

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008418.D
 Acq On : 20 Apr 2022 15:08
 Operator : KP/MD
 Sample : N2451-04
 Misc : 7.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3145

Quant Time: Apr 21 02:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	96180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	172101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	56361	62.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.760%
35) Dibromofluoromethane	7.716	113	55665	54.934	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.860%
50) Toluene-d8	10.179	98	215091	62.034	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.060%
62) 4-Bromofluorobenzene	12.483	95	80492	61.720	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.440%

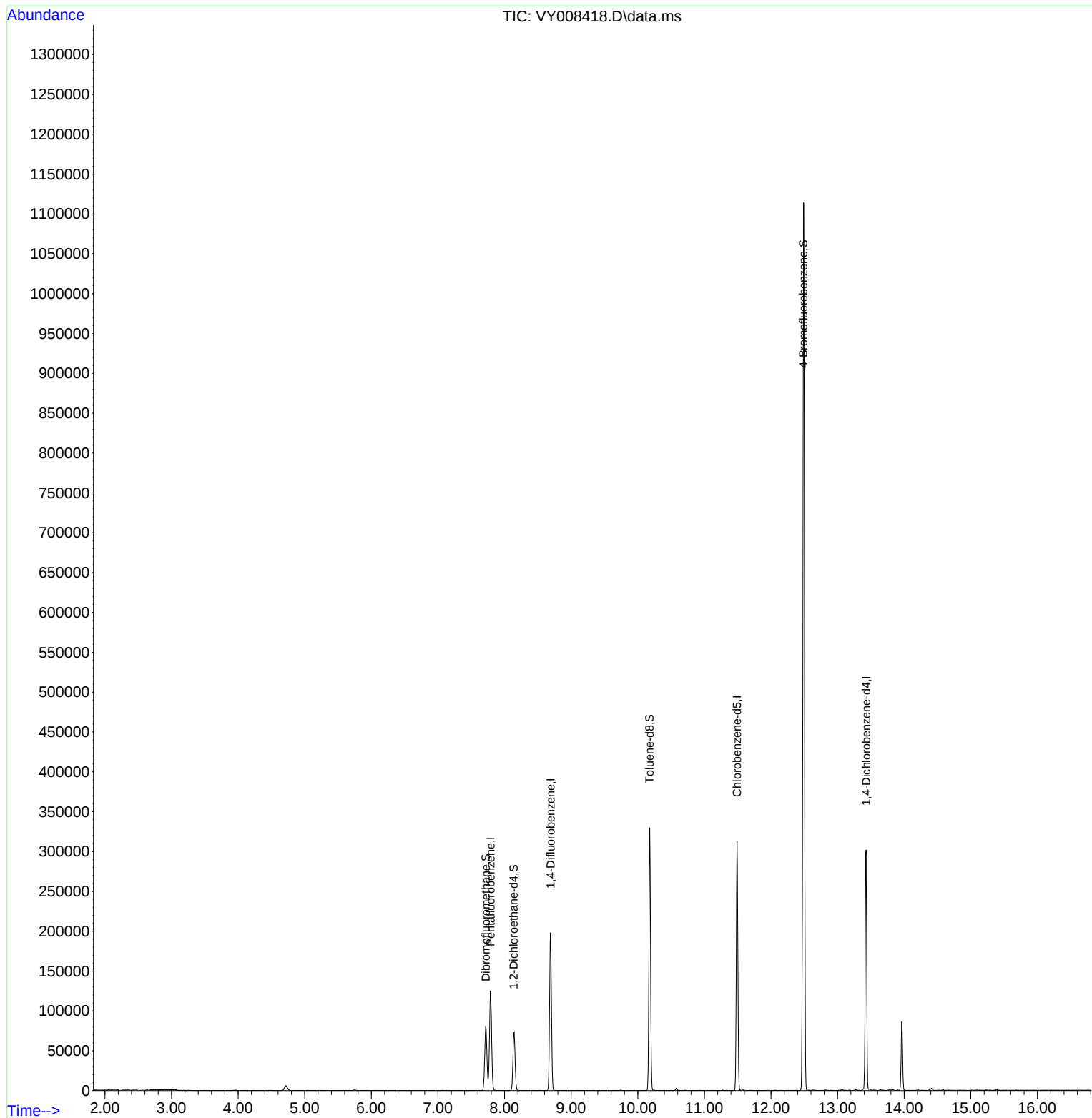
Target Compounds	Qvalue

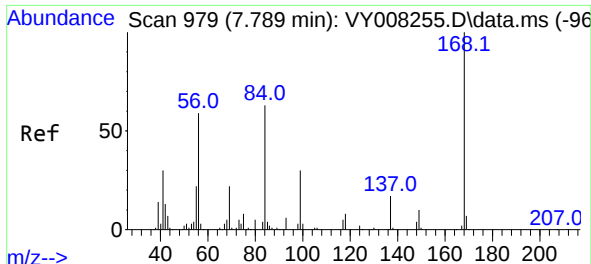
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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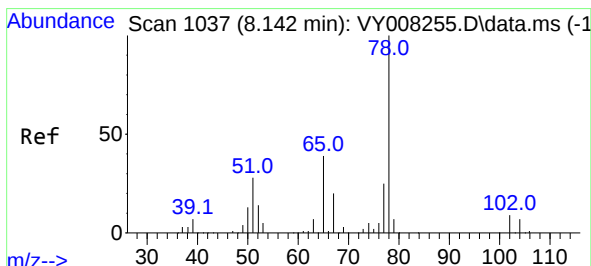
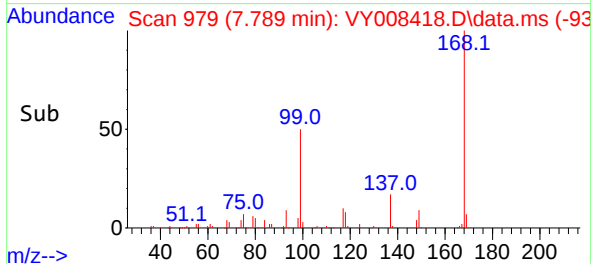
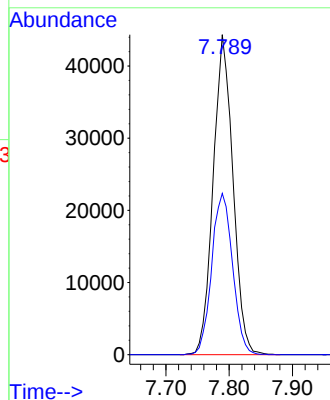
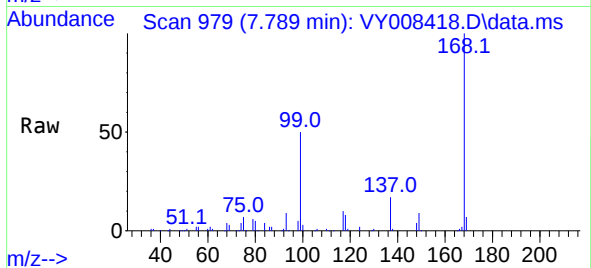




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008418.D
Acq: 20 Apr 2022 15:08

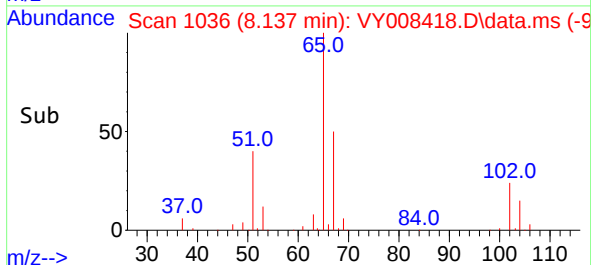
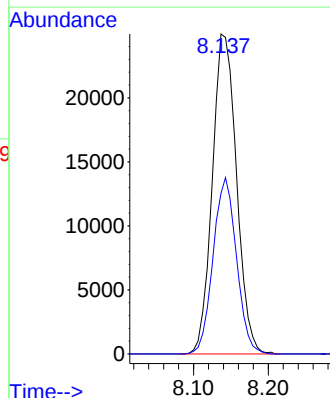
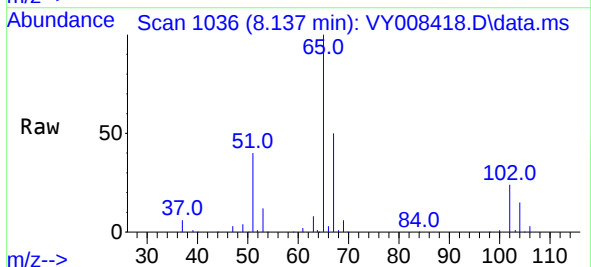
Instrument :
MSVOA_Y
ClientSampleId :
SB-3145

