

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008922.D
 Acq On : 20 May 2022 23:18
 Operator : KP/MD
 Sample : N2907-02
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GC-2

Quant Time: May 20 23:57:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	143630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	232527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86709	58.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.320%
35) Dibromofluoromethane	7.716	113	78344	50.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.420%
50) Toluene-d8	10.179	98	304429	53.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.820%
62) 4-Bromofluorobenzene	12.483	95	92263	40.126	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.260%

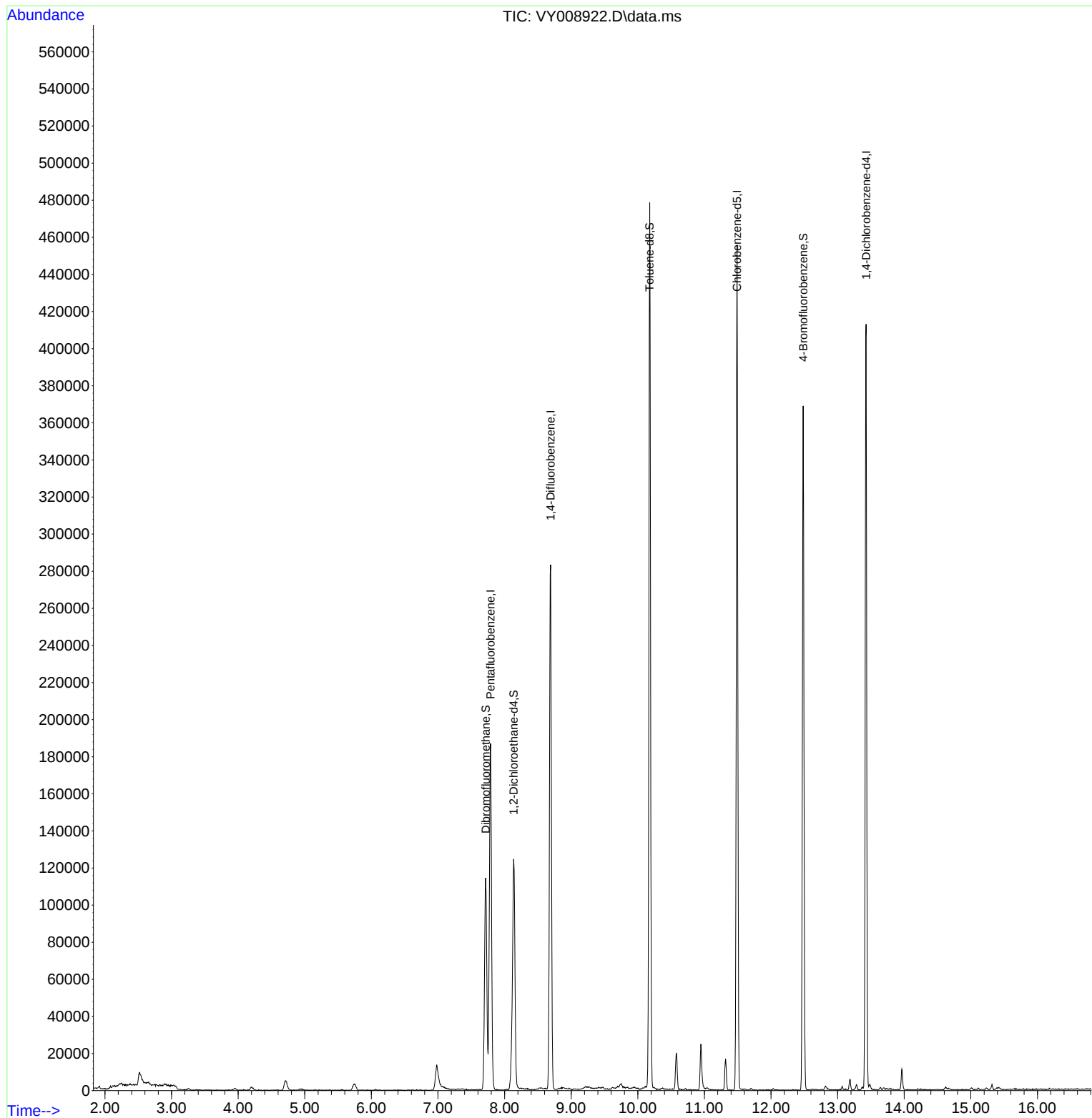
Target Compounds	Qvalue

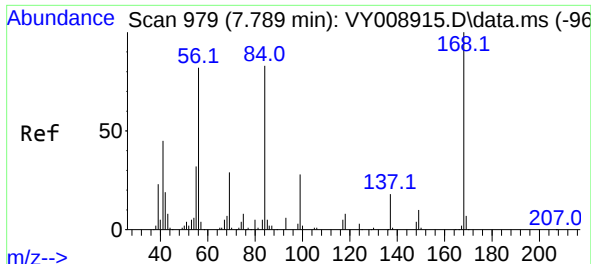
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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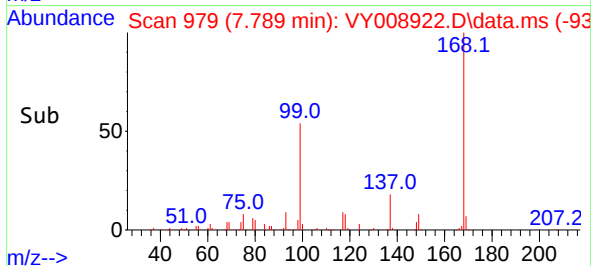
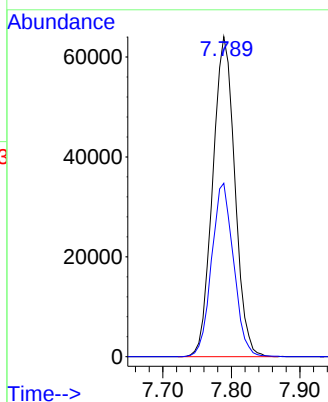
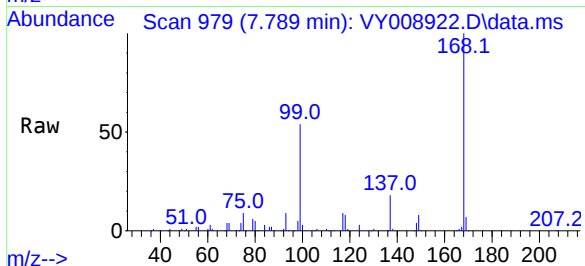




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

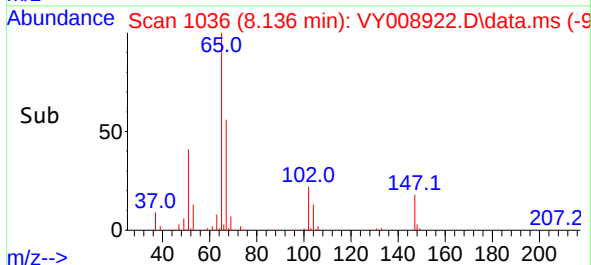
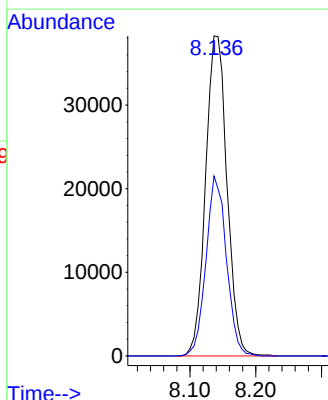
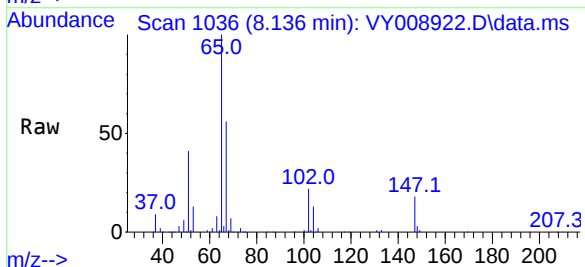
Instrument :
MSVOA_Y
ClientSampleId :
GC-2

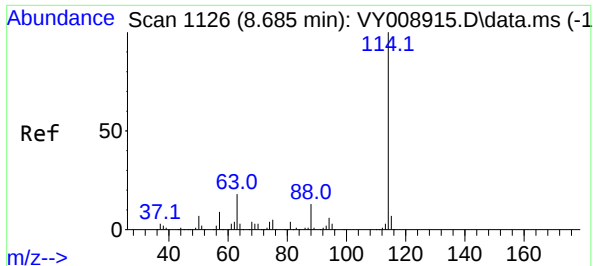
Tgt Ion:168 Resp: 143630
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.658 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

