

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008046.D
 Acq On : 26 Mar 2022 15:16
 Operator : SY/MD
 Sample : N2095-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-2.0-3.0

Quant Time: Mar 28 09:29:13 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	876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	286	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	805	91.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.180%#	
35) Dibromofluoromethane	7.722	113	601	48.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.960%	
50) Toluene-d8	10.179	98	2052	44.390	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.780%	
62) 4-Bromofluorobenzene	12.477	95	483	29.616	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 59.240%	

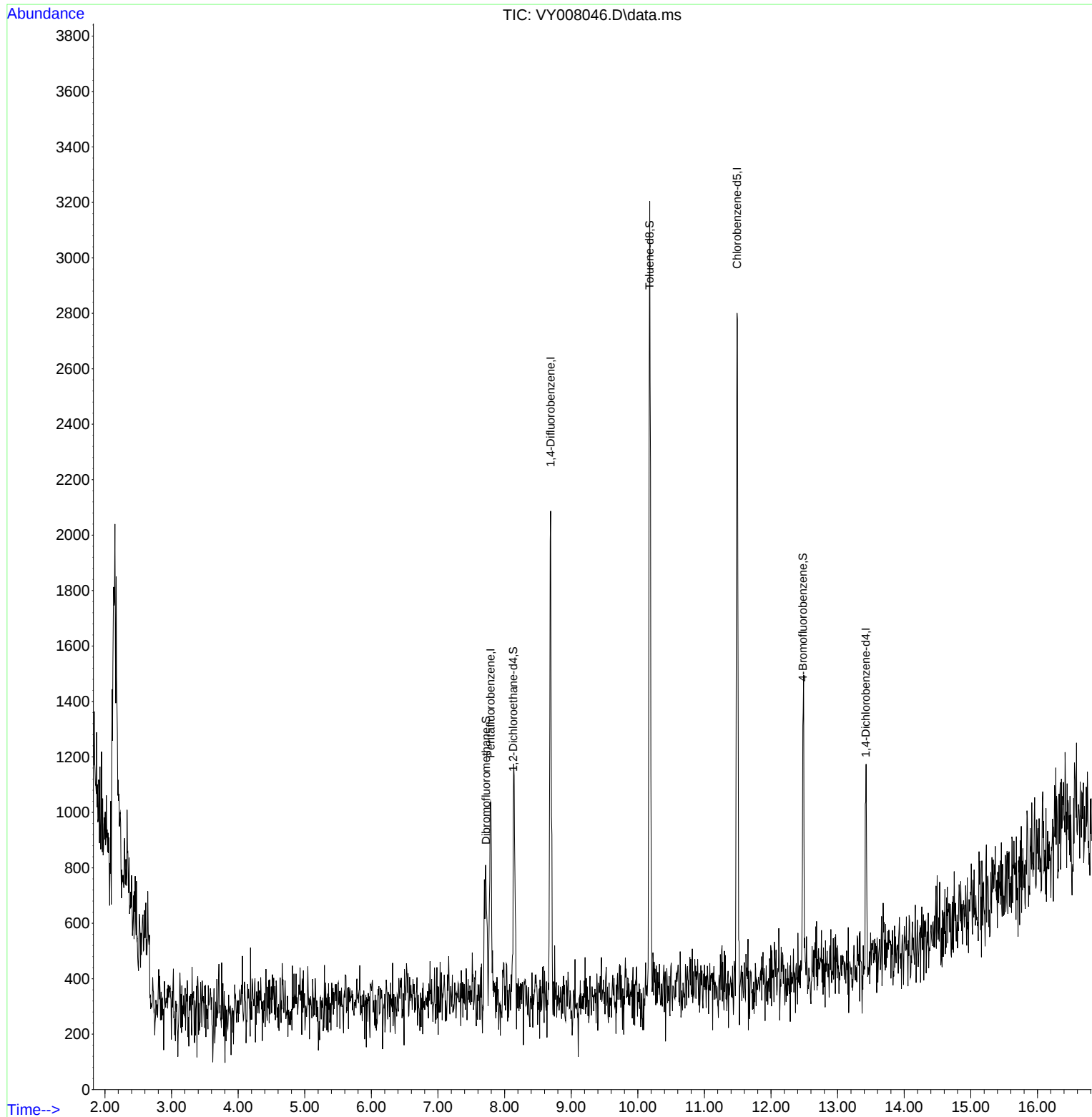
Target Compounds Qvalue

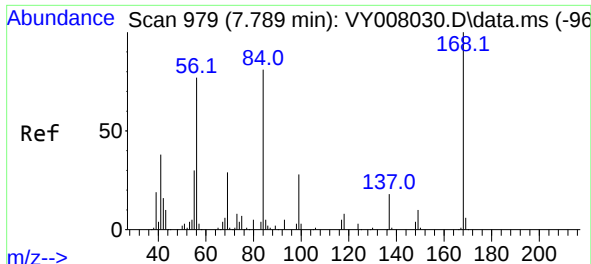
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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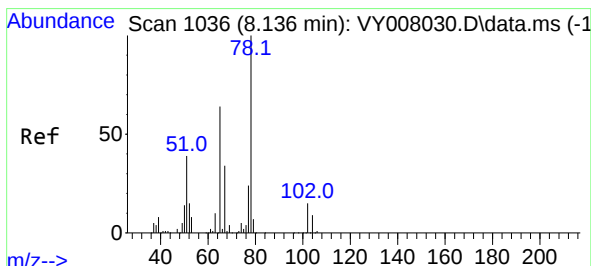
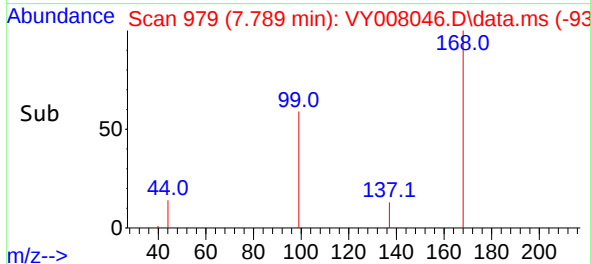
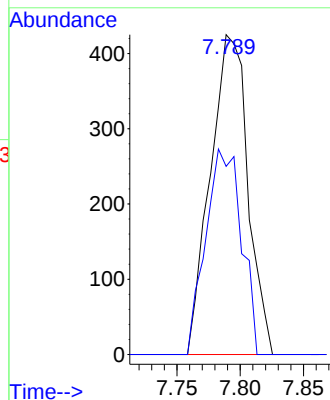
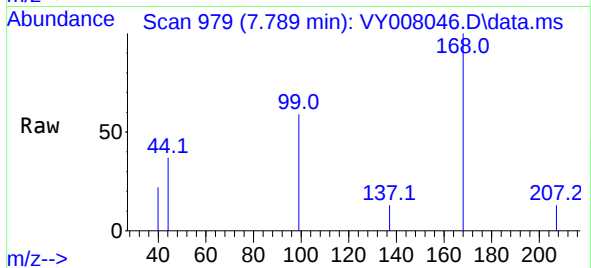




