

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008220.D
 Acq On : 05 Apr 2022 19:21
 Operator : SY/MD
 Sample : N2257-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Apr 06 03:59:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	97823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	179303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59349	60.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.940%
35) Dibromofluoromethane	7.716	113	57815	51.429	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.860%
50) Toluene-d8	10.179	98	218618	51.617	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.240%
62) 4-Bromofluorobenzene	12.483	95	72016	48.195	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.400%

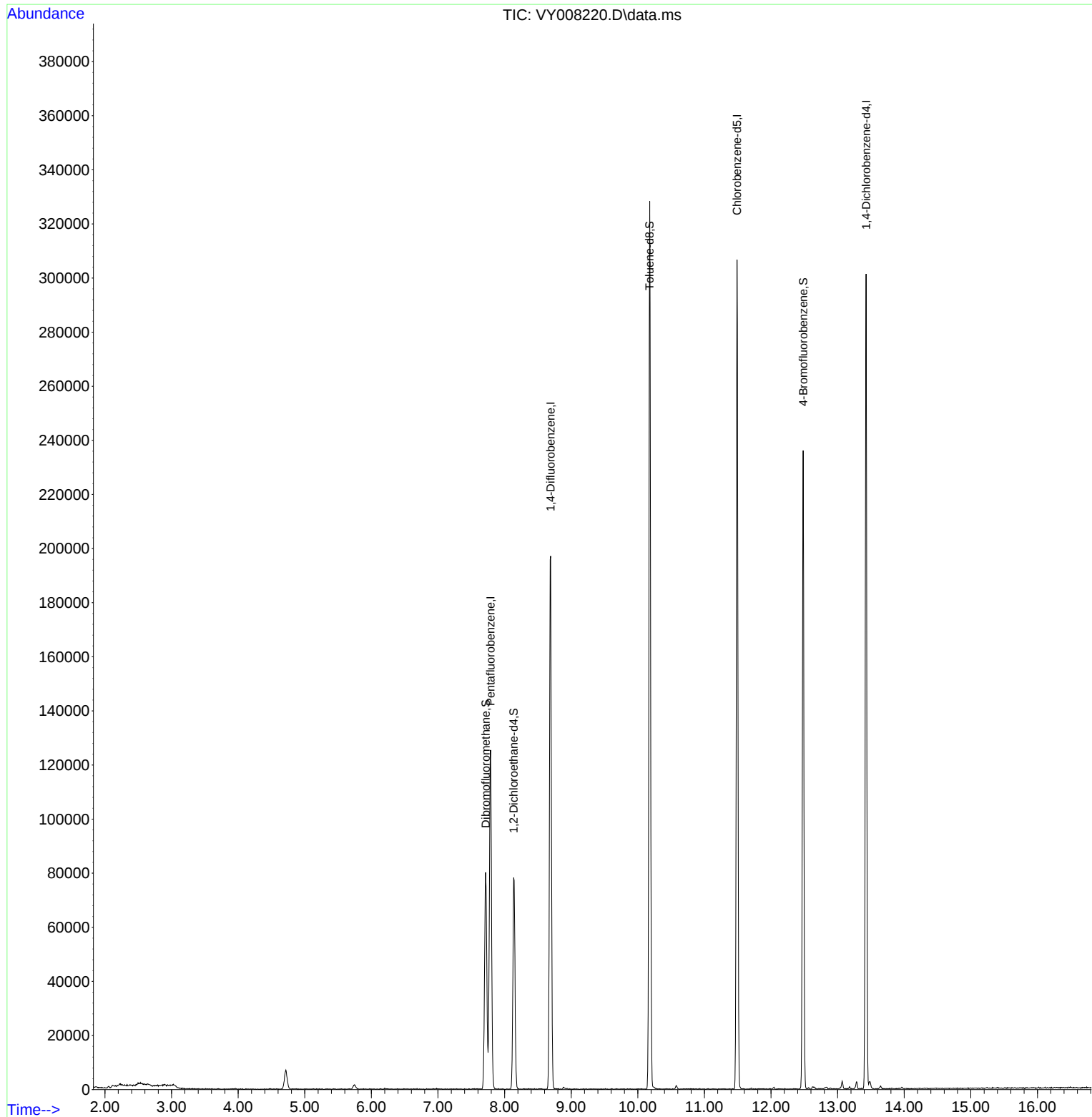
Target Compounds	Qvalue

