

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009005.D
 Acq On : 23 May 2022 14:44
 Operator : KP/MD
 Sample : N2911-01RE
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PASSAIC-AVE-SPRE

Quant Time: May 24 01:47:56 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	112729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	203453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70913	61.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.240%
35) Dibromofluoromethane	7.716	113	63976	50.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.140%
50) Toluene-d8	10.179	98	247653	53.061	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.120%
62) 4-Bromofluorobenzene	12.477	95	60064	31.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.800%

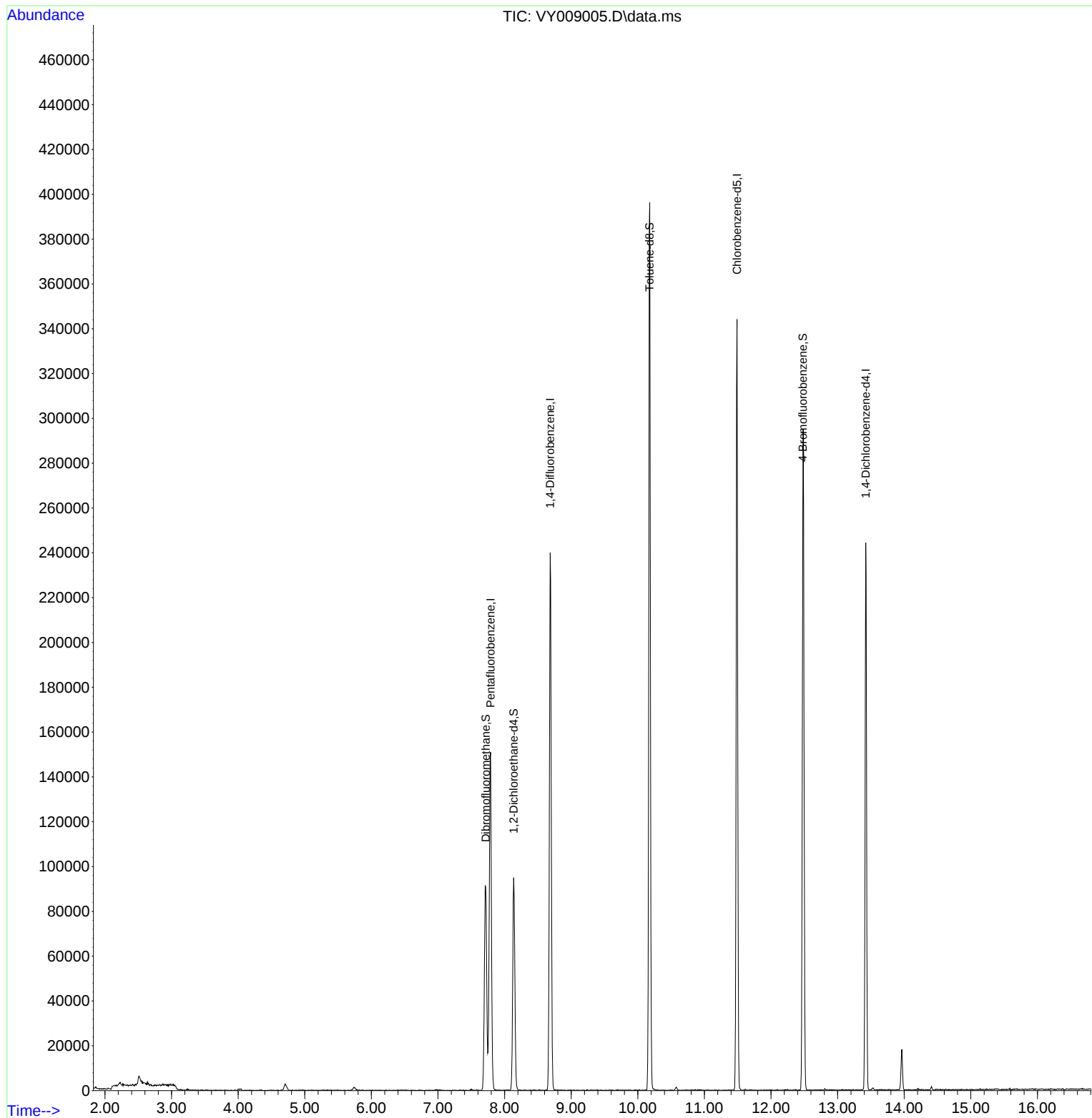
Target Compounds	Qvalue

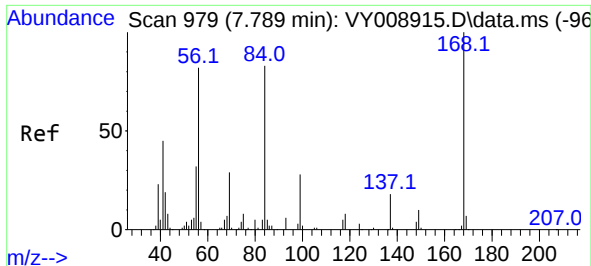
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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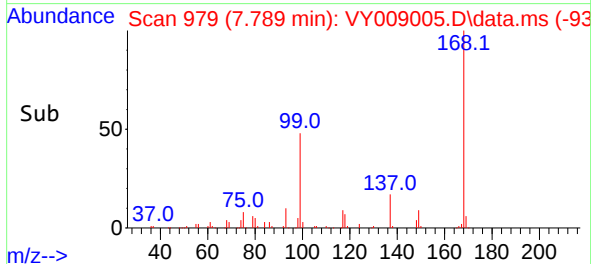
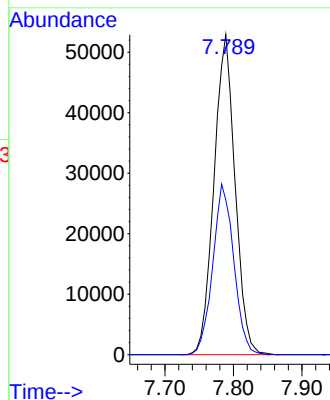
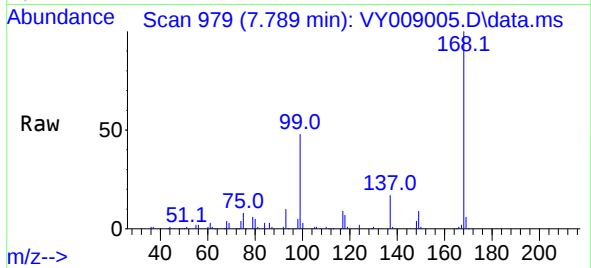




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009005.D
Acq: 23 May 2022 14:44

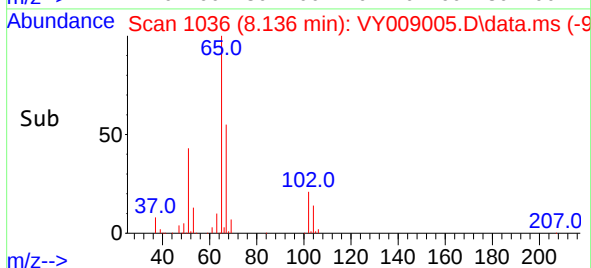
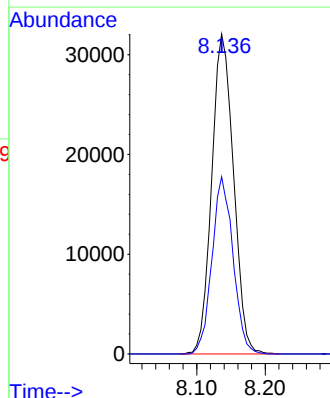
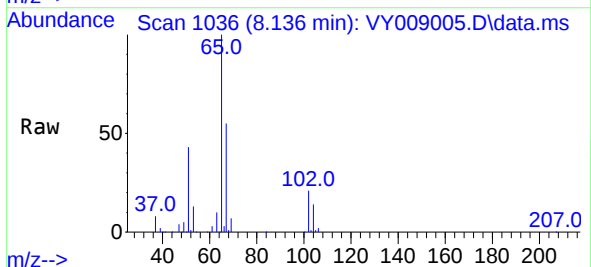
Instrument :
MSVOA_Y
ClientSampleId :
PASSAIC-AVE-SPRE

