

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009089.D
 Acq On : 25 May 2022 14:56
 Operator : KP/MD
 Sample : N2981-17
 Misc : 3.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(0.5-1)

Quant Time: May 26 04:28:52 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	55318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	103183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	99964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42487	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	39808	69.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.840%
35) Dibromofluoromethane	7.716	113	35445	55.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.179	98	127763	53.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.940%
62) 4-Bromofluorobenzene	12.483	95	37109	38.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.720%

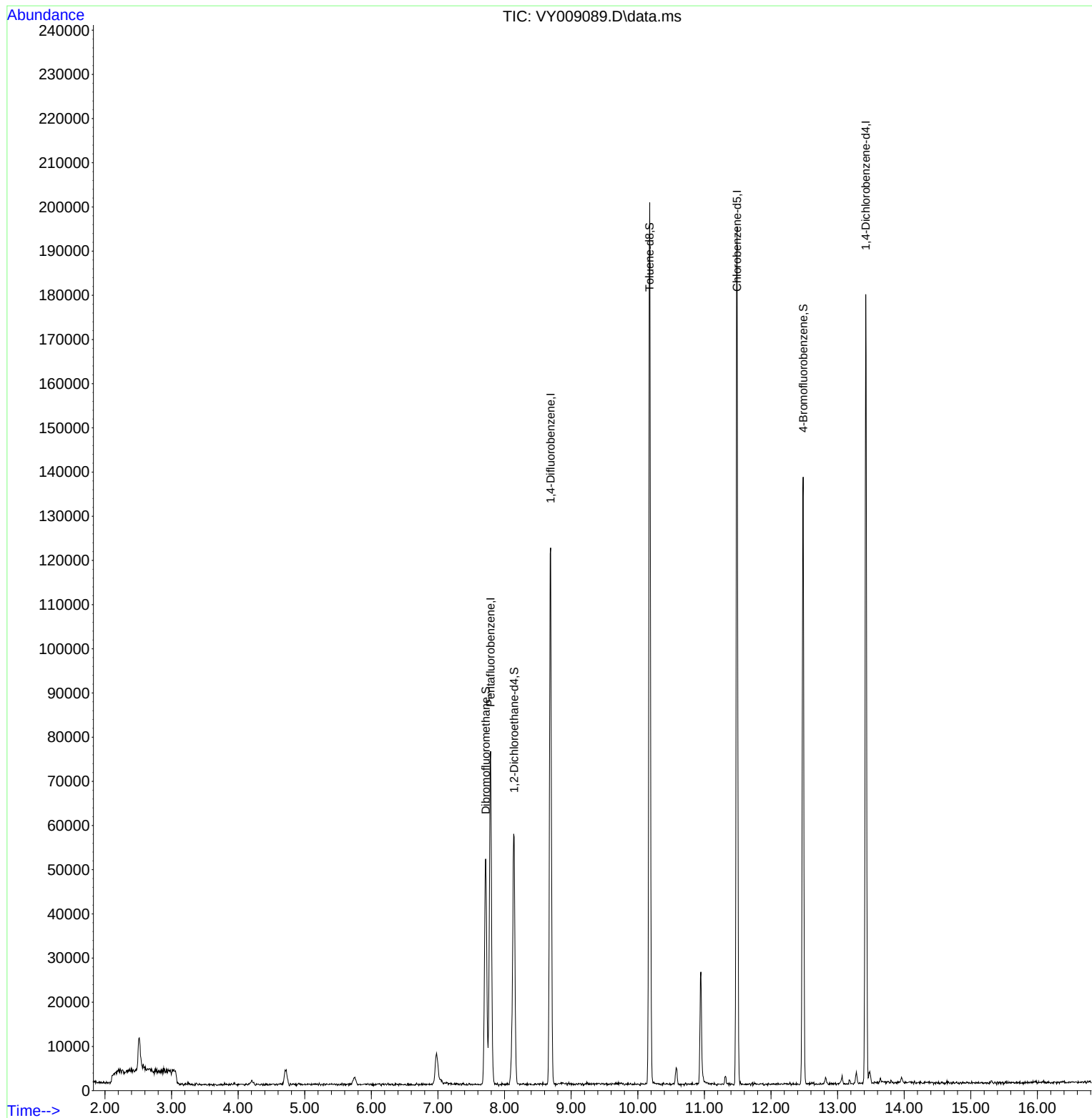
Target Compounds	Qvalue

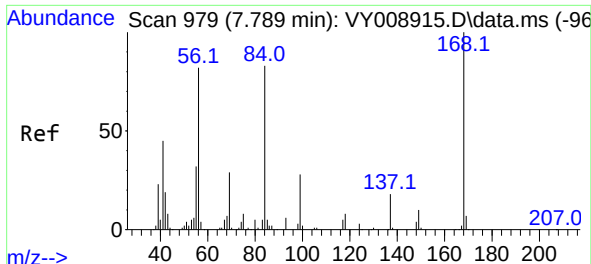
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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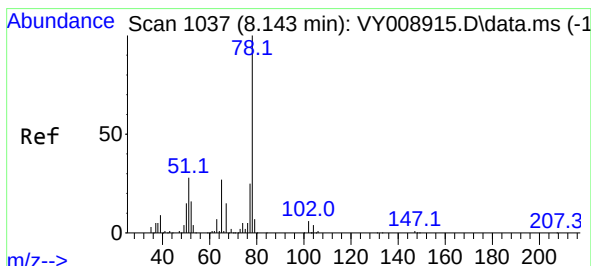
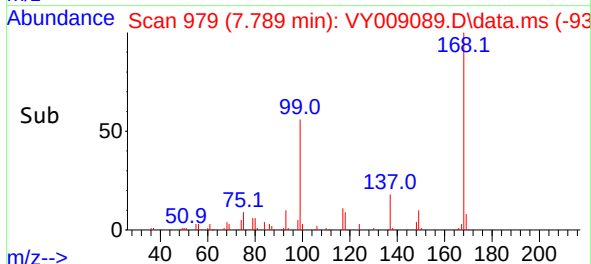
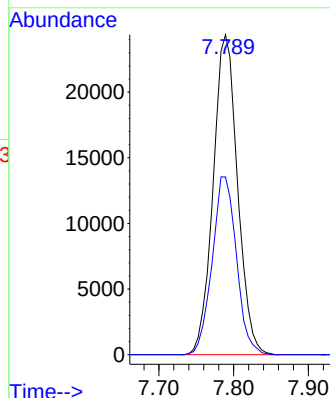
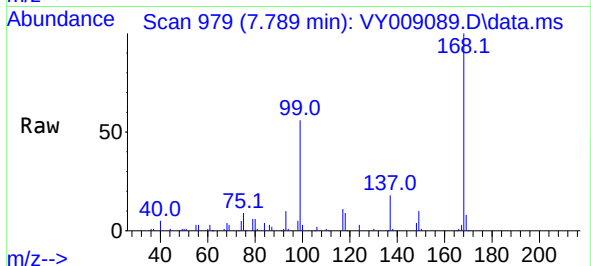




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

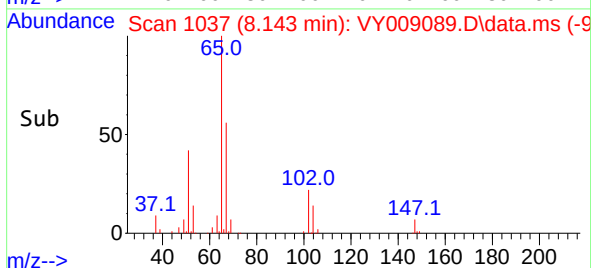
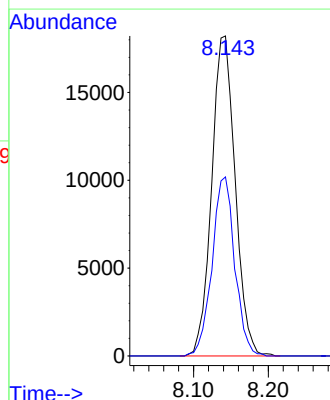
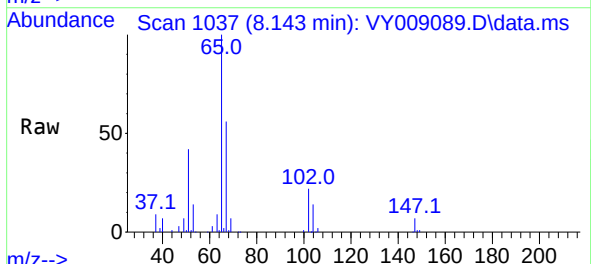
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(0.5-1)

