

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009090.D
 Acq On : 25 May 2022 15:19
 Operator : KP/MD
 Sample : N2981-18
 Misc : 3.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7(3.5-4)

Quant Time: May 26 04:29:06 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	35744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	58951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	51181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19929	54.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.340%
35) Dibromofluoromethane	7.716	113	19465	53.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.200%
50) Toluene-d8	10.179	98	70649	52.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.483	95	16484	30.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.440%

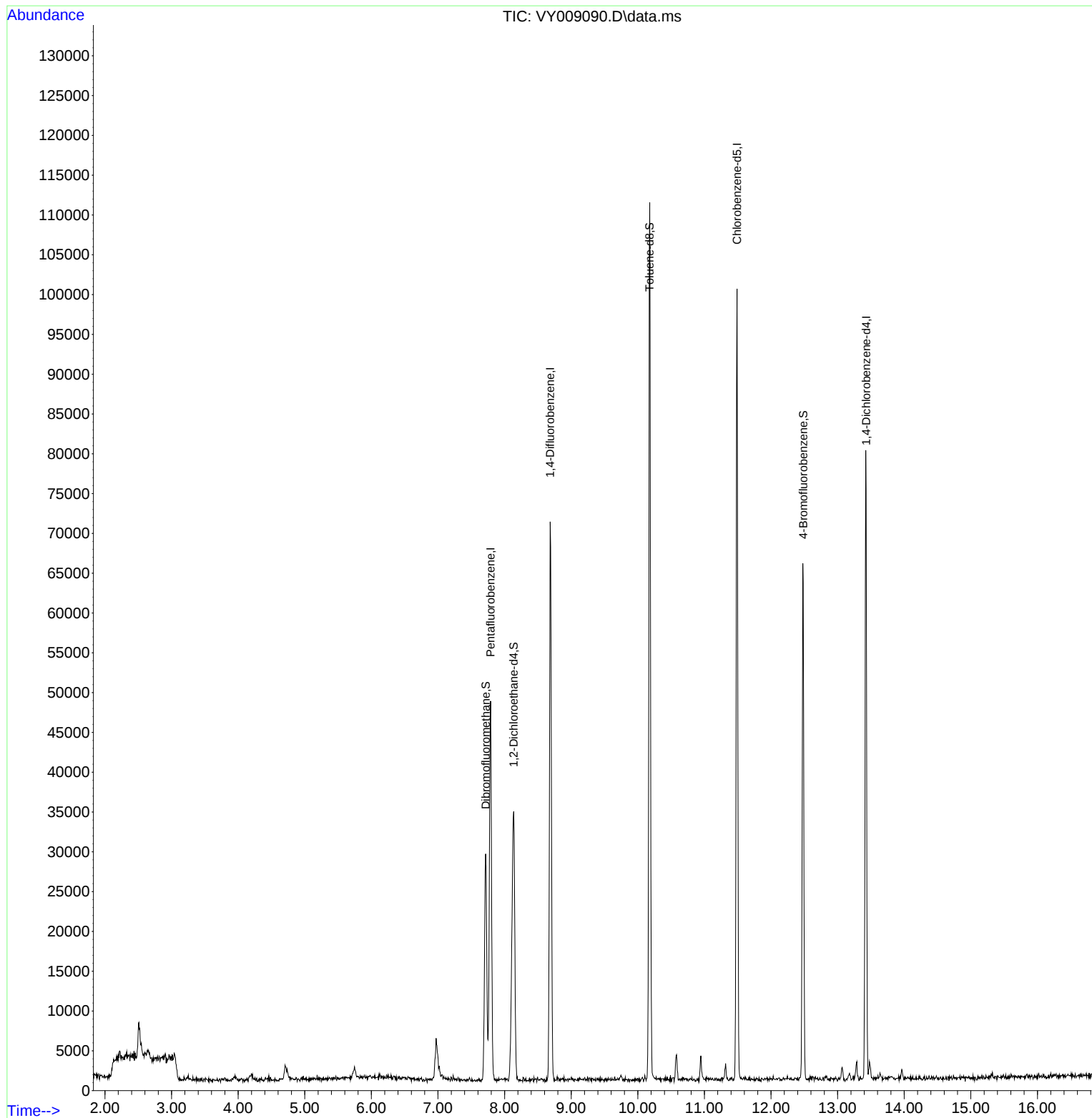
Target Compounds	Qvalue

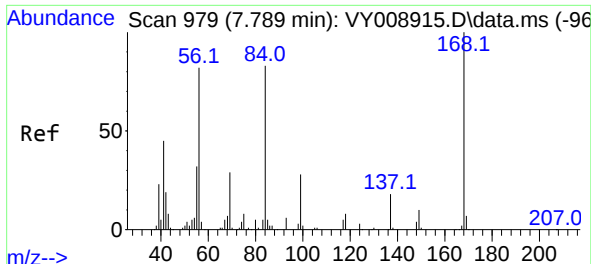
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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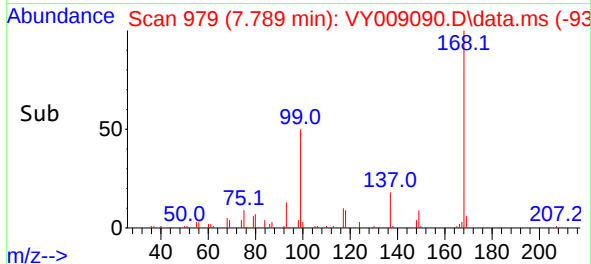
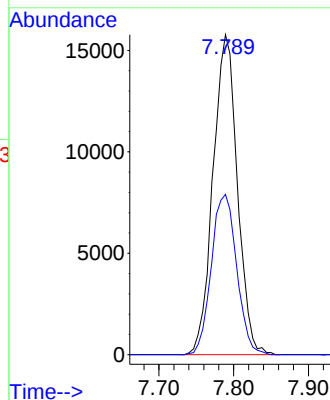
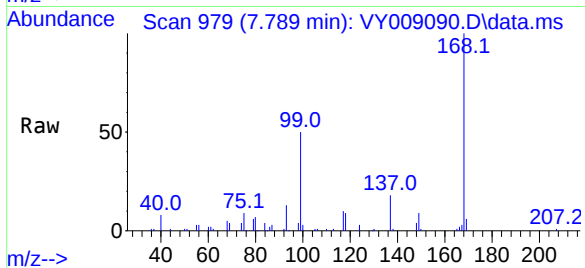




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

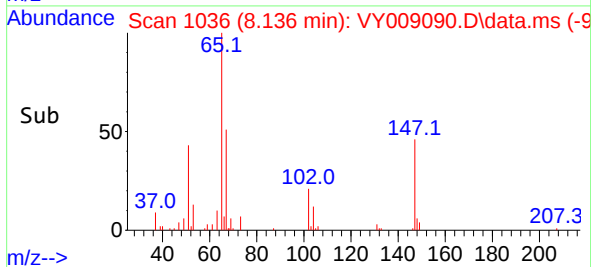
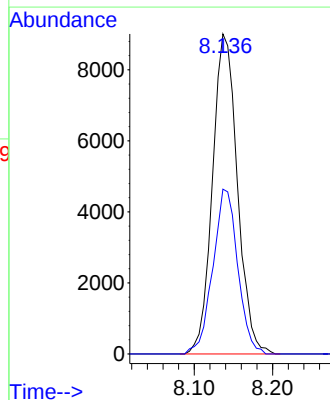
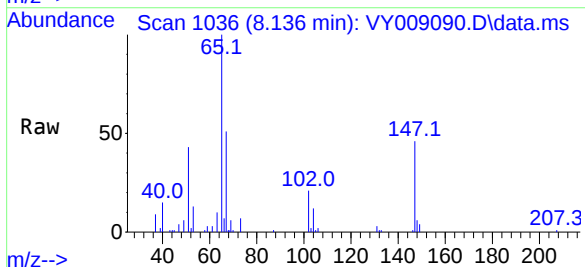
Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

