

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009057.D
 Acq On : 24 May 2022 13:24
 Operator : KP/MD
 Sample : N2982-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-10

Quant Time: May 25 02:51:34 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	7.789	168	27573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	44098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	37436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12904	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	14974	52.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.540%
35) Dibromofluoromethane	7.716	113	14475	52.786	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.580%
50) Toluene-d8	10.179	98	52632	52.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.483	95	11681	28.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.240%

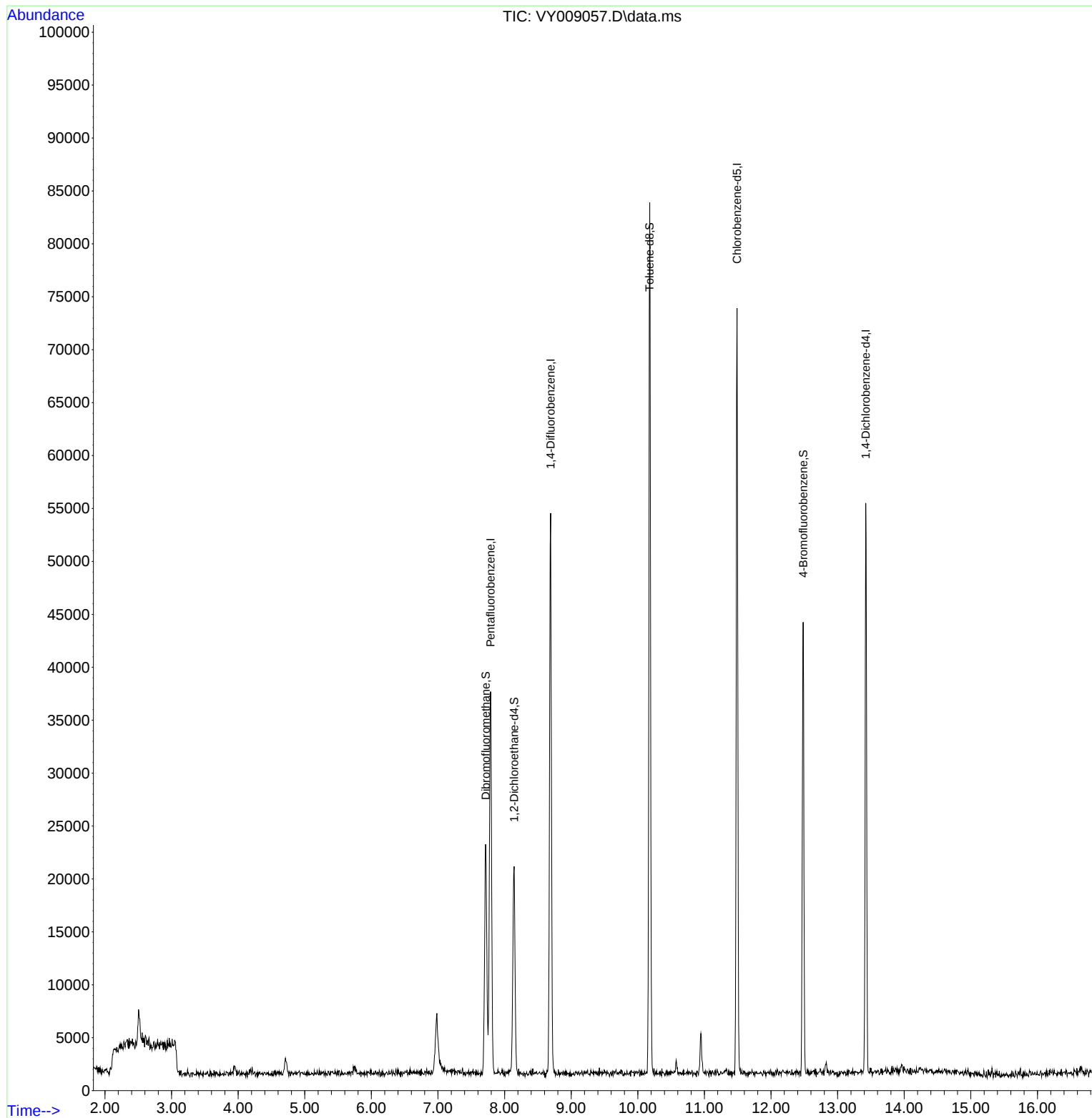
Target Compounds	Qvalue

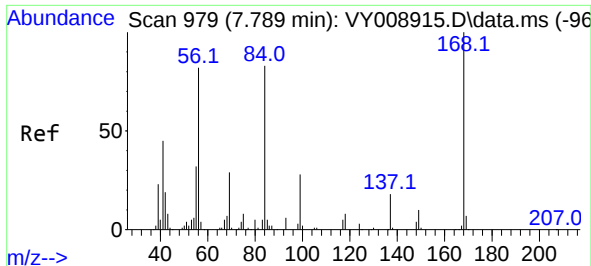
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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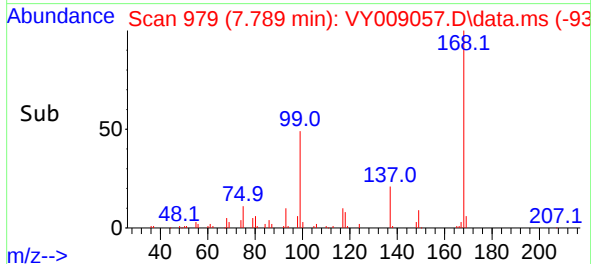
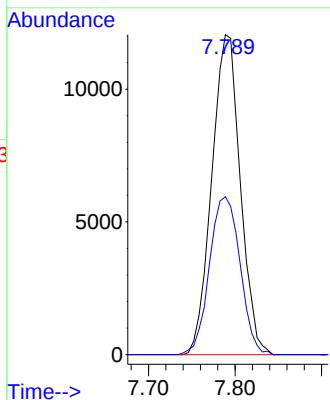
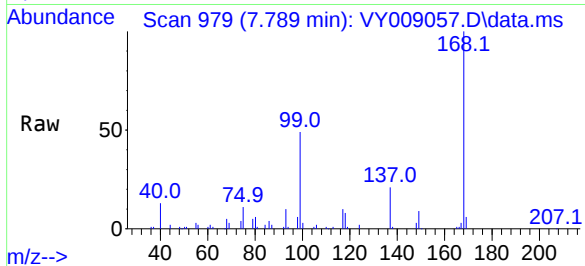




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

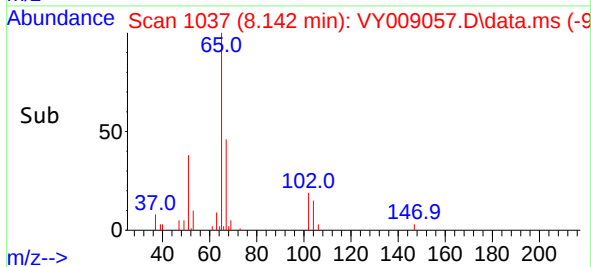
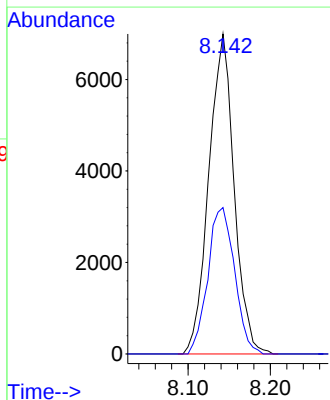
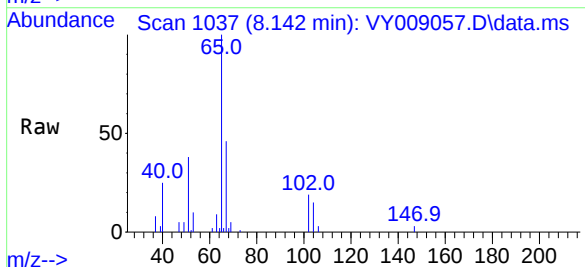
Instrument :
MSVOA_Y
ClientSampleId :
P-10

