

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008211.D
 Acq On : 05 Apr 2022 15:50
 Operator : SY/MD
 Sample : N2237-06
 Misc : 3.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A01015

Quant Time: Apr 06 03:57:56 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	120916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	187117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62730	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66101	54.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.980%
35) Dibromofluoromethane	7.716	113	66934	49.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.179	98	260639	51.516	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.483	95	74455	41.712	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.420%

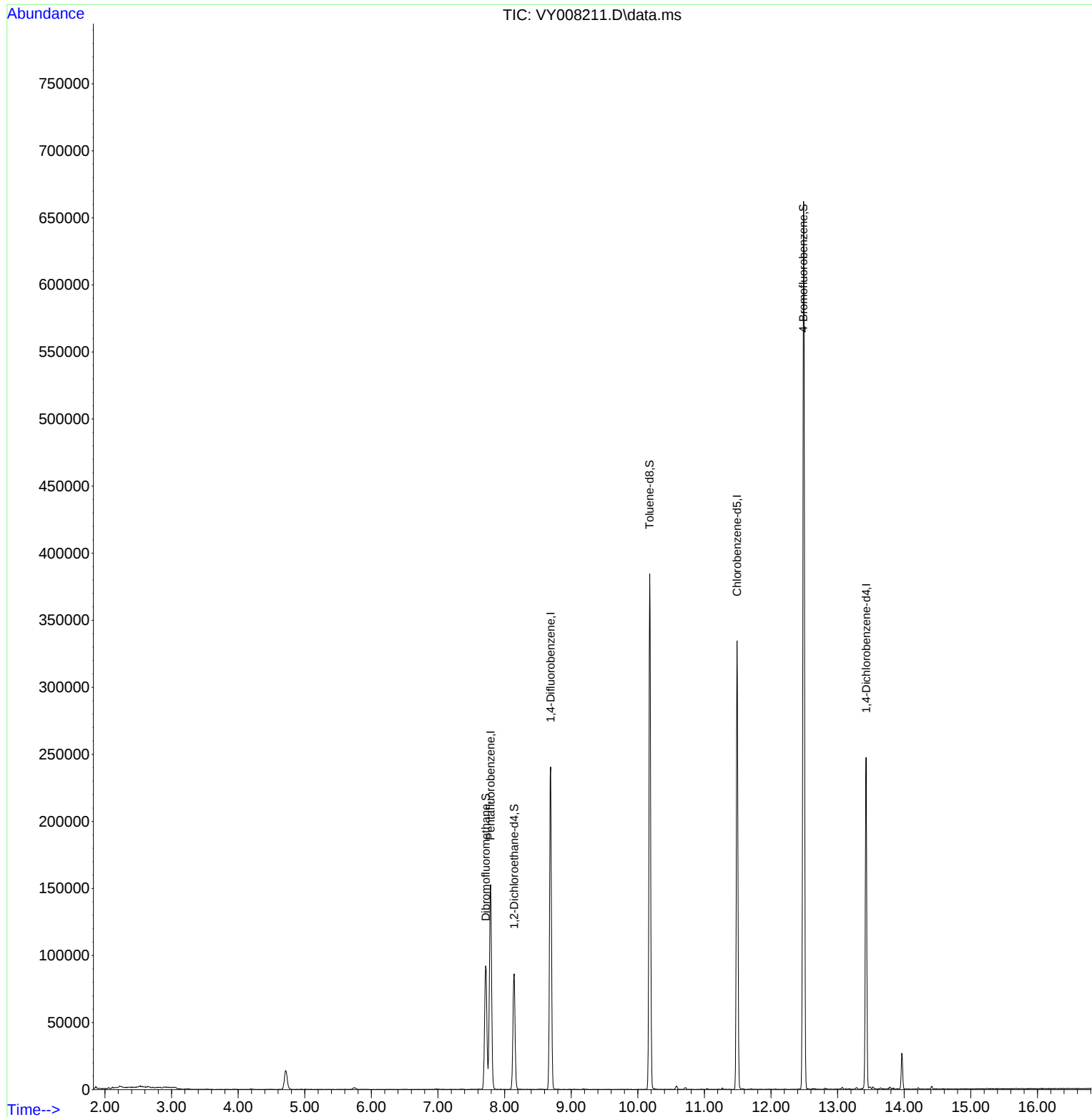
Target Compounds	Qvalue

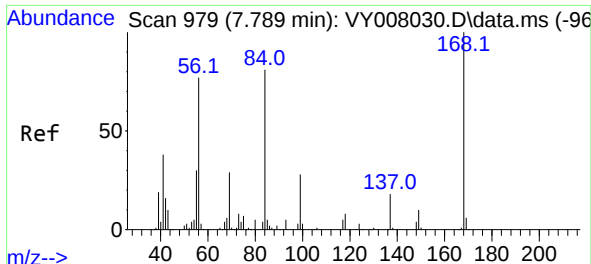
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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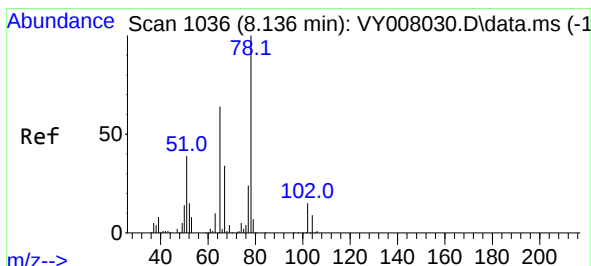
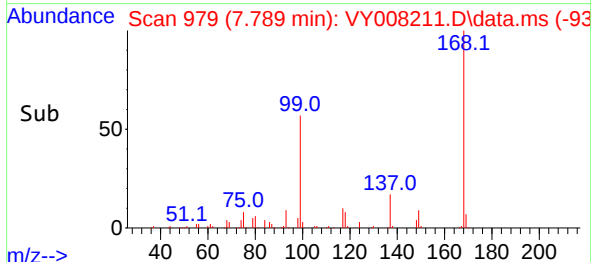
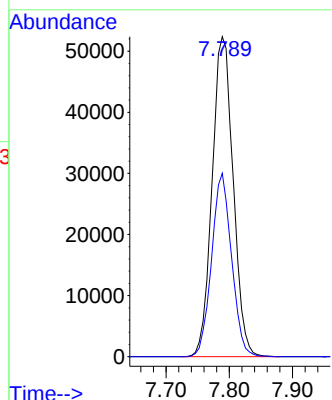
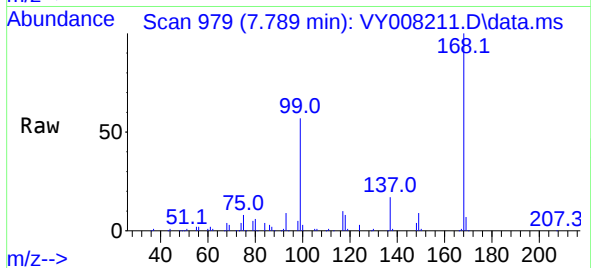




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008211.D
Acq: 05 Apr 2022 15:50

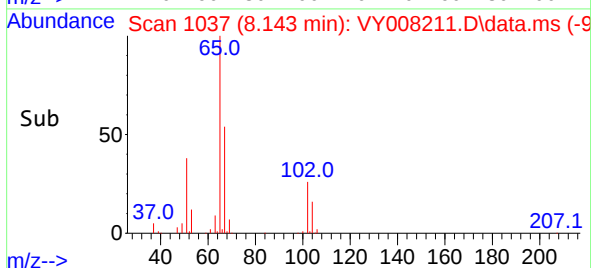
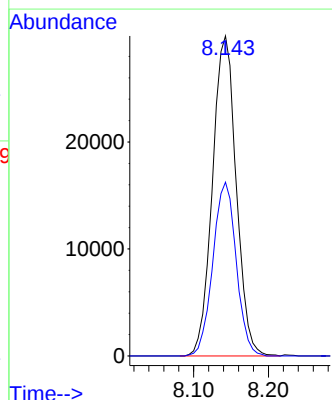
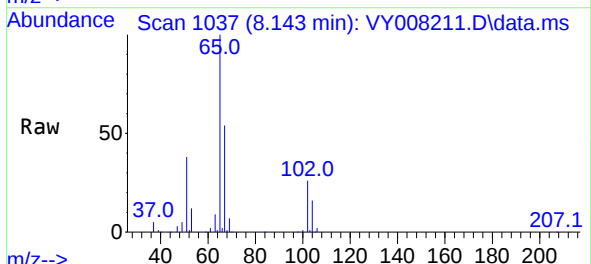
Instrument :
MSVOA_Y
ClientSampleId :
A01015

