

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006678.D
 Acq On : 08 Nov 2021 14:21
 Operator : SY/MD
 Sample : M4498-07
 Misc : 5.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-LS

Quant Time: Nov 09 13:04:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	107732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	170274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69208	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82136	61.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.920%
35) Dibromofluoromethane	7.722	113	54659	53.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.820%
50) Toluene-d8	10.185	98	236591	54.532	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.060%
62) 4-Bromofluorobenzene	12.483	95	74596	51.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.080%

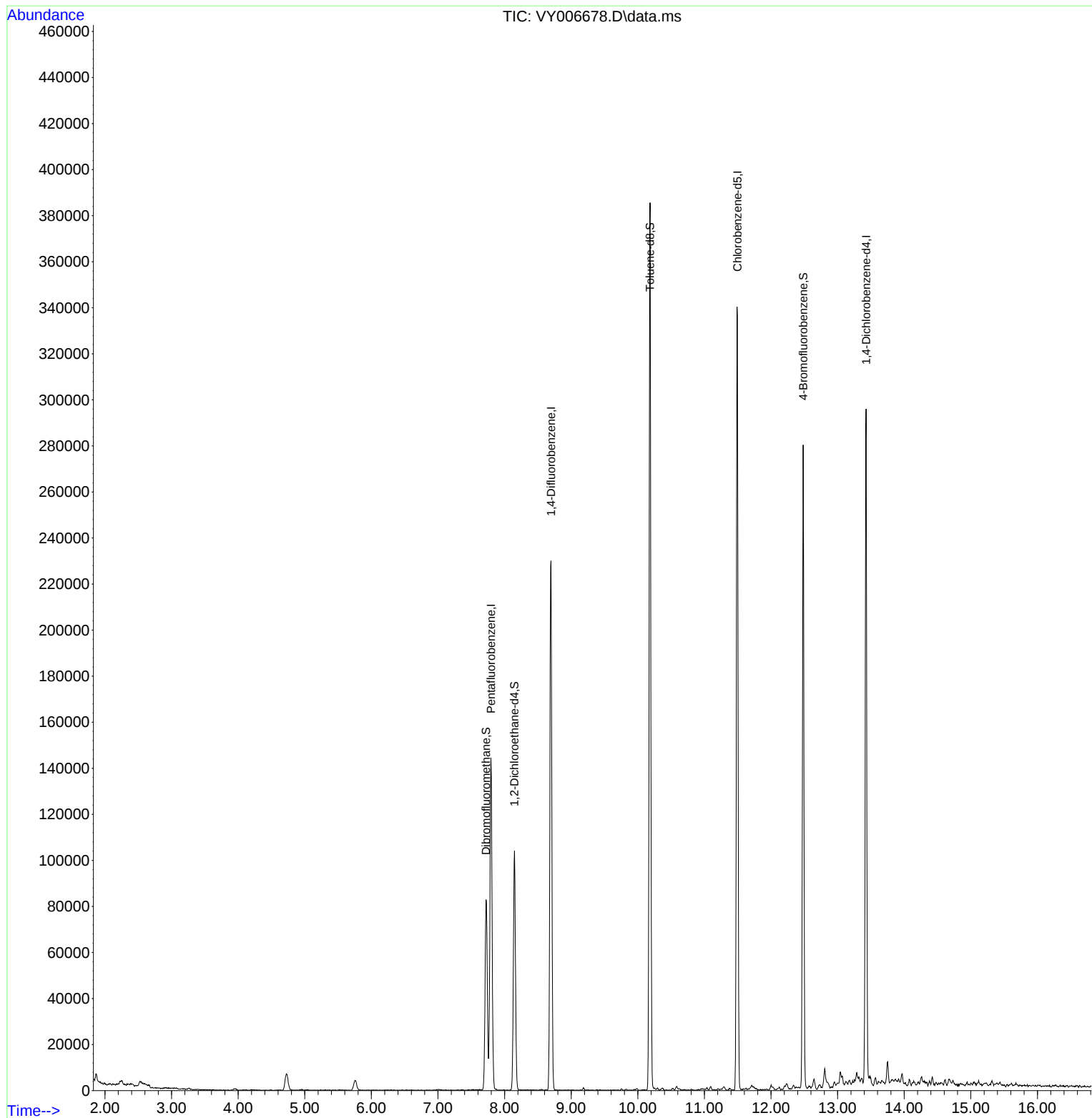
Target Compounds	Qvalue

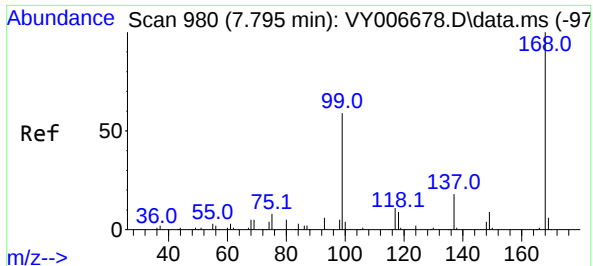
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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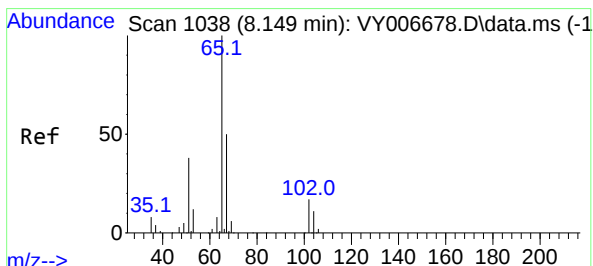
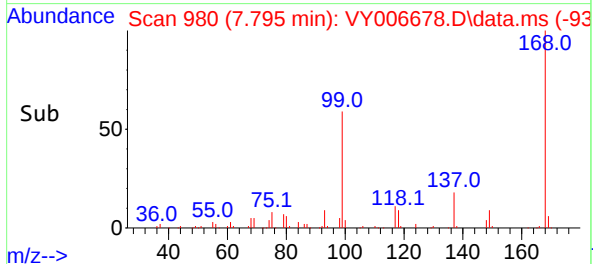
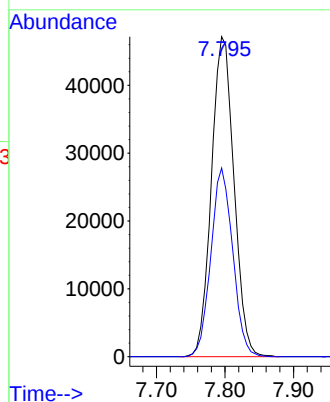
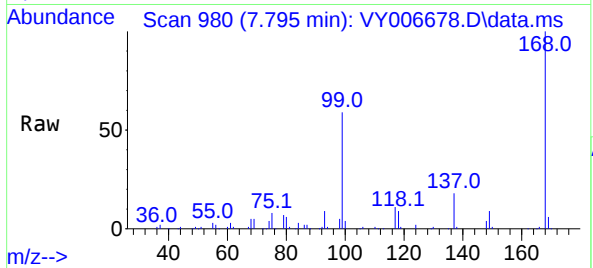




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

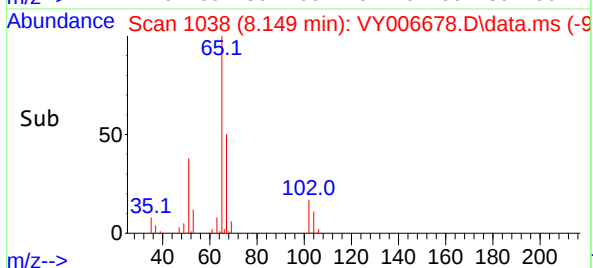
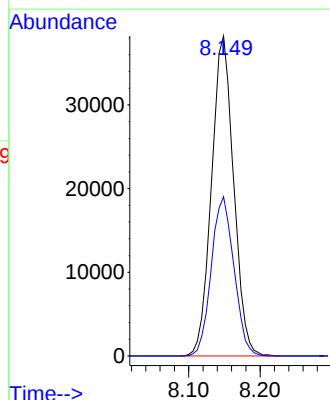
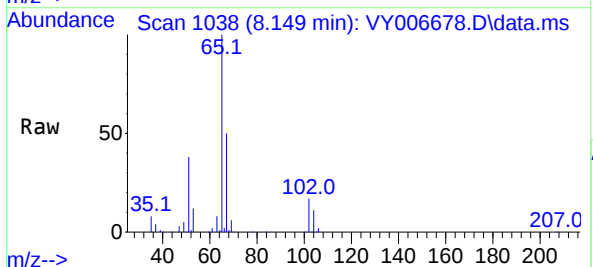
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-LS

