

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032223\
 Data File : VY013046.D
 Acq On : 22 Mar 2023 13:58
 Operator : KP/MD
 Sample : 02029-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-032123

Quant Time: Mar 23 05:21:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1253	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2346	80.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.900%
35) Dibromofluoromethane	7.710	113	1865	71.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.440%
50) Toluene-d8	10.179	98	5168	54.361	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.720%
62) 4-Bromofluorobenzene	12.483	95	1288	40.140	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.280%

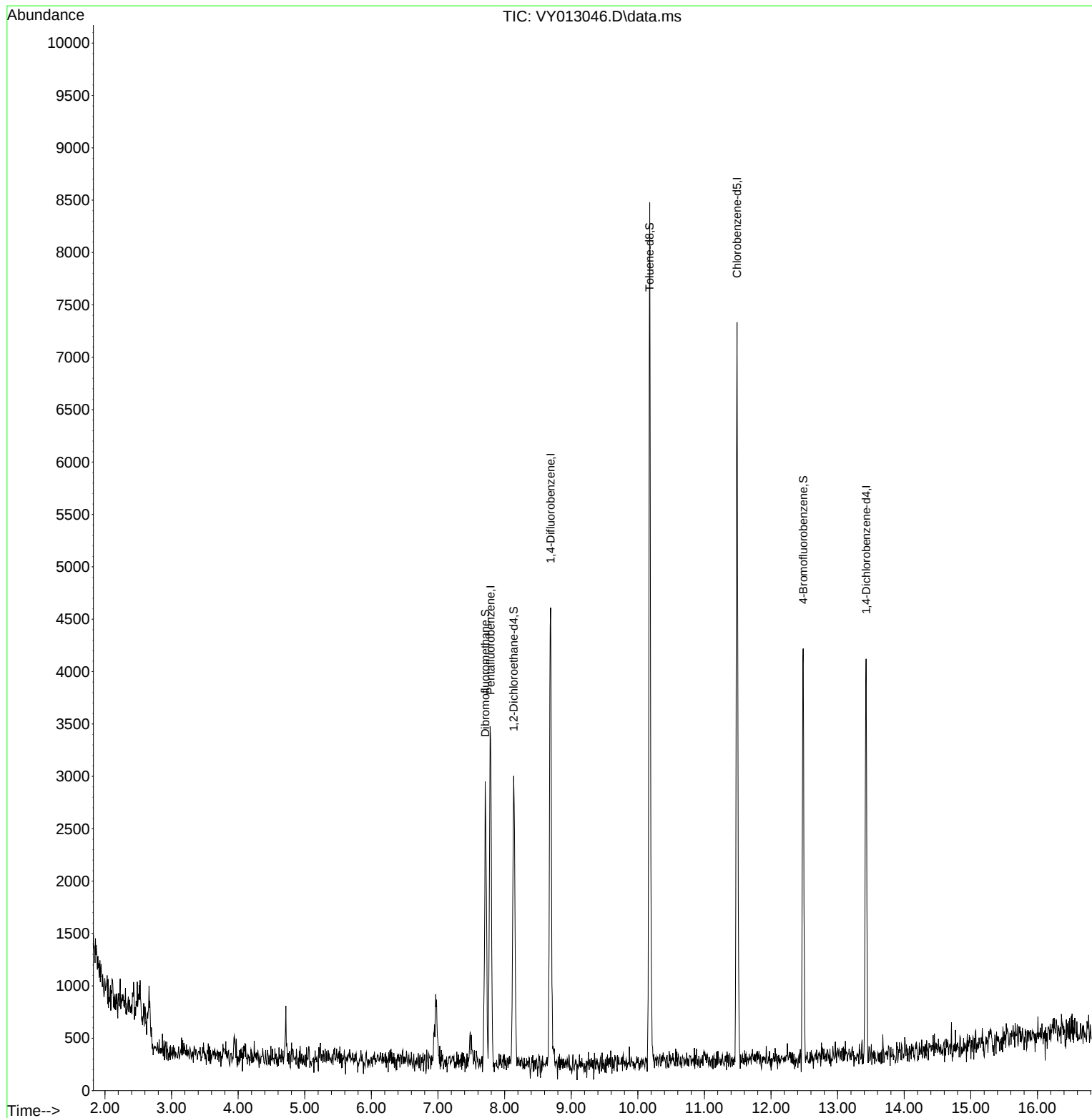
Target Compounds	Qvalue

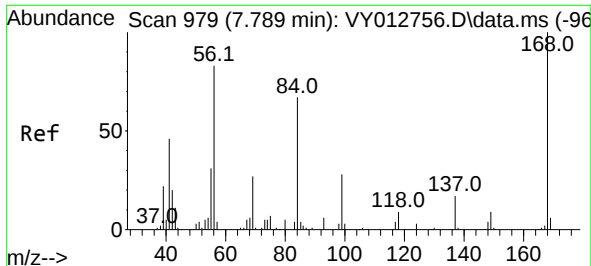
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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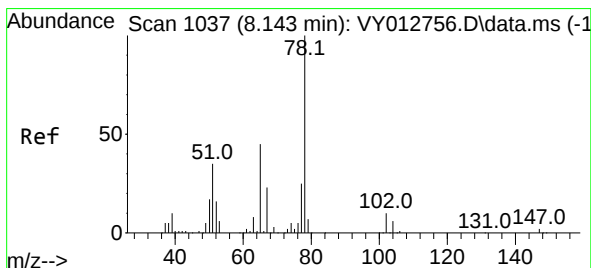
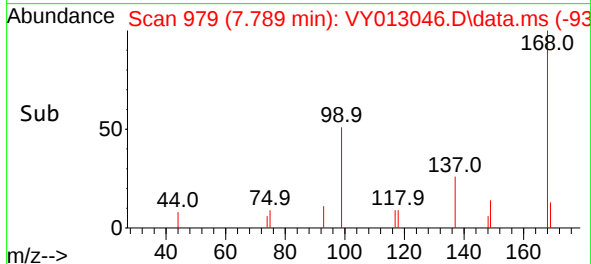
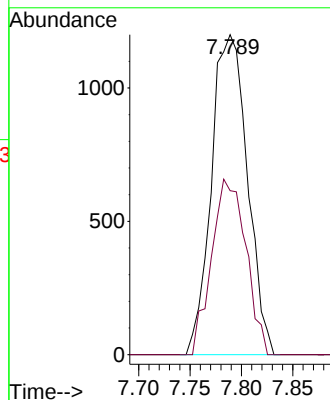
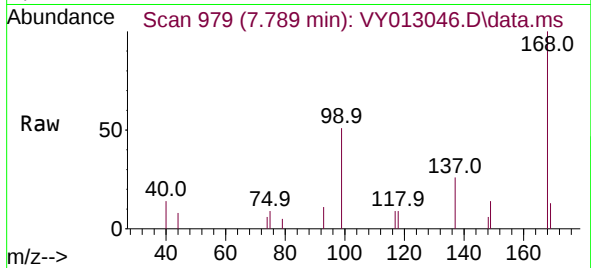




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013046.D
Acq: 22 Mar 2023 13:58

