

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008919.D
 Acq On : 20 May 2022 22:08
 Operator : KP/MD
 Sample : VY0520SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBL01

Quant Time: May 20 23:55:56 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	147311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	233183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103021	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84890	55.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.980%
35) Dibromofluoromethane	7.716	113	79583	50.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.179	98	310019	53.300	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.600%
62) 4-Bromofluorobenzene	12.483	95	90346	38.505	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.020%

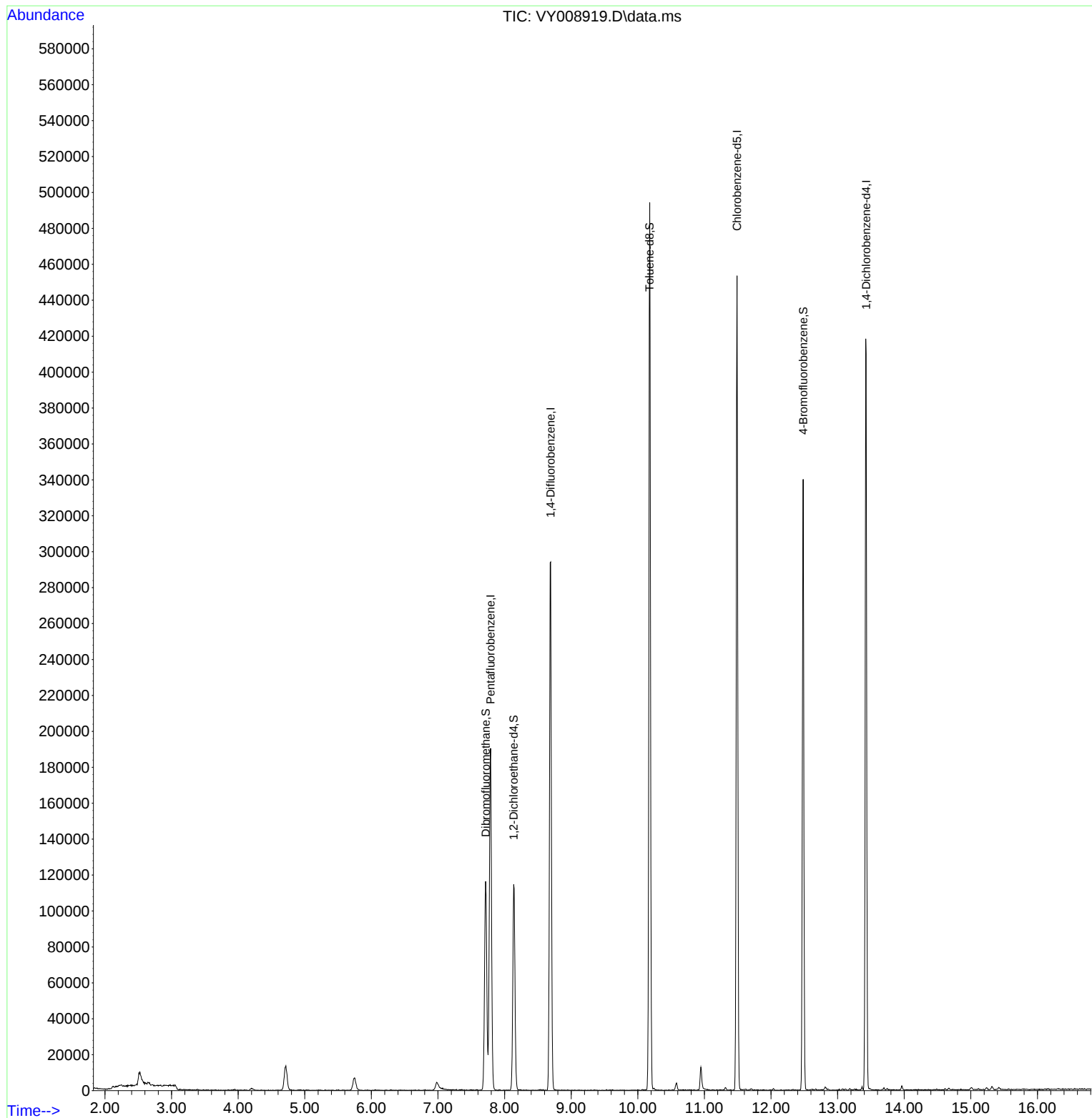
Target Compounds	Qvalue

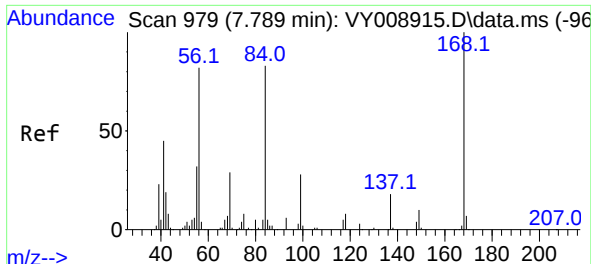
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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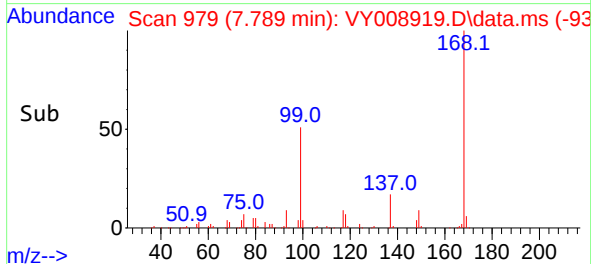
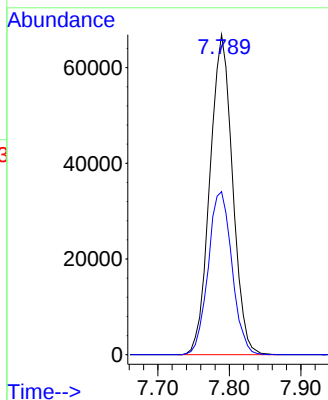
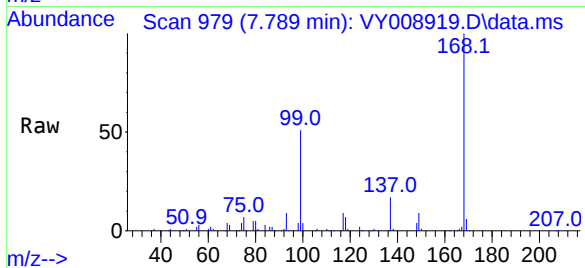




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

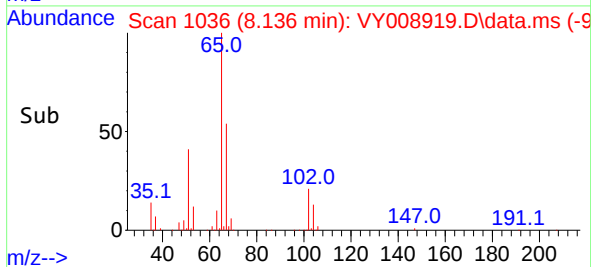
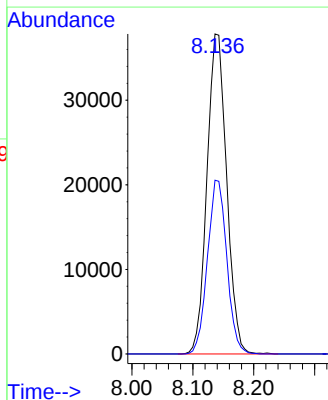
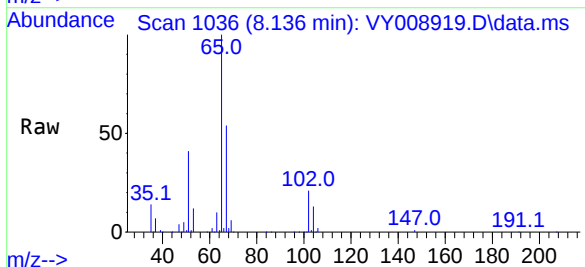
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

