

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040722\
 Data File : VY008246.D
 Acq On : 07 Apr 2022 15:01
 Operator : KP/MD
 Sample : N2281-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-040622RE

Quant Time: Apr 08 02:35:24 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	36032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	61762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	52444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20910	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	17266	47.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.520%
35) Dibromofluoromethane	7.722	113	18287	47.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.179	98	71013	48.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.483	95	20570	39.965	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.920%

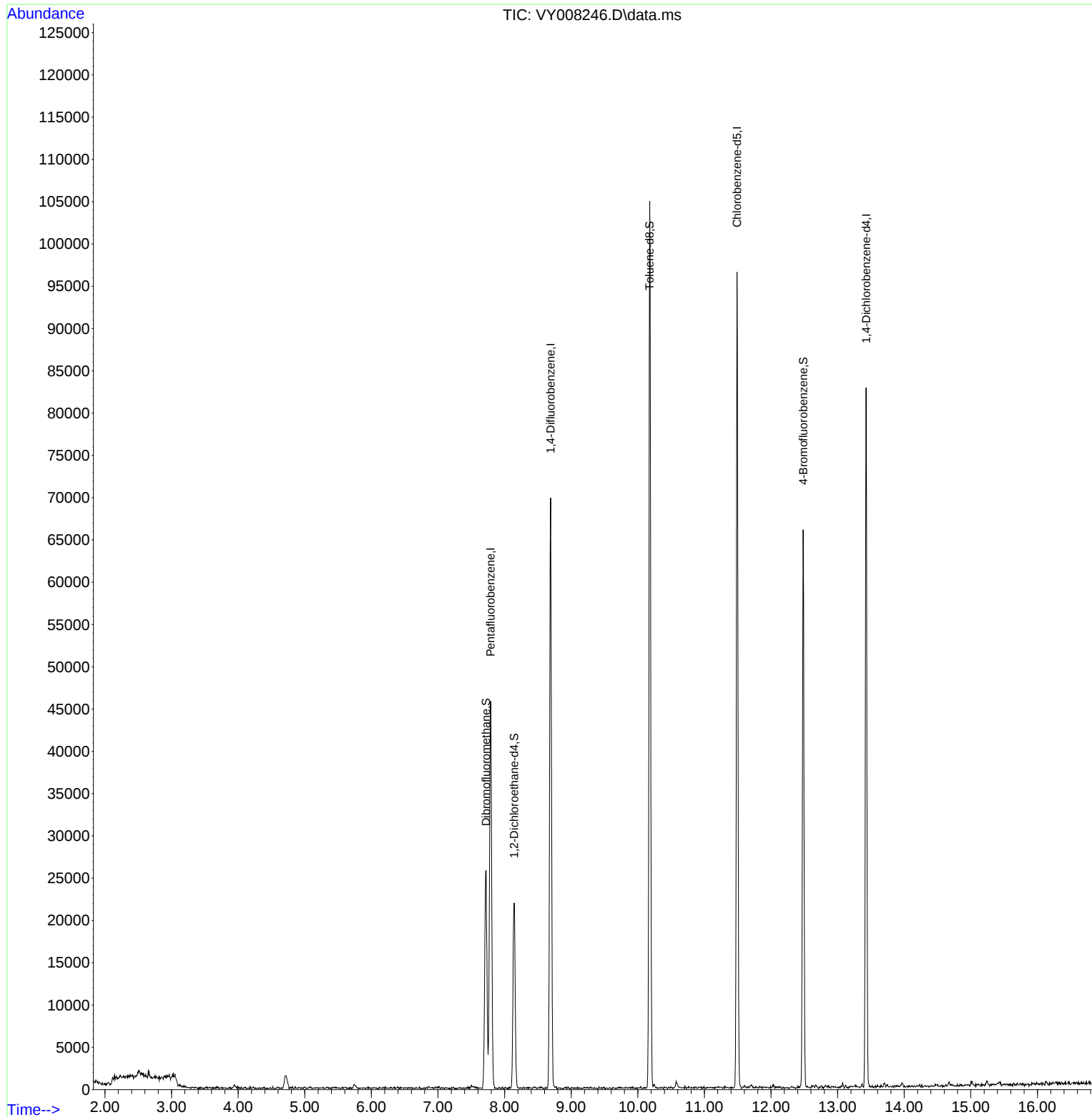
