

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009129.D
 Acq On : 02 Jun 2022 15:51
 Operator : KP/MD
 Sample : N3139-03
 Misc : 3.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Jun 03 03:12:48 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	7.783	168	111017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74435	65.147	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.300%
35) Dibromofluoromethane	7.716	113	64573	52.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.040%
50) Toluene-d8	10.179	98	247736	54.101	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.200%
62) 4-Bromofluorobenzene	12.477	95	72539	39.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.540%

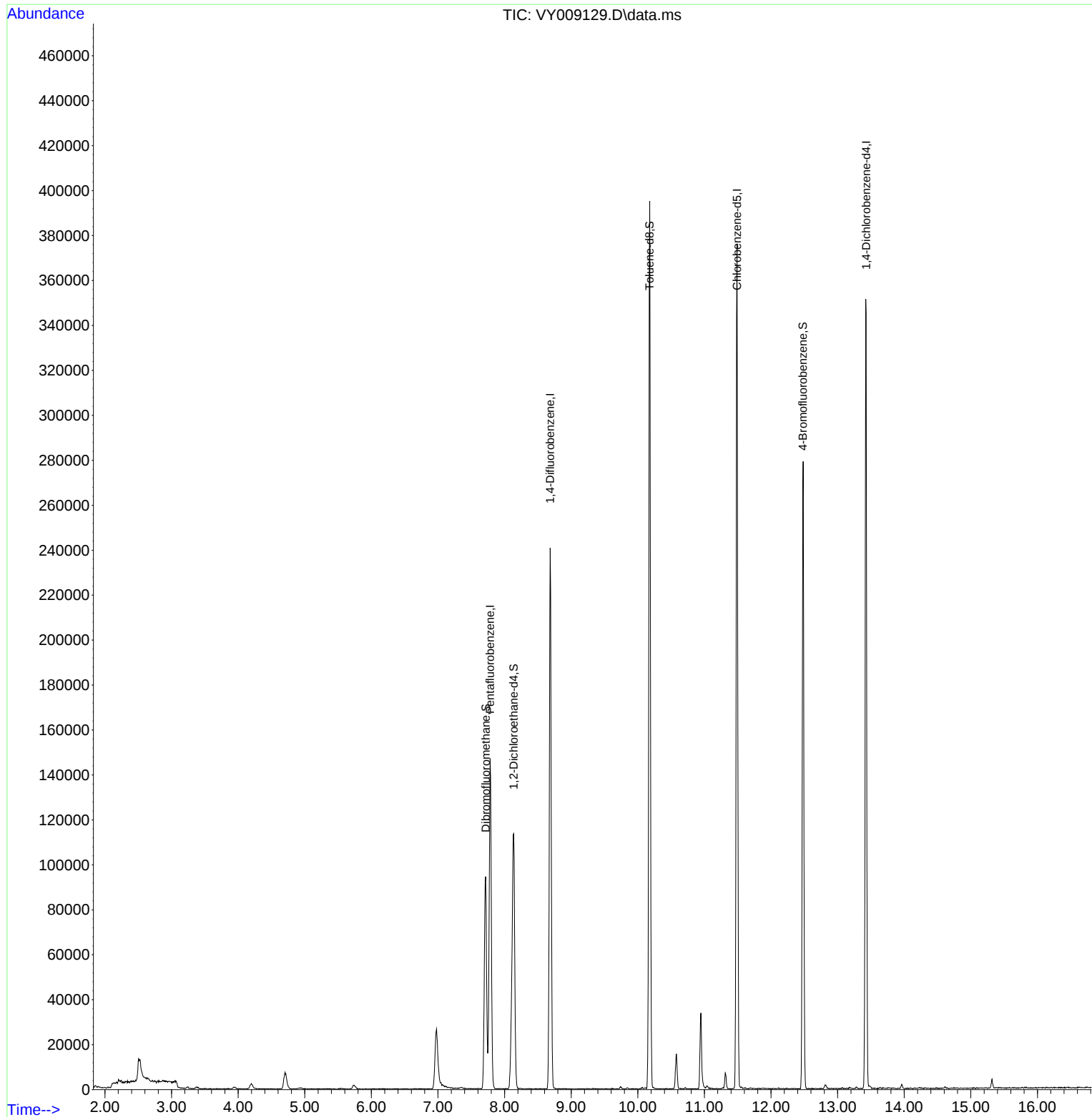
Target Compounds	Qvalue

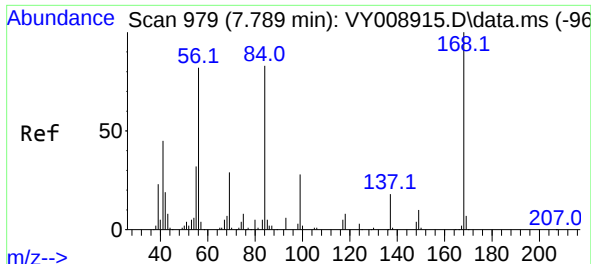
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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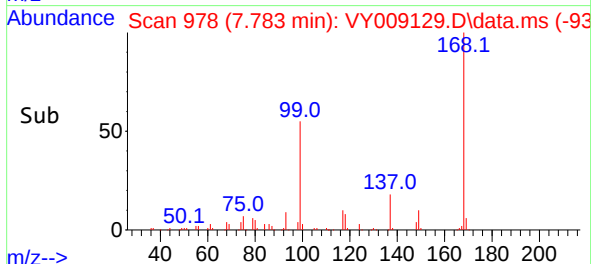
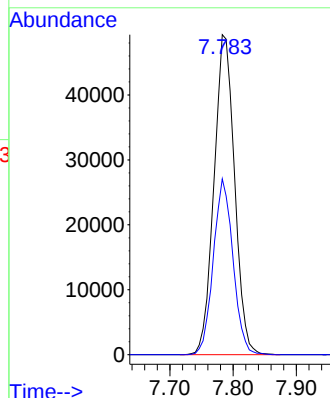
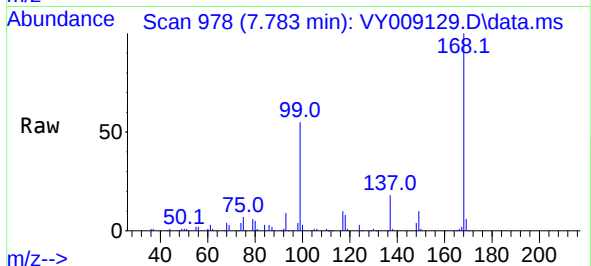




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

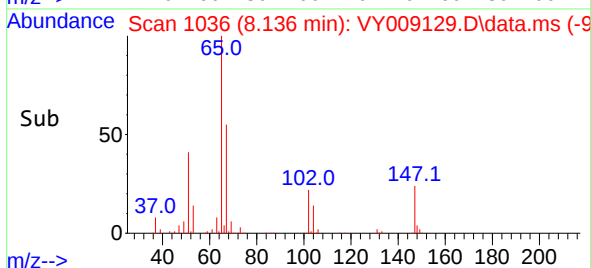
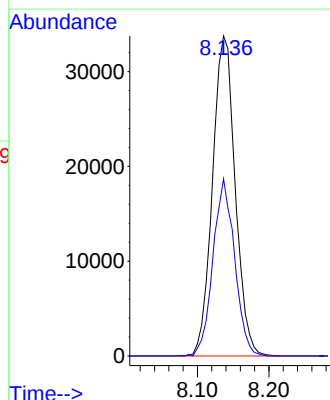
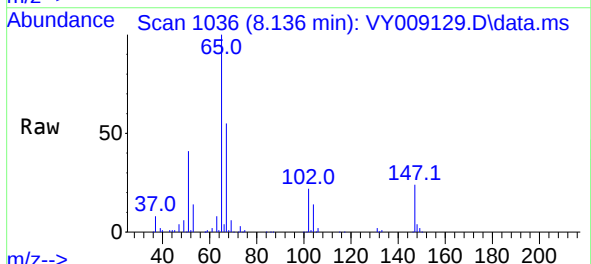
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