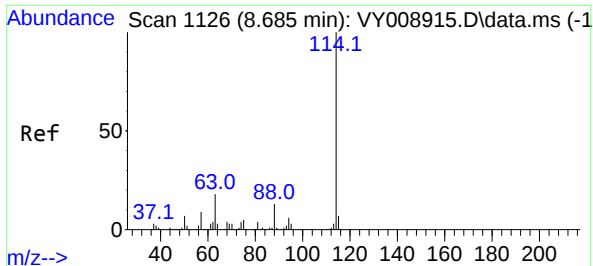
Tgt Ion:168 Resp: 147311
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.992 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

Tgt Ion: 65 Resp: 84890
Ion Ratio Lower Upper
65 100
67 53.4 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: VY008919.D

Acq: 20 May 2022 22:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBL01

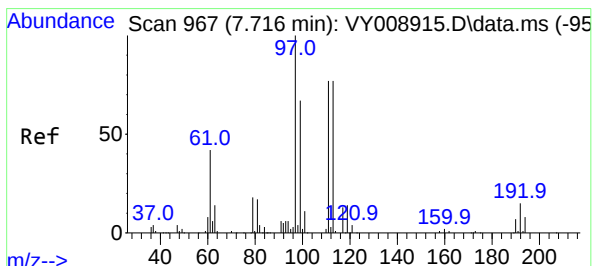
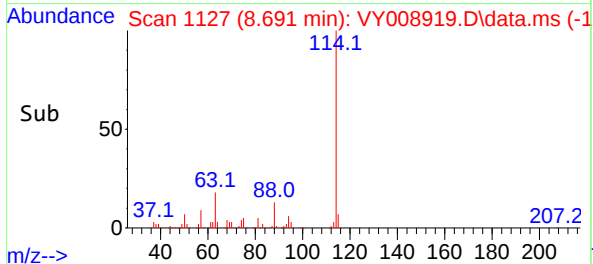
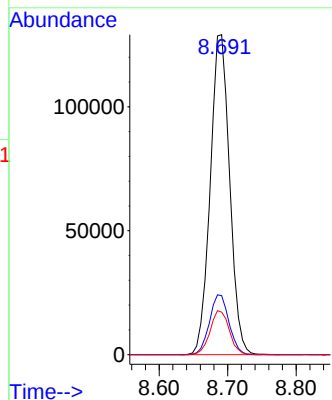
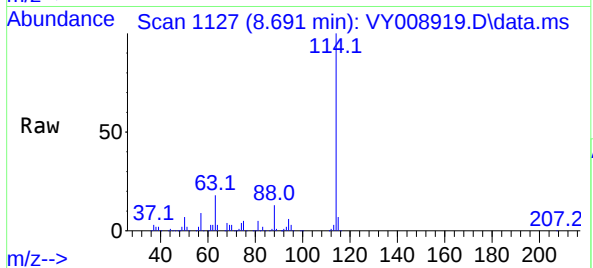
Tgt Ion:114 Resp: 253547

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.476 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008919.D

