

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006649.D
 Acq On : 05 Nov 2021 12:05
 Operator : SY/MD
 Sample : M4497-01
 Misc : 4.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP-1

Quant Time: Nov 06 20:37:02 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	118231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	180226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78893	54.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.460%
35) Dibromofluoromethane	7.728	113	61359	55.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.460%
50) Toluene-d8	10.185	98	256819	54.531	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.060%
62) 4-Bromofluorobenzene	12.483	95	74339	46.858	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.720%

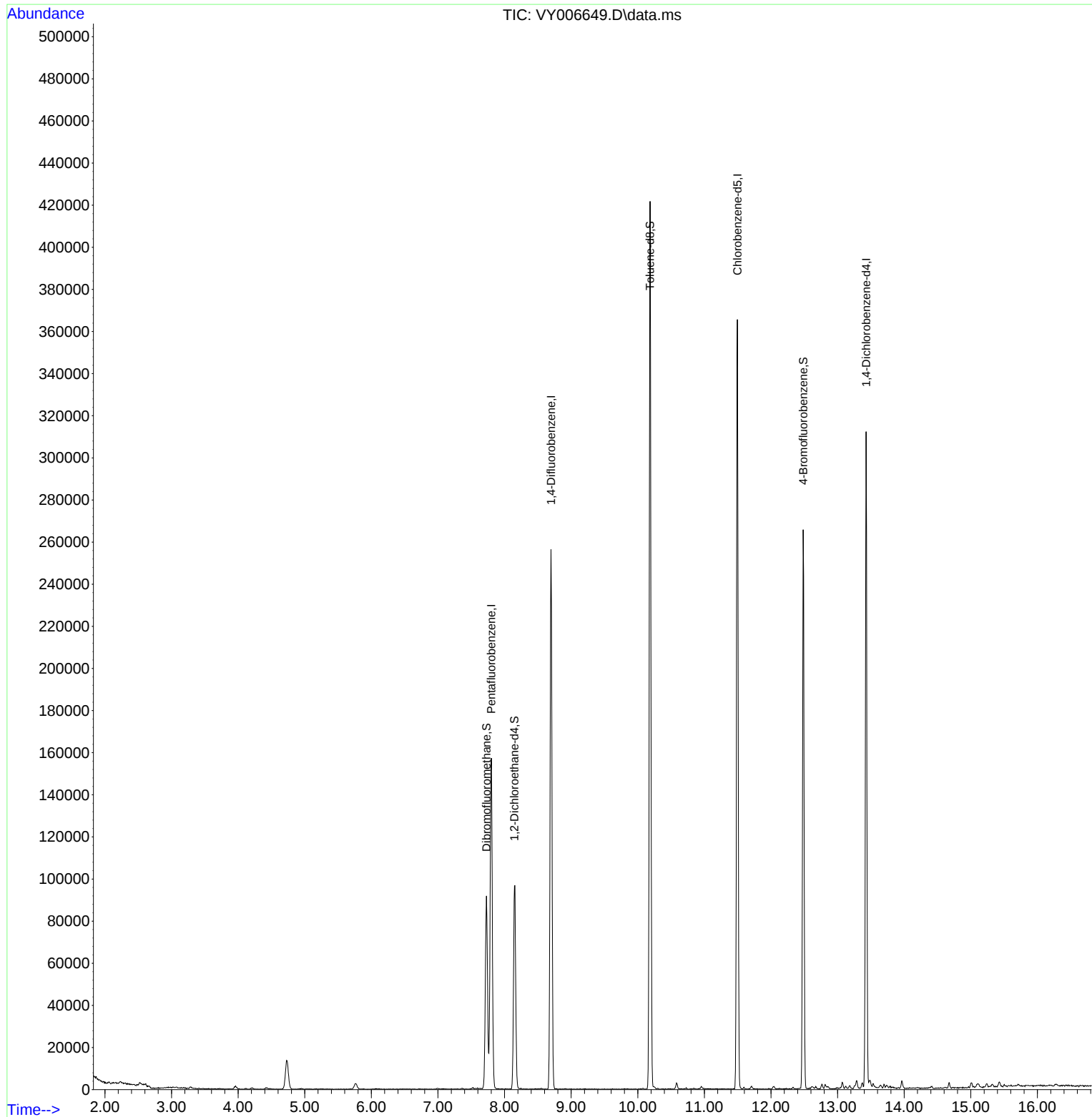
Target Compounds	Qvalue

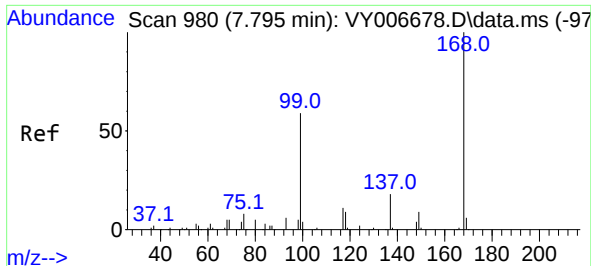
