

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008204.D
 Acq On : 05 Apr 2022 13:06
 Operator : SY/MD
 Sample : N2220-16RE
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A09015RE

Quant Time: Apr 06 03:56:24 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	104892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	167250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	93847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48394	45.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.980%
35) Dibromofluoromethane	7.722	113	56390	53.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.560%
50) Toluene-d8	10.179	98	187507	47.462	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.483	95	24898	17.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	35.720%

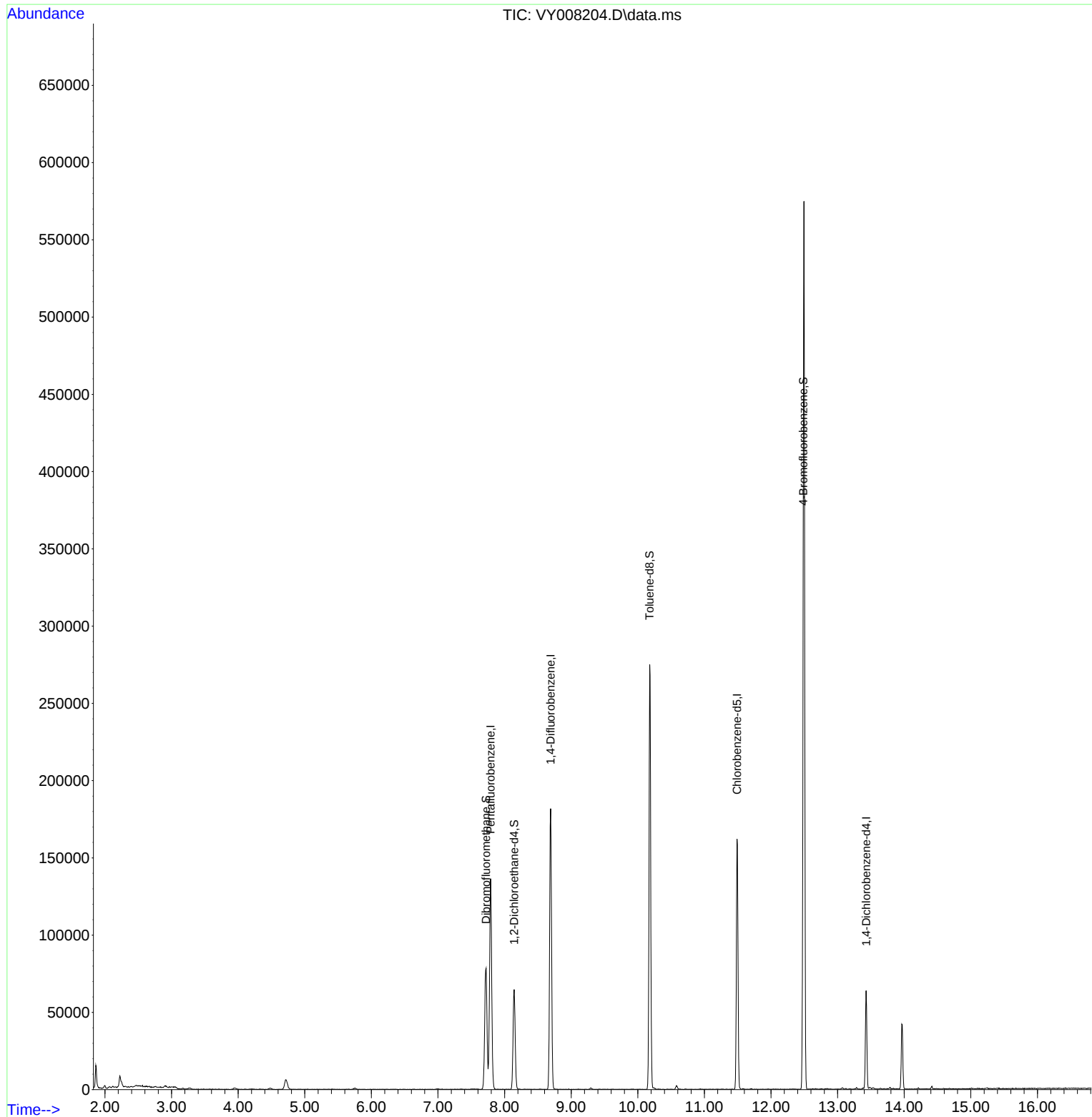
Target Compounds	Qvalue

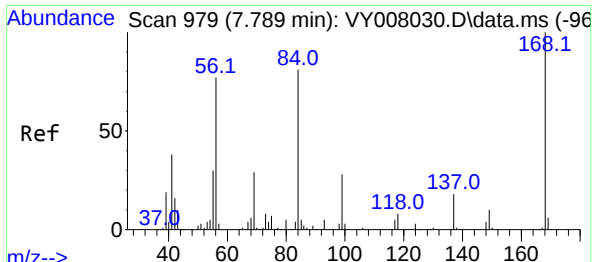
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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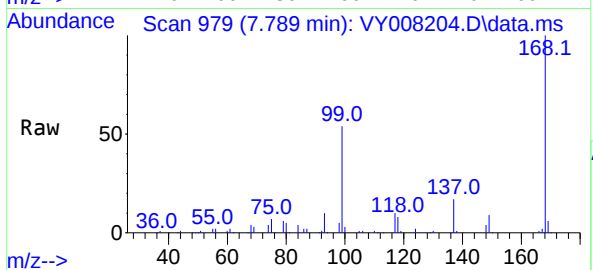
Quant Time: Apr 06 03:56:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
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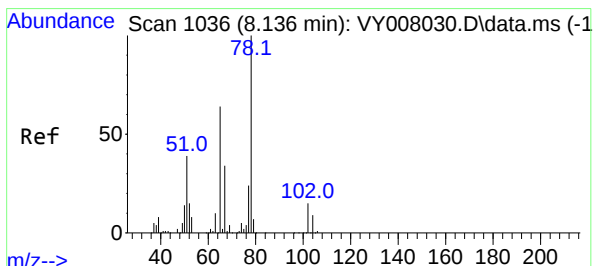
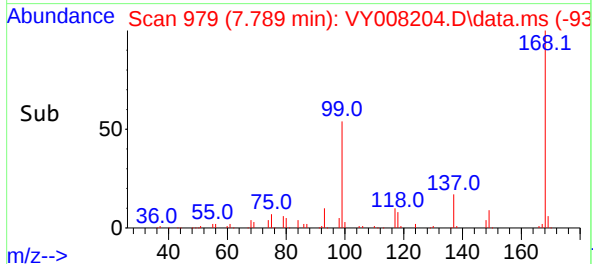
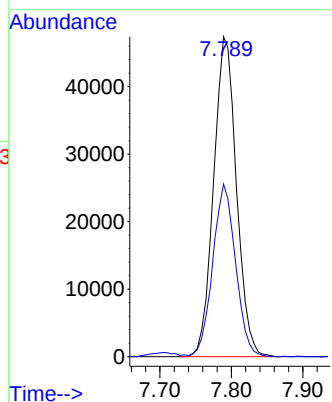


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Instrument :
MSVOA_Y
ClientSampleId :
A09015RE