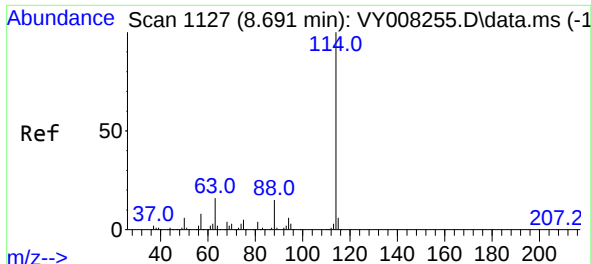
Tgt Ion:168 Resp: 96180
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.385 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY008418.D
Acq: 20 Apr 2022 15:08

Tgt Ion: 65 Resp: 56361
Ion Ratio Lower Upper
65 100
67 53.1 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: VY008418.D

Acq: 20 Apr 2022 15:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-3145

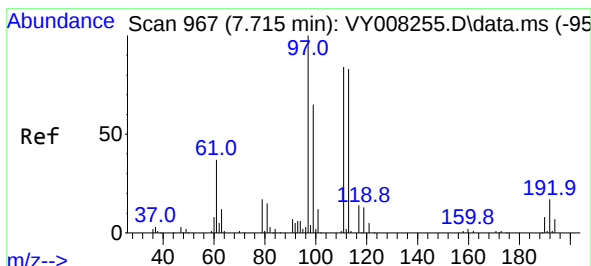
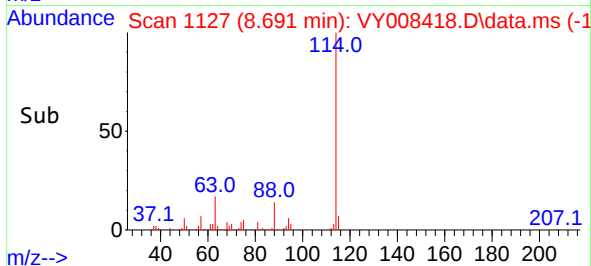
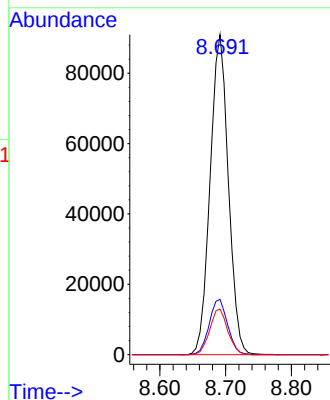
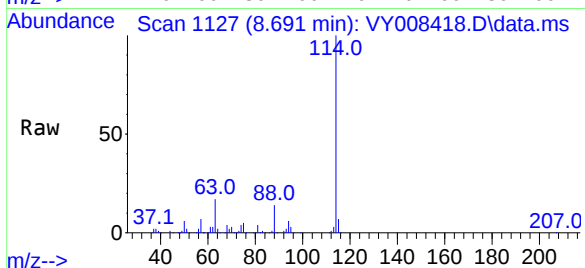
Tgt Ion:114 Resp: 175439

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.934 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008418.D