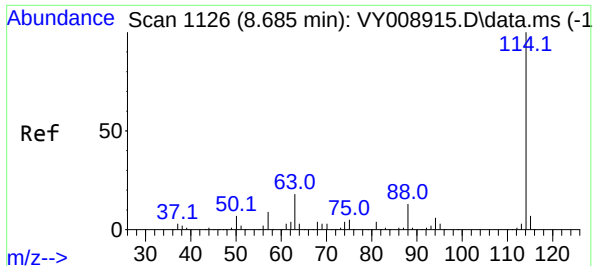
Tgt Ion:168 Resp: 55318
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.922 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

Tgt Ion: 65 Resp: 39808
Ion Ratio Lower Upper
65 100
67 54.0 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: VY009089.D

Acq: 25 May 2022 14:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-7(0.5-1)

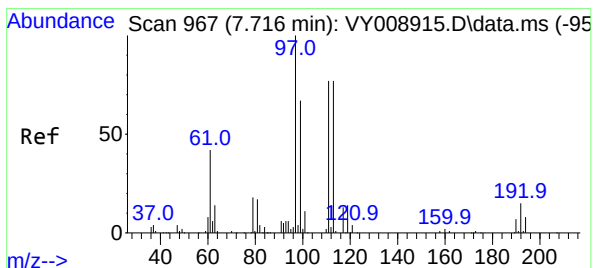
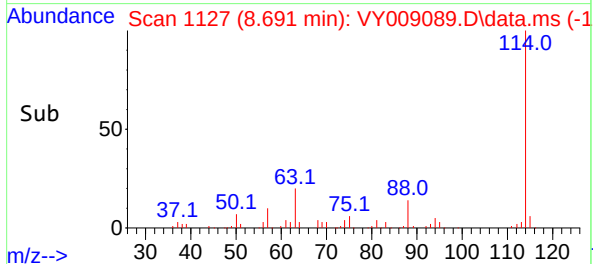
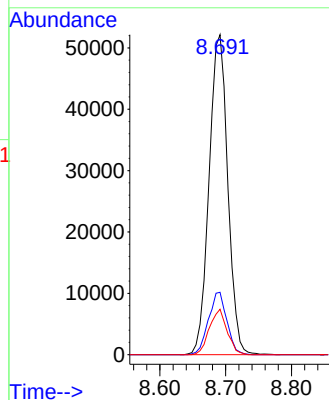
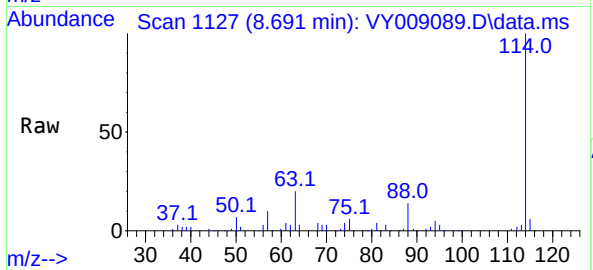
Tgt Ion:114 Resp: 103183

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.242 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009089.D

