

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017673.D
 Acq On : 15 Mar 2024 15:23
 Operator : SY/MD
 Sample : P1746-17
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-2.0-4.5

Quant Time: Mar 16 00:17:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	118235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58374	52.094	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.180%
35) Dibromofluoromethane	7.716	113	70648	47.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.179	98	247622	47.212	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.483	95	65630	39.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.640%

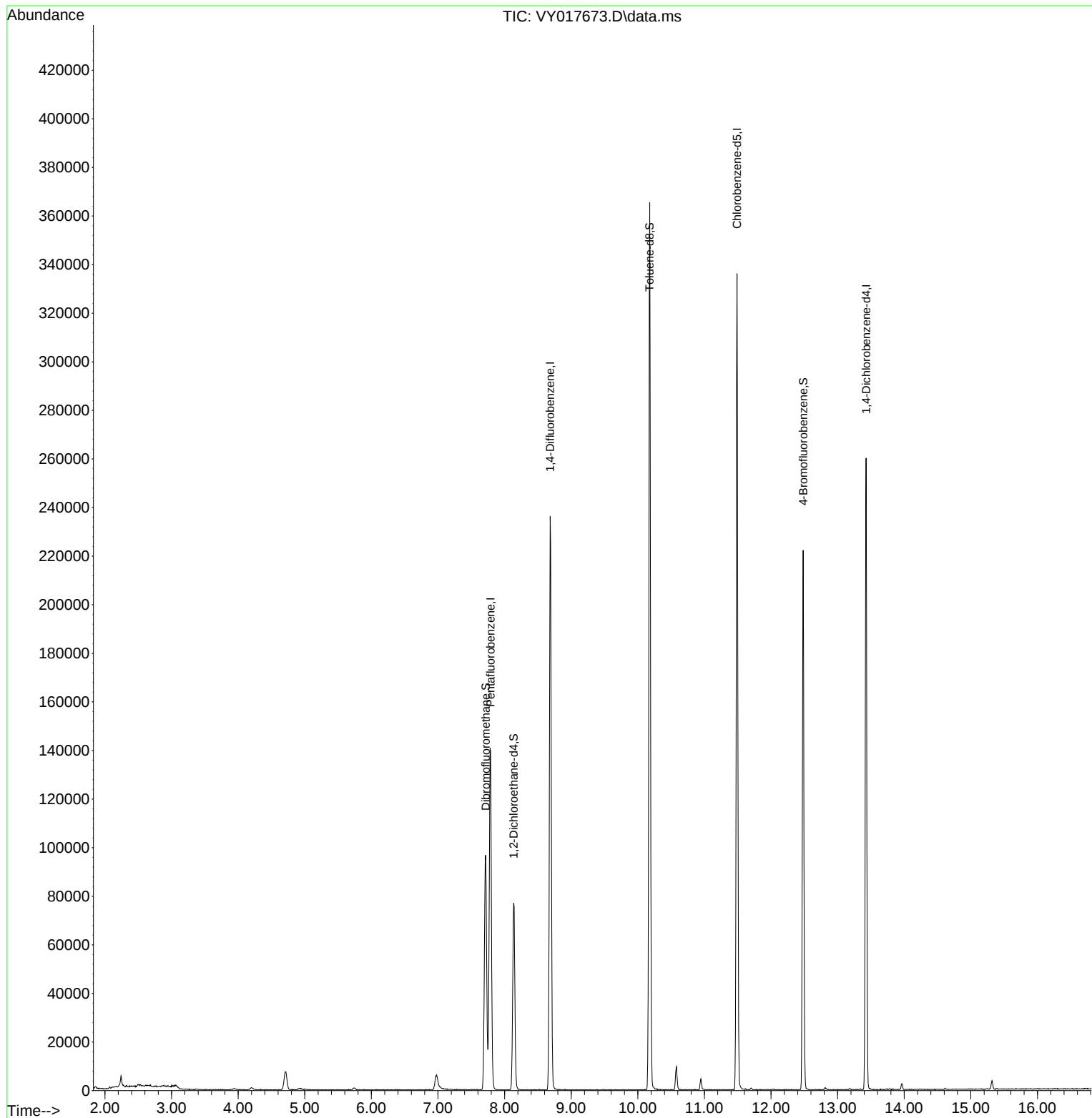
Target Compounds	Qvalue

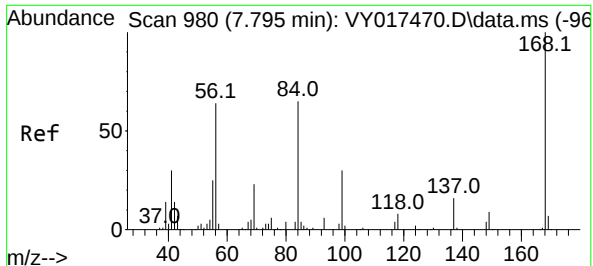
