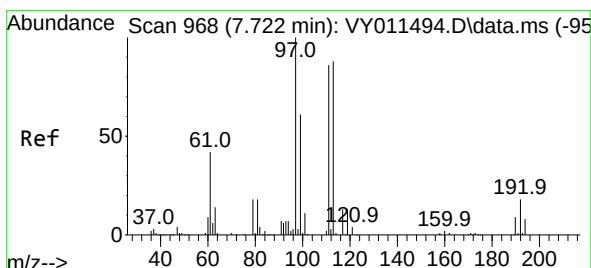
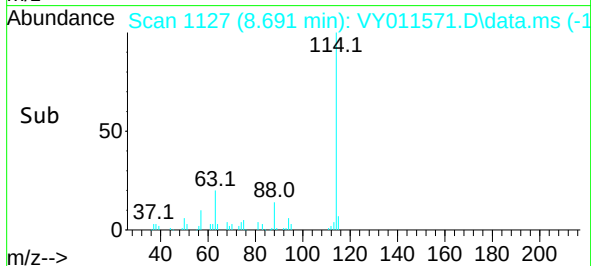
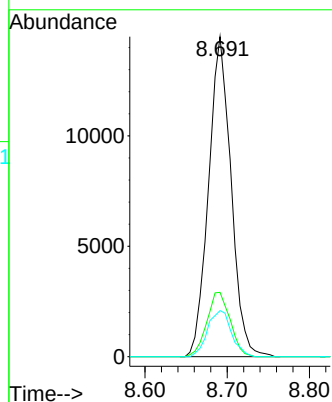
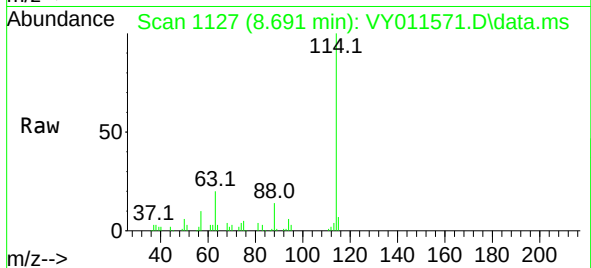
Instrument :

MSVOA_Y

ClientSampleId :

PAT-04-112122

Tgt Ion:114	Resp:	27540
Ion	Ratio	Lower Upper
114	100	
63	20.1	0.0 43.2
88	14.4	0.0 31.8



#35

Dibromofluoromethane

Concen: 57.121 ug/l

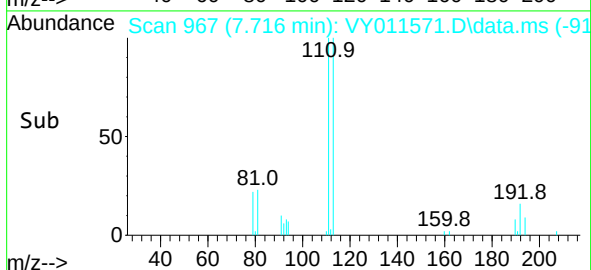
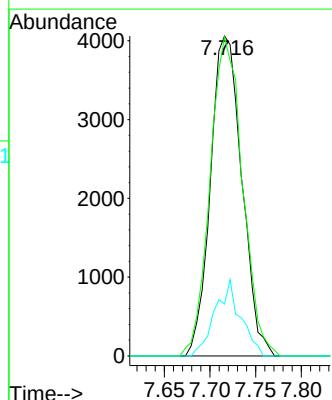
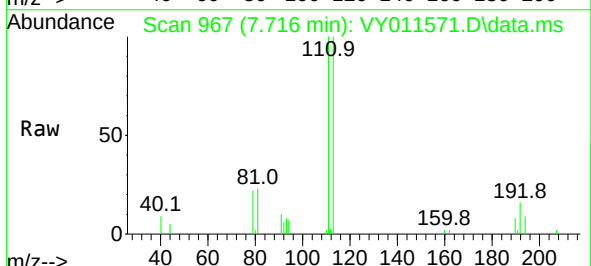
RT: 7.716 min Scan# 967