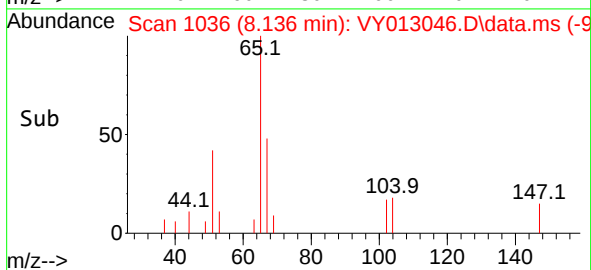
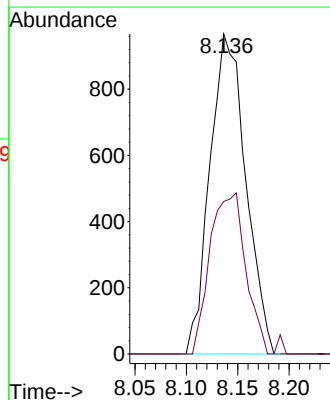
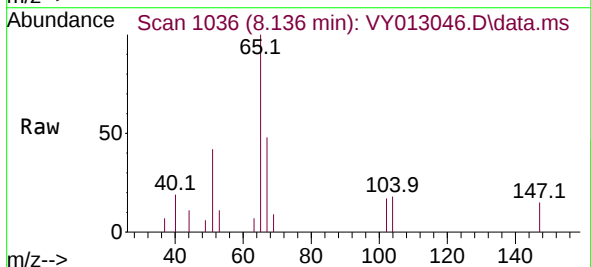
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-032123

Tgt Ion:168 Resp: 2919
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 80.947 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013046.D
Acq: 22 Mar 2023 13:58

Tgt Ion: 65 Resp: 2346
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0

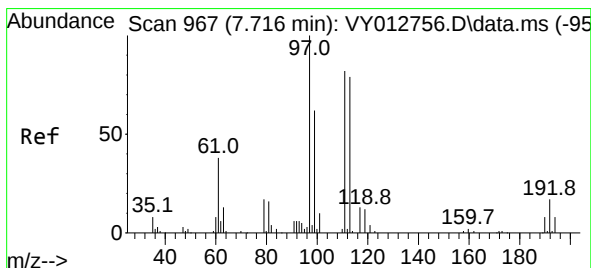
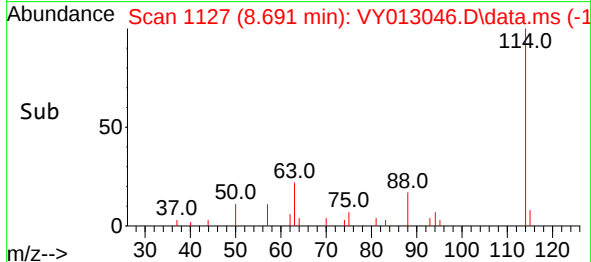
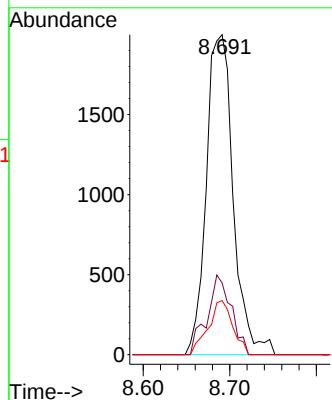
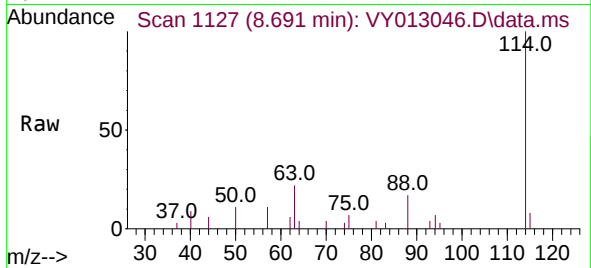




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013046.D
Acq: 22 Mar 2023 13:58

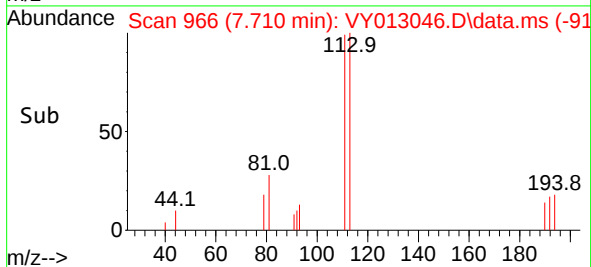
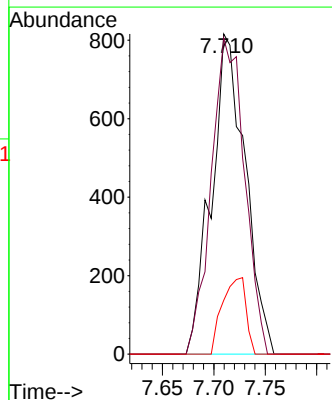
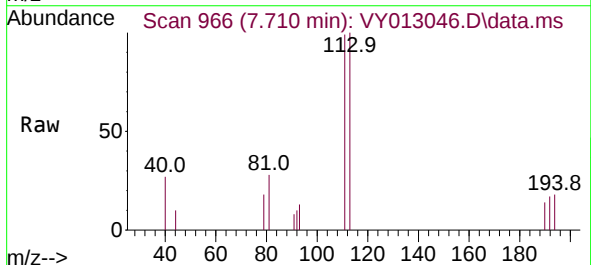
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-032123