Tgt Ion: 65 Resp: 86709
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

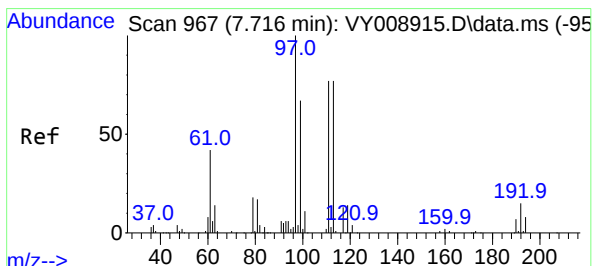
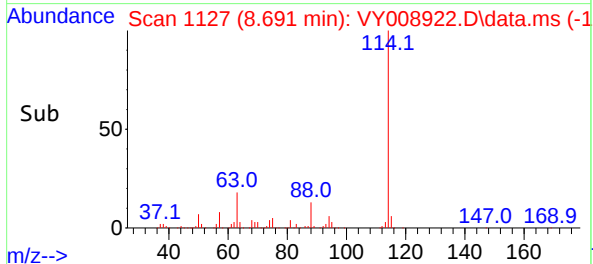
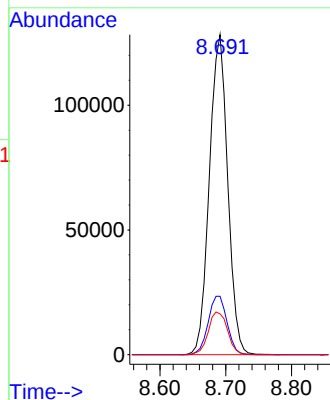
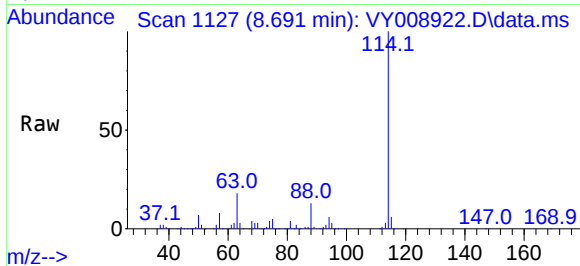




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

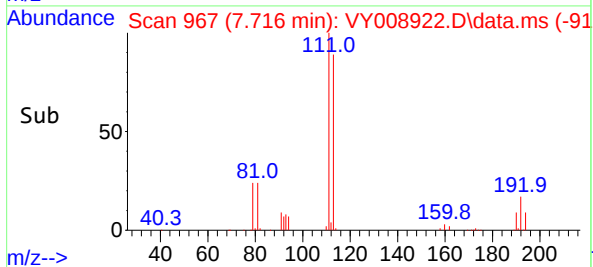
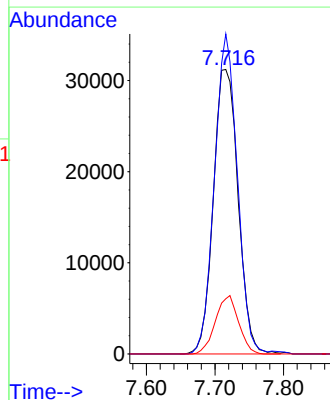
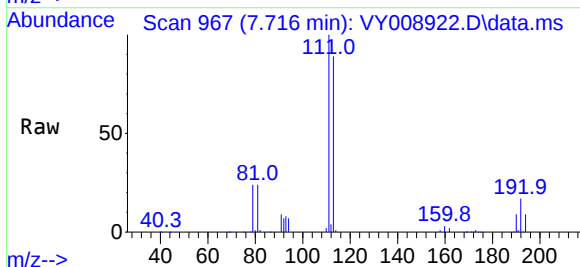
Instrument :
MSVOA_Y
ClientSampleId :
GC-2

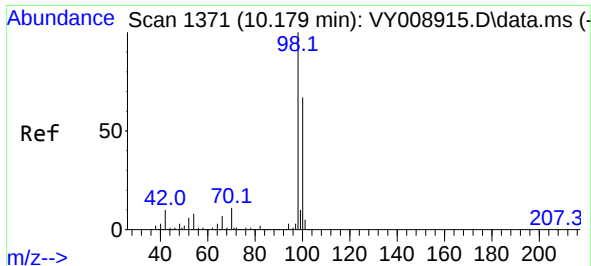
Tgt Ion:114 Resp: 248468
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.2
88 12.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.706 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

Tgt Ion:113 Resp: 78344
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.1 17.6 26.4

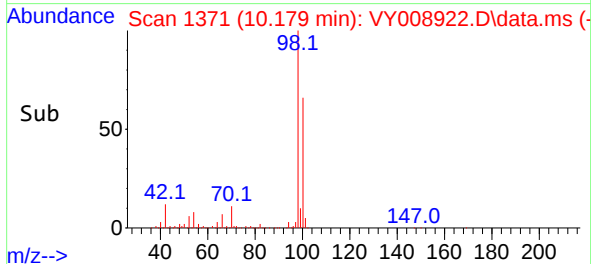
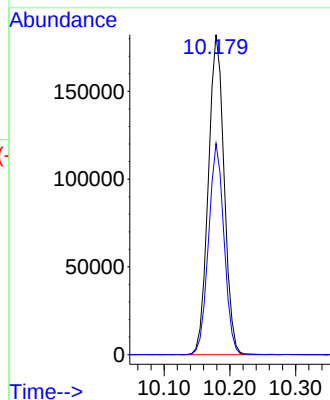
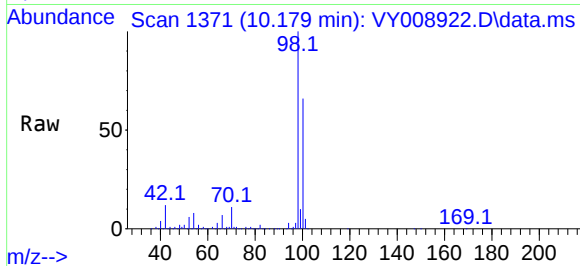