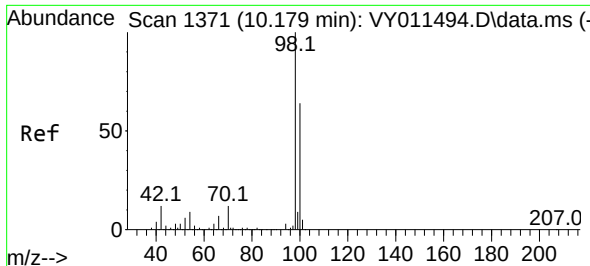
Delta R.T. -0.006 min

Lab File: VY011571.D

Acq: 23 Nov 2022 13:37

Tgt Ion:113	Resp:	9684
Ion	Ratio	Lower Upper
113	100	
111	103.2	82.6 124.0
192	19.4	17.6 26.4

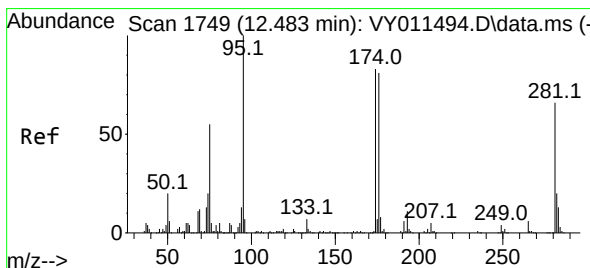
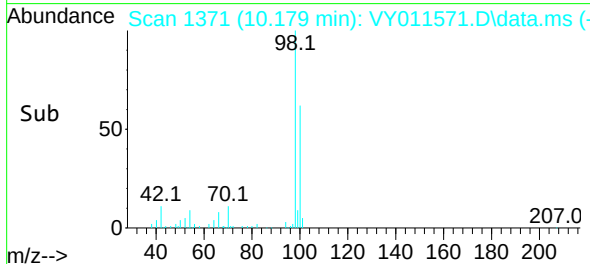
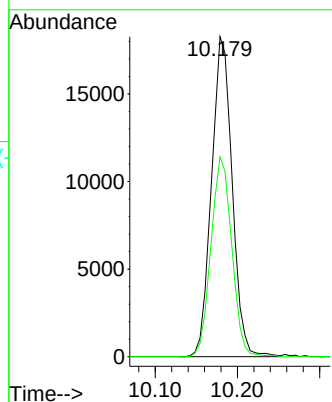
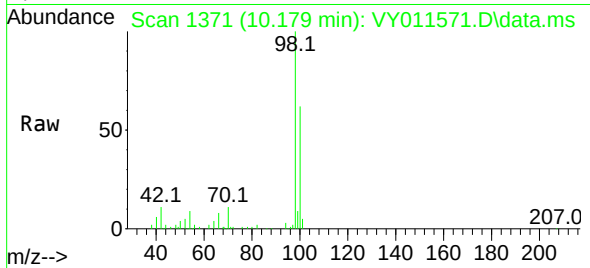




#50
Toluene-d8
Concen: 51.767 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

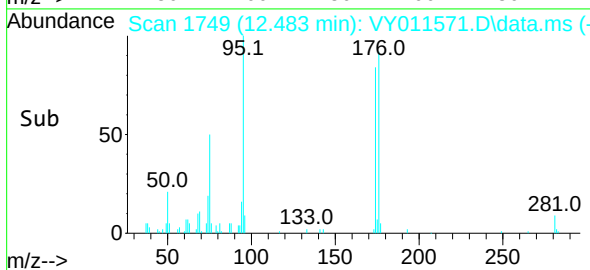
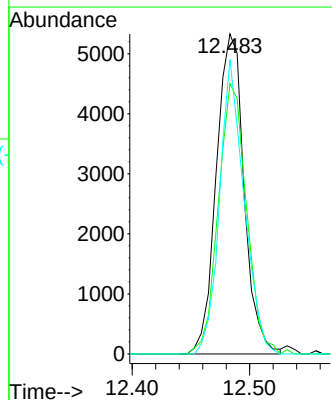
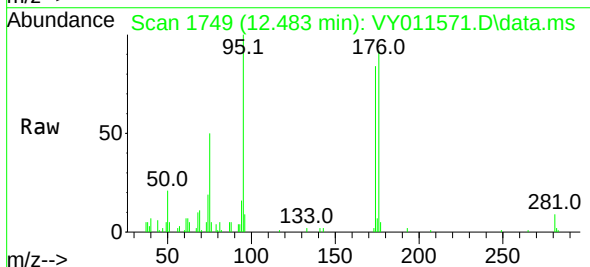
Instrument :
MSVOA_Y
ClientSampleId :
PAT-04-112122