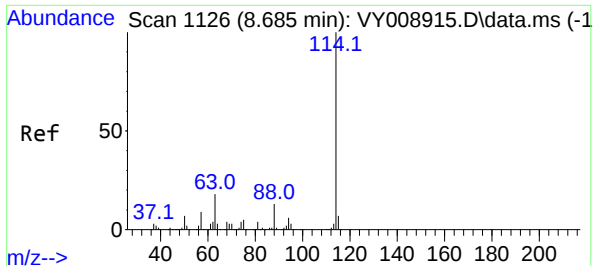
Tgt Ion:168 Resp: 111017
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.147 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

Tgt Ion: 65 Resp: 74435
Ion Ratio Lower Upper
65 100
67 52.7 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: VY009129.D

Acq: 02 Jun 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

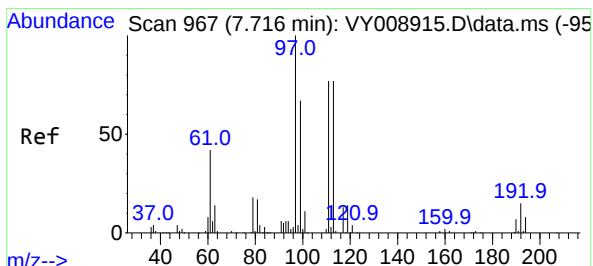
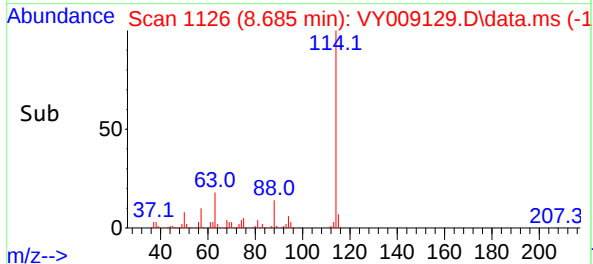
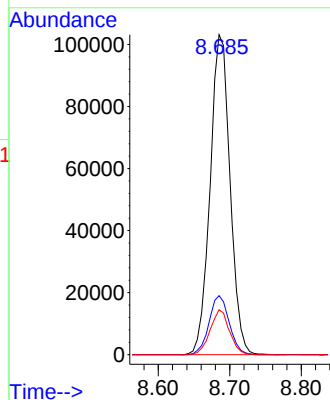
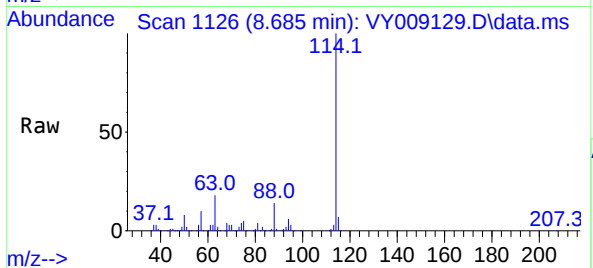
Tgt Ion:114 Resp: 199609

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.022 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009129.D