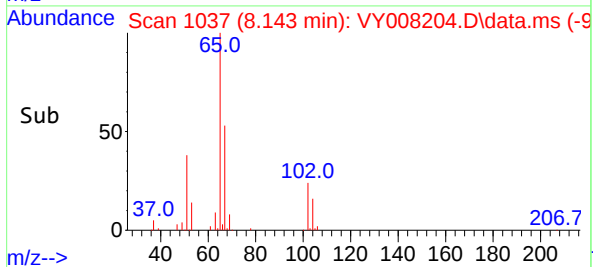
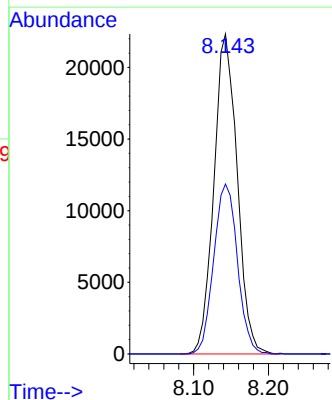
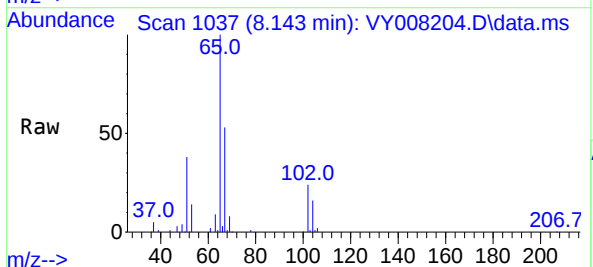


Tgt Ion:168 Resp: 104892
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.985 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Tgt Ion: 65 Resp: 48394
Ion Ratio Lower Upper
65 100
67 54.1 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: VY008204.D

Acq: 05 Apr 2022 13:06

Instrument :

MSVOA_Y

ClientSampleId :

A09015RE

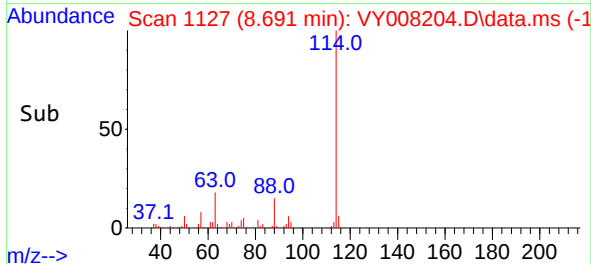
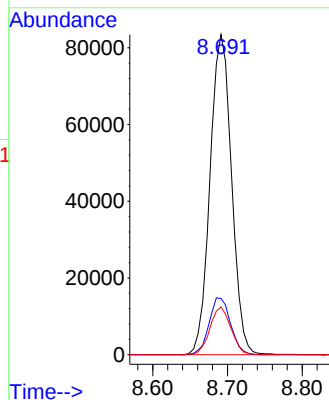
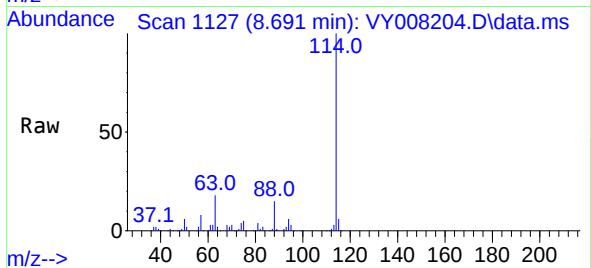
Tgt Ion:114 Resp: 167250

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.776 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008204.D

Acq: 05 Apr 2022 13:06

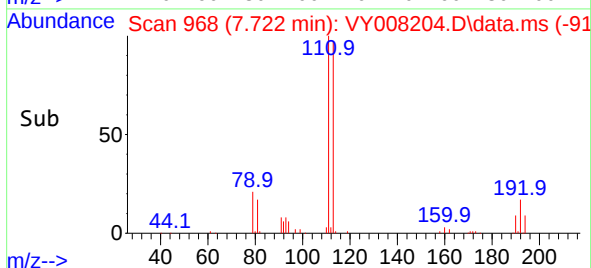
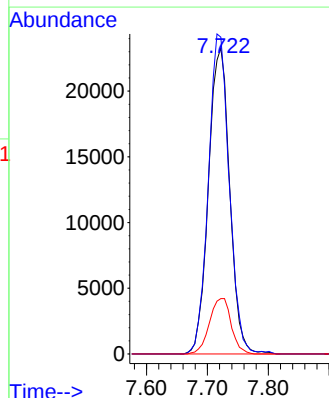
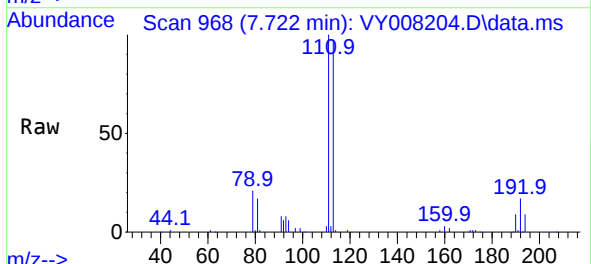
Tgt Ion:113 Resp: 56390

