

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006654.D
 Acq On : 05 Nov 2021 14:03
 Operator : SY/MD
 Sample : M4498-07
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-LS

Quant Time: Nov 06 20:38:34 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	7.801	168	11043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5923	43.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.180%
35) Dibromofluoromethane	7.722	113	2208	24.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.960%#
50) Toluene-d8	10.185	98	19812	52.879	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.760%
62) 4-Bromofluorobenzene	12.483	95	4062	32.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.360%

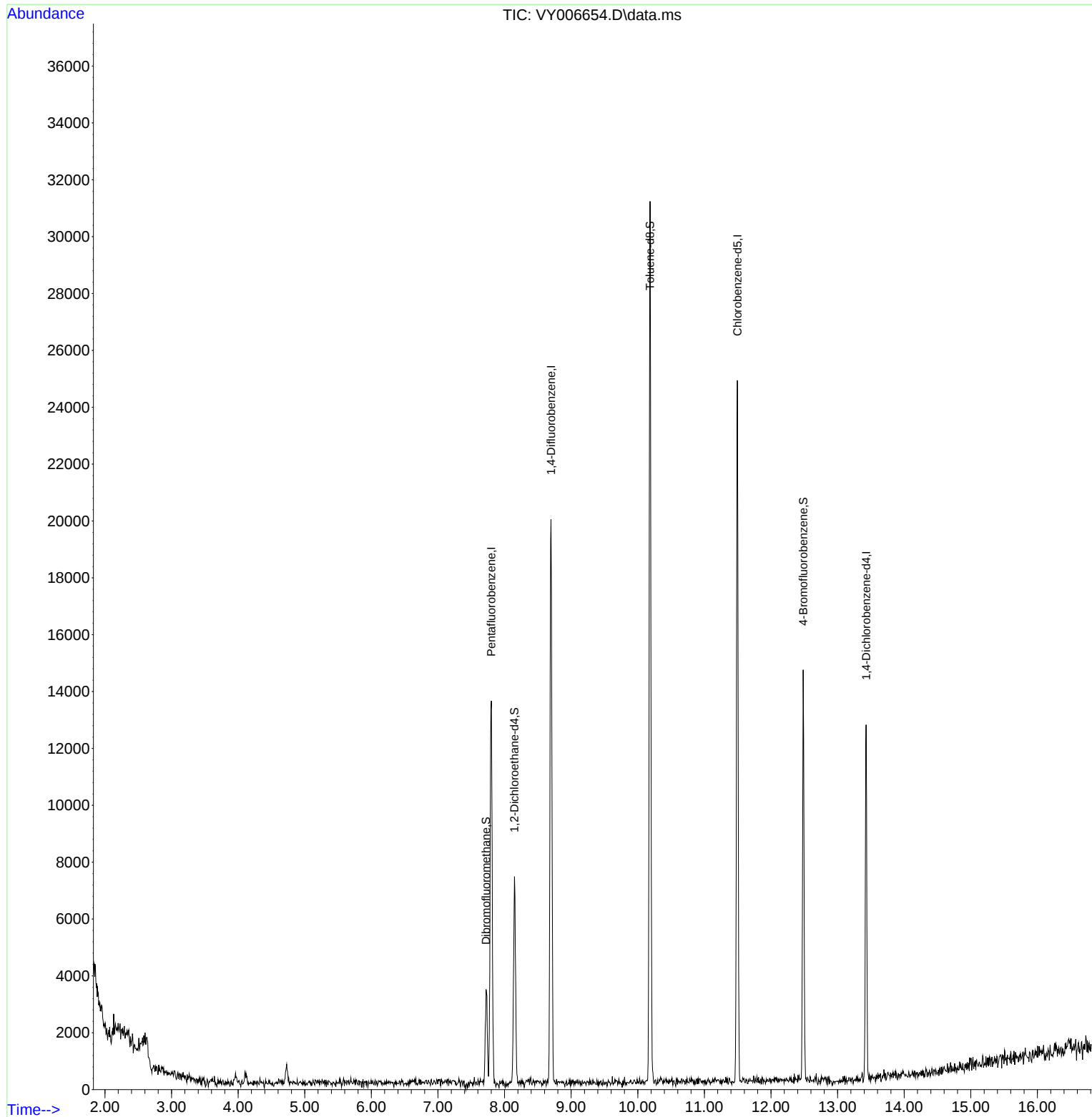
Target Compounds	Qvalue

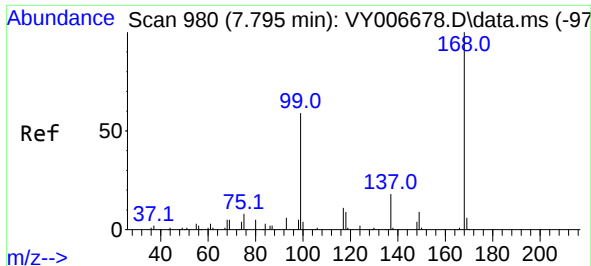
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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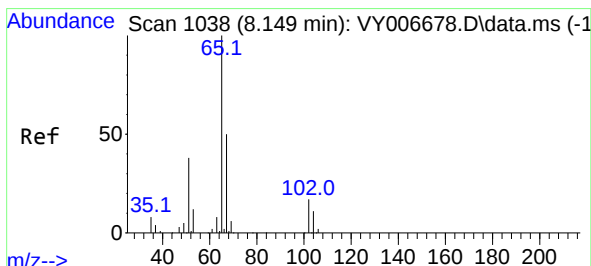
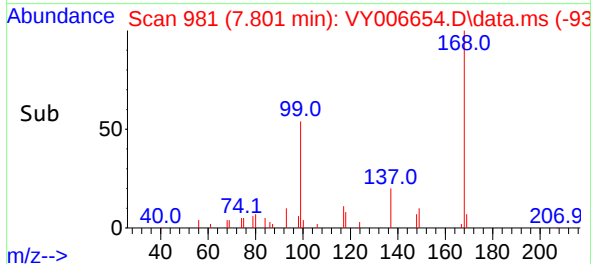
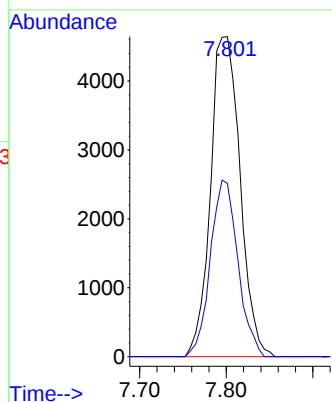
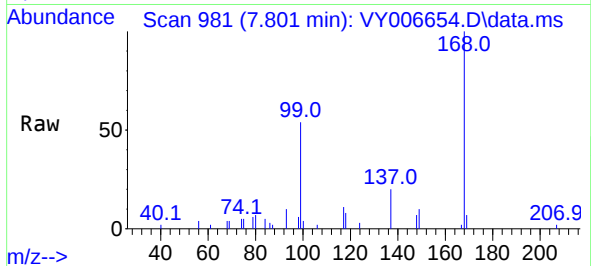




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

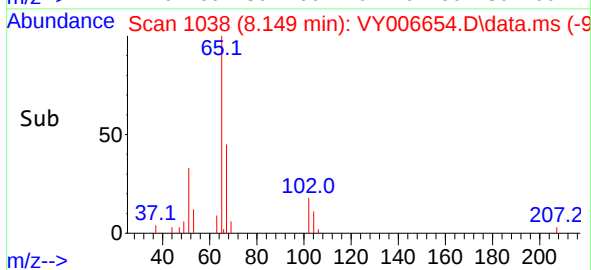
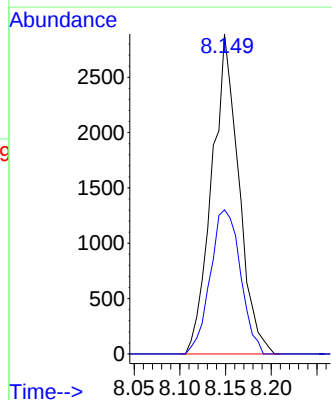
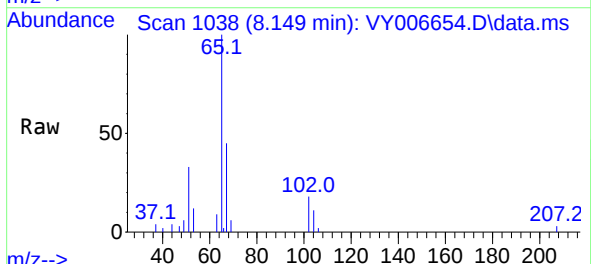
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-LS