Acq: 02 Jun 2022 15:51

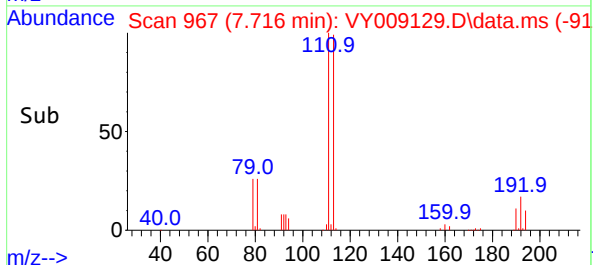
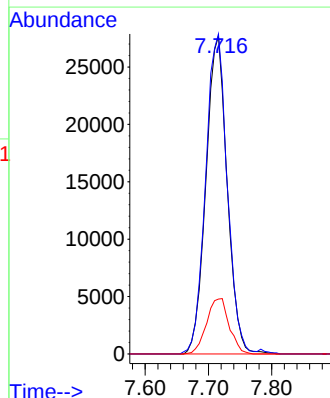
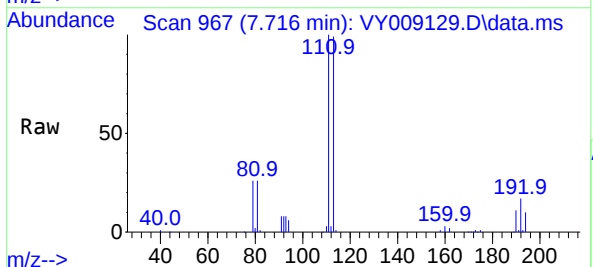
Tgt Ion:113 Resp: 64573

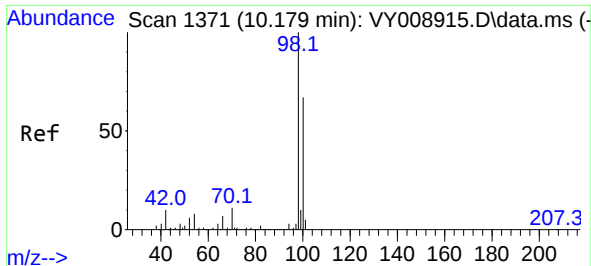
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.5 17.6 26.4

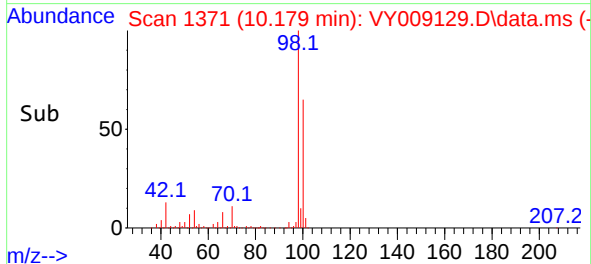
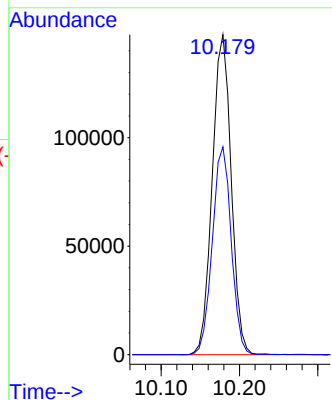
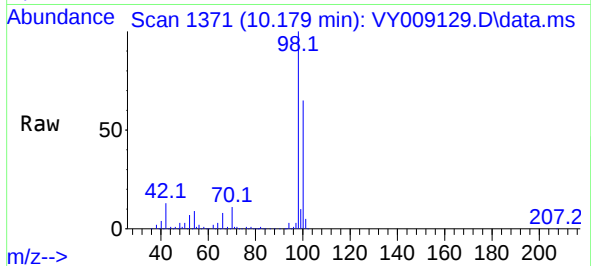




#50
Toluene-d8
Concen: 54.101 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

