

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008858.D
 Acq On : 19 May 2022 11:14
 Operator : KP/MD
 Sample : VY0519SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBL01

Quant Time: May 19 16:57:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	161449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	95210	63.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.140%
35) Dibromofluoromethane	7.716	113	90512	55.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.780%
50) Toluene-d8	10.179	98	350282	48.336	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.680%
62) 4-Bromofluorobenzene	12.483	95	100528	39.564	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.120%

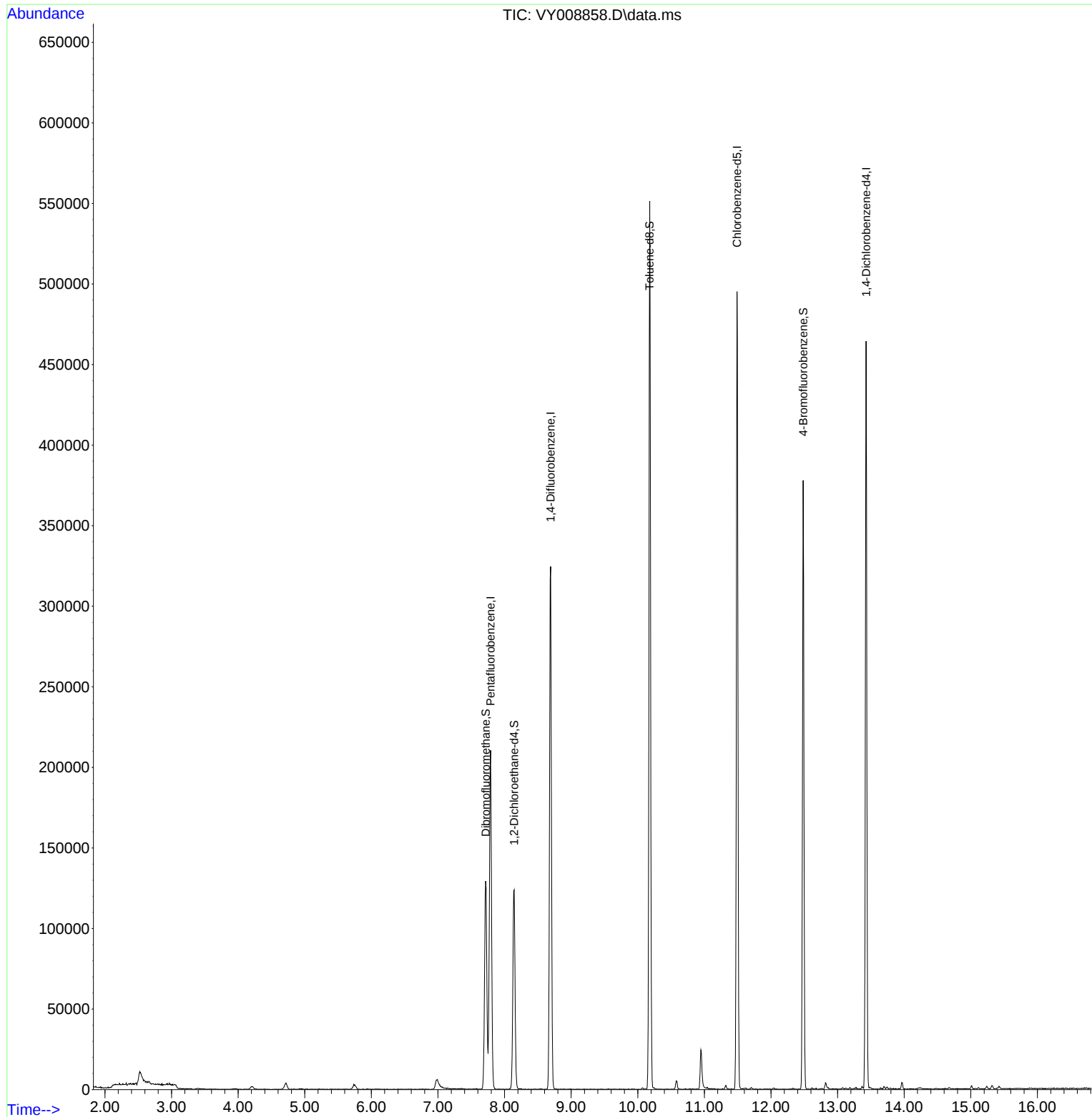
Target Compounds	Qvalue

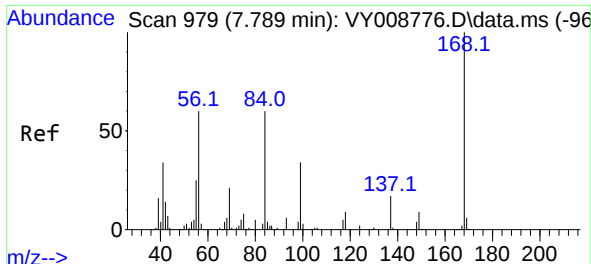
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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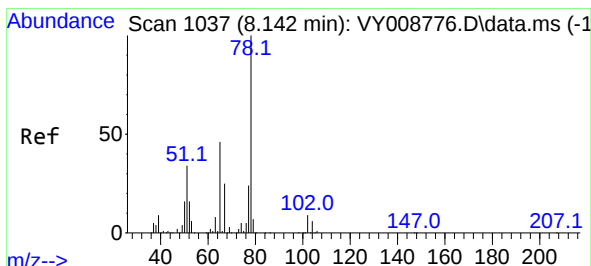
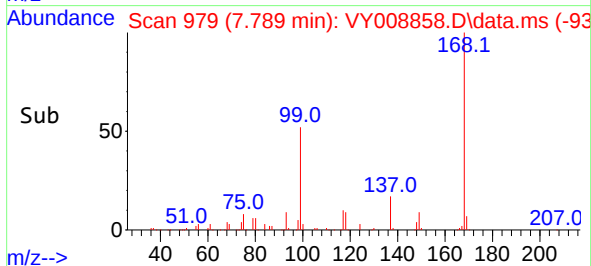
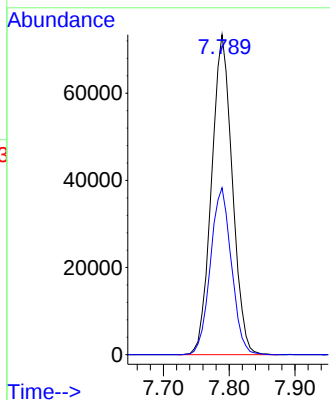
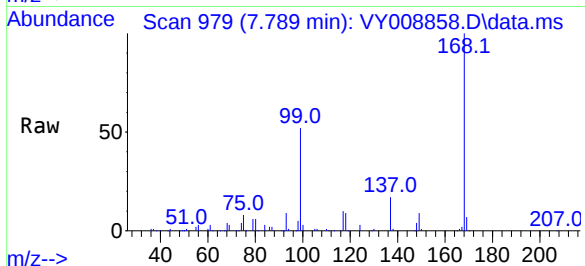




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008858.D
Acq: 19 May 2022 11:14

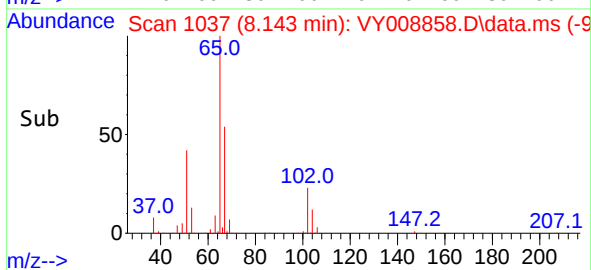
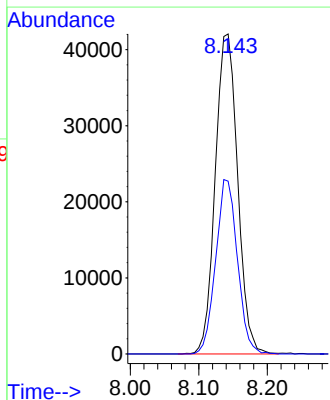
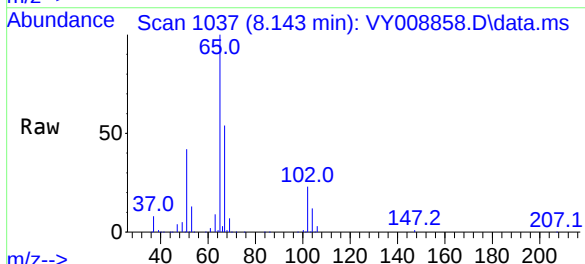
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

