

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009088.D
 Acq On : 25 May 2022 14:32
 Operator : KP/MD
 Sample : N2981-16
 Misc : 3.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8(4-4.5)

Quant Time: May 26 04:28:34 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	103818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	190297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66254	62.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.020%
35) Dibromofluoromethane	7.716	113	62461	52.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.560%
50) Toluene-d8	10.179	98	235584	53.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.920%
62) 4-Bromofluorobenzene	12.483	95	67642	38.411	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.820%

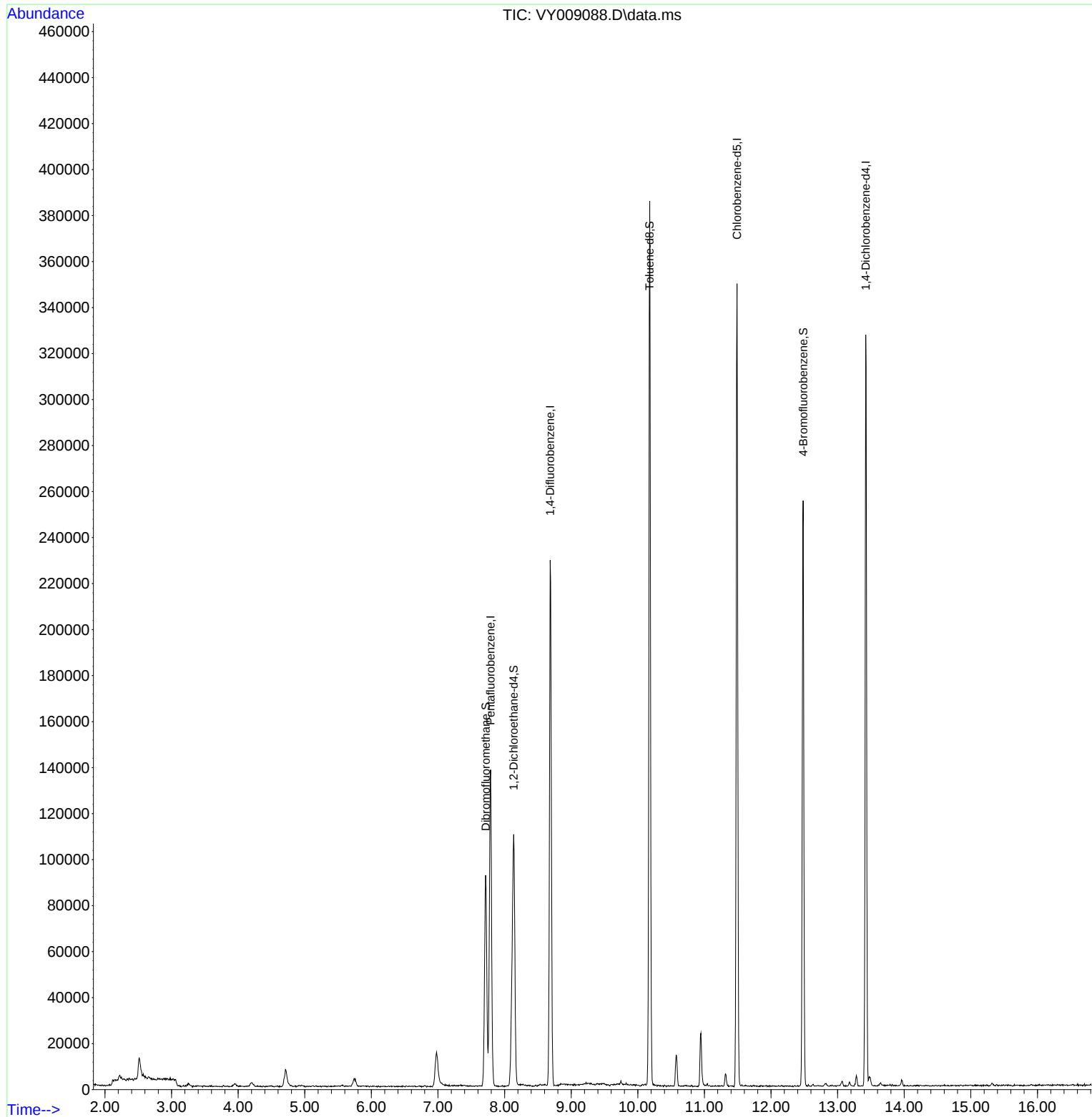
Target Compounds	Qvalue

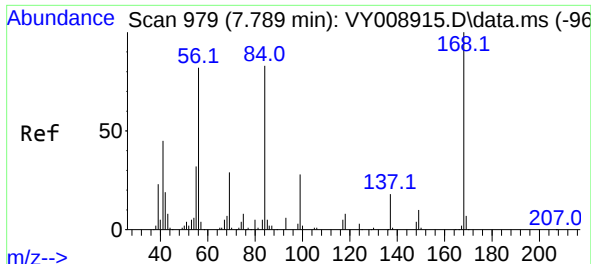
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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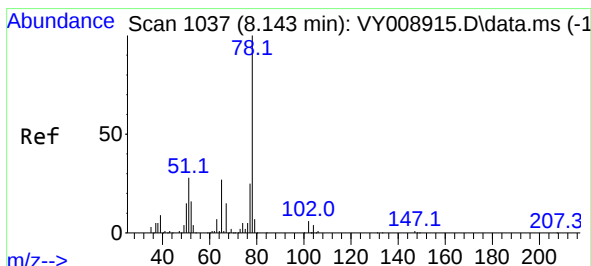
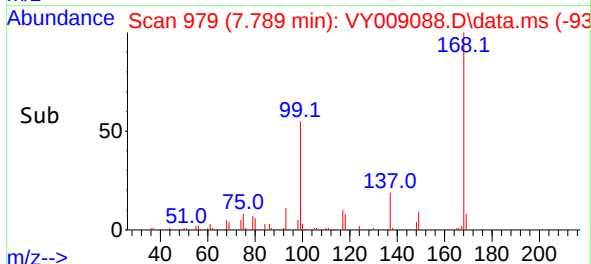
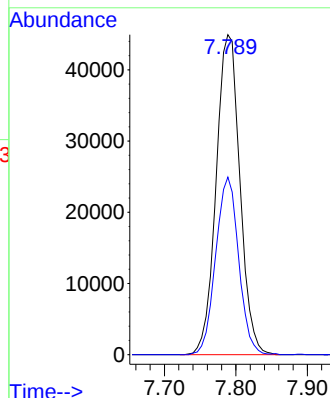
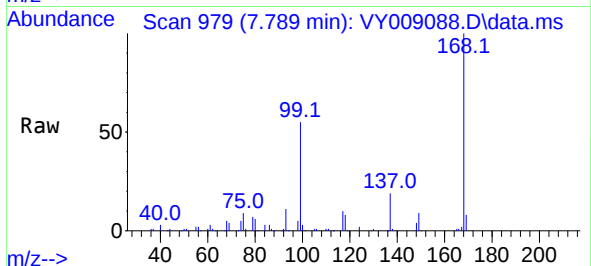




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009088.D
Acq: 25 May 2022 14:32

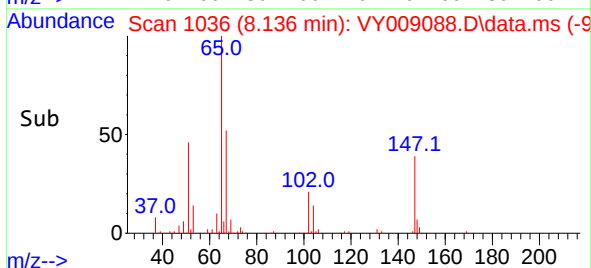
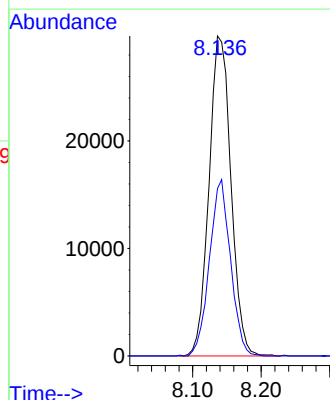
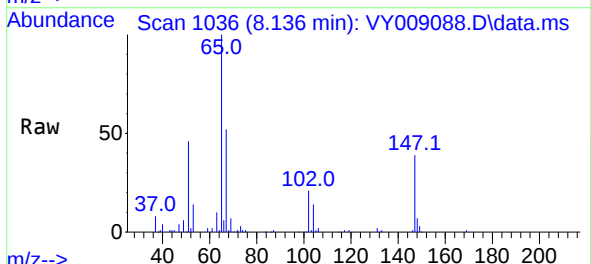
Instrument :
MSVOA_Y
ClientSampleId :
SB-8(4-4.5)

