

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008180.D
 Acq On : 04 Apr 2022 15:05
 Operator : SY/MD
 Sample : N2220-04RE
 Misc : 4.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A11105RE

Quant Time: Apr 05 04:41:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	113641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	96792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55378	48.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.140%
35) Dibromofluoromethane	7.722	113	62302	55.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.120%
50) Toluene-d8	10.185	98	200843	47.110	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.220%
62) 4-Bromofluorobenzene	12.489	95	27284	18.140	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	36.280%

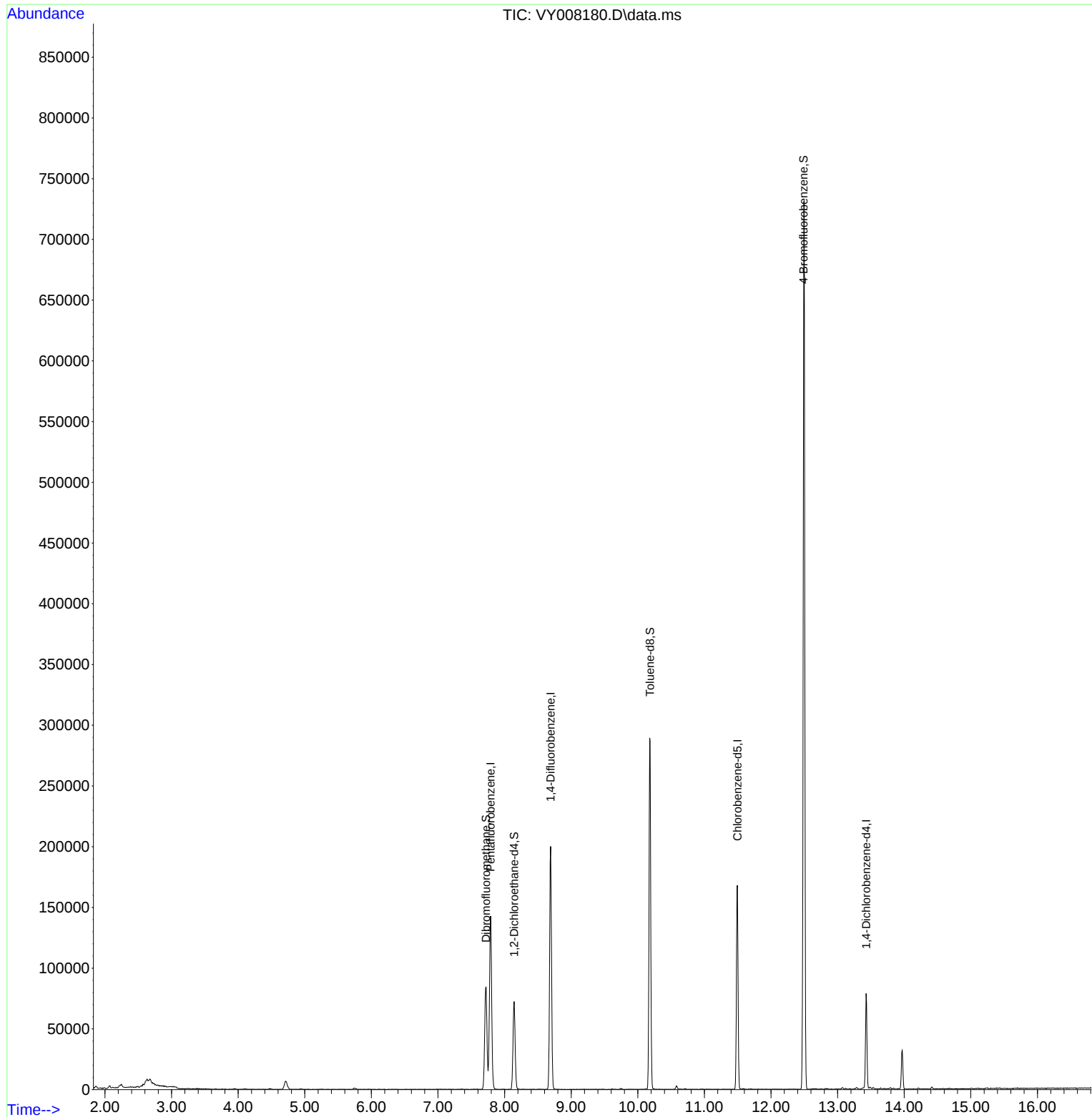
Target Compounds	Qvalue

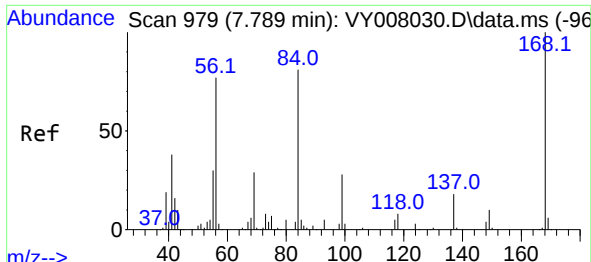
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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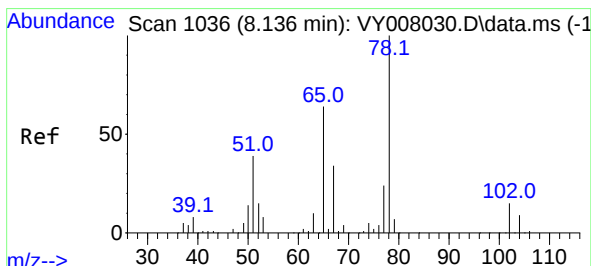
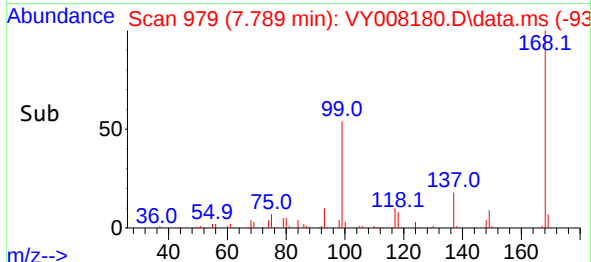
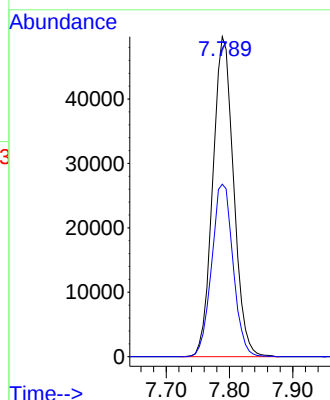
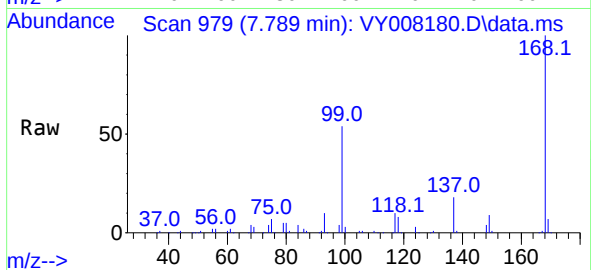




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008180.D
Acq: 04 Apr 2022 15:05

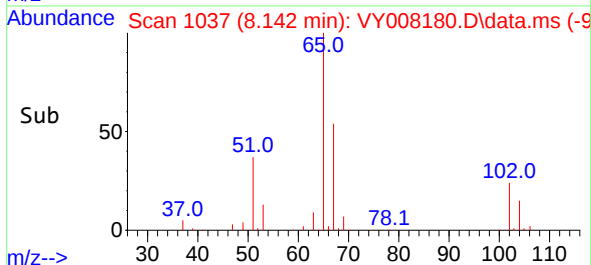
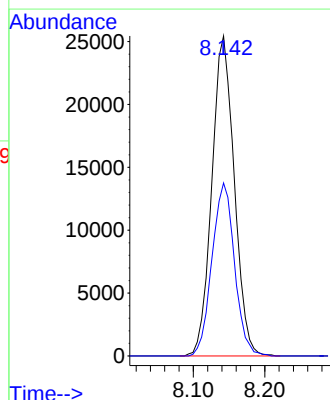
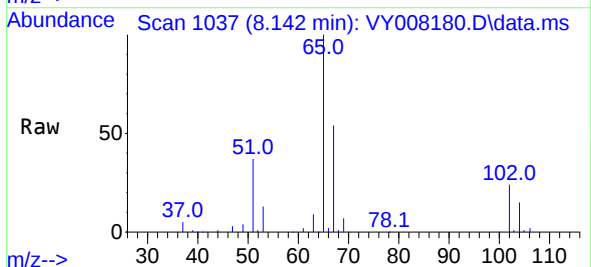
Instrument :
MSVOA_Y
ClientSampleId :
A11105RE