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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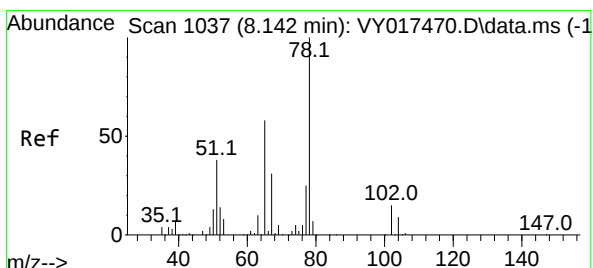
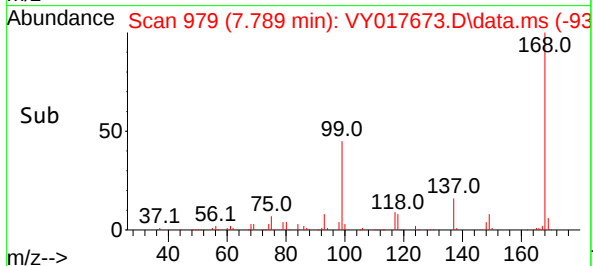
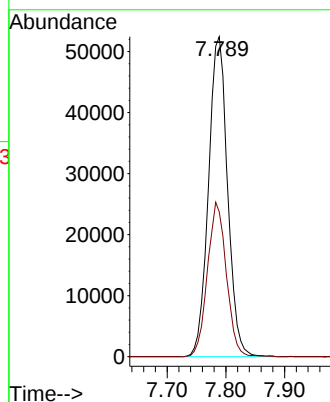
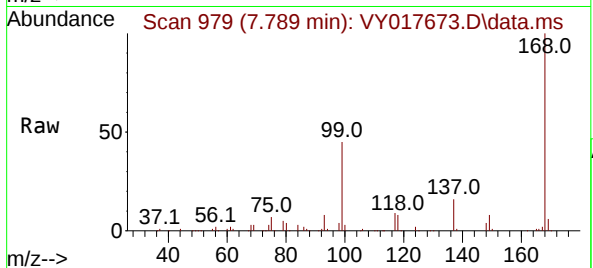




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

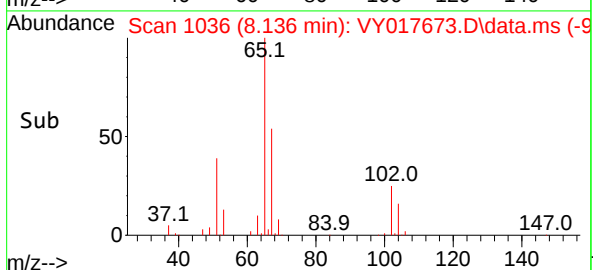
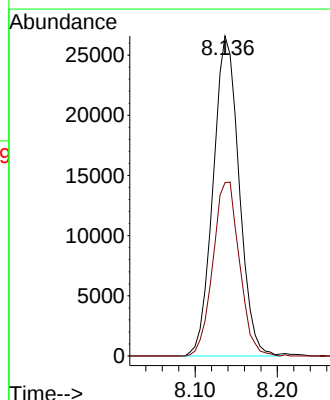
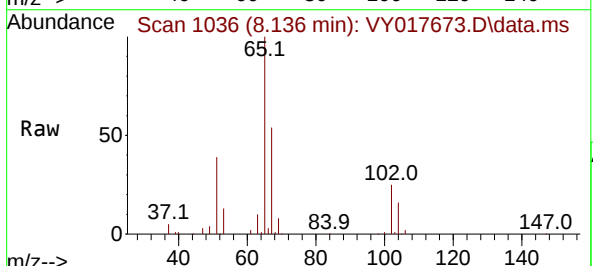
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-2.0-4.5

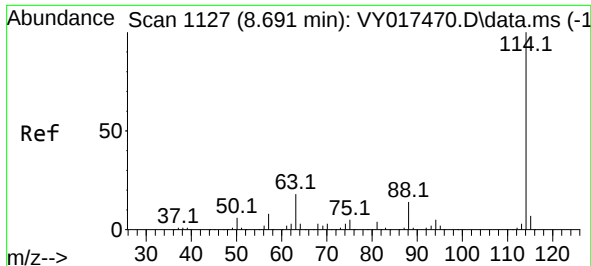
Tgt Ion:168 Resp: 118235
Ion Ratio Lower Upper
168 100
99 45.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.094 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Tgt Ion: 65 Resp: 58374
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017673.D