Target Compounds	Qvalue

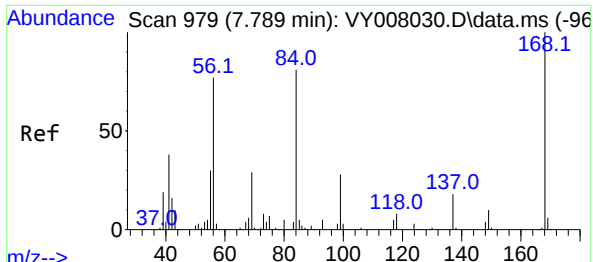
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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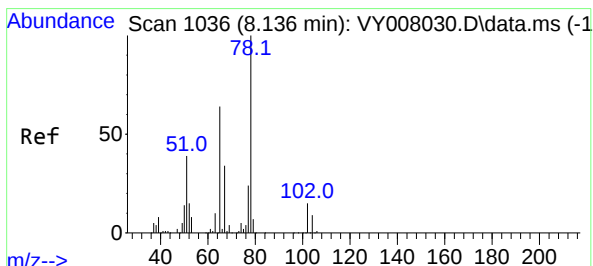
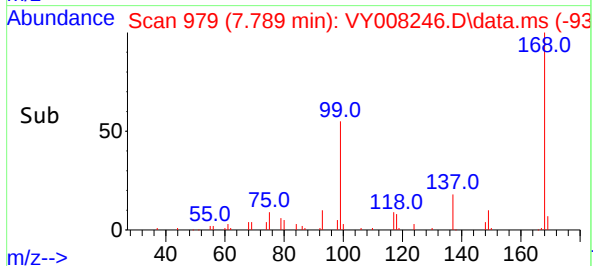
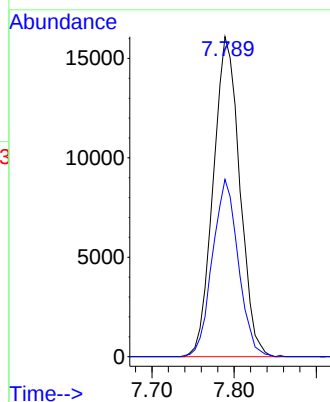
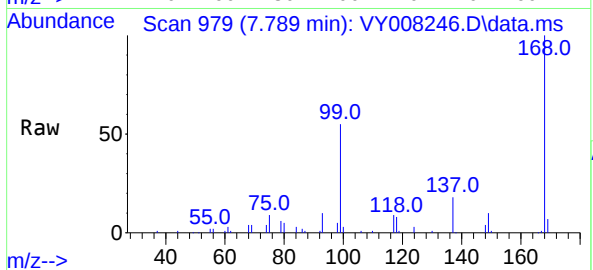




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

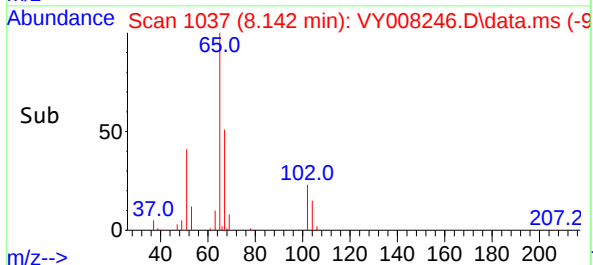
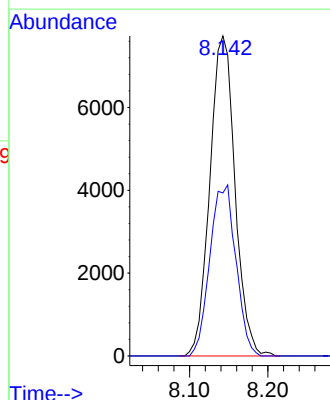
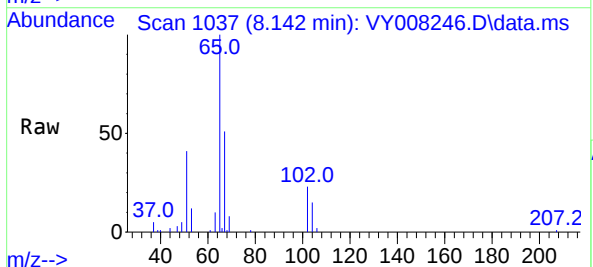
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622RE

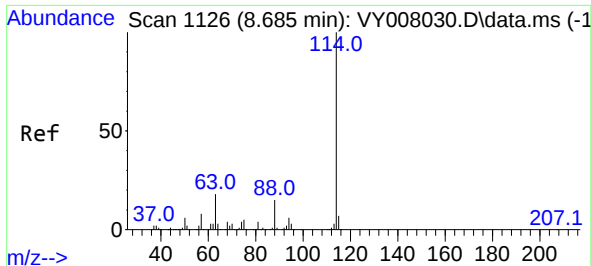
Tgt Ion:168 Resp: 36032
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.761 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

Tgt Ion: 65 Resp: 17266
Ion Ratio Lower Upper
65 100
67 55.2 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: VY008246.D