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

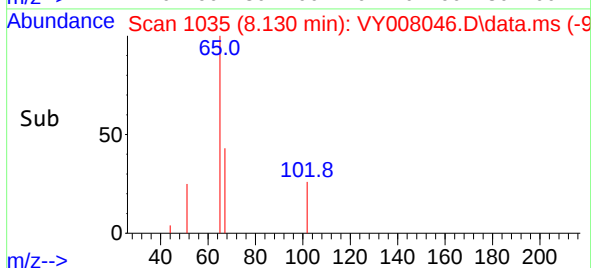
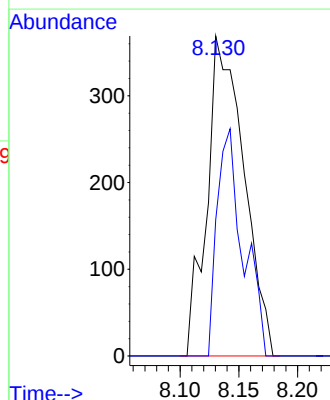
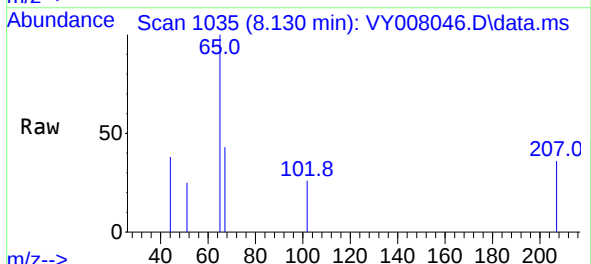
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

Tgt Ion:168 Resp: 876
Ion Ratio Lower Upper
168 100
99 58.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 91.593 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

Tgt Ion: 65 Resp: 805
Ion Ratio Lower Upper
65 100
67 49.9 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: VY008046.D

Acq: 26 Mar 2022 15:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-2.0-3.0

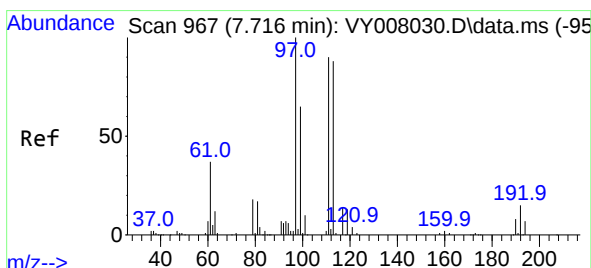
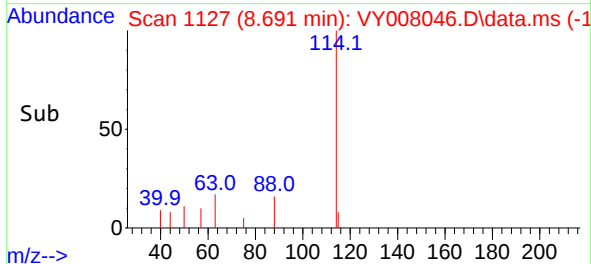
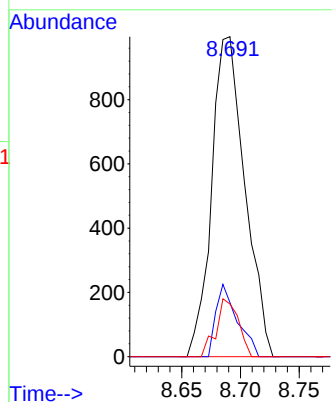
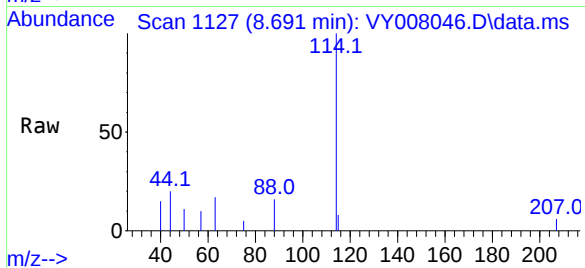
Tgt Ion:114 Resp: 1957

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 16.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.982 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008046.D