Tgt Ion:114	Resp:	4309
Ion Ratio	Lower	Upper
114	100	
63	22.4	0.0 37.4
88	16.9	0.0 28.6



#35
Dibromofluoromethane
Concen: 71.718 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013046.D
Acq: 22 Mar 2023 13:58

Tgt Ion:113	Resp:	1865
Ion Ratio	Lower	Upper
113	100	
111	97.4	82.2 123.2
192	16.7	16.8 25.2#

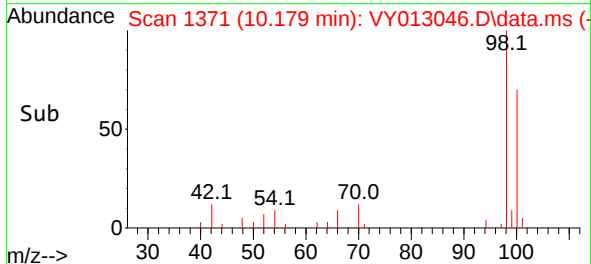
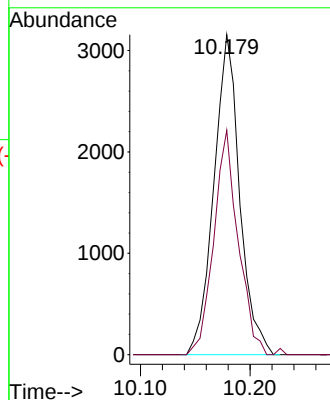
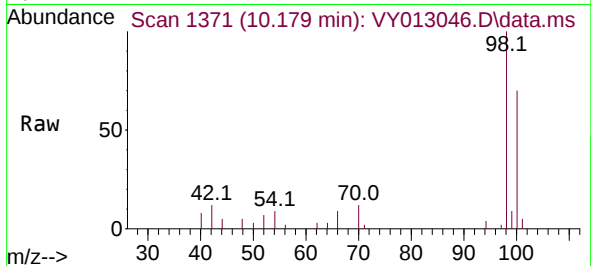




#50
Toluene-d8
Concen: 54.361 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013046.D
Acq: 22 Mar 2023 13:58

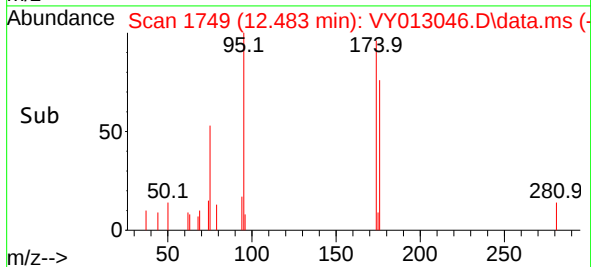
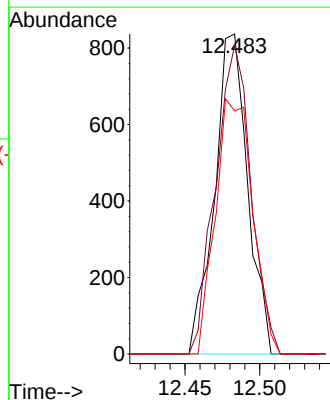
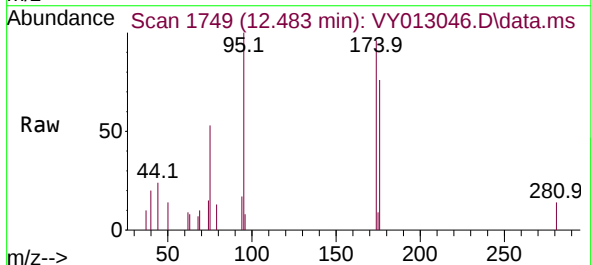
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-032123