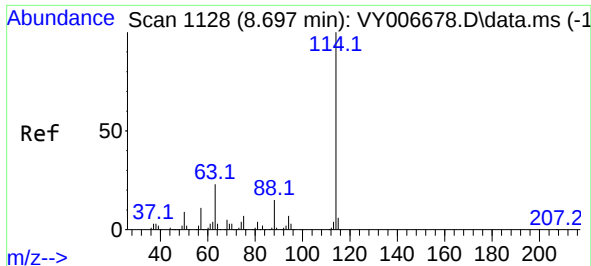
Tgt Ion:168 Resp: 107732
Ion Ratio Lower Upper
168 100
99 58.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 61.956 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Tgt Ion: 65 Resp: 82136
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006678.D

Acq: 08 Nov 2021 14:21

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-LS

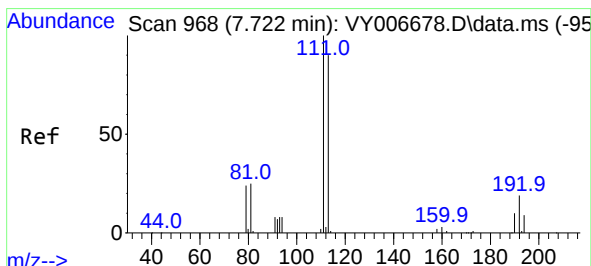
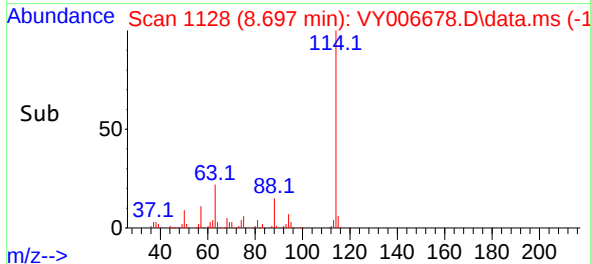
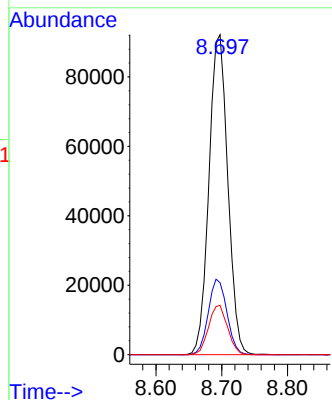
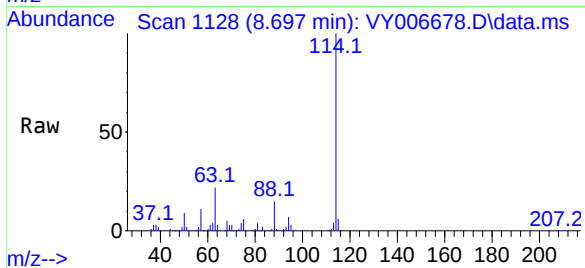
Tgt Ion:114 Resp: 183620

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.407 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006678.D

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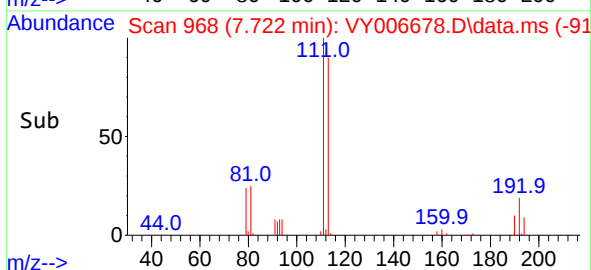
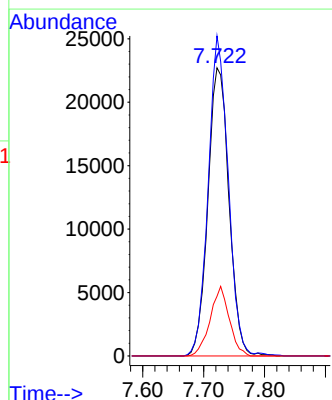
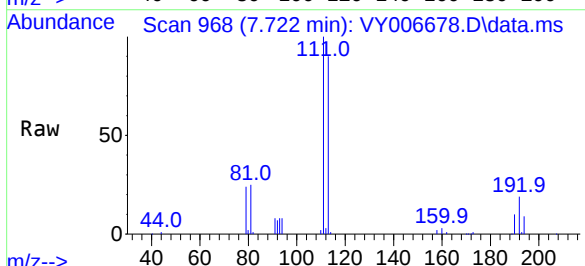
Tgt Ion:113 Resp: 54659