Acq: 26 Mar 2022 15:16

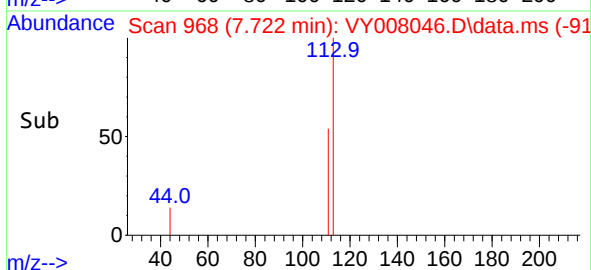
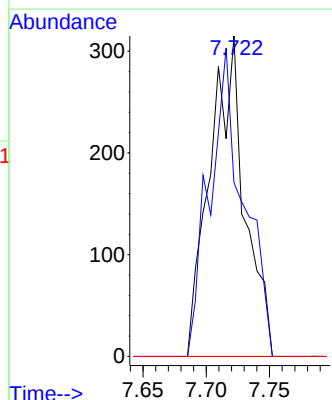
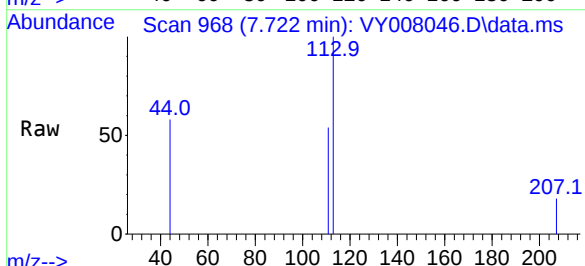
Tgt Ion:113 Resp: 601

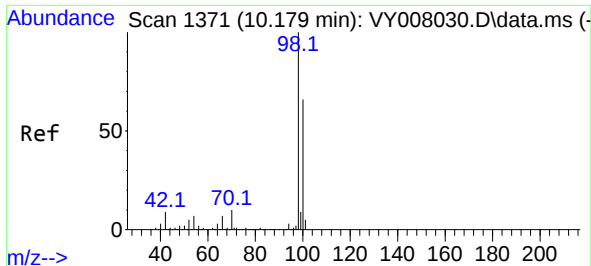
Ion Ratio Lower Upper

113 100

111 94.5 82.6 124.0

192 0.0 17.6 26.4#

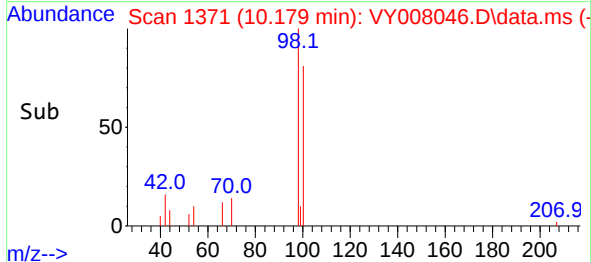
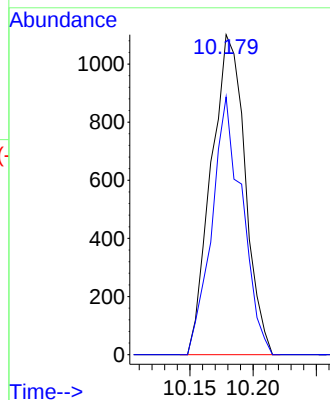
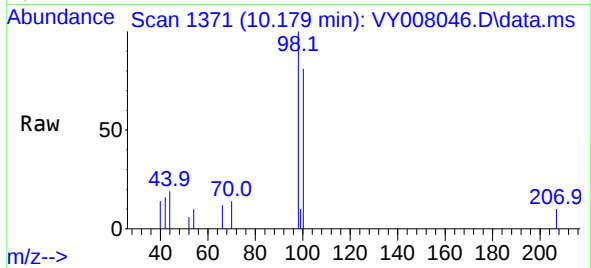




#50
Toluene-d8
Concen: 44.390 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