Acq: 15 Mar 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-2.0-4.5

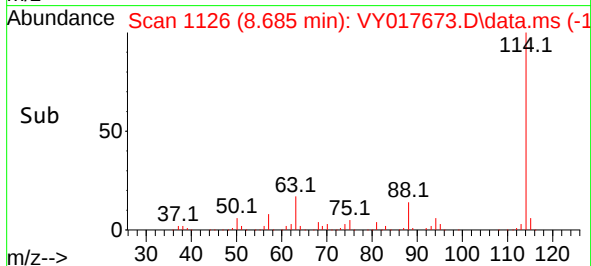
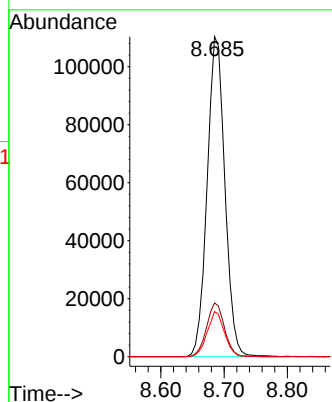
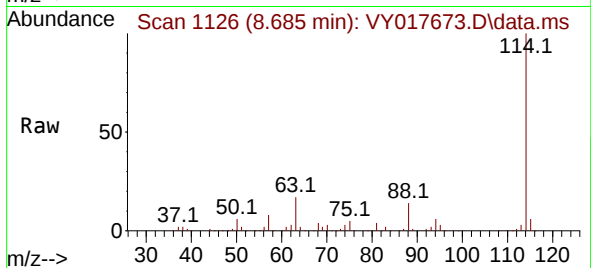
Tgt Ion:114 Resp: 215275

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.095 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017673.D

Acq: 15 Mar 2024 15:23

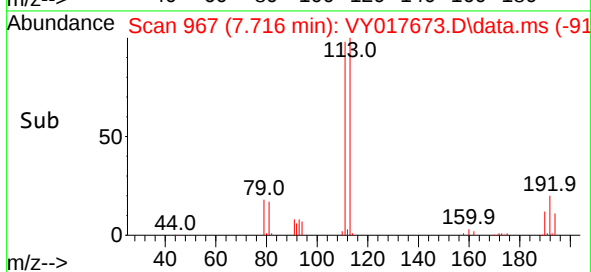
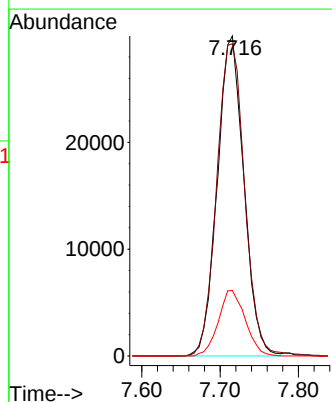
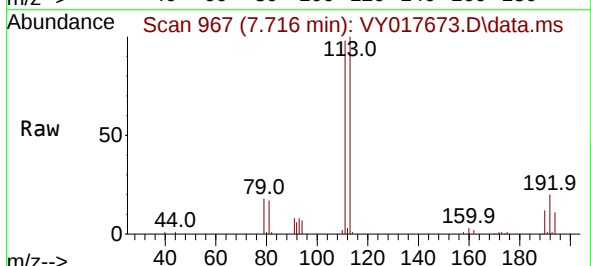
Tgt Ion:113 Resp: 70648

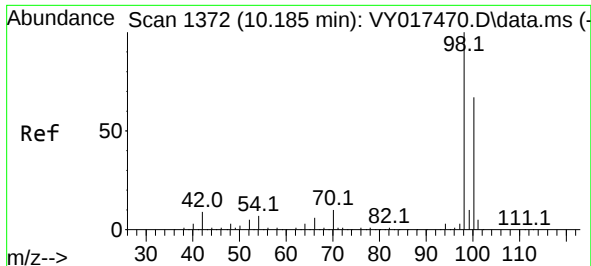
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 20.7 15.9 23.9

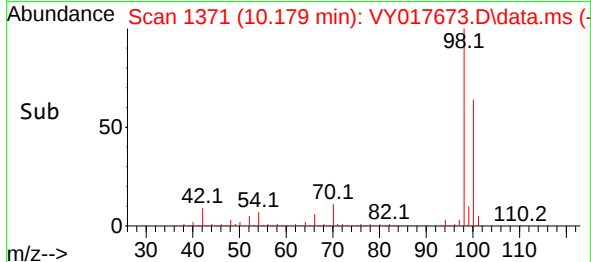
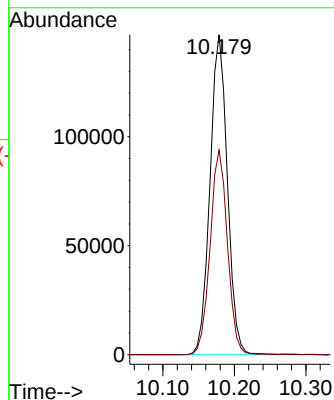
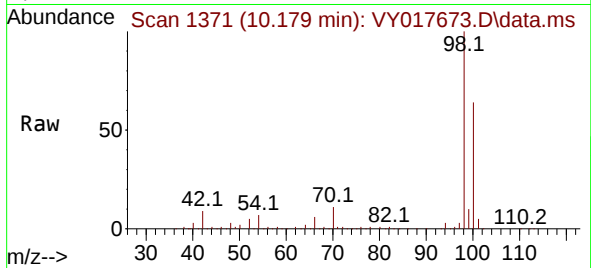