Acq: 25 May 2022 14:56

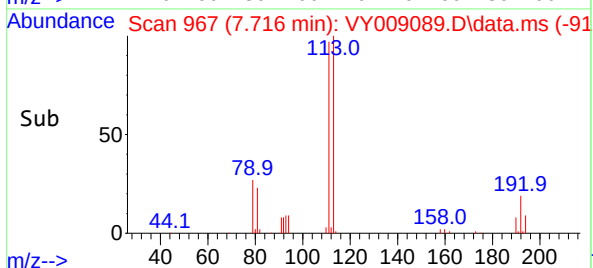
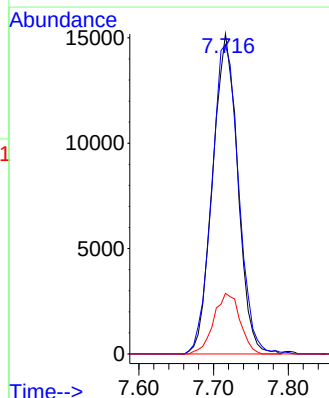
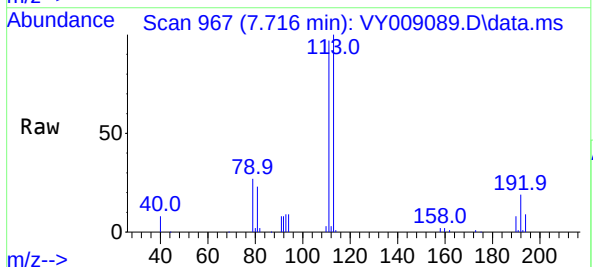
Tgt Ion:113 Resp: 35445

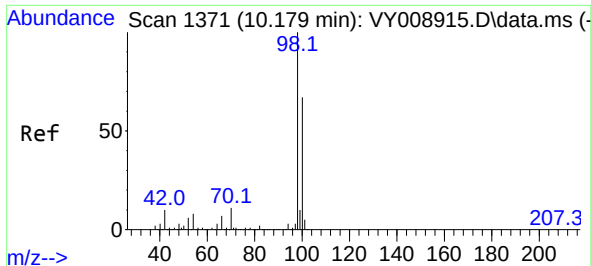
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.7 17.6 26.4

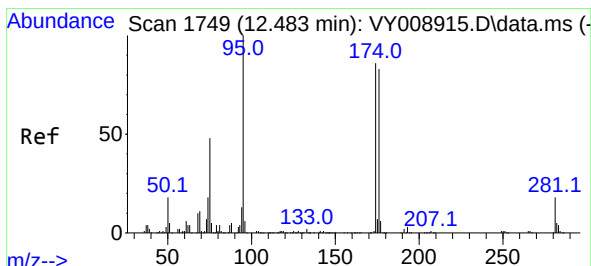
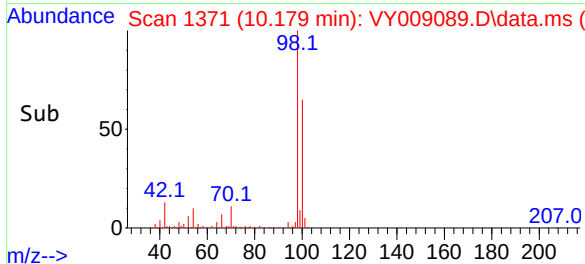
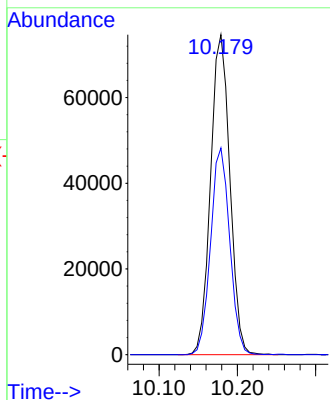
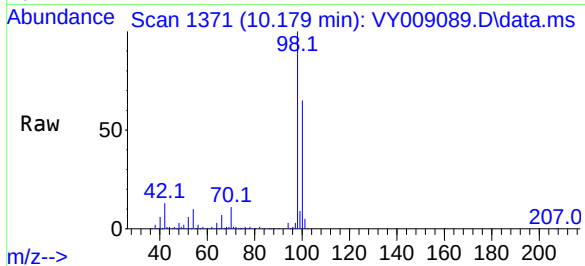




#50
Toluene-d8
Concen: 53.975 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