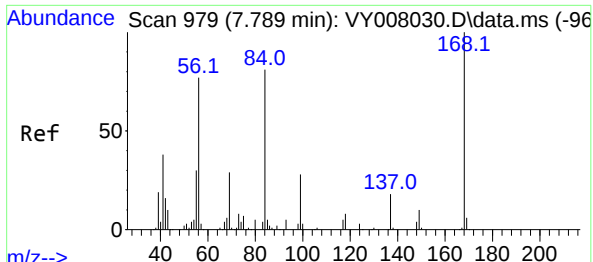
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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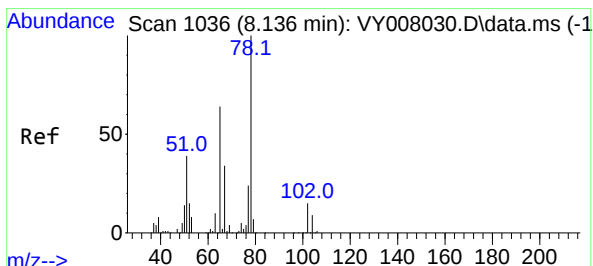
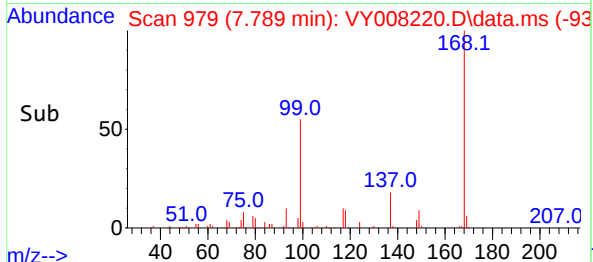
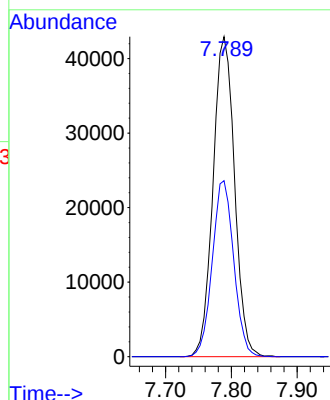
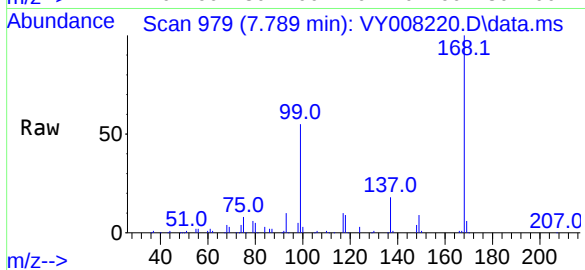




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008220.D
Acq: 05 Apr 2022 19:21

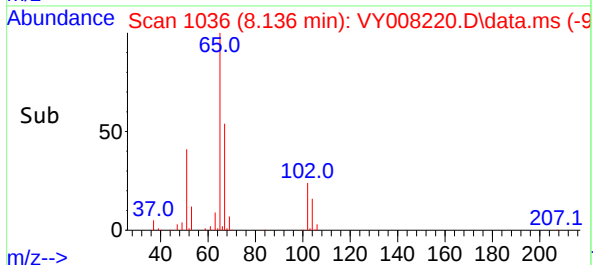
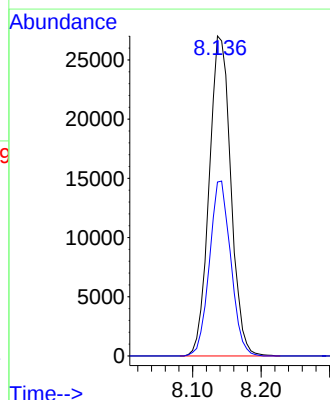
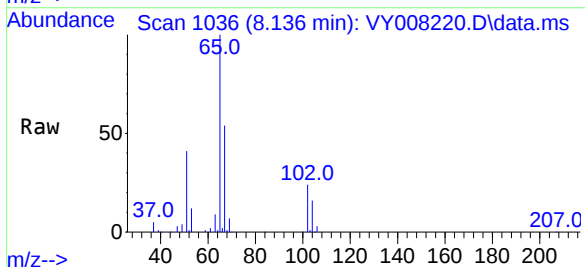
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:168 Resp: 97823
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.470 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008220.D
Acq: 05 Apr 2022 19:21

Tgt Ion: 65 Resp: 59349
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008220.D