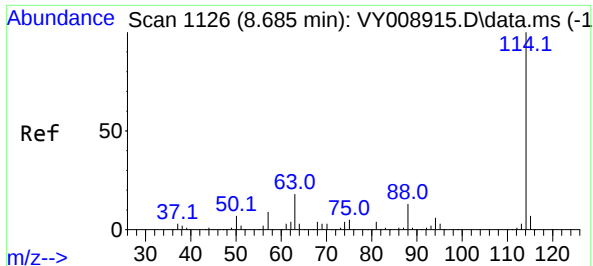
Tgt Ion:168 Resp: 112729
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.122 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009005.D
Acq: 23 May 2022 14:44

Tgt Ion: 65 Resp: 70913
Ion Ratio Lower Upper
65 100
67 53.4 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: VY009005.D

Acq: 23 May 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

PASSAIC-AVE-SPRE

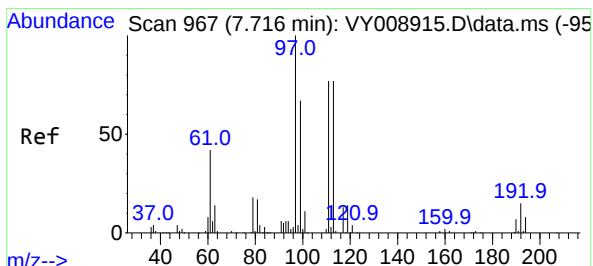
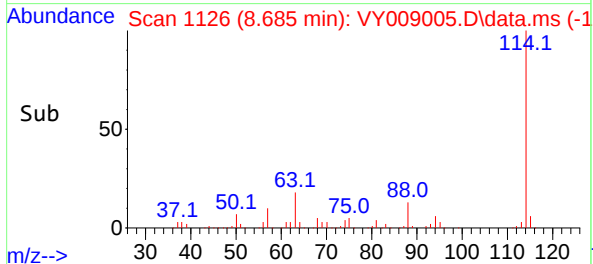
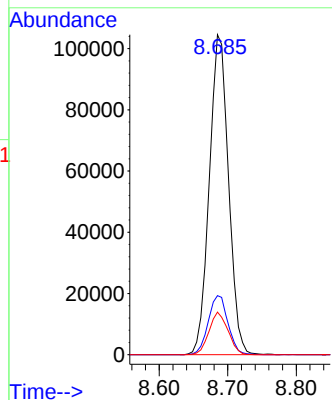
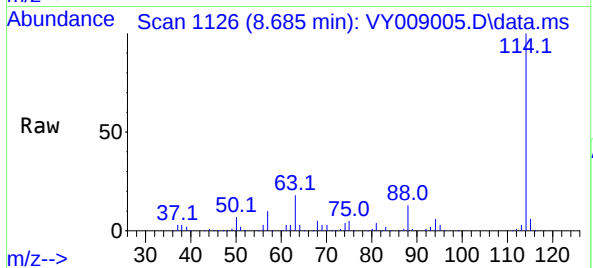
Tgt Ion:114 Resp: 203453

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.568 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009005.D

