

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009056.D
 Acq On : 24 May 2022 13:00
 Operator : KP/MD
 Sample : N2982-08
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-8

Quant Time: May 25 02:51:19 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	7.783	168	2235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2253	97.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	195.900%#
35) Dibromofluoromethane	7.710	113	1765	66.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.720%
50) Toluene-d8	10.179	98	4814	49.434	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.477	95	1446	36.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.620%

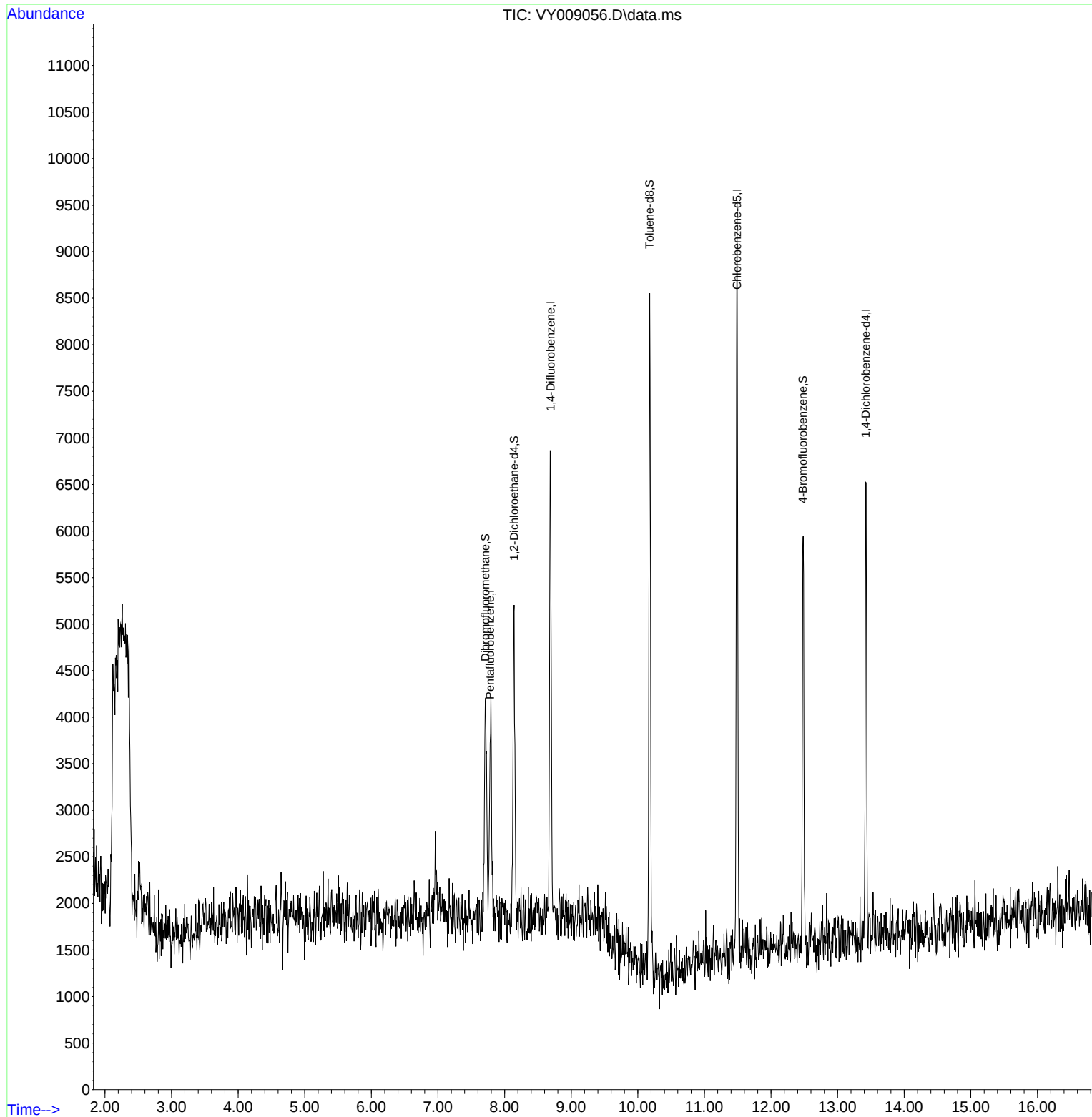
Target Compounds	Qvalue

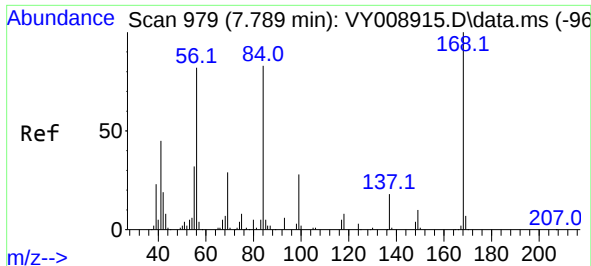
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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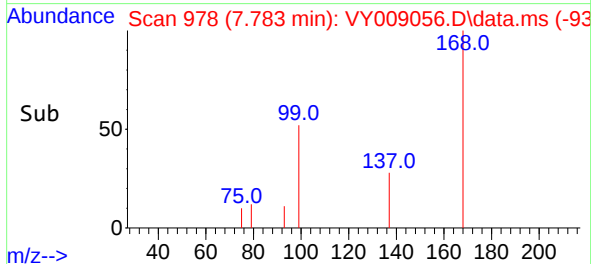
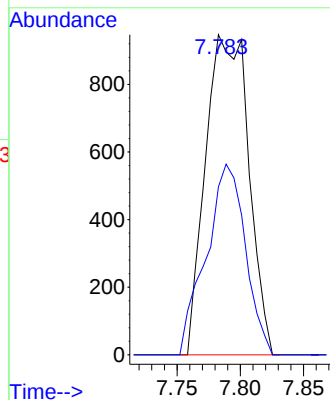
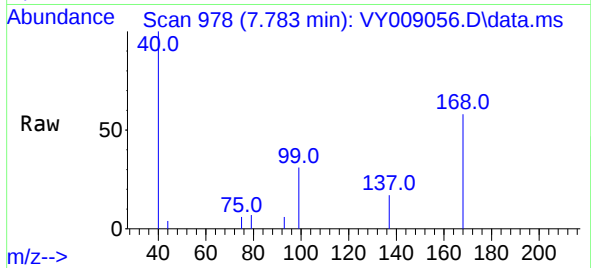




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009056.D
Acq: 24 May 2022 13:00

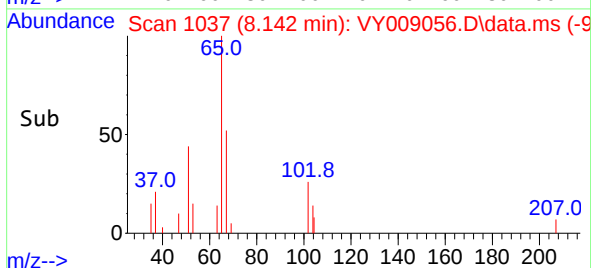
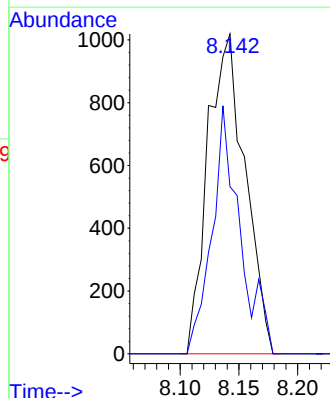
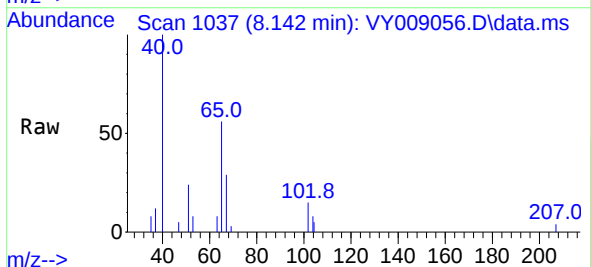
Instrument :
MSVOA_Y
ClientSampleId :
P-8