Acq: 05 Apr 2022 19:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

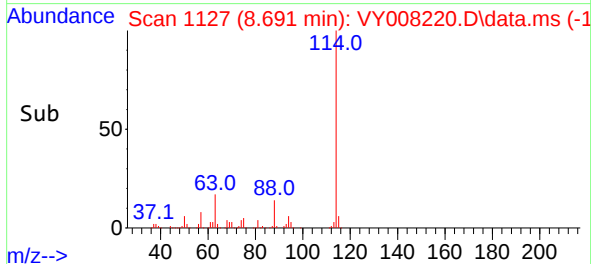
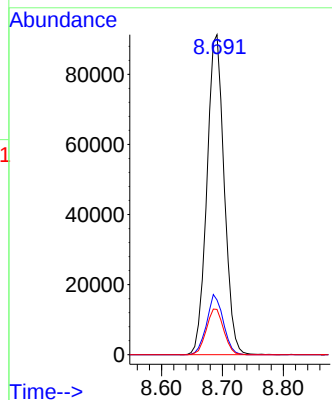
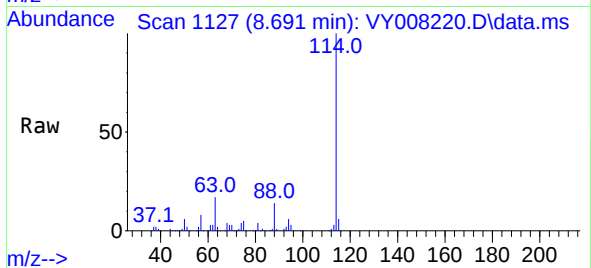
Tgt Ion:114 Resp: 179303

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.429 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008220.D

Acq: 05 Apr 2022 19:21

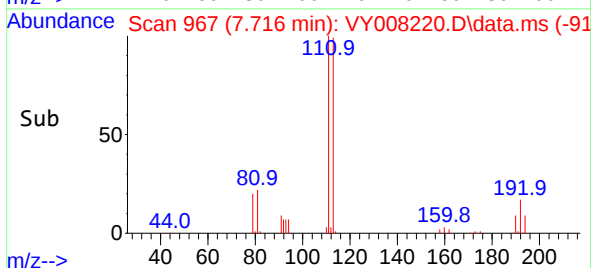
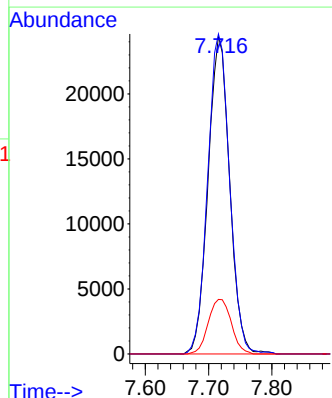
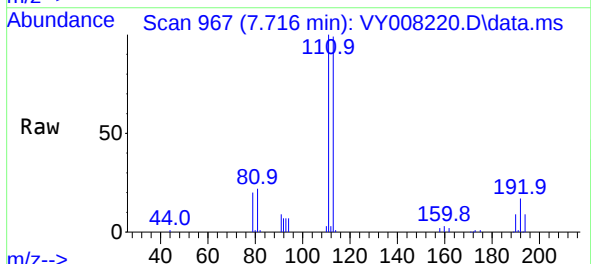
Tgt Ion:113 Resp: 57815

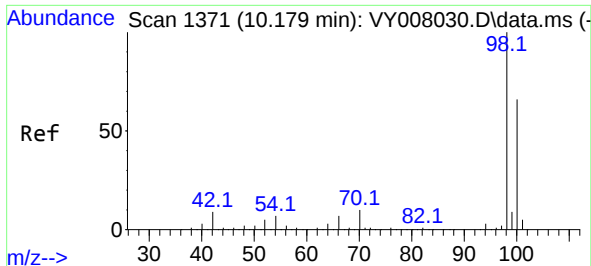
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 18.3 17.6 26.4

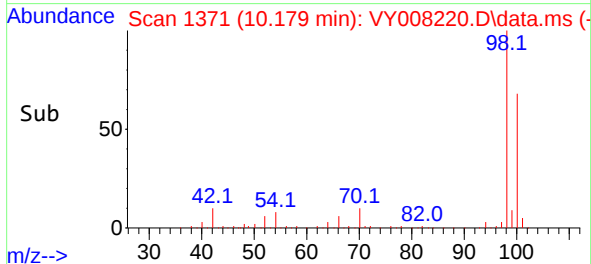
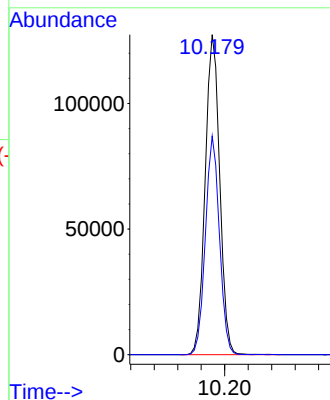
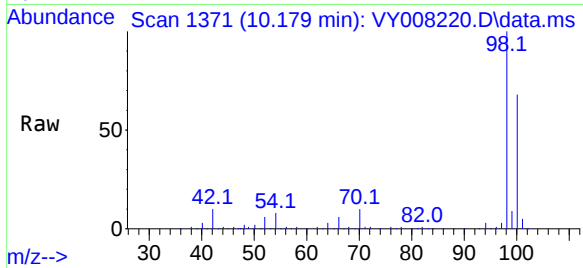