Tgt Ion:168 Resp: 113641
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.570 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008180.D
Acq: 04 Apr 2022 15:05

Tgt Ion: 65 Resp: 55378
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008180.D

Acq: 04 Apr 2022 15:05

Instrument :

MSVOA_Y

ClientSampleId :

A11105RE

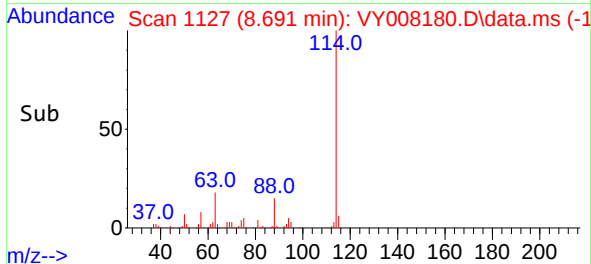
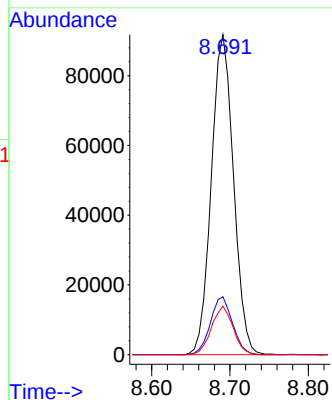
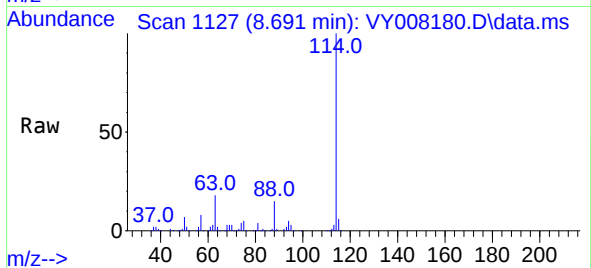
Tgt Ion:114 Resp: 180483

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.058 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008180.D

Acq: 04 Apr 2022 15:05

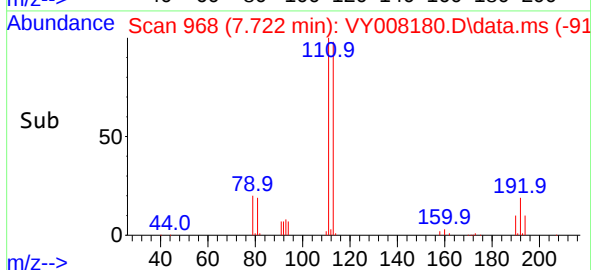
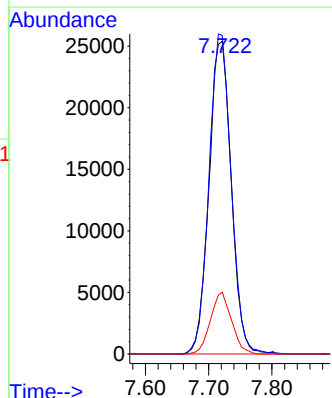
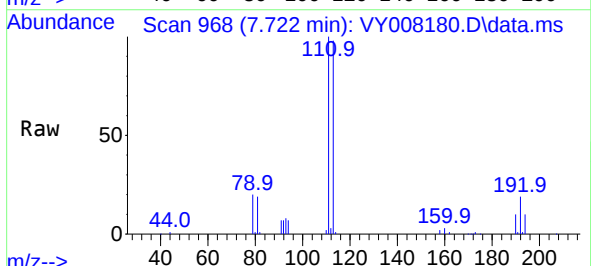
Tgt Ion:113 Resp: 62302