Acq: 20 May 2022 22:08

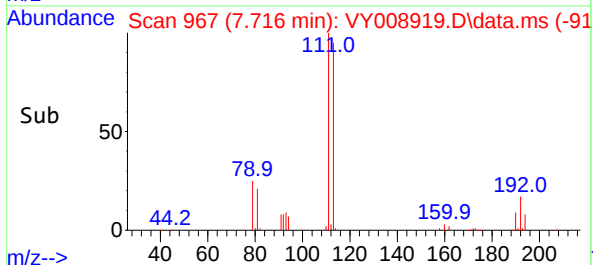
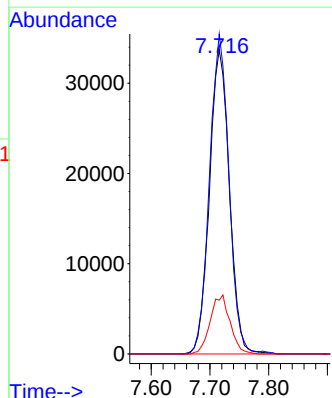
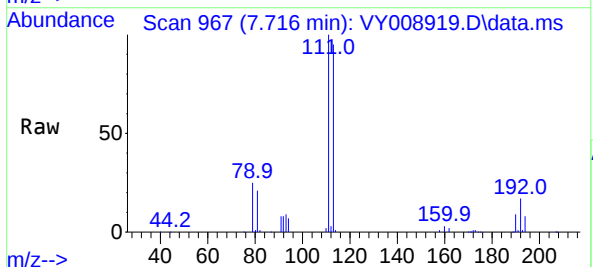
Tgt Ion:113 Resp: 79583

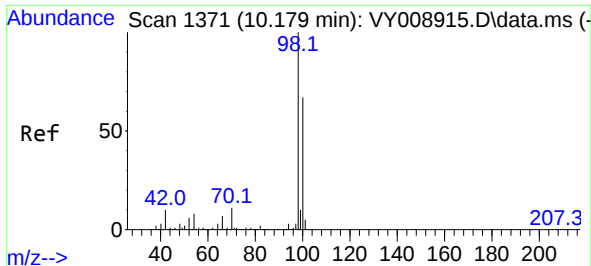
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.3 17.6 26.4

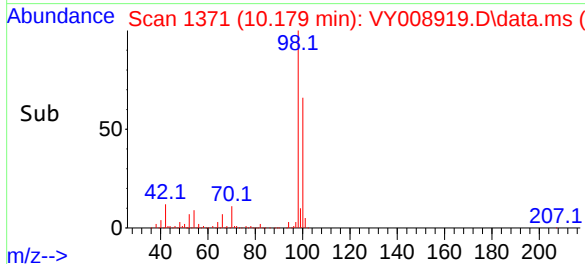
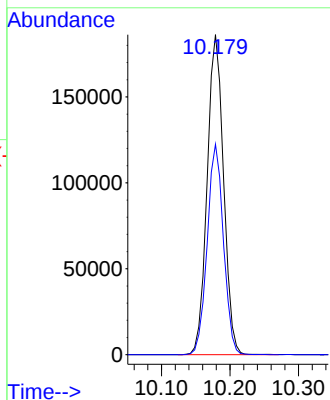
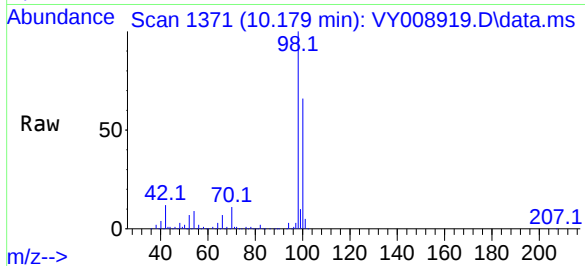




#50
Toluene-d8
Concen: 53.300 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