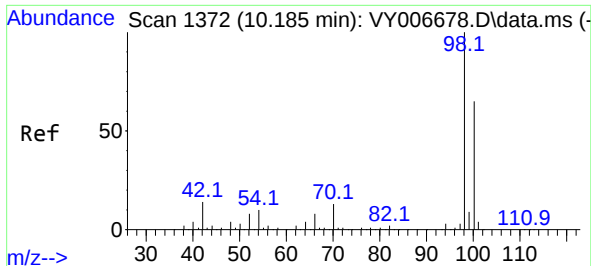
Ion Ratio Lower Upper

113 100

111 105.0 82.3 123.5

192 21.9 17.4 26.2

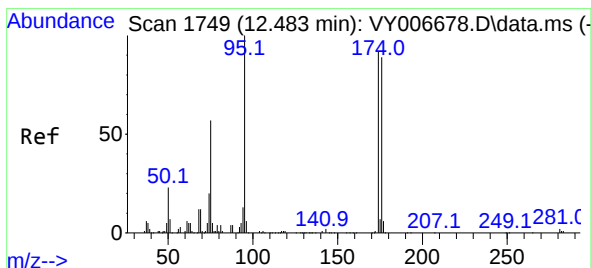
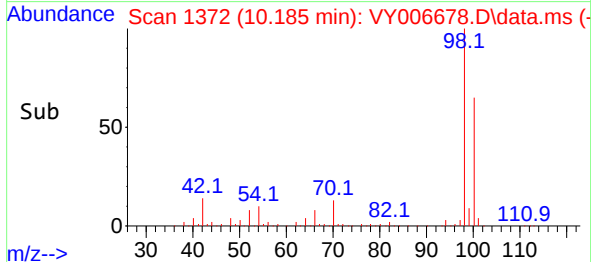
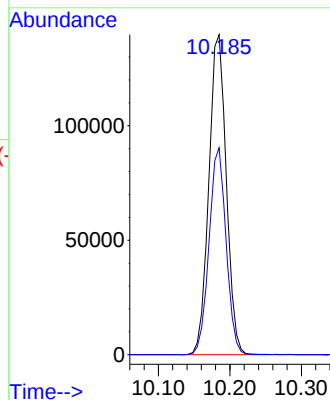
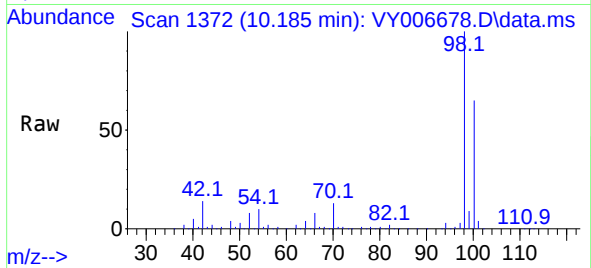




#50
Toluene-d8
Concen: 54.532 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