Acq: 20 Apr 2022 15:08

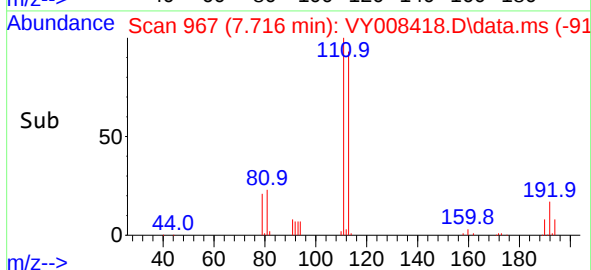
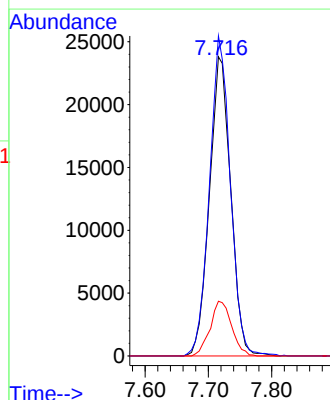
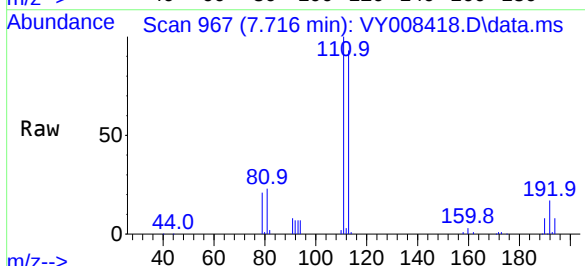
Tgt Ion:113 Resp: 55665

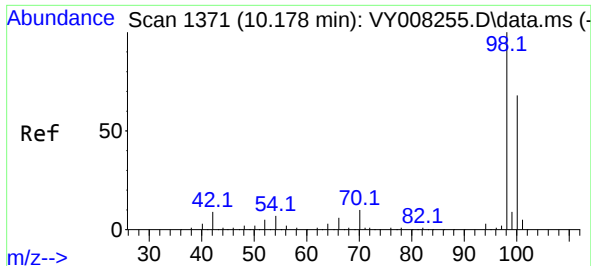
Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

192 18.5 17.6 26.4

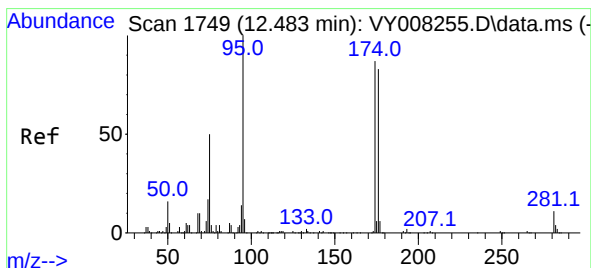
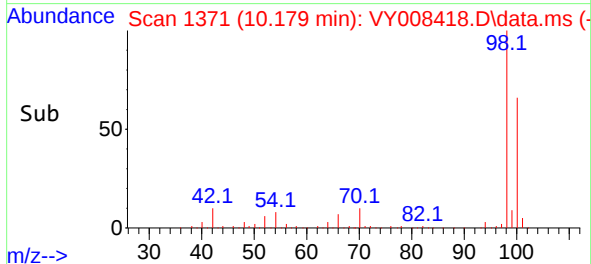
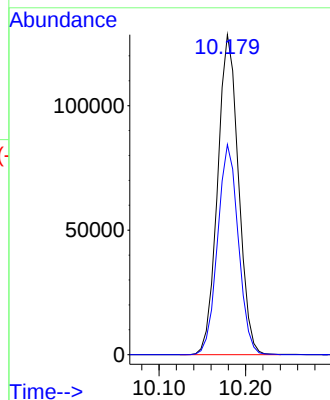
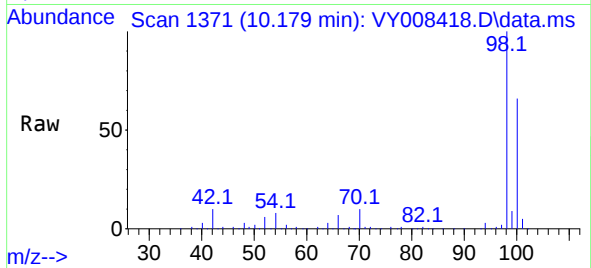




#50
Toluene-d8
Concen: 62.034 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008418.D
Acq: 20 Apr 2022 15:08