#50
Toluene-d8
Concen: 53.408 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

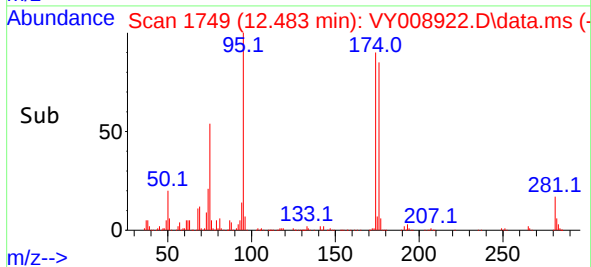
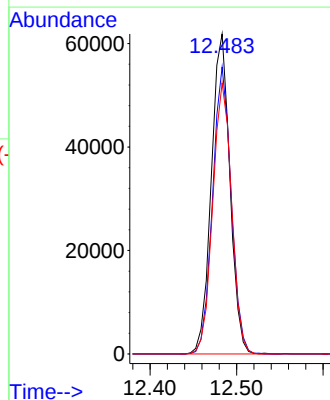
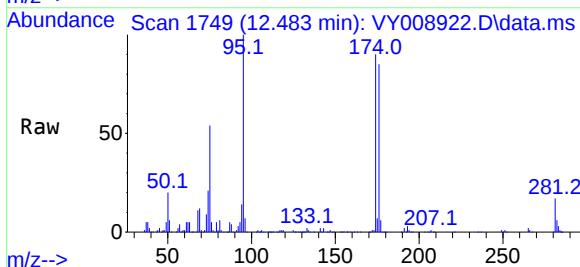
Instrument :
MSVOA_Y
ClientSampleId :
GC-2

Tgt Ion: 98 Resp: 304429
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

Tgt Ion: 95 Resp: 92263
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 85.9 0.0 175.8

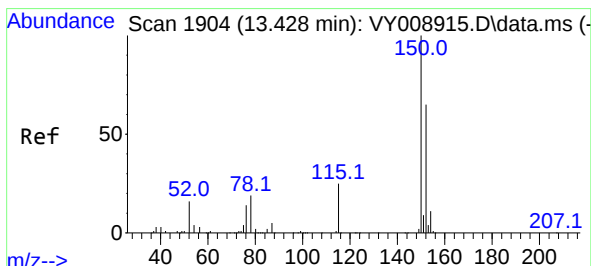
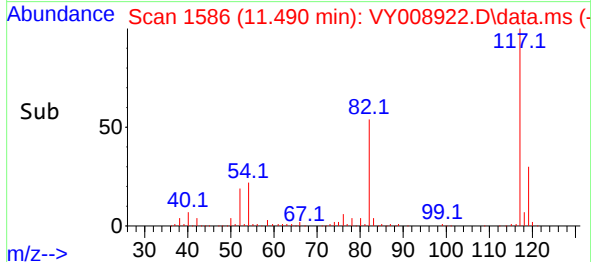
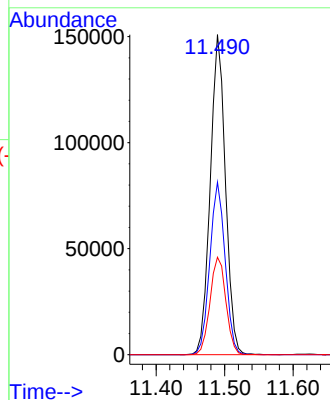
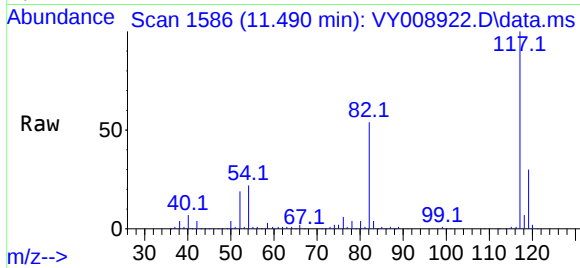




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

Instrument :
MSVOA_Y
ClientSampleId :
GC-2

Tgt Ion:117 Resp: 232527
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 30.4 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: VY008922.D
Acq: 20 May 2022 23:18

Tgt Ion:152 Resp: 101594
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 157.6 0.0 347.6