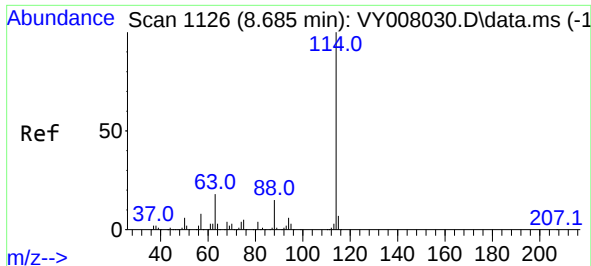
Tgt Ion:168 Resp: 120916
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.487 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008211.D
Acq: 05 Apr 2022 15:50

Tgt Ion: 65 Resp: 66101
Ion Ratio Lower Upper
65 100
67 53.3 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: VY008211.D

Acq: 05 Apr 2022 15:50

Instrument :

MSVOA_Y

ClientSampleId :

A01015

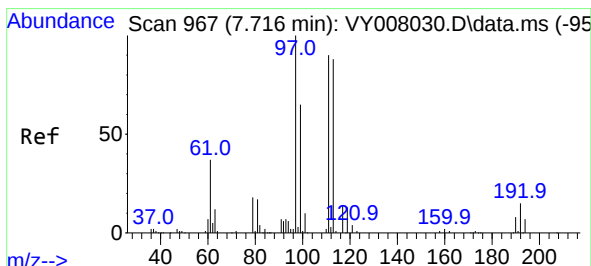
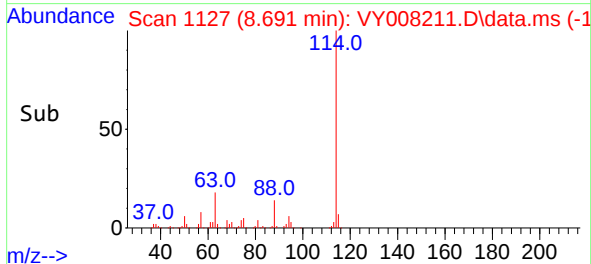
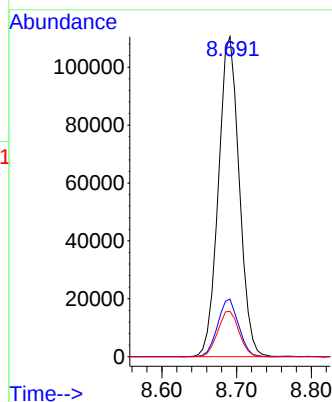
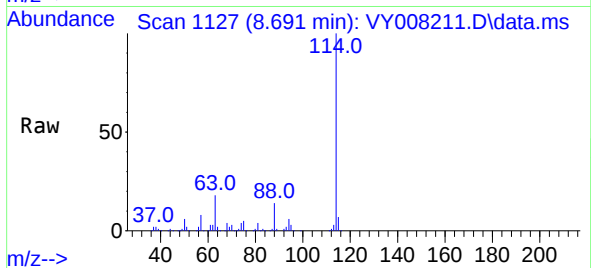
Tgt Ion:114 Resp: 214189

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.843 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008211.D

Acq: 05 Apr 2022 15:50

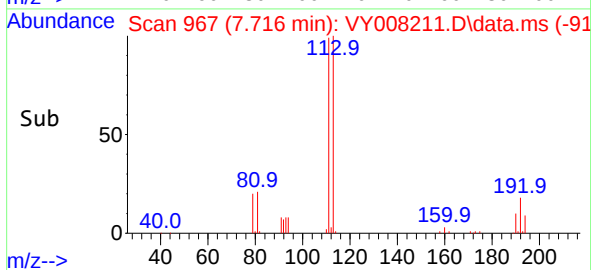
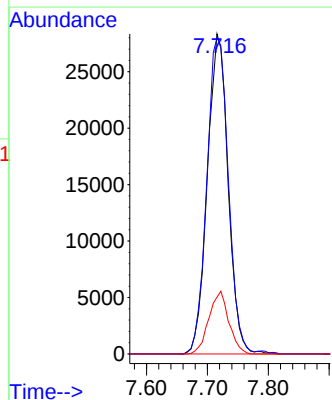
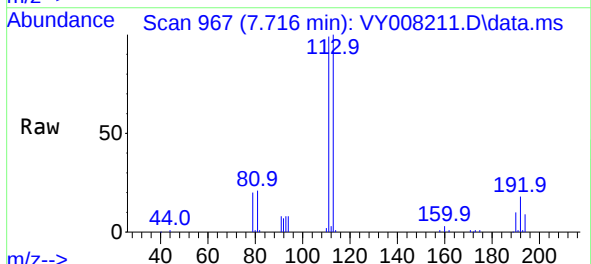
Tgt Ion:113 Resp: 66934