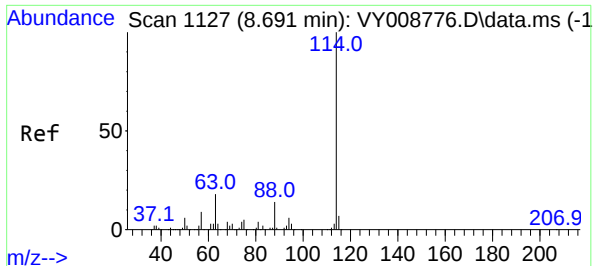
Tgt Ion:168 Resp: 161449
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.568 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008858.D
Acq: 19 May 2022 11:14

Tgt Ion: 65 Resp: 95210
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008858.D

Acq: 19 May 2022 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBL01

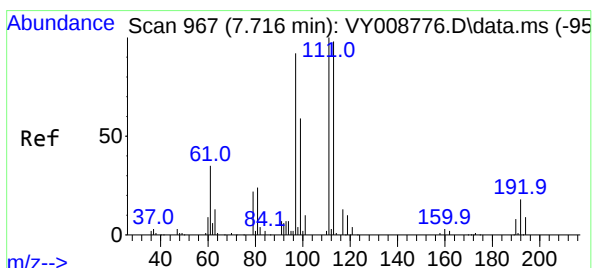
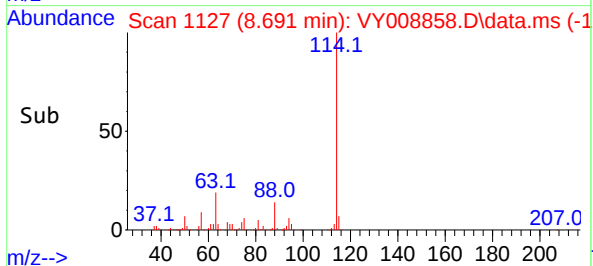
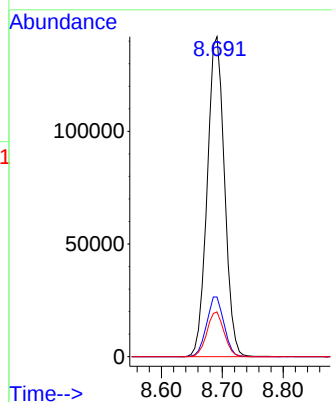
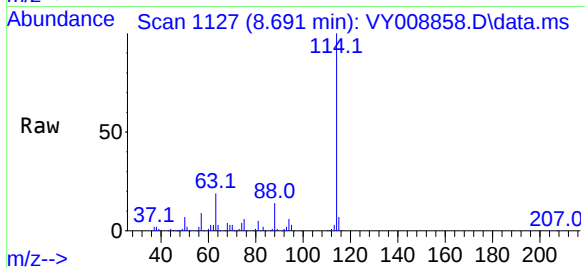
Tgt Ion:114 Resp: 279685

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.388 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008858.D