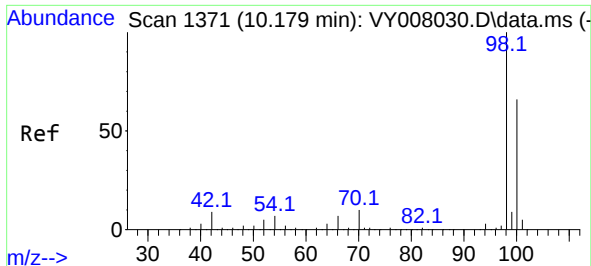
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.6 17.6 26.4

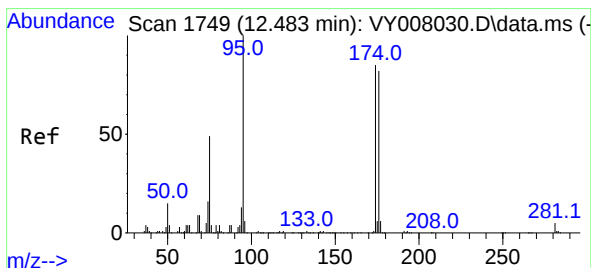
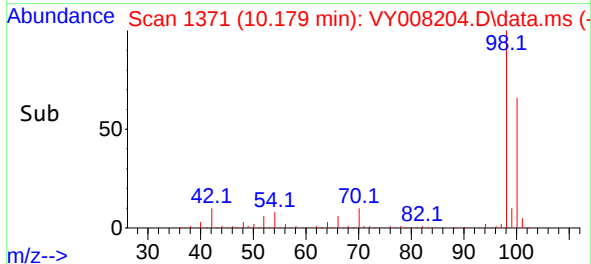
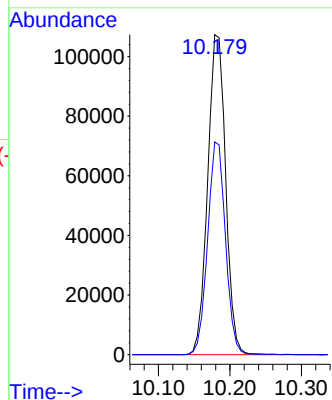
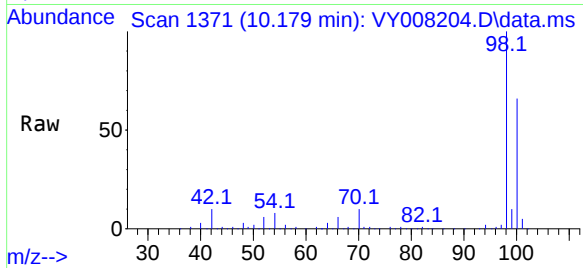




#50
Toluene-d8
Concen: 47.462 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