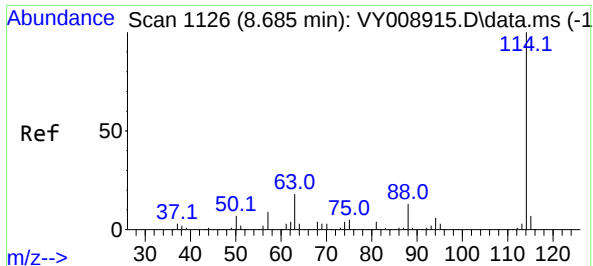
Tgt Ion:168 Resp: 2235
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 97.947 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009056.D
Acq: 24 May 2022 13:00

Tgt Ion: 65 Resp: 2253
Ion Ratio Lower Upper
65 100
67 58.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009056.D

Acq: 24 May 2022 13:00

Instrument :

MSVOA_Y

ClientSampleId :

P-8

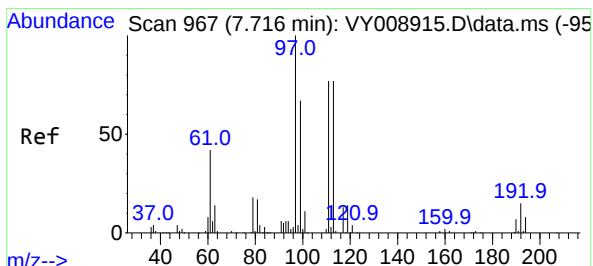
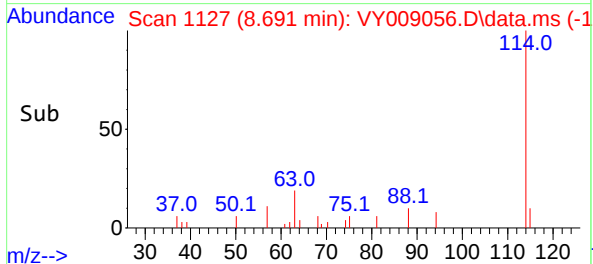
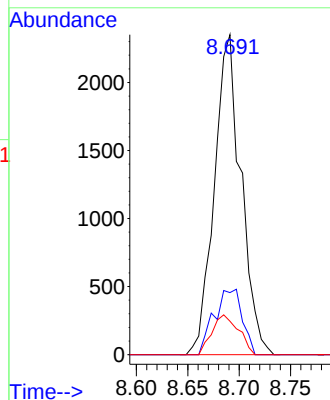
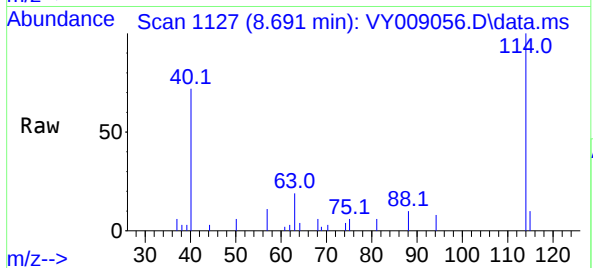
Tgt Ion:114 Resp: 4245

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 10.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 66.863 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY009056.D