#50
Toluene-d8
Concen: 51.617 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008220.D
Acq: 05 Apr 2022 19:21

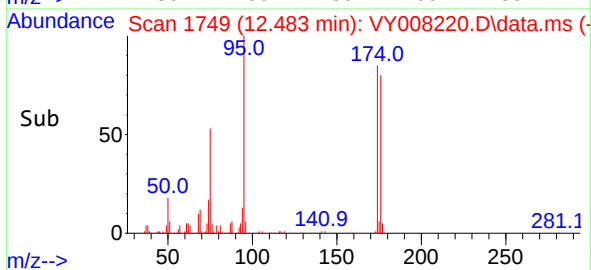
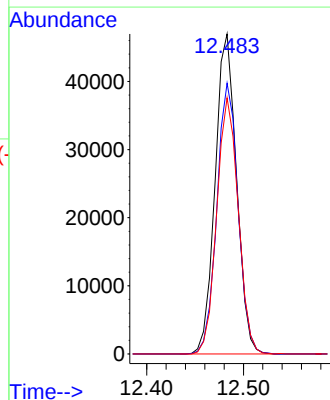
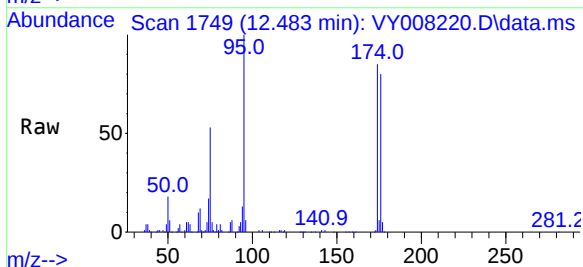
Instrument :
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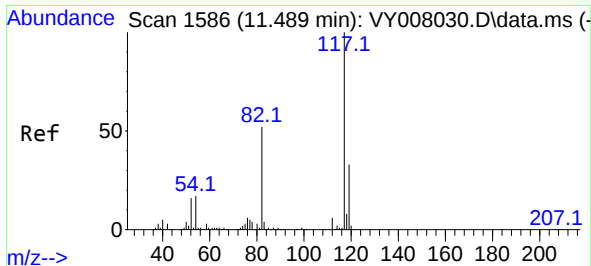
Tgt Ion: 98 Resp: 218618
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.195 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008220.D
Acq: 05 Apr 2022 19:21

Tgt Ion: 95 Resp: 72016
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.5 0.0 175.8

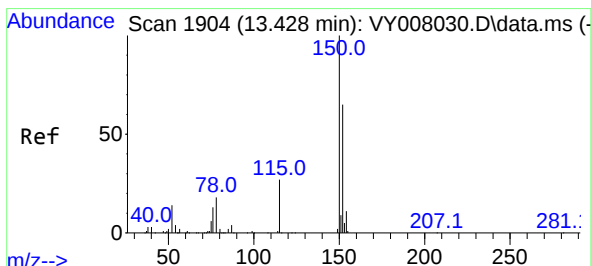
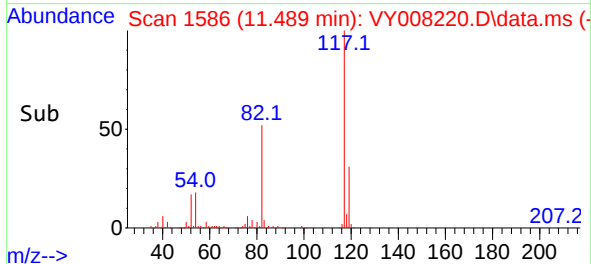
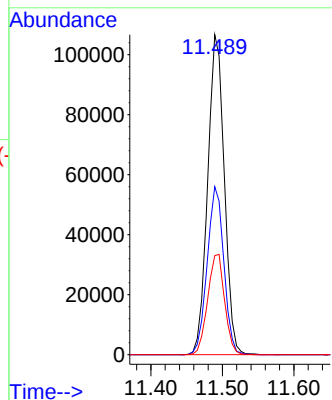
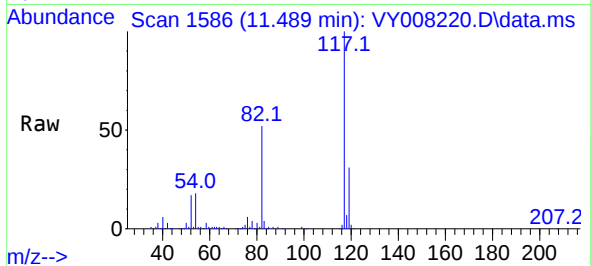




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008220.D
Acq: 05 Apr 2022 19:21

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 172402
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 30.9 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: VY008220.D
Acq: 05 Apr 2022 19:21

Tgt Ion:152 Resp: 76299
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.1 0.0 347.6