Acq: 19 May 2022 11:14

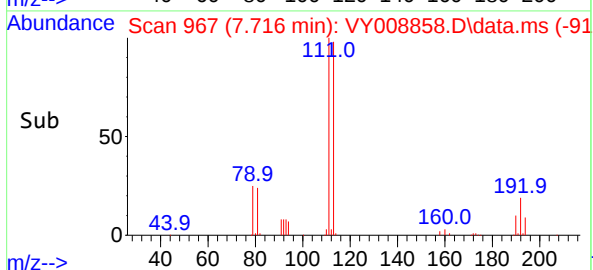
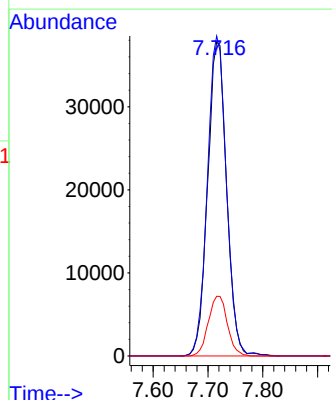
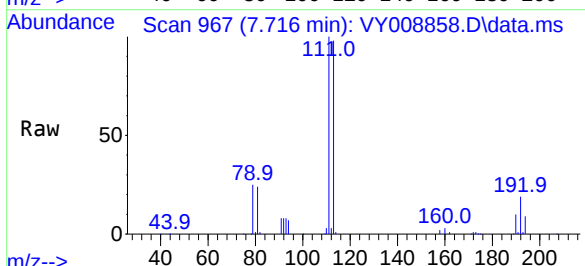
Tgt Ion:113 Resp: 90512

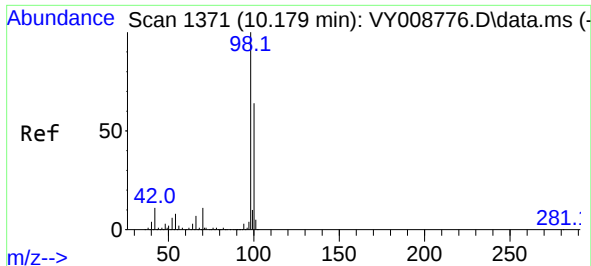
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.1 17.6 26.4

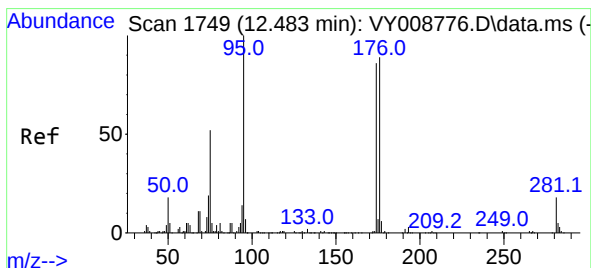
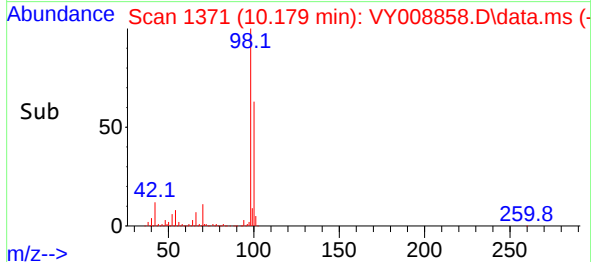
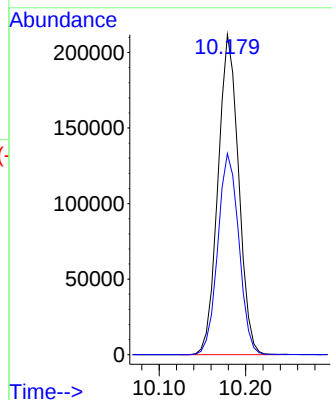
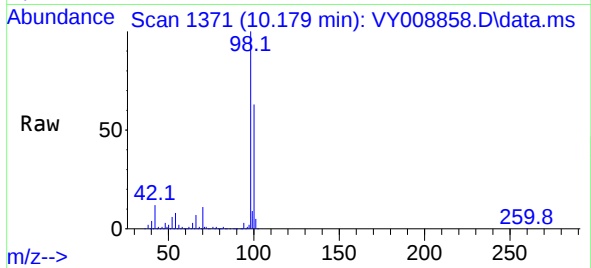




#50
Toluene-d8
Concen: 48.336 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008858.D
Acq: 19 May 2022 11:14