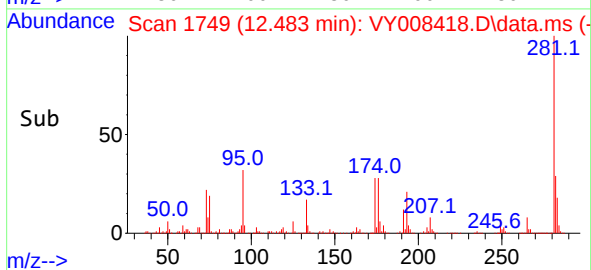
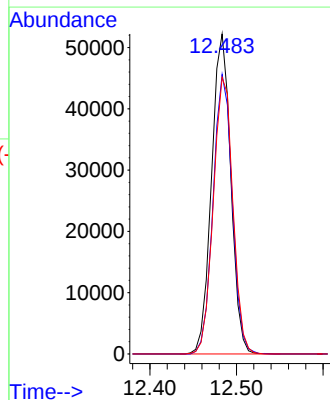
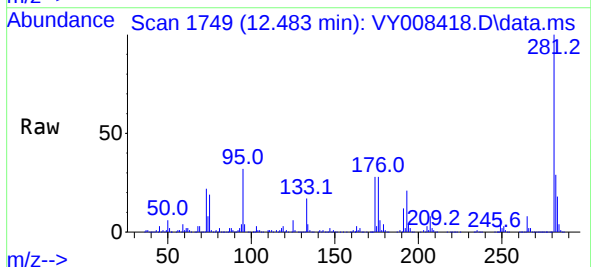
Instrument :
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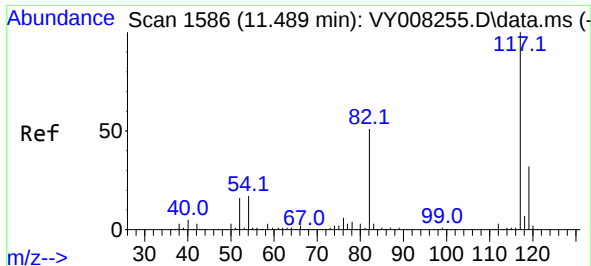
Tgt Ion: 98 Resp: 215091
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 61.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008418.D
Acq: 20 Apr 2022 15:08

Tgt Ion: 95 Resp: 80492
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 87.8 0.0 175.8

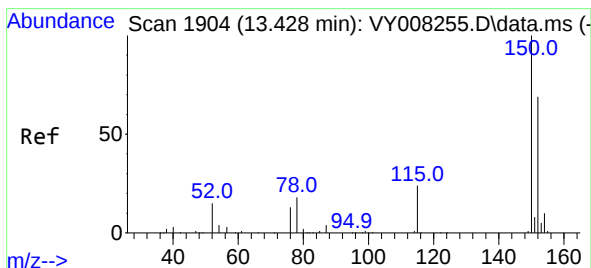
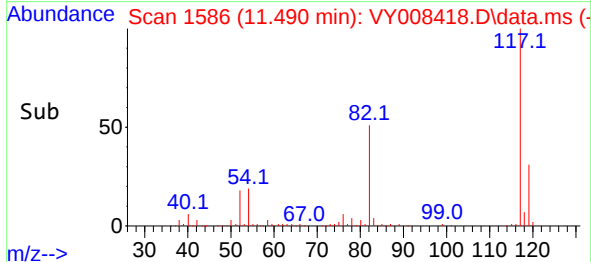
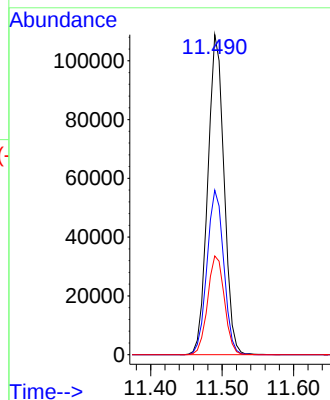
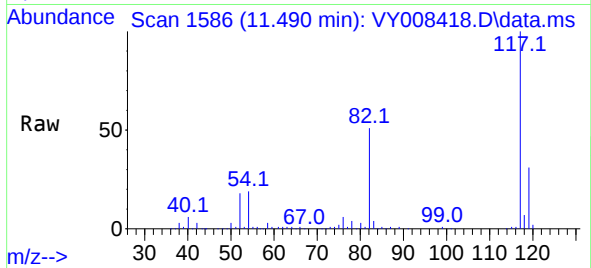




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008418.D
Acq: 20 Apr 2022 15:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-3145

Tgt Ion:117 Resp: 172101
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 30.9 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: VY008418.D
Acq: 20 Apr 2022 15:08

Tgt Ion:152 Resp: 77261
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 159.3 0.0 347.6

