

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011598.D
 Acq On : 28 Nov 2022 13:13
 Operator : KP/MD
 Sample : N5762-05RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1RE

Quant Time: Nov 29 00:25:21 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	6577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	10931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	10547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4985	74.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.300%
35) Dibromofluoromethane	7.716	113	2576	38.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.560%
50) Toluene-d8	10.179	98	12785	52.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.477	95	3971	43.923	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.840%

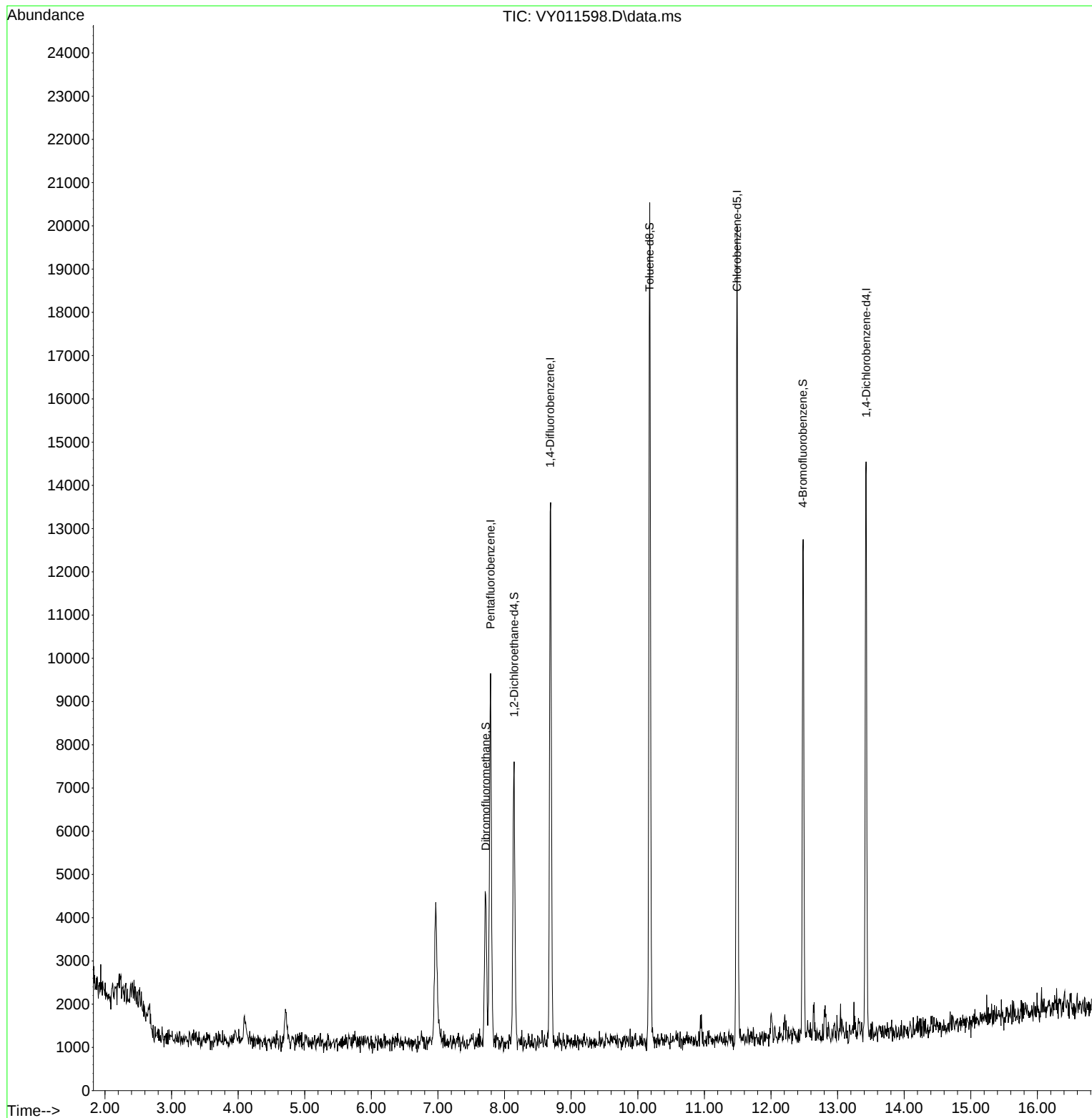
Target Compounds	Qvalue

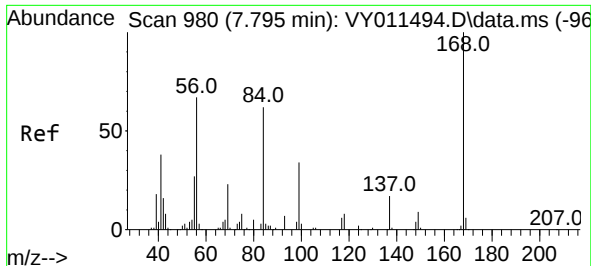
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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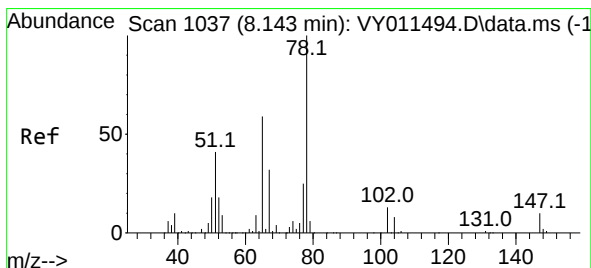
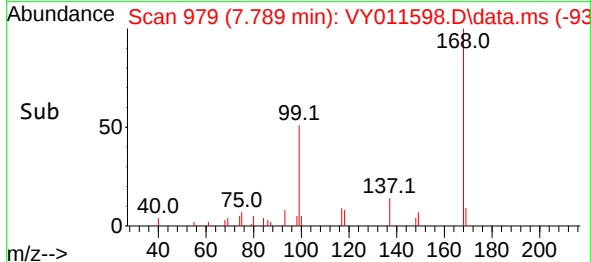
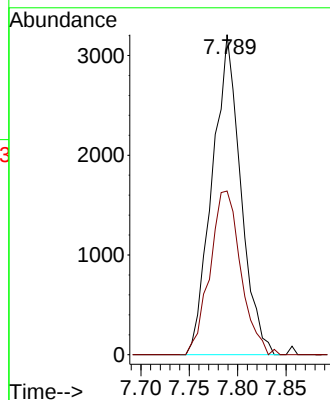
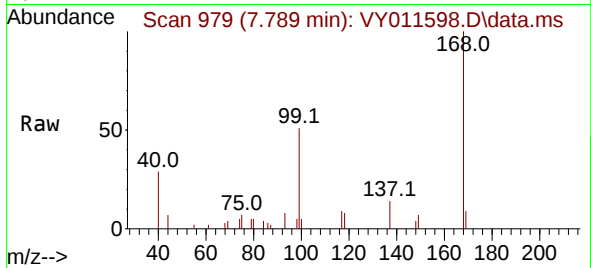




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011598.D
Acq: 28 Nov 2022 13:13