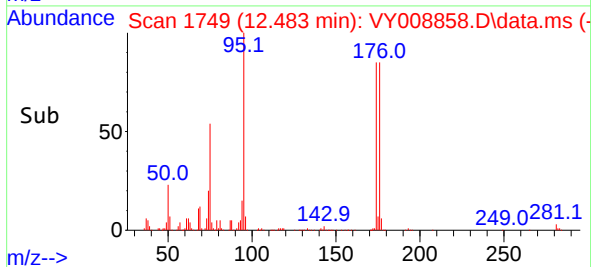
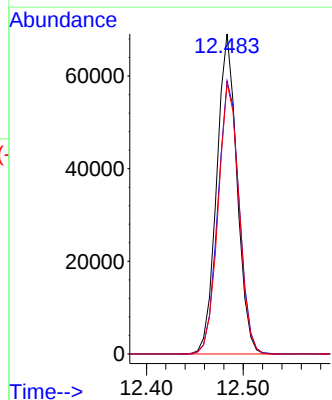
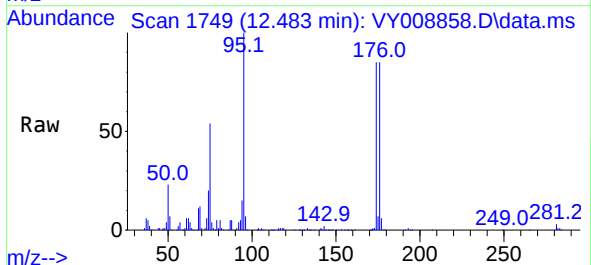
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

Tgt Ion: 98 Resp: 350282
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.564 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008858.D
Acq: 19 May 2022 11:14

Tgt Ion: 95 Resp: 100528
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.0
176 86.6 0.0 175.8

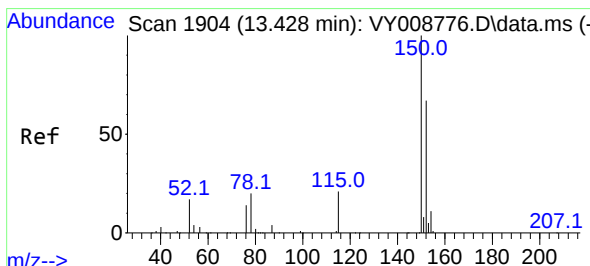
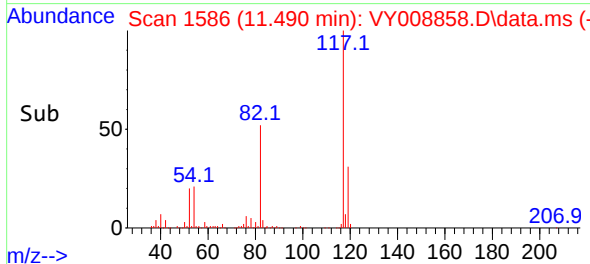
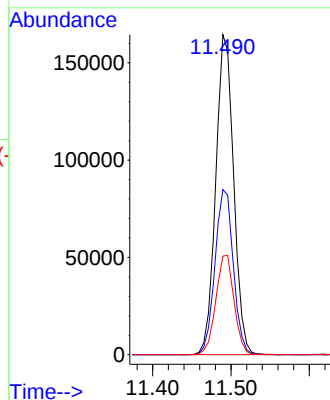
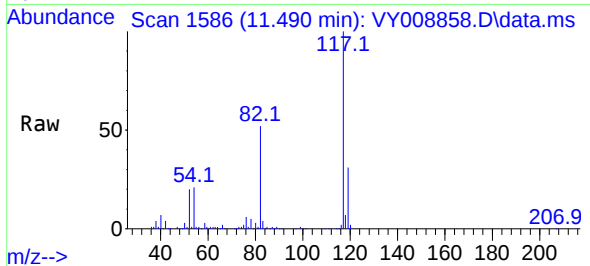




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008858.D
Acq: 19 May 2022 11:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBL01

Tgt Ion:117 Resp: 261088
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 30.8 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: VY008858.D
Acq: 19 May 2022 11:14

Tgt Ion:152 Resp: 111043
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.7 0.0 347.6