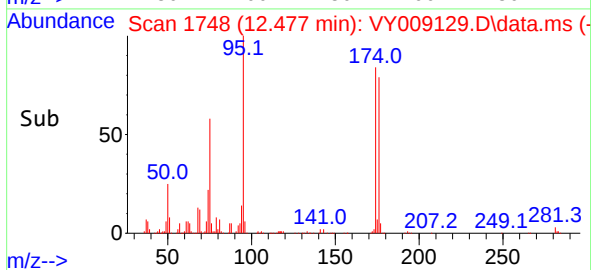
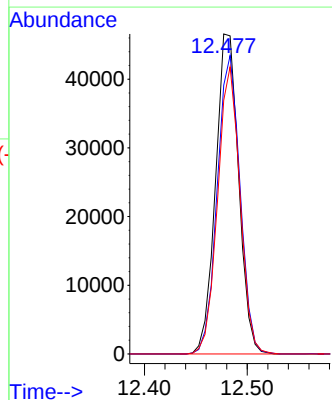
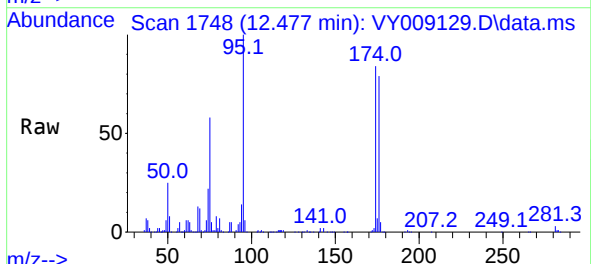
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

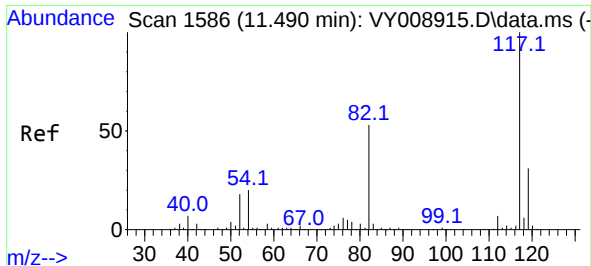
Tgt Ion: 98 Resp: 247736
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.270 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

Tgt Ion: 95 Resp: 72539
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 86.9 0.0 175.8

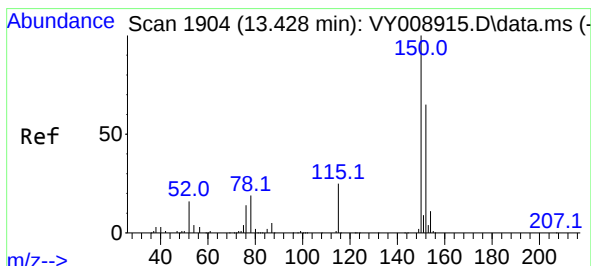
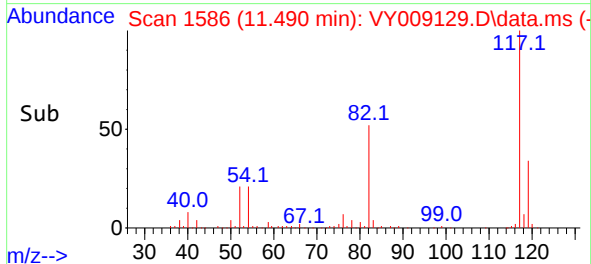
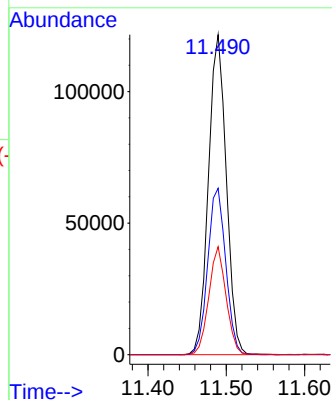
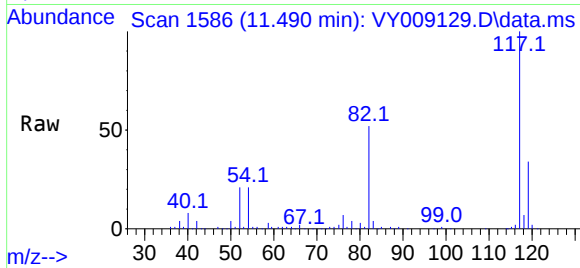




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 192283
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 33.8 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: VY009129.D
Acq: 02 Jun 2022 15:51

Tgt Ion:152 Resp: 84022
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 156.4 0.0 347.6