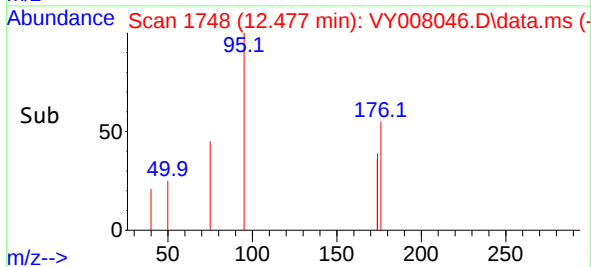
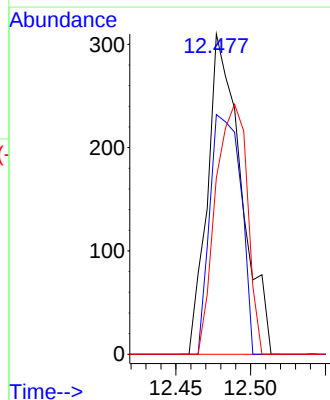
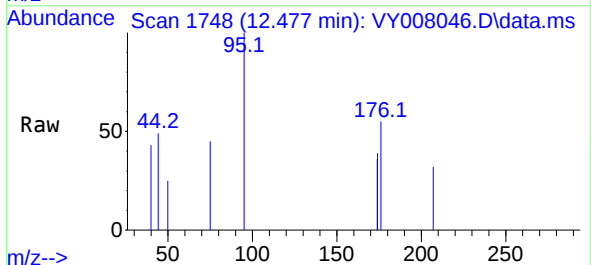
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

Tgt Ion: 98 Resp: 2052
Ion Ratio Lower Upper
98 100
100 72.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.616 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

Tgt Ion: 95 Resp: 483
Ion Ratio Lower Upper
95 100
174 69.2 0.0 177.0
176 73.7 0.0 175.8

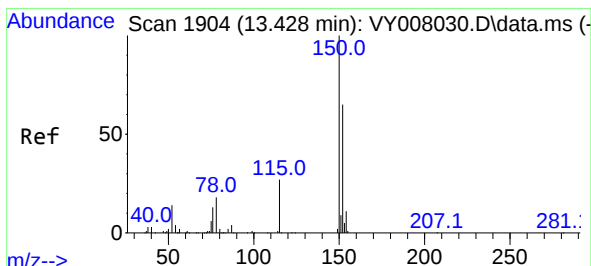
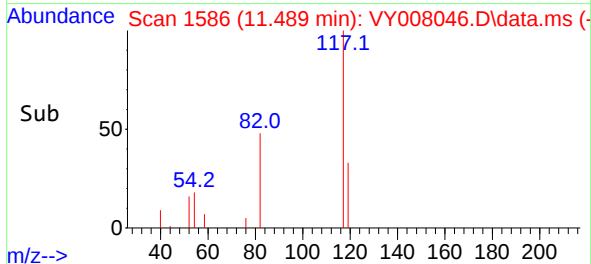
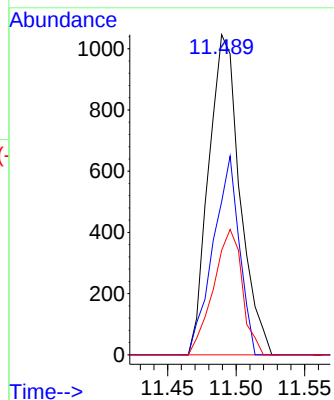
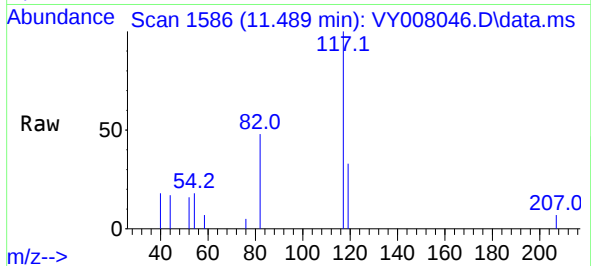




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

Tgt Ion:117	Resp:	1659
Ion Ratio	Lower	Upper
117	100	
82	47.8	43.0 64.4
119	32.6	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

Tgt Ion:152	Resp:	286
Ion Ratio	Lower	Upper
152	100	
115	15.4	28.2 84.7#
150	108.7	0.0 347.6