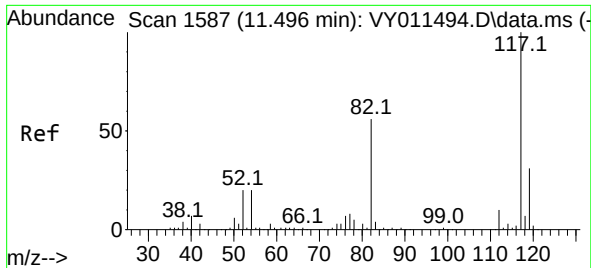
Tgt Ion: 98 Resp: 31892
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Tgt Ion: 95 Resp: 8724
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 81.3 0.0 175.8

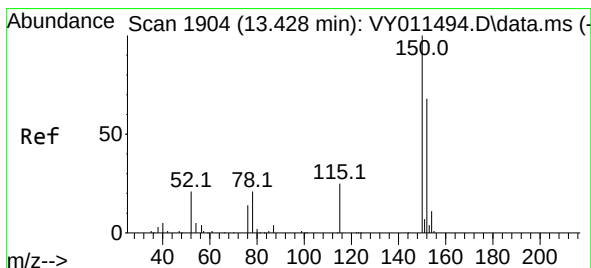
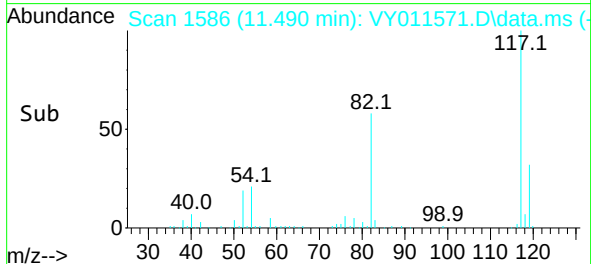
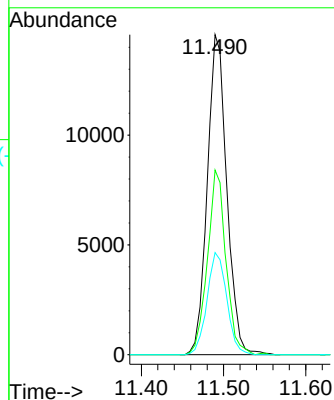
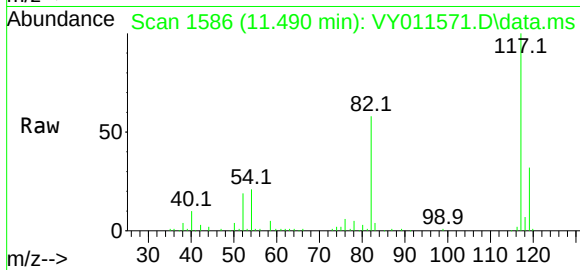




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Instrument :
MSVOA_Y
ClientSampleId :
PAT-04-112122

Tgt Ion:	117	Resp:	23995
Ion	Ratio	Lower	Upper
117	100		
82	57.7	43.0	64.4
119	31.9	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: VY011571.D
Acq: 23 Nov 2022 13:37

Tgt Ion:	152	Resp:	8827
Ion	Ratio	Lower	Upper
152	100		
115	60.4	28.2	84.7
150	161.3	0.0	347.6