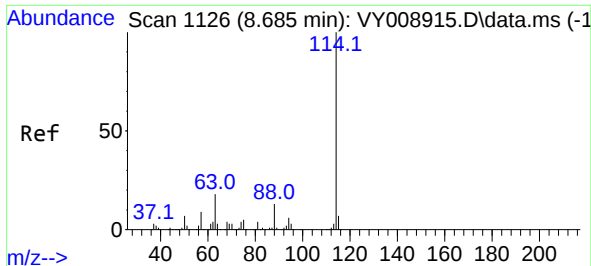
Tgt Ion:168 Resp: 103818
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.008 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009088.D
Acq: 25 May 2022 14:32

Tgt Ion: 65 Resp: 66254
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009088.D

Acq: 25 May 2022 14:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-8(4-4.5)

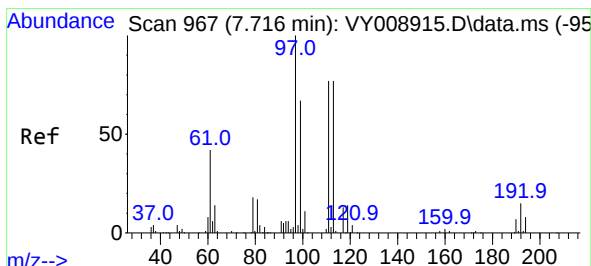
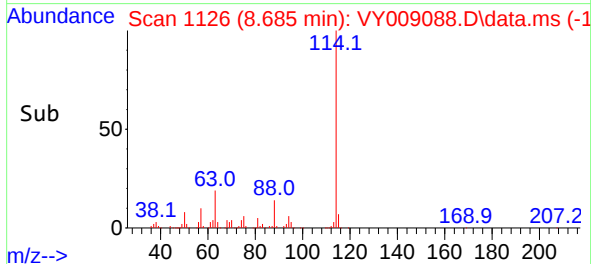
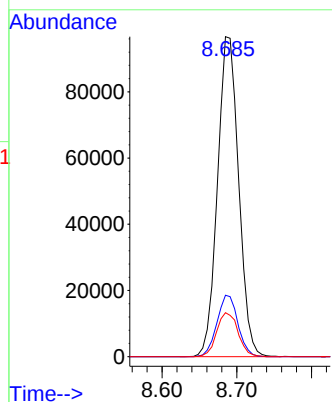
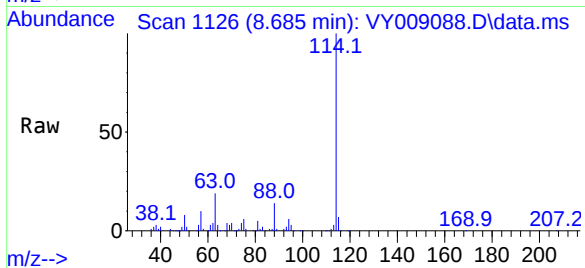
Tgt Ion:114 Resp: 190297

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.783 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009088.D

Acq: 25 May 2022 14:32

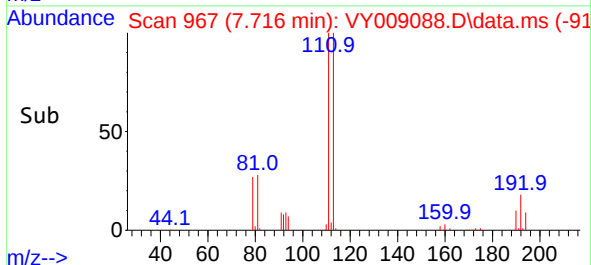
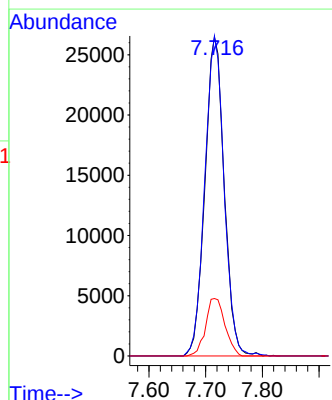
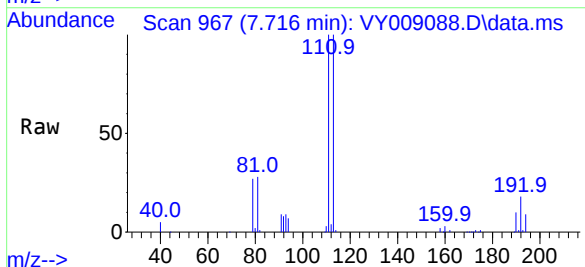
Tgt Ion:113 Resp: 62461