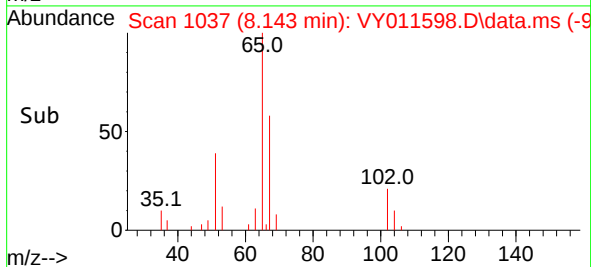
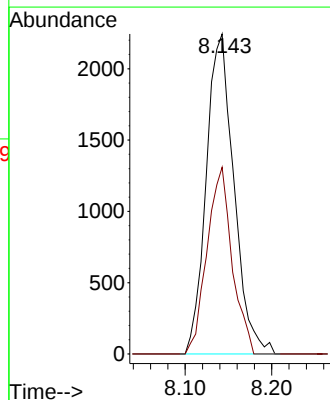
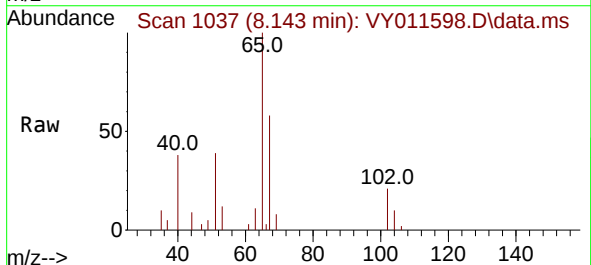
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

Tgt Ion:168 Resp: 6577
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 74.645 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011598.D
Acq: 28 Nov 2022 13:13

Tgt Ion: 65 Resp: 4985
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011598.D

Acq: 28 Nov 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-1RE

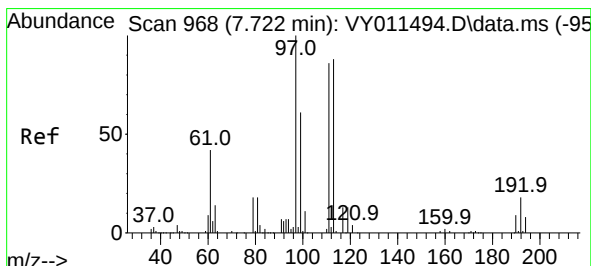
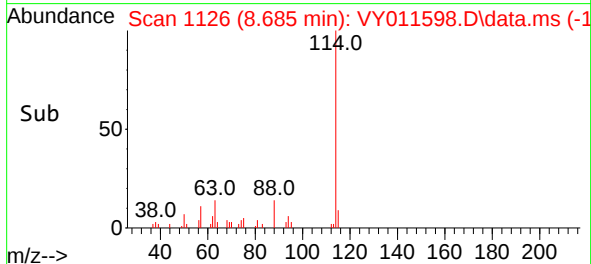
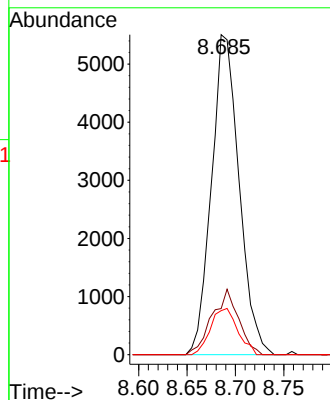
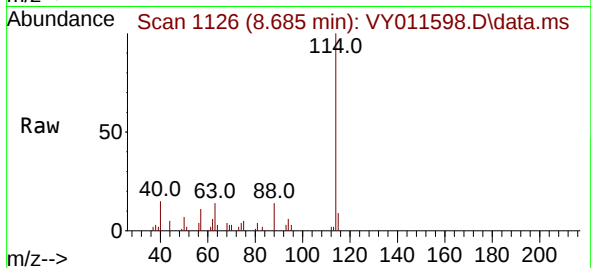
Tgt Ion:114 Resp: 10931

Ion Ratio Lower Upper

114 100

63 14.4 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.282 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011598.D