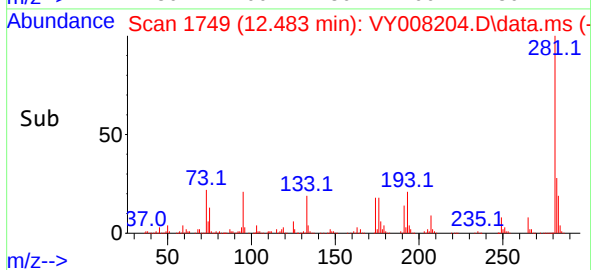
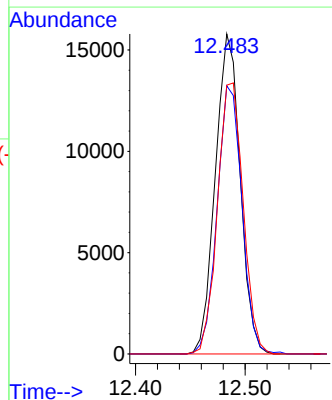
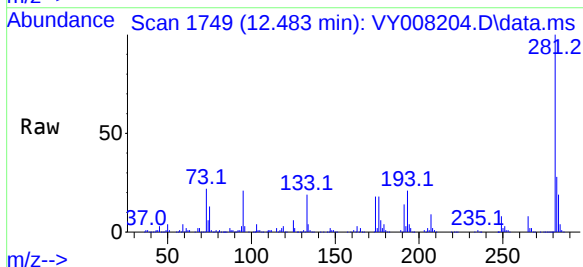
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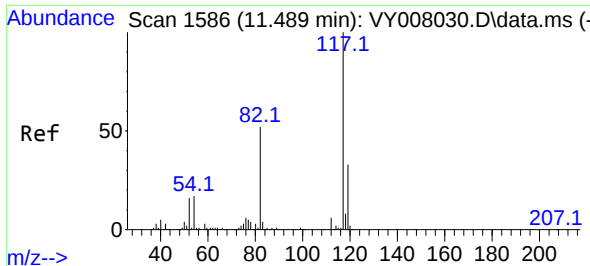
Tgt Ion: 98 Resp: 187507
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 17.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Tgt Ion: 95 Resp: 24898
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 87.1 0.0 175.8

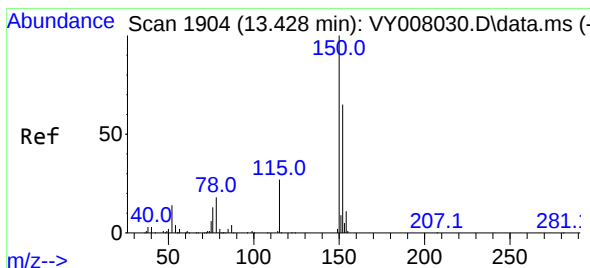
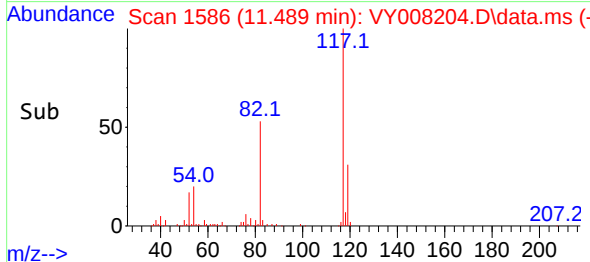
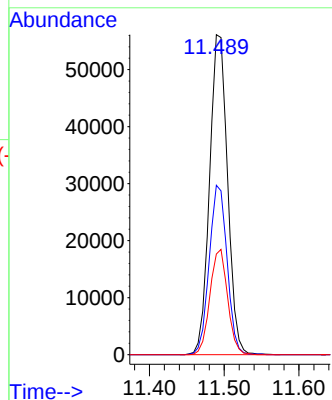
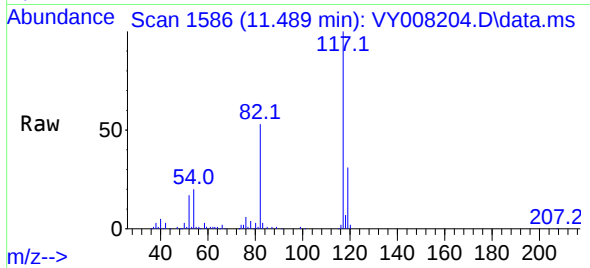




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008204.D
Acq: 05 Apr 2022 13:06

Instrument :
MSVOA_Y
ClientSampleId :
A09015RE

Tgt Ion:117 Resp: 93847
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.4 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: VY008204.D
Acq: 05 Apr 2022 13:06

Tgt Ion:152 Resp: 16214
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 159.2 0.0 347.6