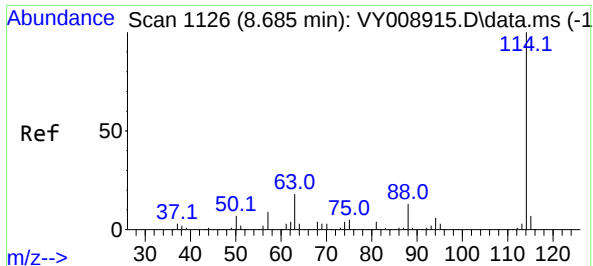
Tgt Ion:168 Resp: 27573
Ion Ratio Lower Upper
168 100
99 49.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.767 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

Tgt Ion: 65 Resp: 14974
Ion Ratio Lower Upper
65 100
67 48.4 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: VY009057.D

Acq: 24 May 2022 13:24

Instrument :

MSVOA_Y

ClientSampleId :

P-10

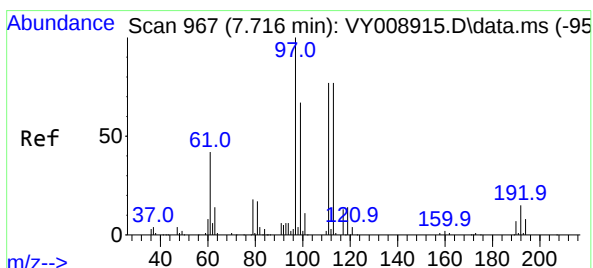
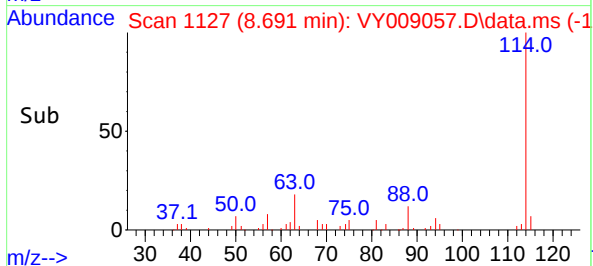
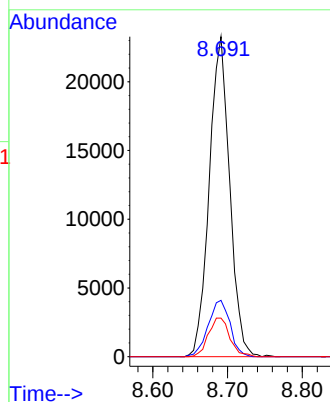
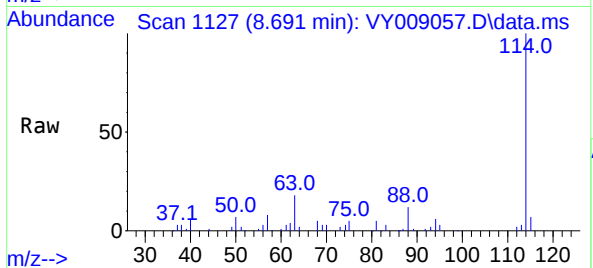
Tgt Ion:114 Resp: 44098

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 12.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.786 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009057.D