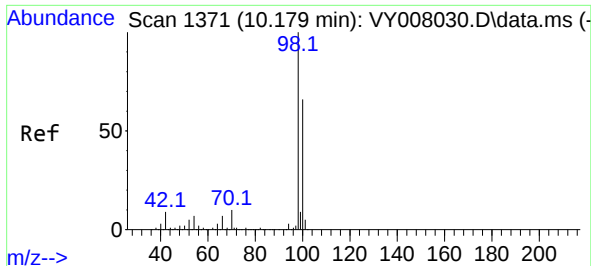
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 18.6 17.6 26.4

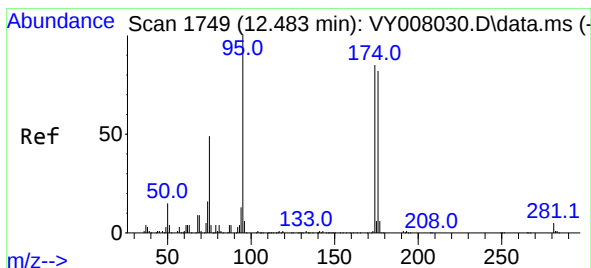
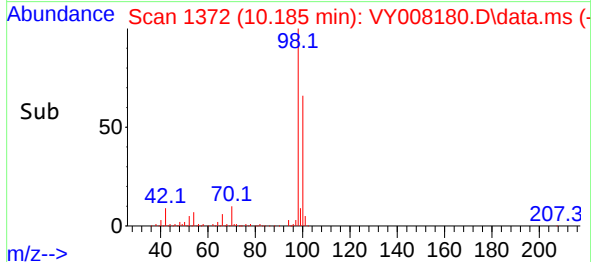
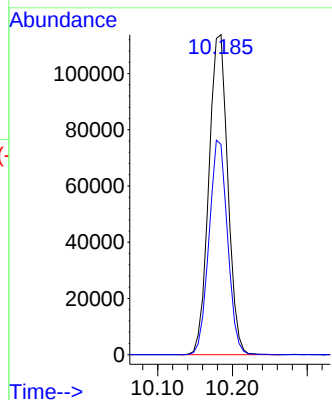
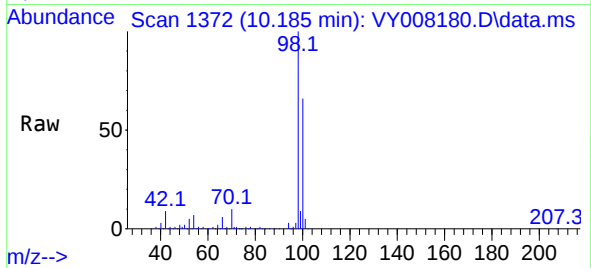




#50
Toluene-d8
Concen: 47.110 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008180.D
Acq: 04 Apr 2022 15:05