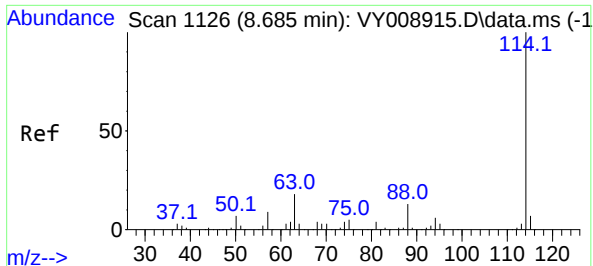
Tgt Ion:168 Resp: 35744
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.174 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

Tgt Ion: 65 Resp: 19929
Ion Ratio Lower Upper
65 100
67 51.4 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: VY009090.D

Acq: 25 May 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-7(3.5-4)

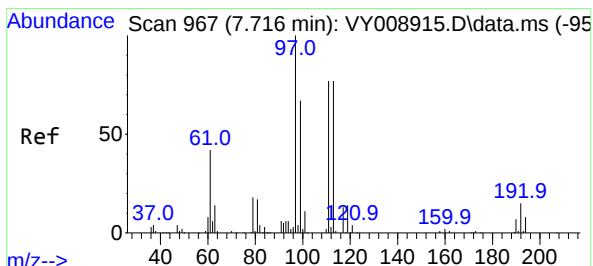
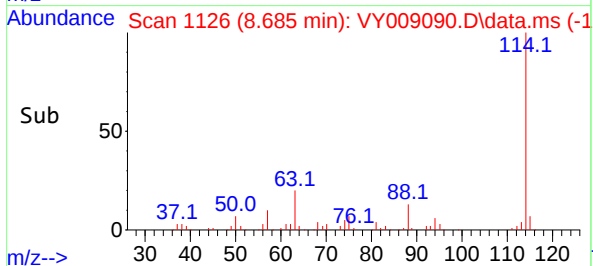
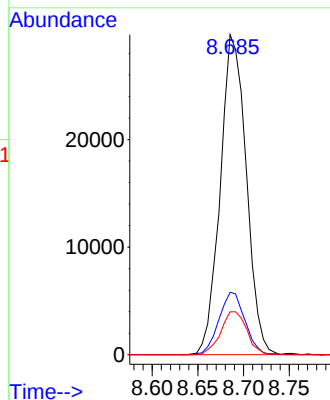
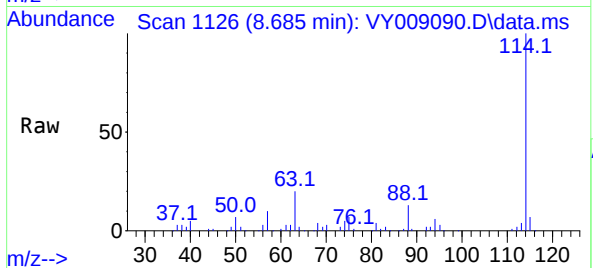
Tgt Ion:114 Resp: 58951

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.099 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009090.D