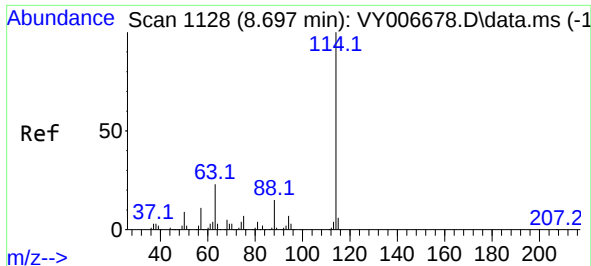
Tgt Ion:168 Resp: 11043
Ion Ratio Lower Upper
168 100
99 54.2 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 43.586 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Tgt Ion: 65 Resp: 5923
Ion Ratio Lower Upper
65 100
67 50.4 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: VY006654.D

Acq: 05 Nov 2021 14:03

Instrument :

MSVOA_Y

ClientSampleId :

WC-2-LS

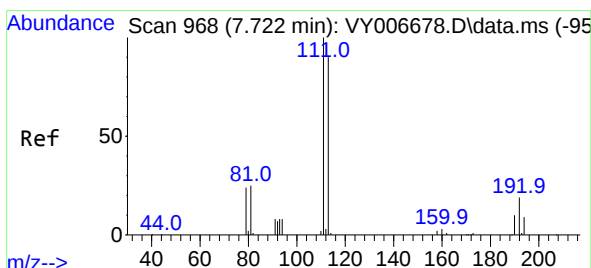
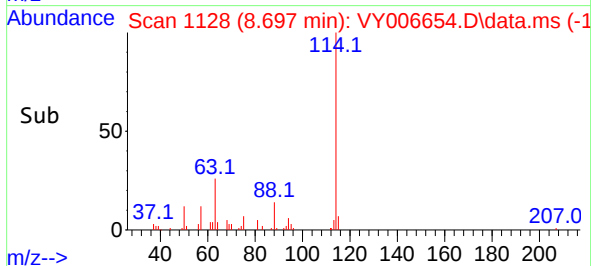
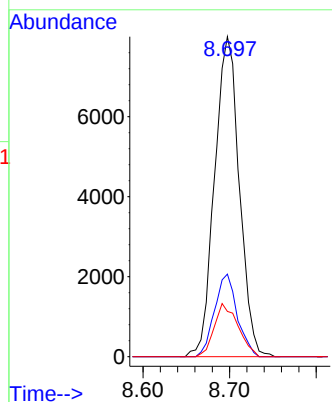
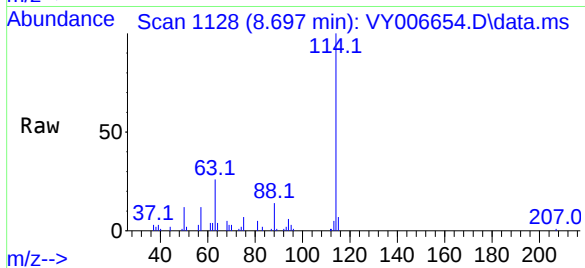
Tgt Ion:114 Resp: 15857

Ion Ratio Lower Upper

114 100

63 25.8 0.0 45.0

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 24.982 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006654.D