Acq: 28 Nov 2022 13:13

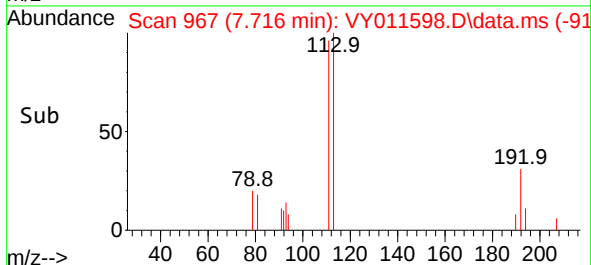
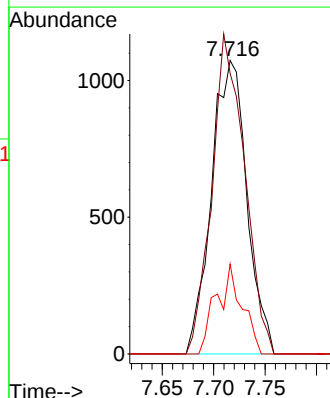
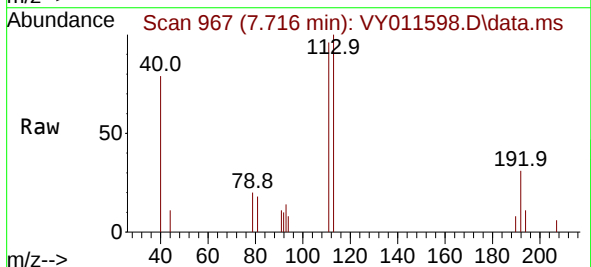
Tgt Ion:113 Resp: 2576

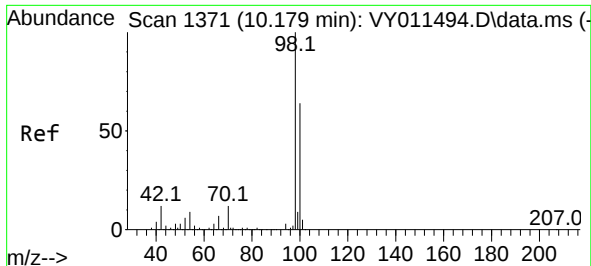
Ion Ratio Lower Upper

113 100

111 100.0 82.6 124.0

192 22.2 17.6 26.4

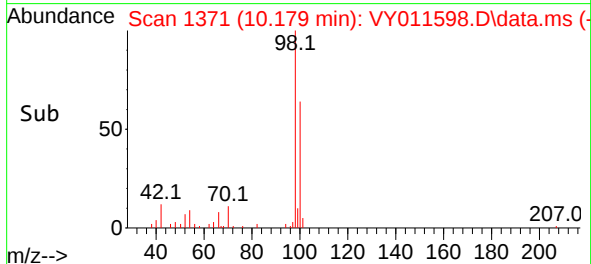
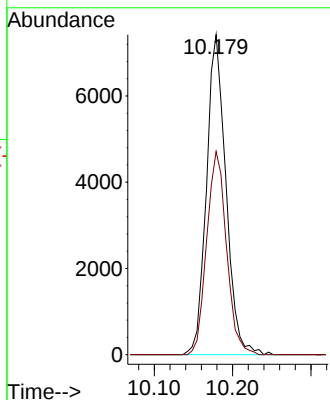
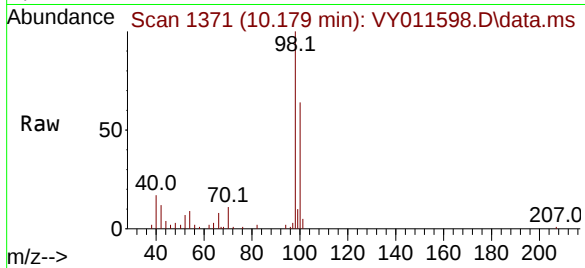




#50
Toluene-d8
Concen: 52.285 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011598.D
Acq: 28 Nov 2022 13:13