Acq: 07 Apr 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-040622RE

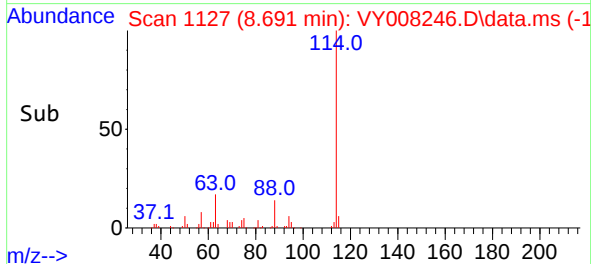
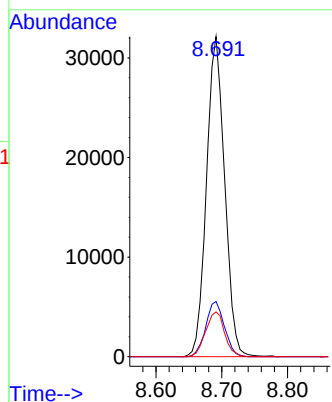
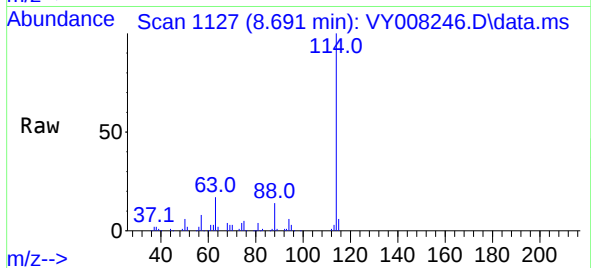
Tgt Ion:114 Resp: 61762

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.225 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008246.D

Acq: 07 Apr 2022 15:01

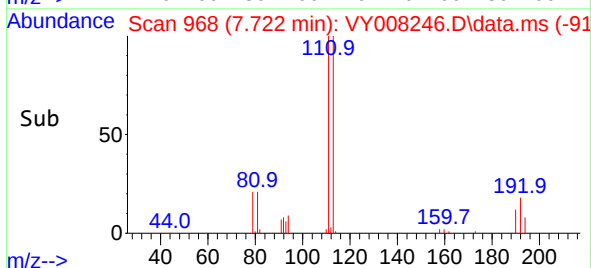
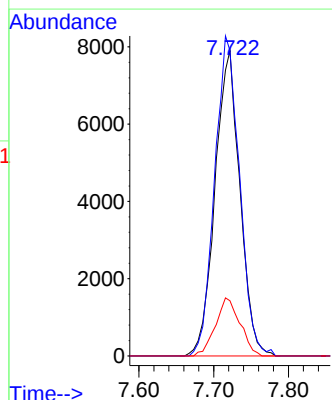
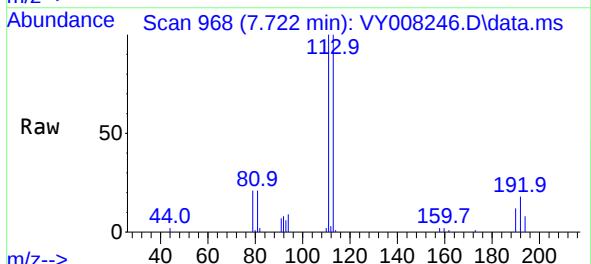
Tgt Ion:113 Resp: 18287

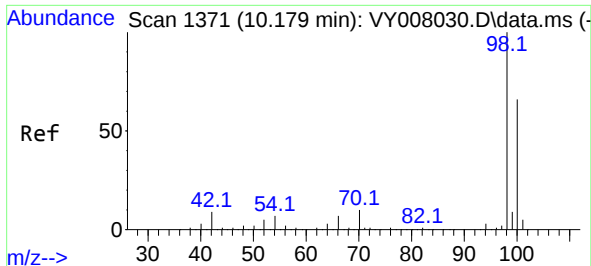
Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

192 18.8 17.6 26.4

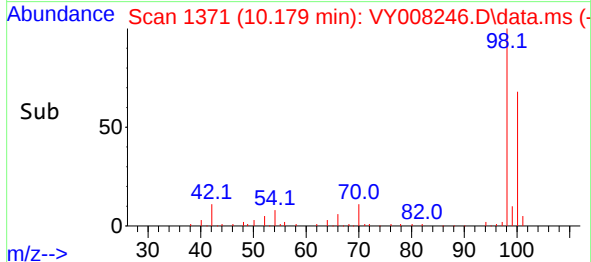
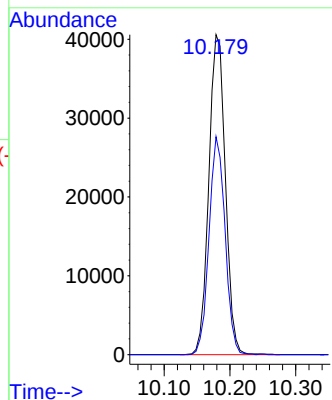
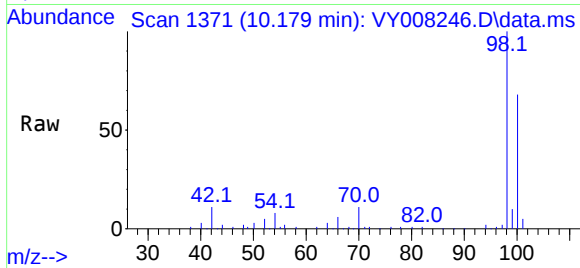