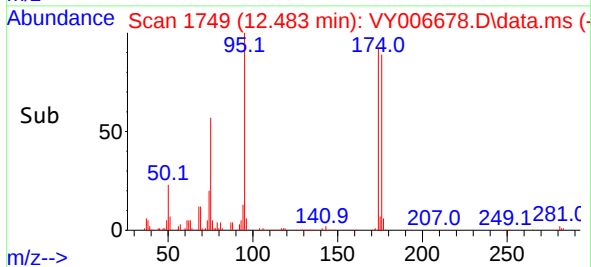
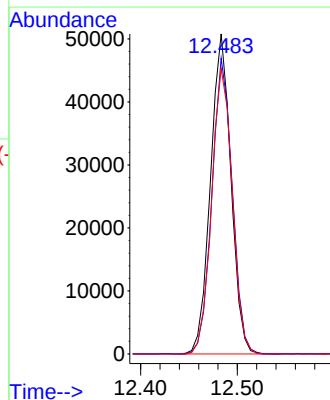
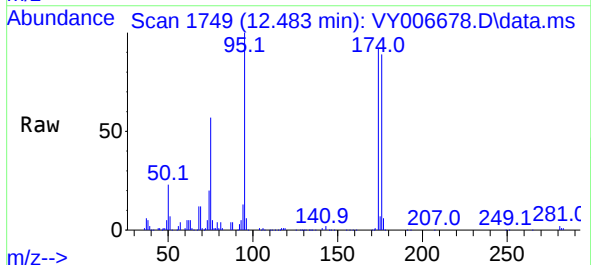
Instrument :
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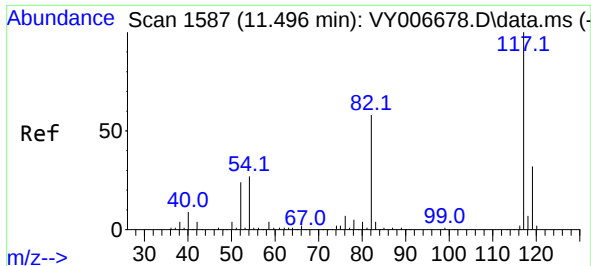
Tgt Ion: 98 Resp: 236591
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Tgt Ion: 95 Resp: 74596
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 90.1 0.0 169.4

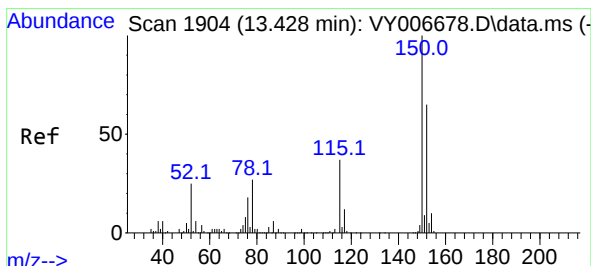
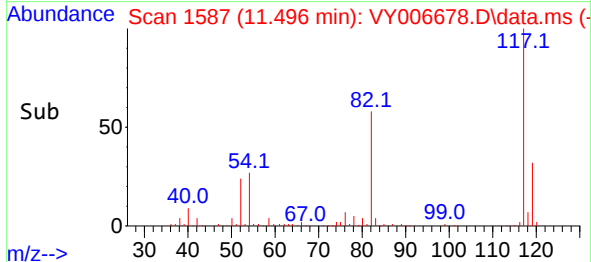
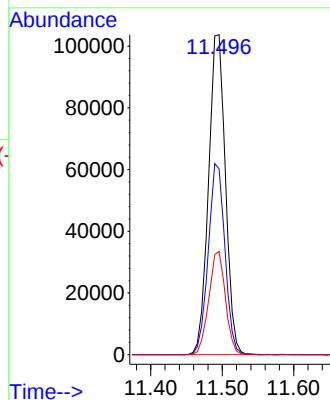
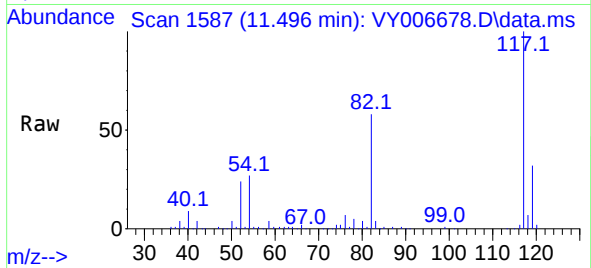




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-LS

Tgt Ion:117 Resp: 170274
Ion Ratio Lower Upper
117 100
82 58.1 45.7 68.5
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006678.D
Acq: 08 Nov 2021 14:21

Tgt Ion:152 Resp: 69208
Ion Ratio Lower Upper
152 100
115 58.6 28.5 85.5
150 154.7 0.0 348.2