Acq: 25 May 2022 15:19

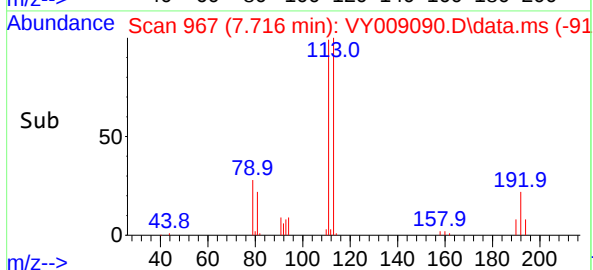
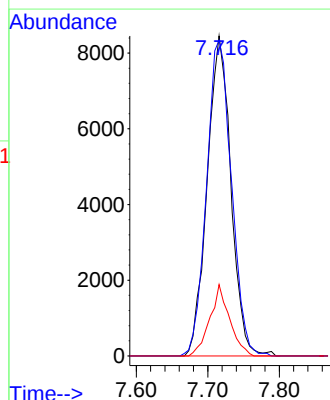
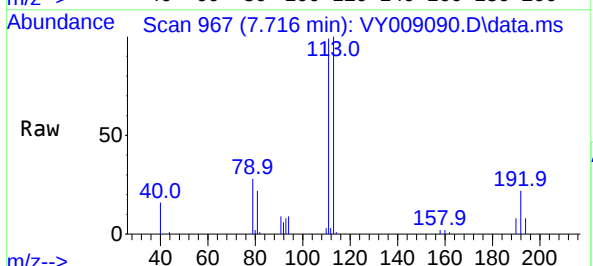
Tgt Ion:113 Resp: 19465

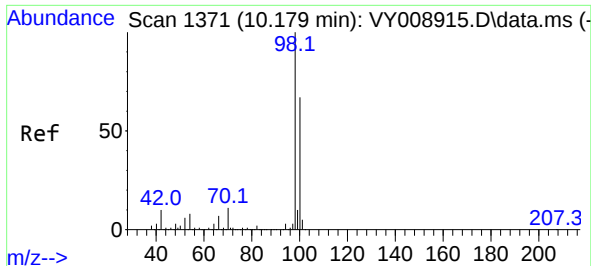
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 18.6 17.6 26.4

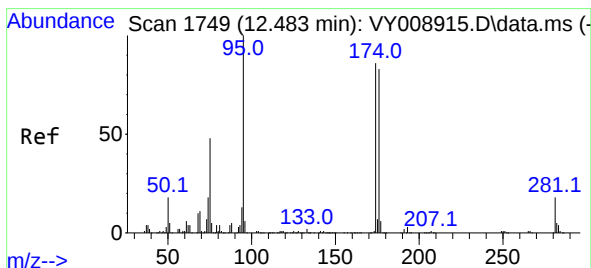
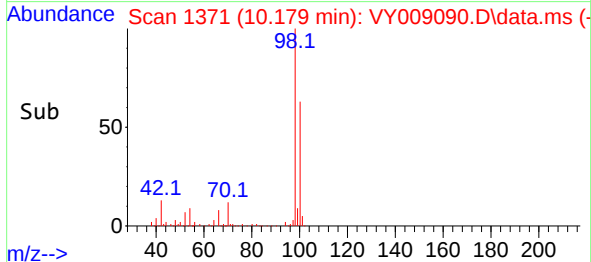
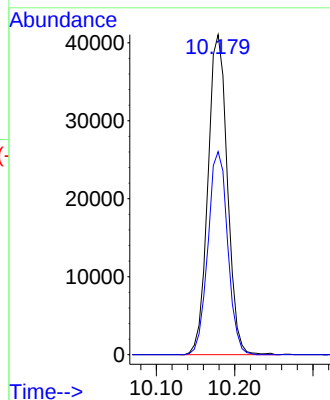
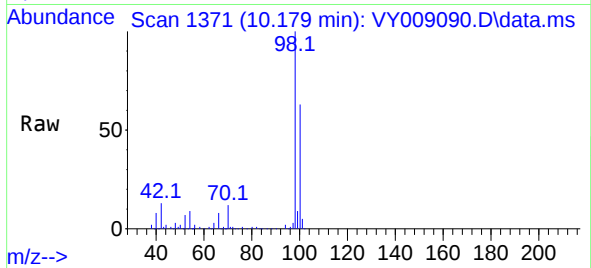




#50
Toluene-d8
Concen: 52.241 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