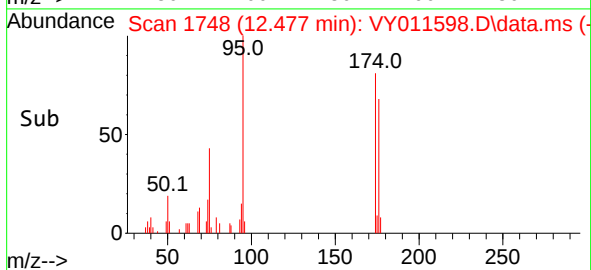
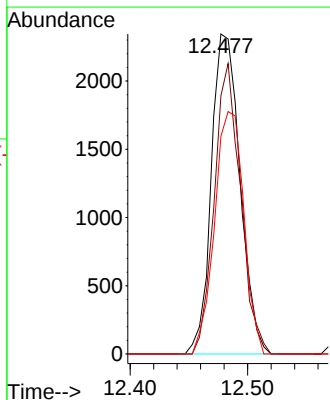
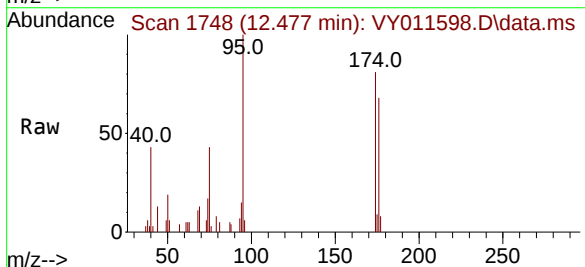
Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

Tgt Ion: 98 Resp: 12785
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.923 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011598.D
Acq: 28 Nov 2022 13:13

Tgt Ion: 95 Resp: 3971
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 77.3 0.0 175.8

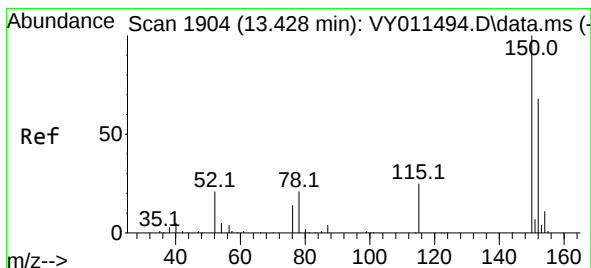
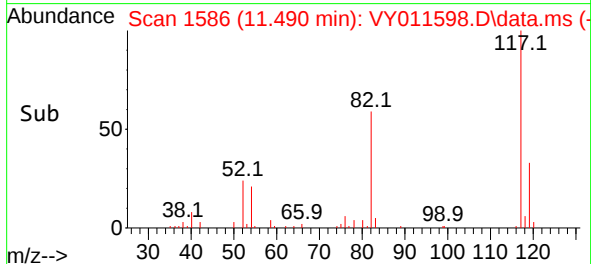
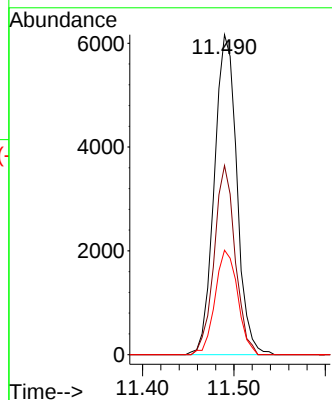
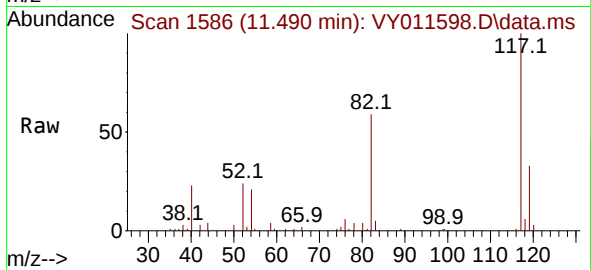




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011598.D
Acq: 28 Nov 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
TP-1RE

Tgt Ion:117 Resp: 10547
Ion Ratio Lower Upper
117 100
82 59.1 43.0 64.4
119 32.7 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: VY011598.D
Acq: 28 Nov 2022 13:13

Tgt Ion:152 Resp: 3804
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 157.3 0.0 347.6