Acq: 05 Nov 2021 14:03

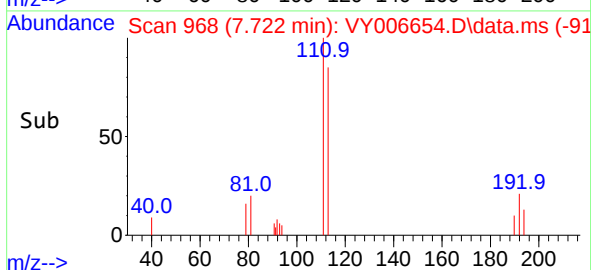
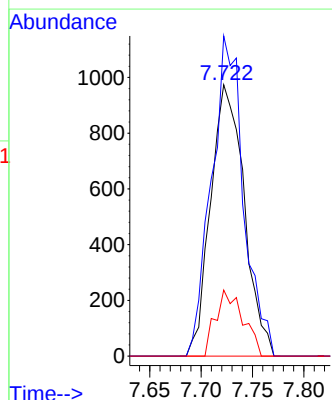
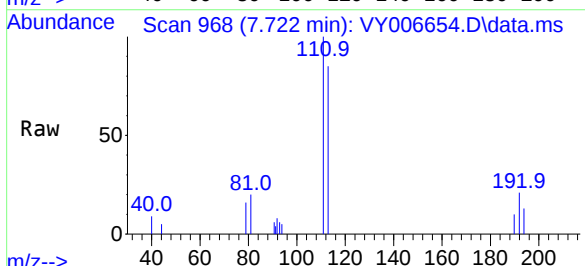
Tgt Ion:113 Resp: 2208

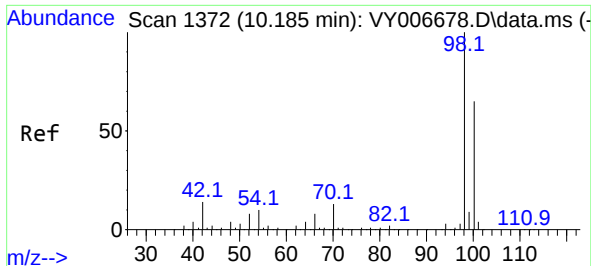
Ion Ratio Lower Upper

113 100

111 113.0 82.3 123.5

192 19.9 17.4 26.2

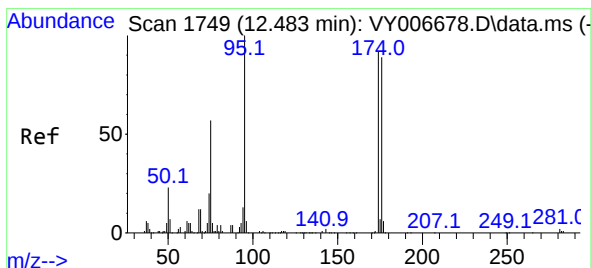
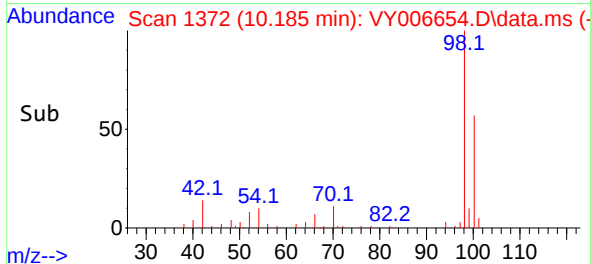
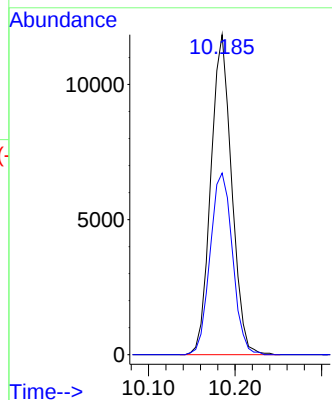
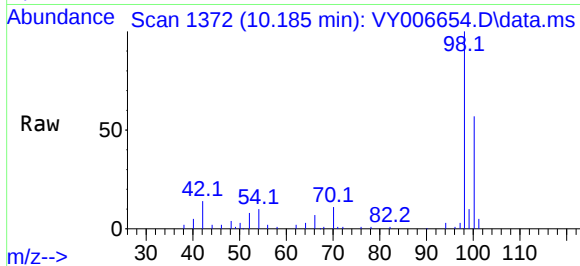




#50
Toluene-d8
Concen: 52.879 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