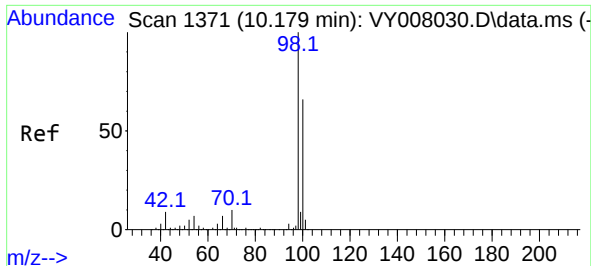
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.8 17.6 26.4

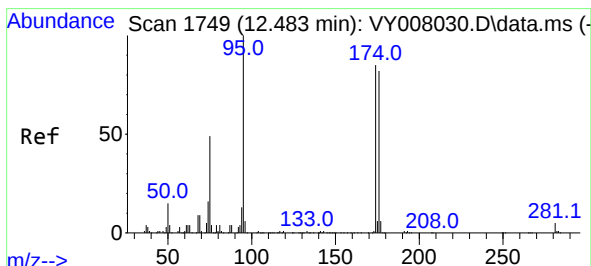
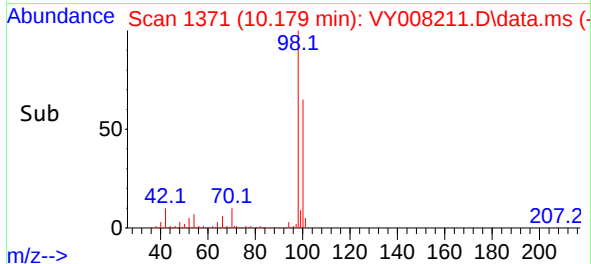
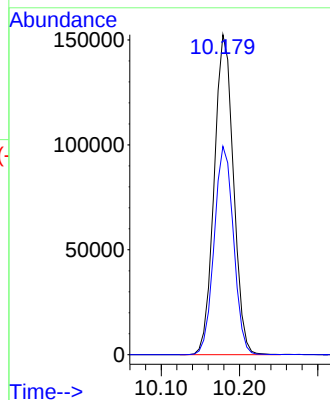
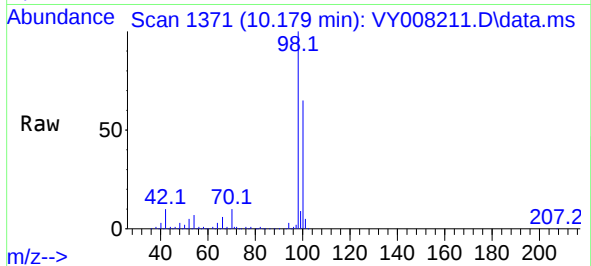




#50
Toluene-d8
Concen: 51.516 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008211.D
Acq: 05 Apr 2022 15:50