Acq: 24 May 2022 13:00

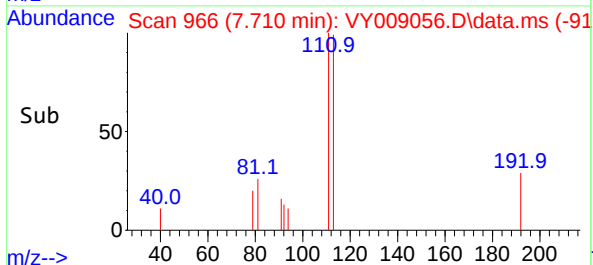
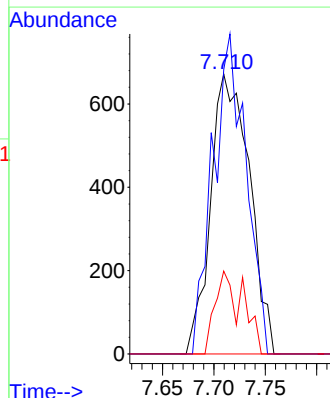
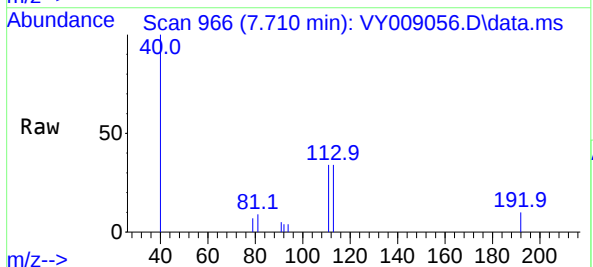
Tgt Ion:113 Resp: 1765

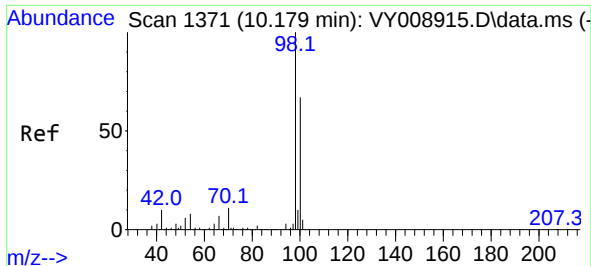
Ion Ratio Lower Upper

113 100

111 97.7 82.6 124.0

192 13.8 17.6 26.4#

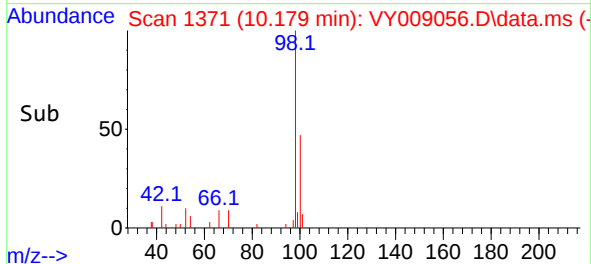
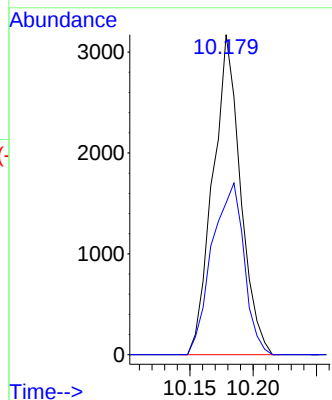
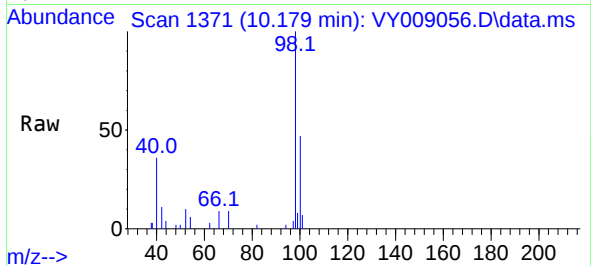




#50
Toluene-d8
Concen: 49.434 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009056.D
Acq: 24 May 2022 13:00