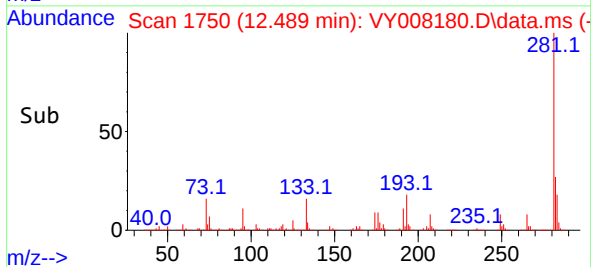
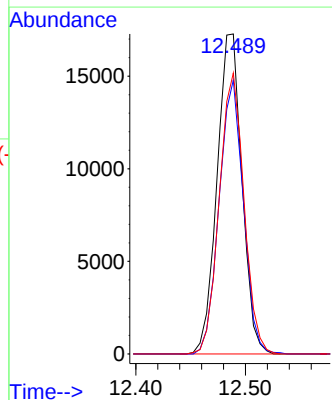
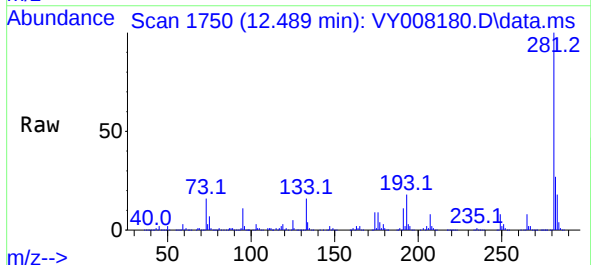
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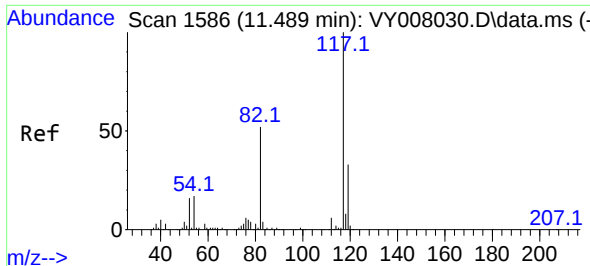
Tgt Ion: 98 Resp: 200843
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 18.140 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008180.D
Acq: 04 Apr 2022 15:05

Tgt Ion: 95 Resp: 27284
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 86.8 0.0 175.8

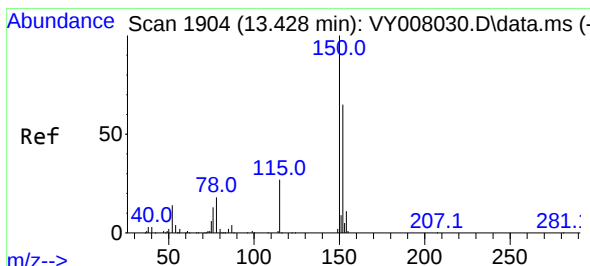
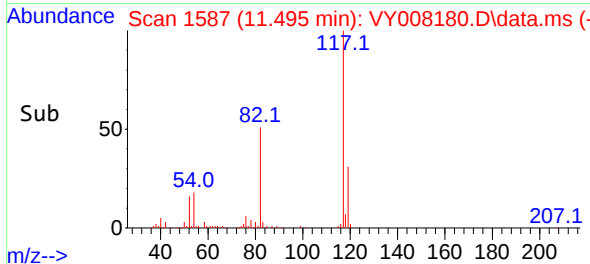
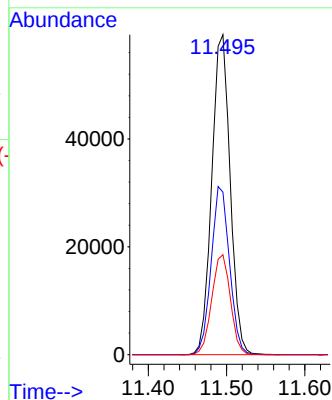
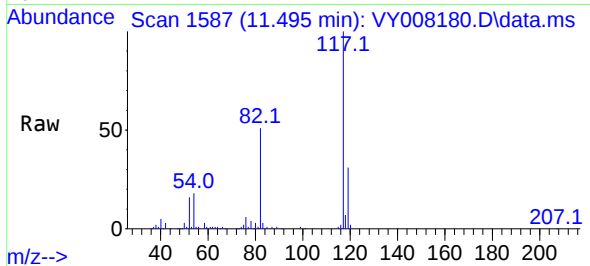




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008180.D
Acq: 04 Apr 2022 15:05

Instrument :
MSVOA_Y
ClientSampleId :
A11105RE

Tgt Ion:117 Resp: 96792
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 31.2 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: VY008180.D
Acq: 04 Apr 2022 15:05

Tgt Ion:152 Resp: 18951
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 160.7 0.0 347.6