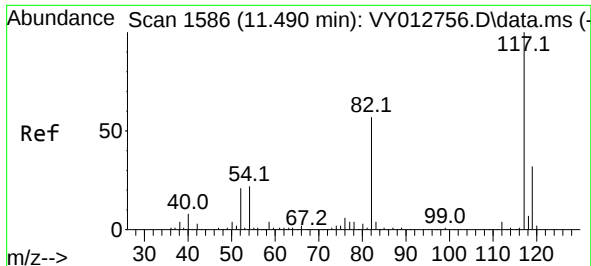
Tgt Ion: 98 Resp: 5168
Ion Ratio Lower Upper
98 100
100 66.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 40.140 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013046.D
Acq: 22 Mar 2023 13:58

Tgt Ion: 95 Resp: 1288
Ion Ratio Lower Upper
95 100
174 103.4 0.0 176.6
176 89.5 0.0 170.2

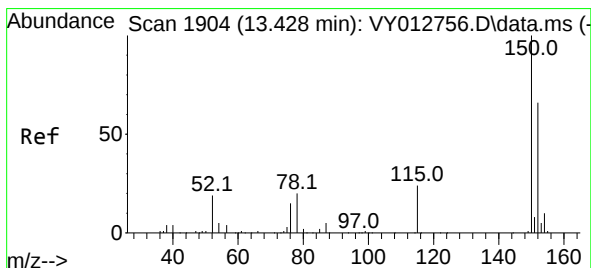
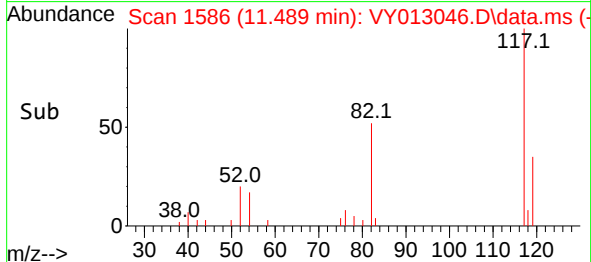
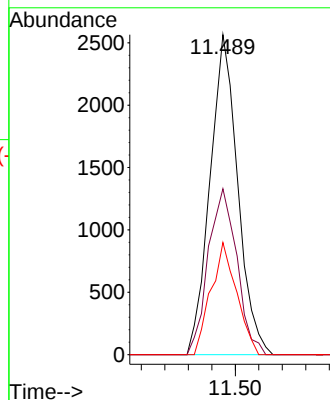
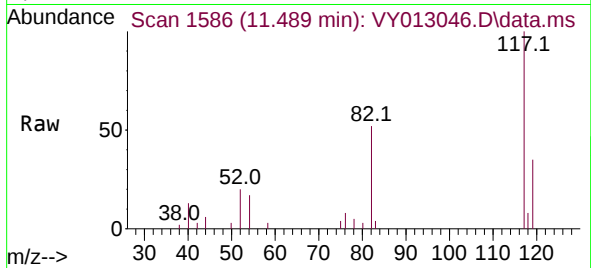




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013046.D
Acq: 22 Mar 2023 13:58

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-032123

Tgt Ion:117 Resp: 4206
Ion Ratio Lower Upper
117 100
82 51.9 45.4 68.0
119 35.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013046.D
Acq: 22 Mar 2023 13:58

Tgt Ion:152 Resp: 1253
Ion Ratio Lower Upper
152 100
115 50.6 27.1 81.3
150 147.6 0.0 347.8