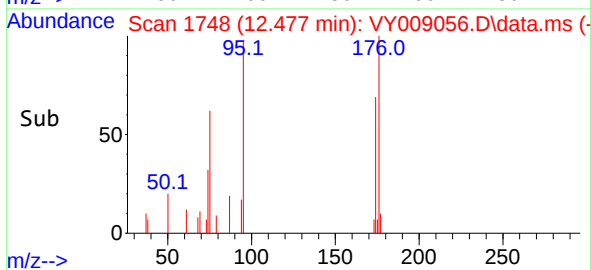
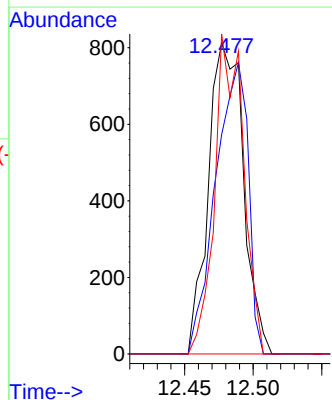
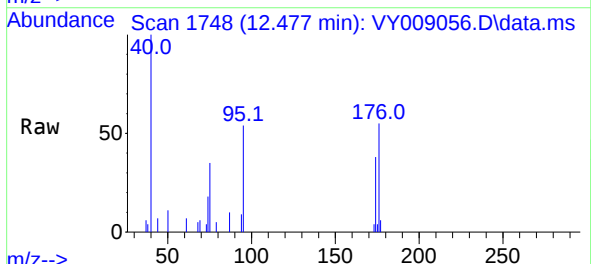
Instrument :
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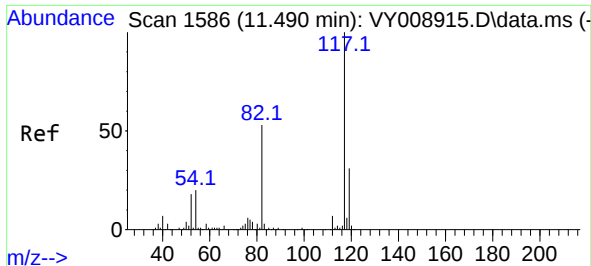
Tgt Ion: 98 Resp: 4814
Ion Ratio Lower Upper
98 100
100 62.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.810 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009056.D
Acq: 24 May 2022 13:00

Tgt Ion: 95 Resp: 1446
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 84.1 0.0 175.8

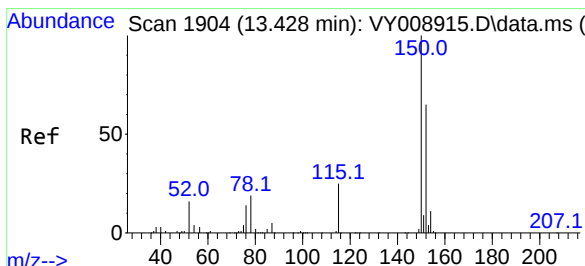
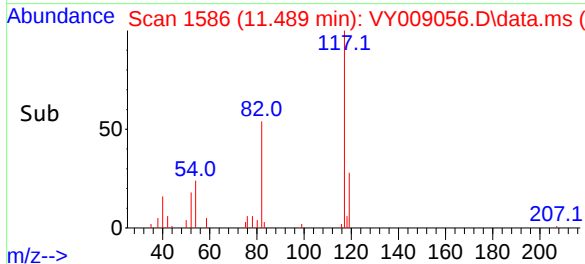
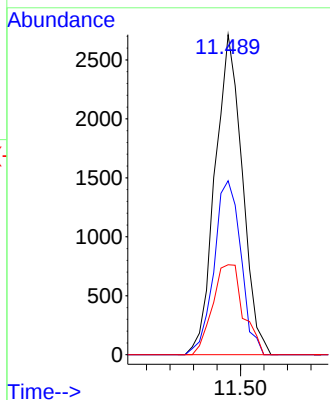
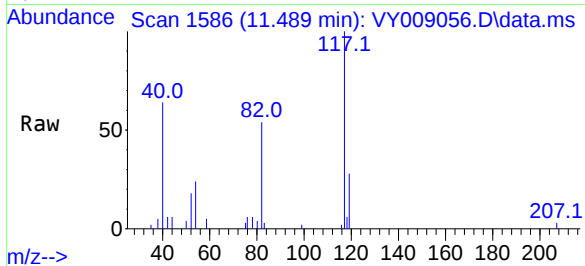




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009056.D
Acq: 24 May 2022 13:00

Instrument :
MSVOA_Y
ClientSampleId :
P-8

Tgt Ion:	117	Resp:	4376
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.4
119	28.1	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: VY009056.D
Acq: 24 May 2022 13:00

Tgt Ion:	152	Resp:	1404
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	152.2	0.0	347.6