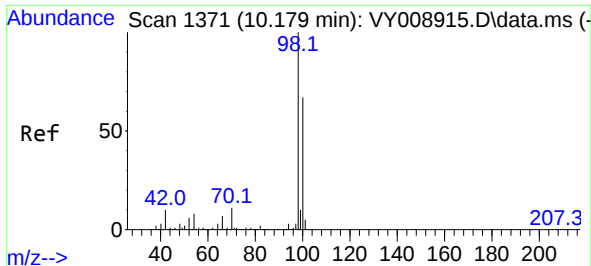
Ion Ratio Lower Upper

113 100

111 100.5 82.6 124.0

192 18.1 17.6 26.4

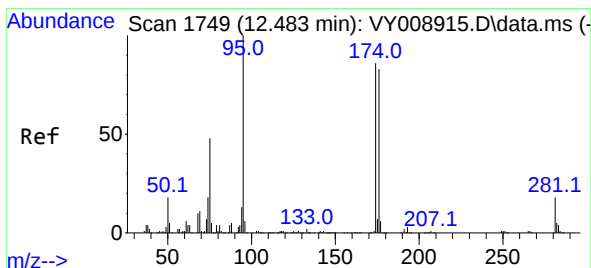
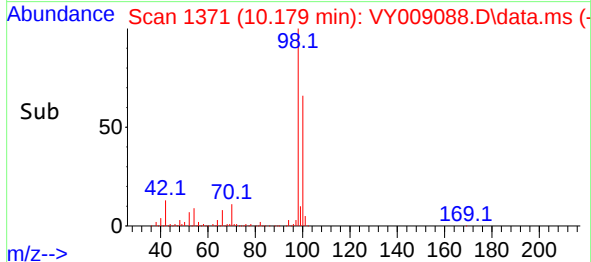
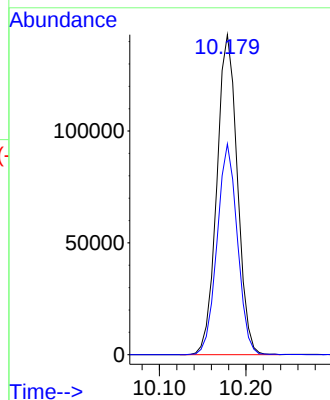
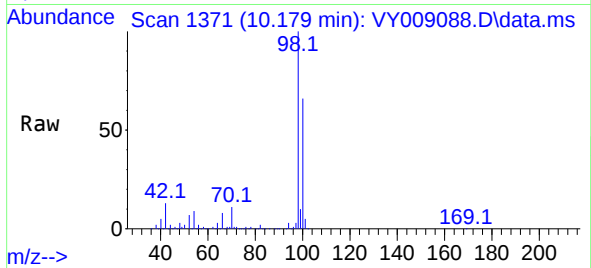




#50
Toluene-d8
Concen: 53.965 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009088.D
Acq: 25 May 2022 14:32