#50
Toluene-d8
Concen: 47.212 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

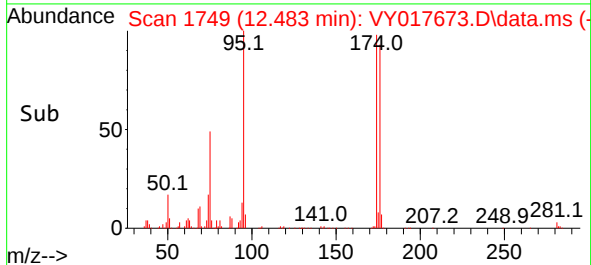
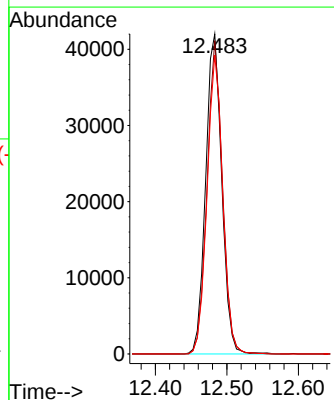
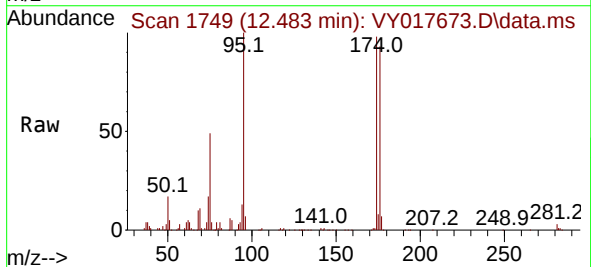
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-2.0-4.5

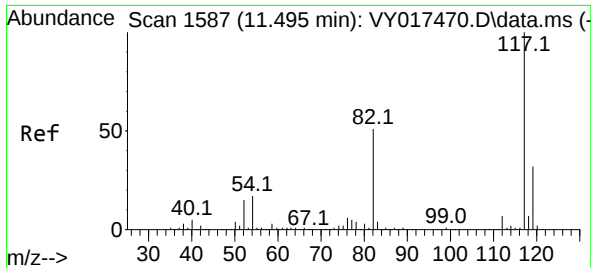
Tgt Ion: 98 Resp: 247622
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Tgt Ion: 95 Resp: 65630
Ion Ratio Lower Upper
95 100
174 94.3 0.0 175.6
176 91.0 0.0 171.4

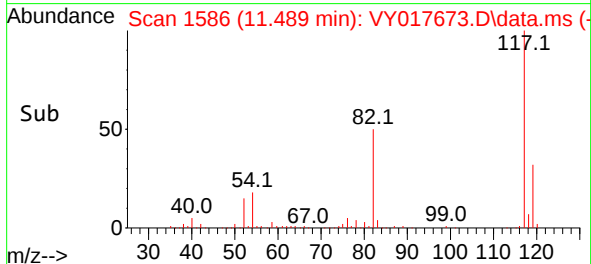
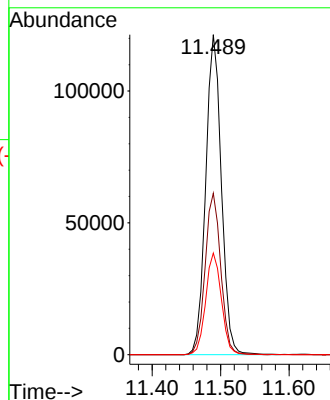
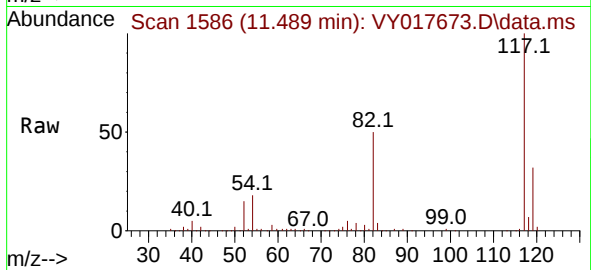




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-2.0-4.5

Tgt Ion:117 Resp: 193289
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017673.D
Acq: 15 Mar 2024 15:23

Tgt Ion:152 Resp: 70505
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 158.3 0.0 345.6