Acq: 23 May 2022 14:44

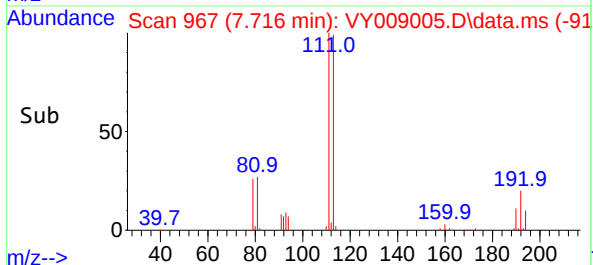
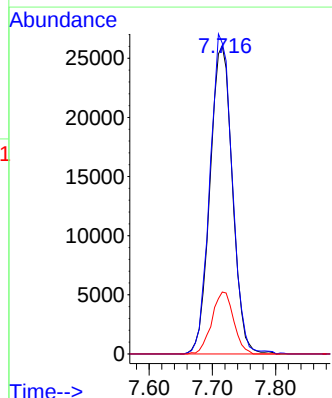
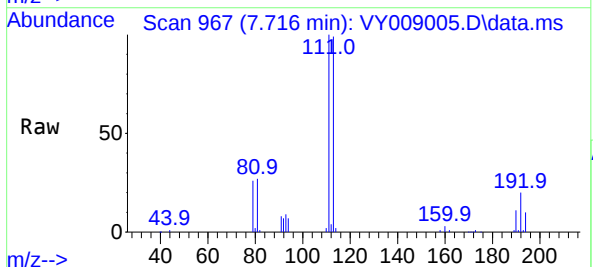
Tgt Ion:113 Resp: 63976

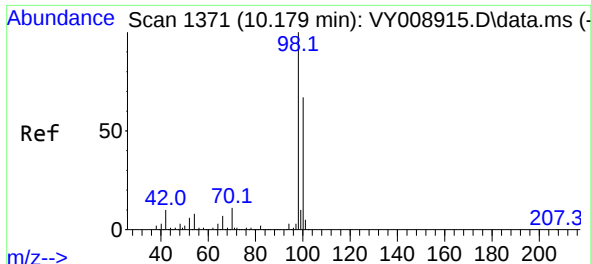
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.5 17.6 26.4

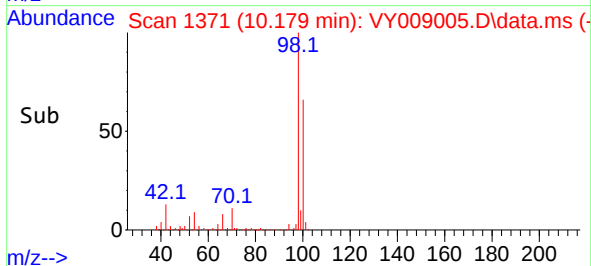
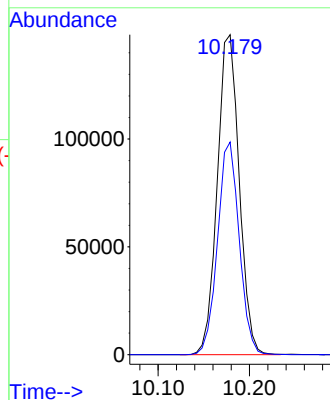
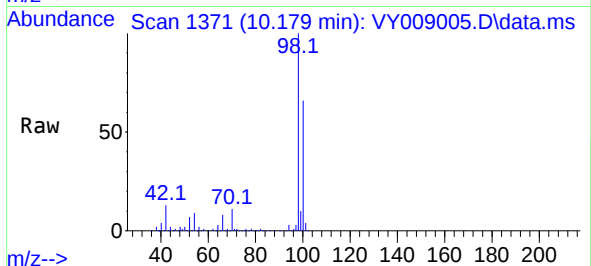




#50
Toluene-d8
Concen: 53.061 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009005.D
Acq: 23 May 2022 14:44