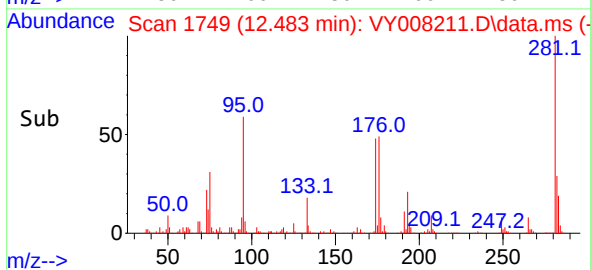
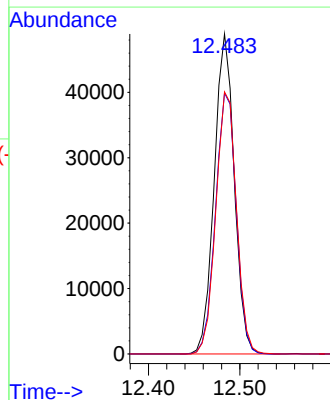
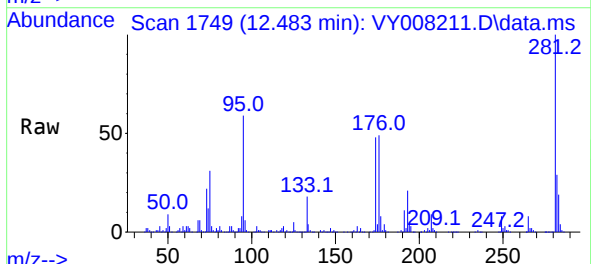
Instrument :
MSVOA_Y
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A01015

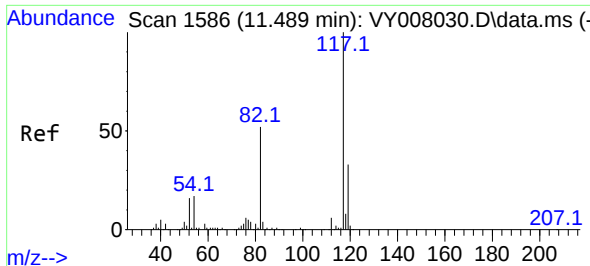
Tgt Ion: 98 Resp: 260639
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.712 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008211.D
Acq: 05 Apr 2022 15:50

Tgt Ion: 95 Resp: 74455
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 84.4 0.0 175.8

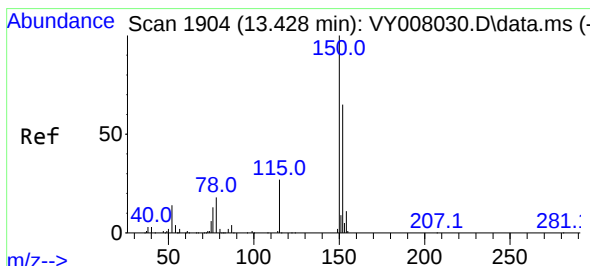
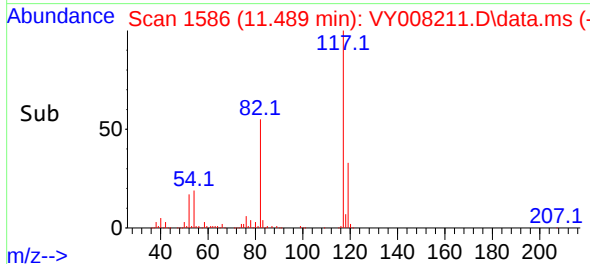
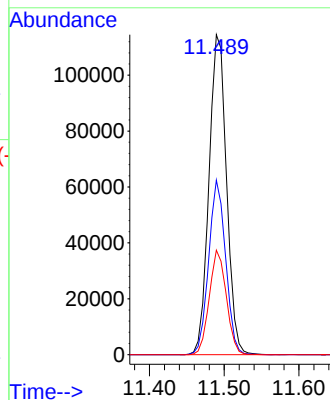
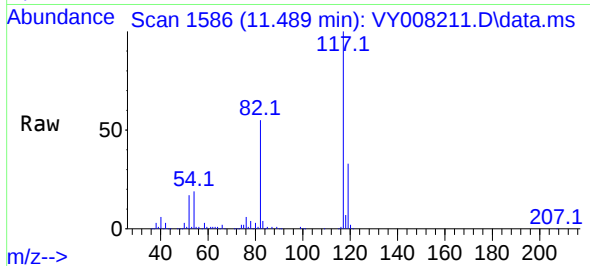




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY008211.D
Acq: 05 Apr 2022 15:50

Instrument :
MSVOA_Y
ClientSampleId :
A01015

Tgt Ion:117 Resp: 187117
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.6 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: VY008211.D
Acq: 05 Apr 2022 15:50

Tgt Ion:152 Resp: 62730
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 155.4 0.0 347.6