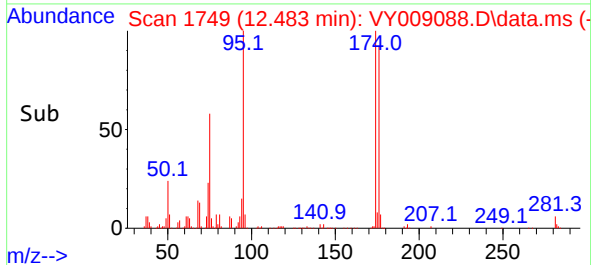
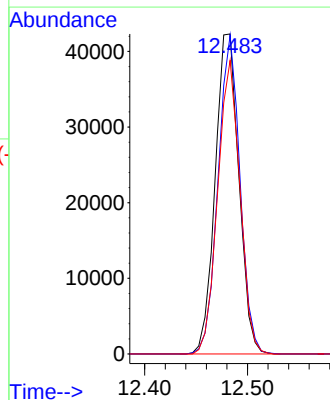
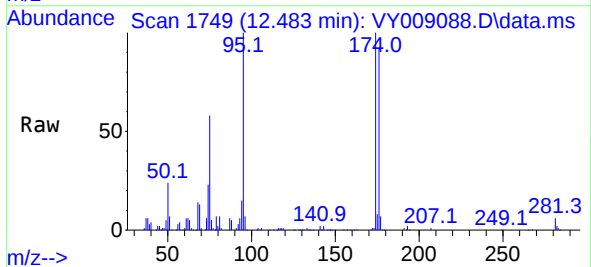
Instrument :
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SB-8(4-4.5)

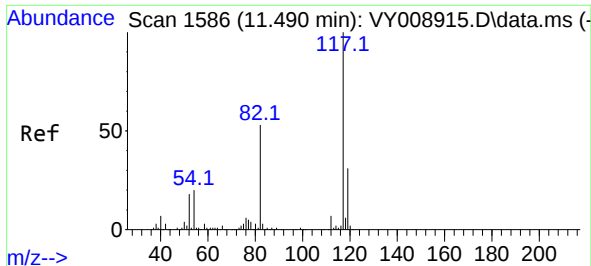
Tgt Ion: 98 Resp: 235584
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.411 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY009088.D
Acq: 25 May 2022 14:32

Tgt Ion: 95 Resp: 67642
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 86.3 0.0 175.8

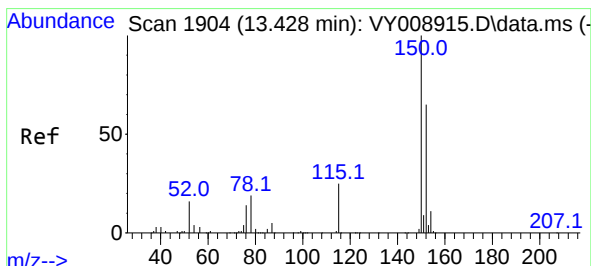
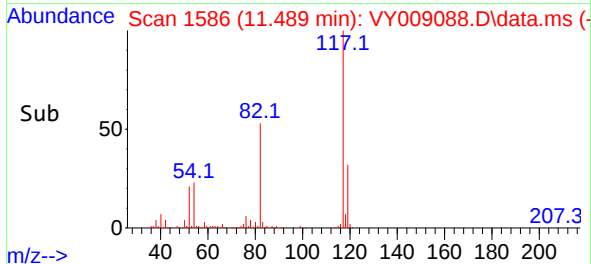
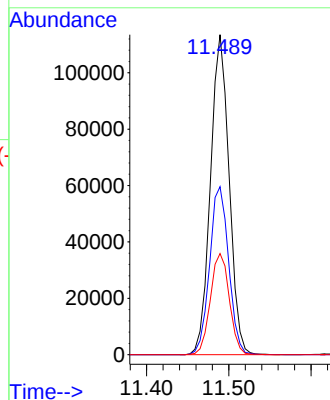
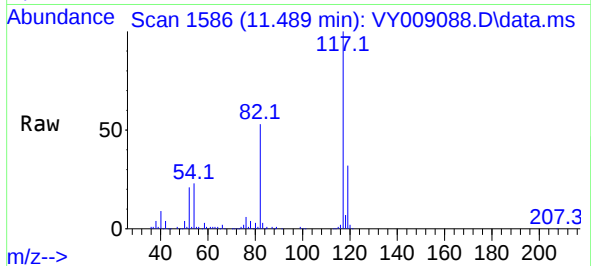




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009088.D
Acq: 25 May 2022 14:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-8(4-4.5)

Tgt Ion:117 Resp: 178631
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.6 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: VY009088.D
Acq: 25 May 2022 14:32

Tgt Ion:152 Resp: 79012
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 156.6 0.0 347.6