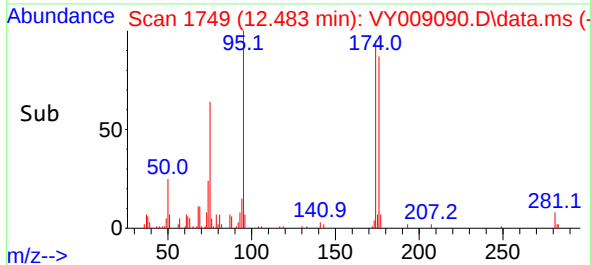
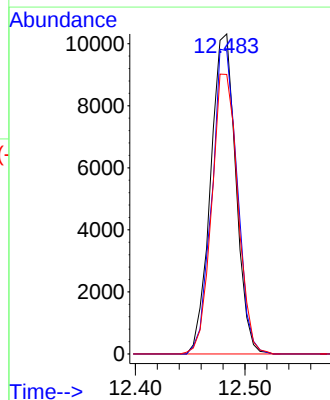
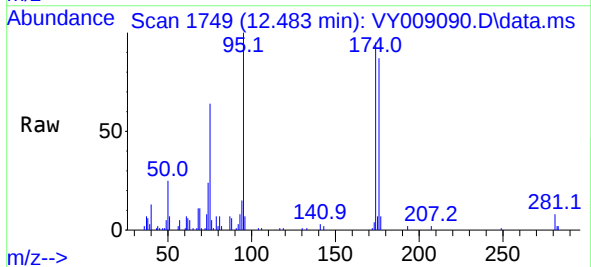
Instrument :
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SB-7(3.5-4)

Tgt Ion: 98 Resp: 70649
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

Tgt Ion: 95 Resp: 16484
Ion Ratio Lower Upper
95 100
174 95.2 0.0 177.0
176 90.2 0.0 175.8

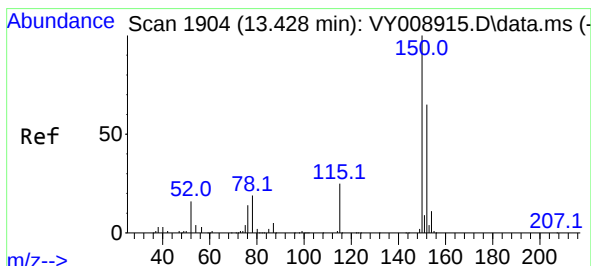
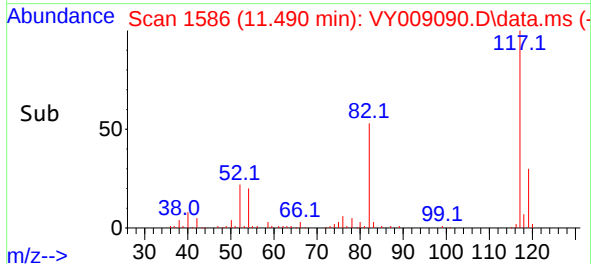
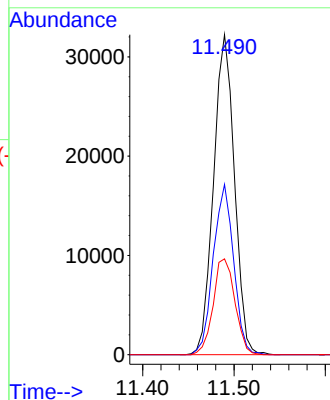
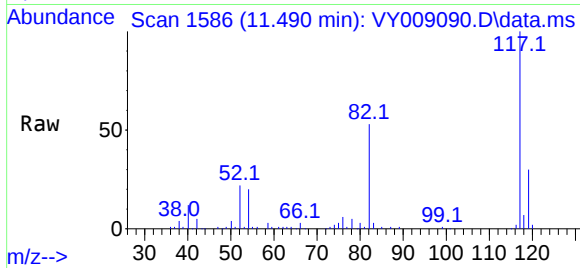




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009090.D
Acq: 25 May 2022 15:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-7(3.5-4)

Tgt Ion:117 Resp: 51181
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 30.0 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: VY009090.D
Acq: 25 May 2022 15:19

Tgt Ion:152 Resp: 19578
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 155.0 0.0 347.6