#50
Toluene-d8
Concen: 48.676 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

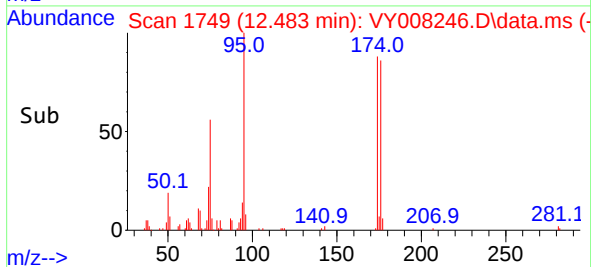
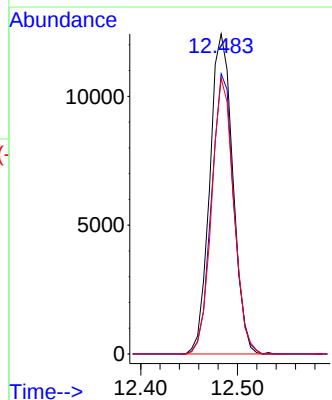
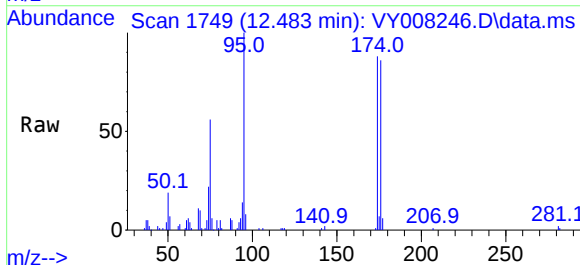
Instrument :
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ClientSampleId :
TR-05-040622RE

Tgt Ion: 98 Resp: 71013
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.965 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

Tgt Ion: 95 Resp: 20570
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 82.5 0.0 175.8

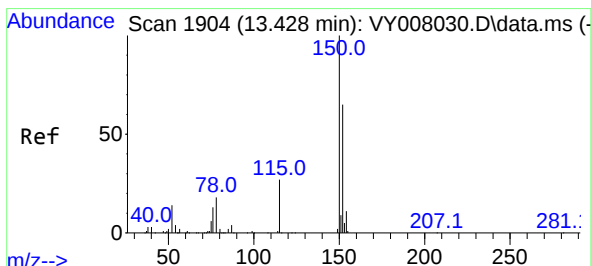
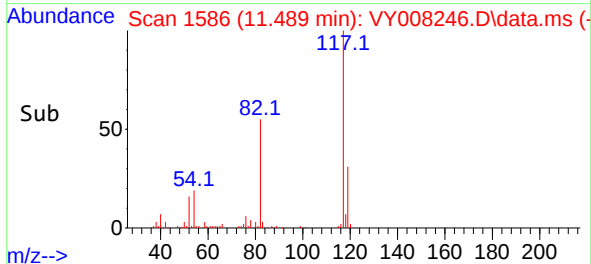
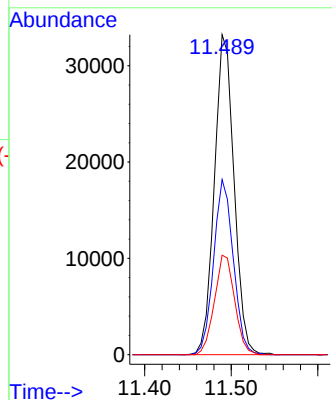
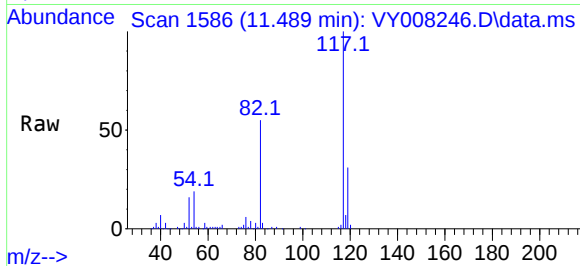




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622RE

Tgt Ion:	117	Resp:	52444
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.0	64.4
119	31.1	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: VY008246.D
Acq: 07 Apr 2022 15:01

Tgt Ion:	152	Resp:	20910
Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.2	84.7
150	158.7	0.0	347.6