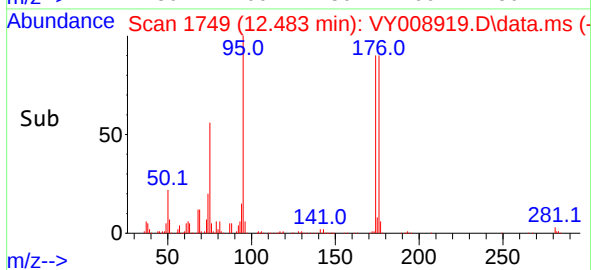
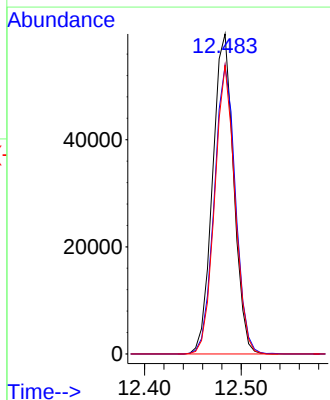
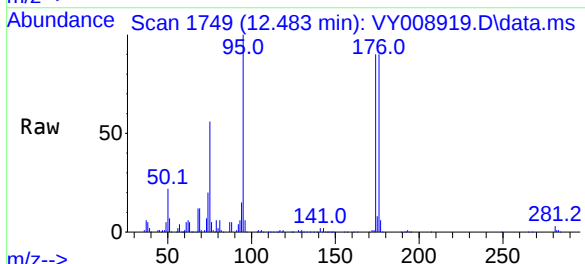
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VY0520SBL01

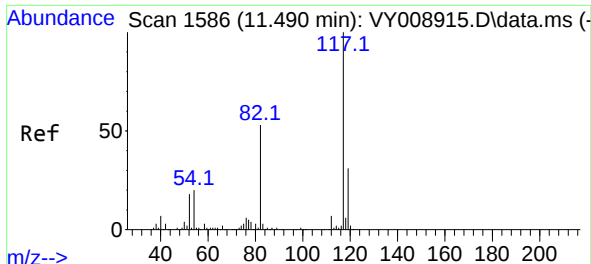
Tgt Ion: 98 Resp: 310019
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.505 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

Tgt Ion: 95 Resp: 90346
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 86.6 0.0 175.8

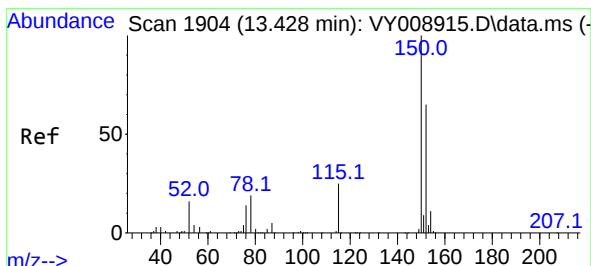
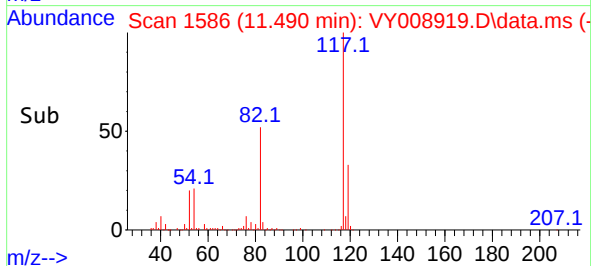
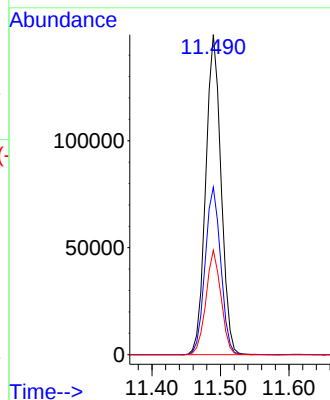
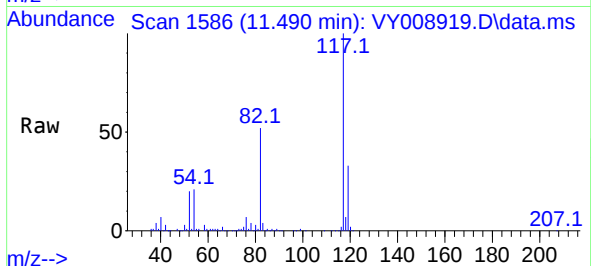




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008919.D
Acq: 20 May 2022 22:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

Tgt Ion:117 Resp: 233183
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.6 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: VY008919.D
Acq: 20 May 2022 22:08

Tgt Ion:152 Resp: 103021
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 157.7 0.0 347.6