Acq: 24 May 2022 13:24

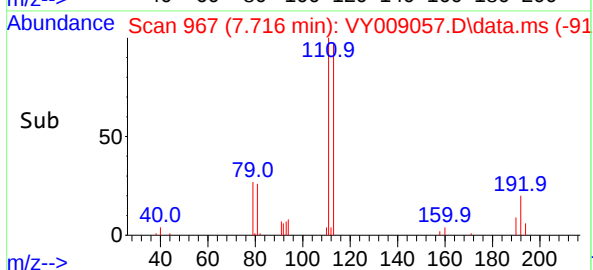
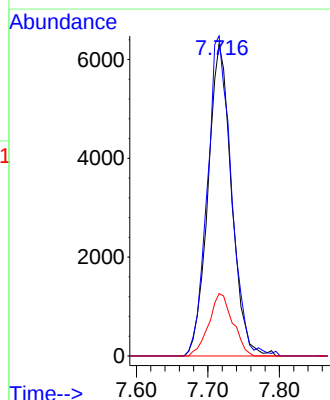
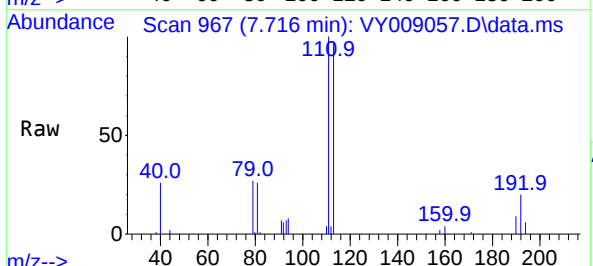
Tgt Ion:113 Resp: 14475

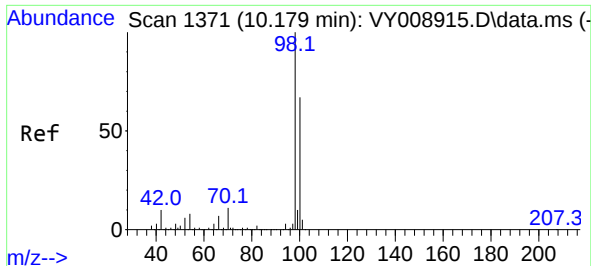
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 20.3 17.6 26.4

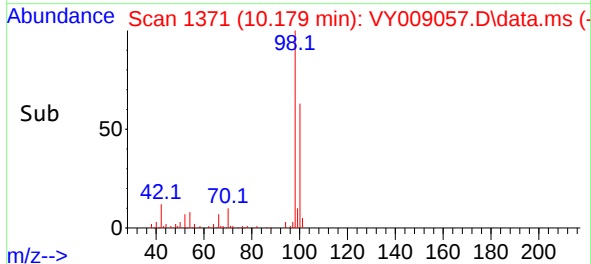
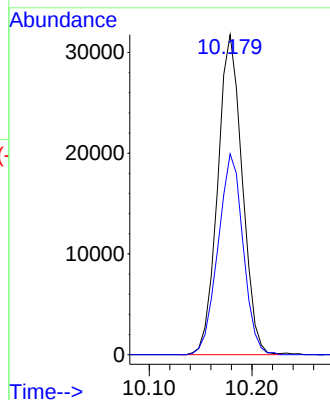
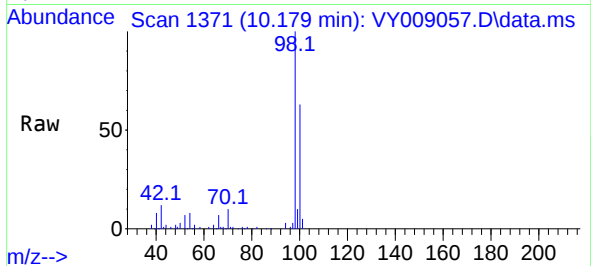




#50
Toluene-d8
Concen: 52.027 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