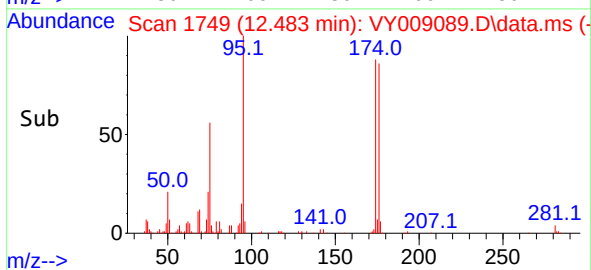
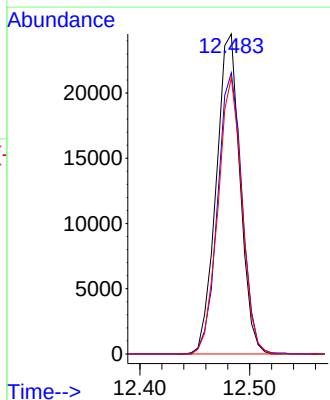
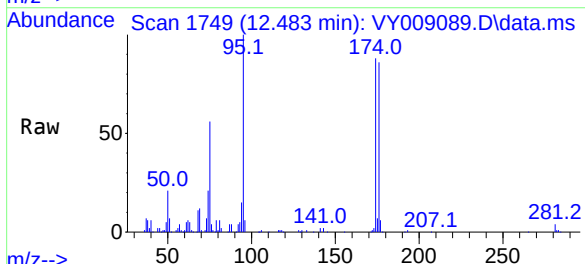
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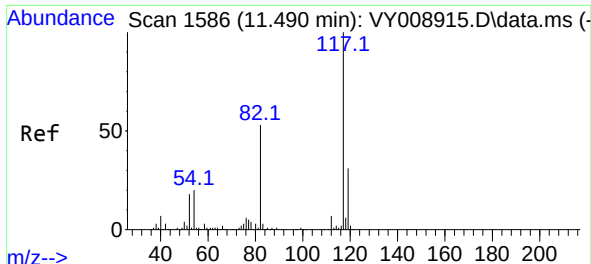
Tgt Ion: 98 Resp: 127763
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

Tgt Ion: 95 Resp: 37109
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 86.6 0.0 175.8

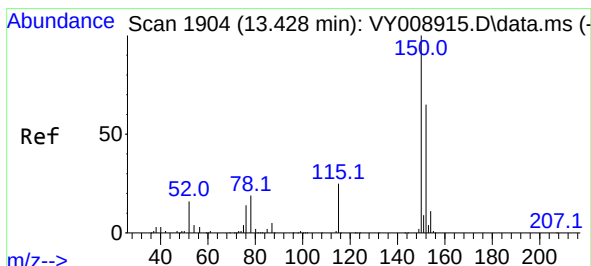
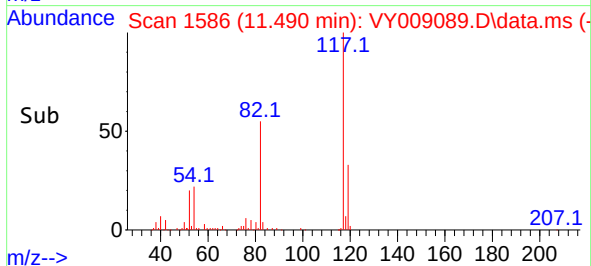
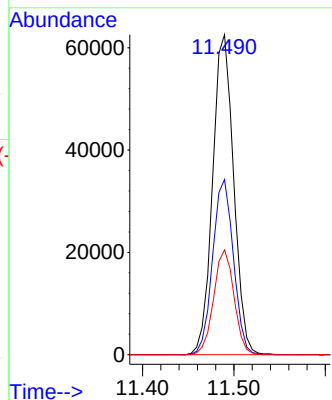
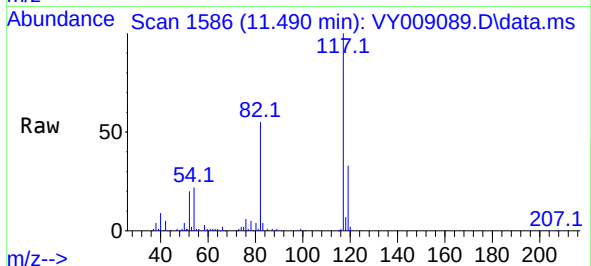




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009089.D
Acq: 25 May 2022 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SB-7(0.5-1)

Tgt Ion:	117	Resp:	99964
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.0	64.4
119	32.8	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: VY009089.D
Acq: 25 May 2022 14:56

Tgt Ion:	152	Resp:	42487
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	159.2	0.0	347.6