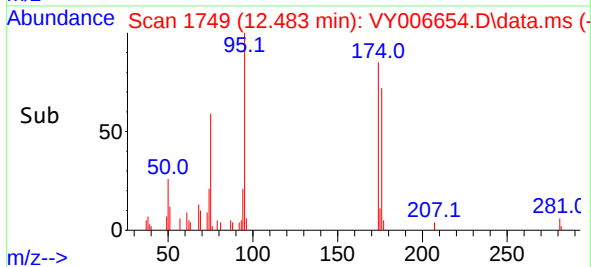
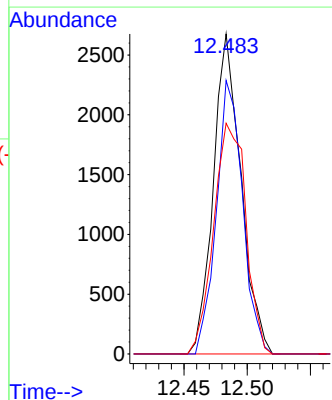
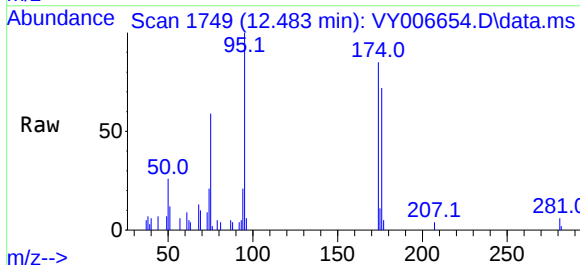
Instrument :
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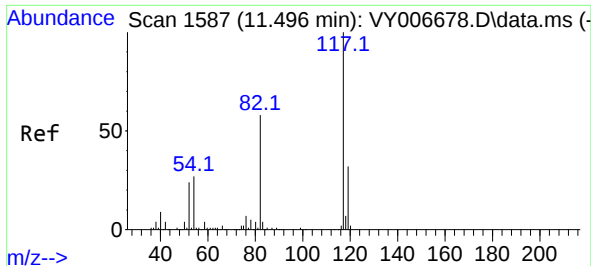
Tgt Ion: 98 Resp: 19812
Ion Ratio Lower Upper
98 100
100 60.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 32.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Tgt Ion: 95 Resp: 4062
Ion Ratio Lower Upper
95 100
174 80.9 0.0 177.0
176 83.8 0.0 169.4

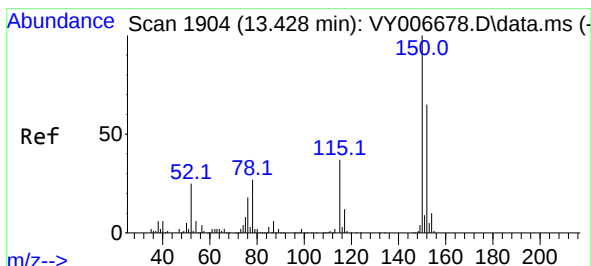
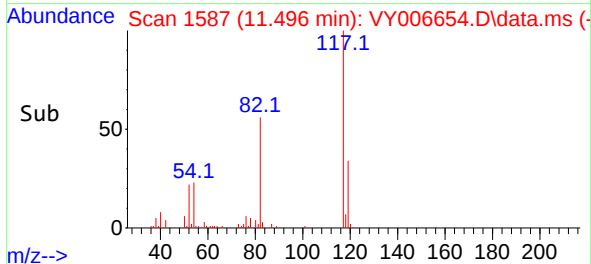
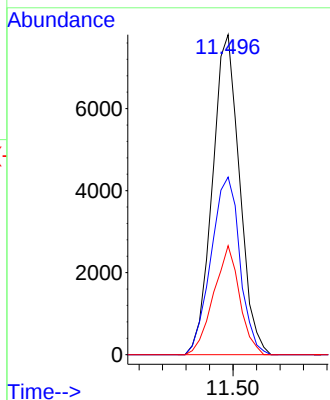
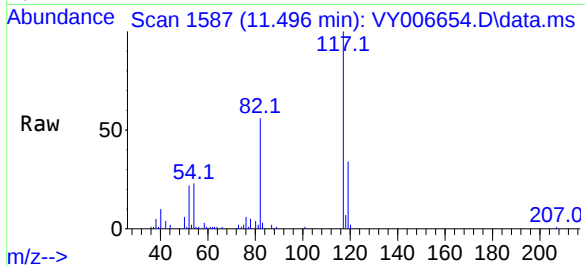




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-LS

Tgt Ion:	117	Resp:	12505
Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.7	68.5
119	34.0	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: VY006654.D
Acq: 05 Nov 2021 14:03

Tgt Ion:	152	Resp:	3375
Ion	Ratio	Lower	Upper
152	100		
115	52.4	28.5	85.5
150	150.6	0.0	348.2