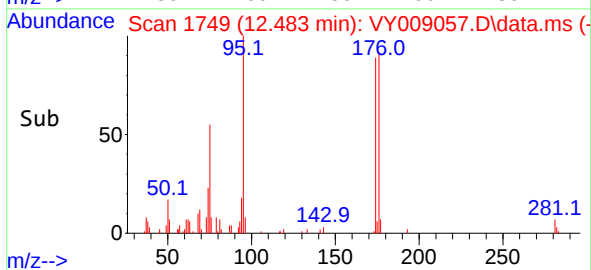
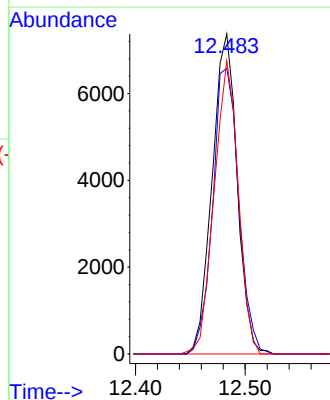
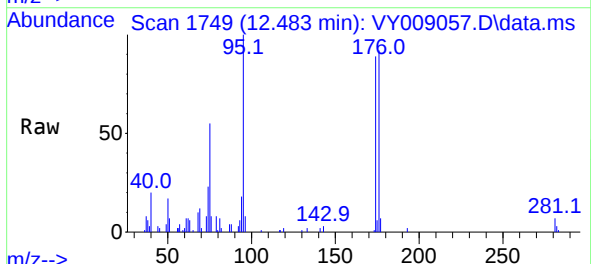
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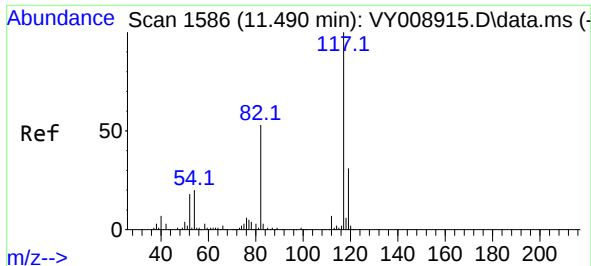
Tgt Ion: 98 Resp: 52632
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

Tgt Ion: 95 Resp: 11681
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.0
176 88.2 0.0 175.8

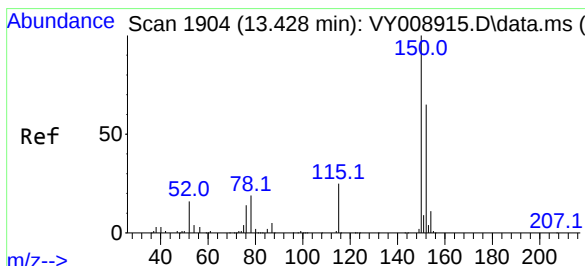
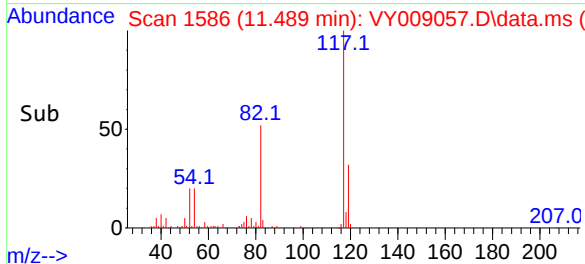
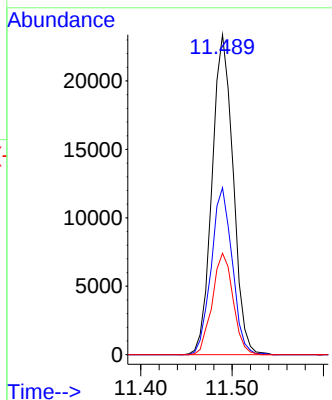
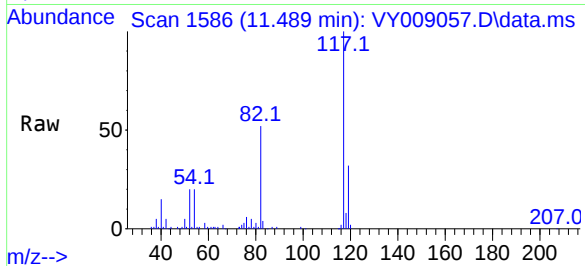




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009057.D
Acq: 24 May 2022 13:24

Instrument :
MSVOA_Y
ClientSampleId :
P-10

Tgt Ion:	117	Resp:	37436
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.0	64.4
119	31.7	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: VY009057.D
Acq: 24 May 2022 13:24

Tgt Ion:	152	Resp:	12904
Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.7
150	161.1	0.0	347.6