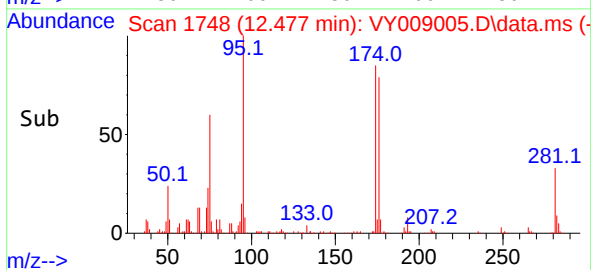
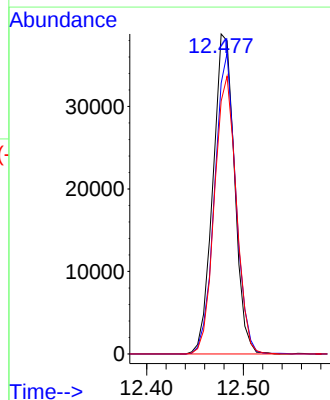
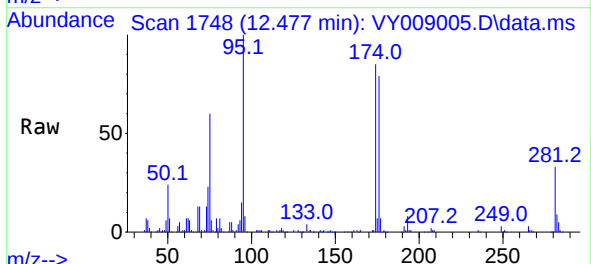
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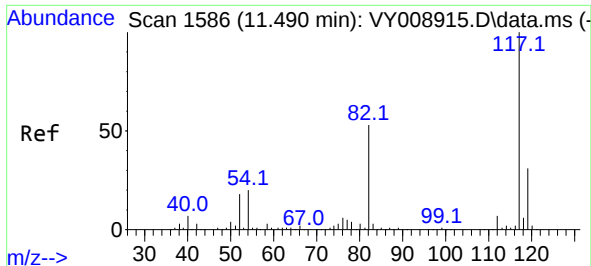
Tgt Ion: 98 Resp: 247653
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.902 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009005.D
Acq: 23 May 2022 14:44

Tgt Ion: 95 Resp: 60064
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 87.6 0.0 175.8

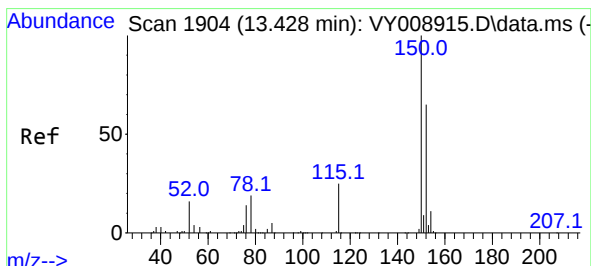
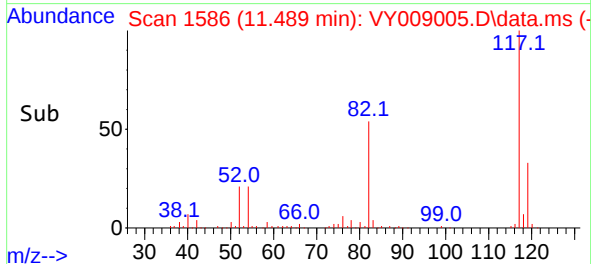
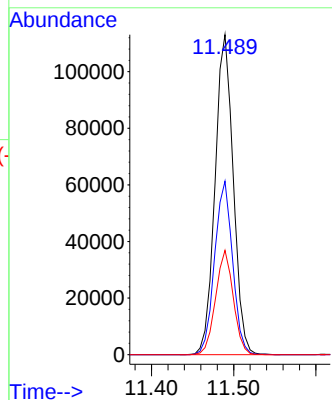
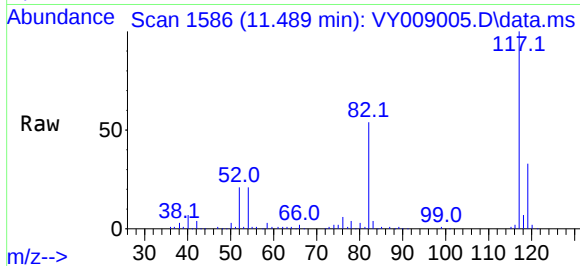




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009005.D
Acq: 23 May 2022 14:44

Instrument :
MSVOA_Y
ClientSampleId :
PASSAIC-AVE-SPRE

Tgt Ion:117 Resp: 174417
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.6 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: VY009005.D
Acq: 23 May 2022 14:44

Tgt Ion:152 Resp: 59013
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 158.2 0.0 347.6