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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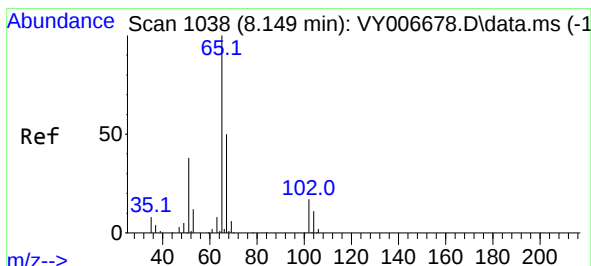
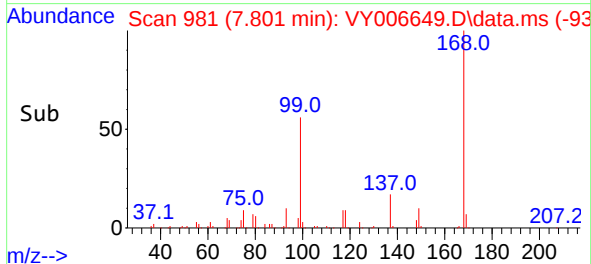
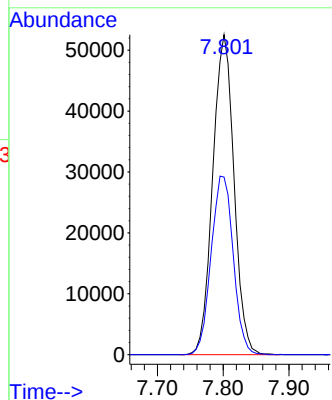
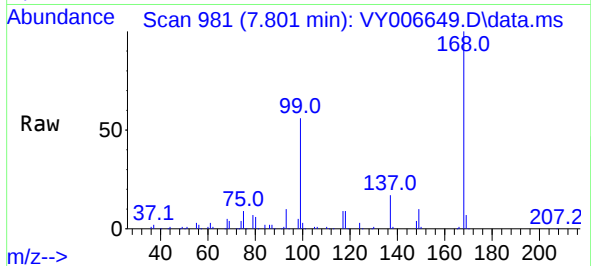




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006649.D
Acq: 05 Nov 2021 12:05

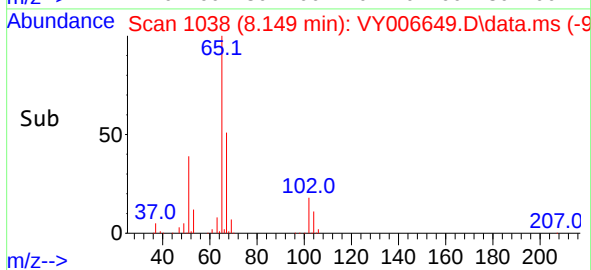
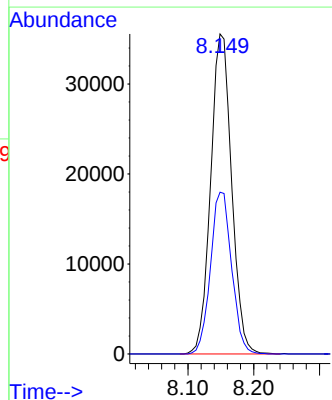
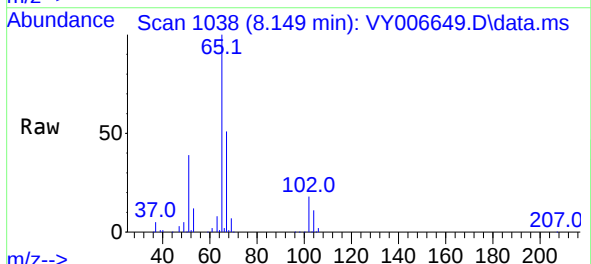
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP-1

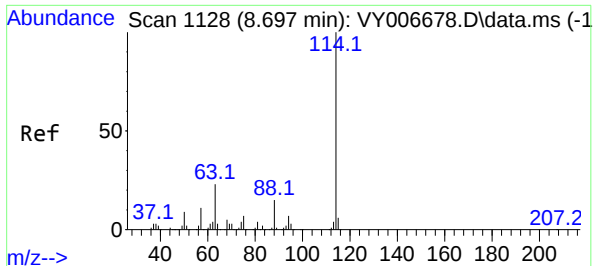
Tgt Ion:168 Resp: 118231
Ion Ratio Lower Upper
168 100
99 55.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 54.225 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006649.D
Acq: 05 Nov 2021 12:05

Tgt Ion: 65 Resp: 78893
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: VY006649.D

Acq: 05 Nov 2021 12:05

Instrument :

MSVOA_Y

ClientSampleId :

RO-COMP-1

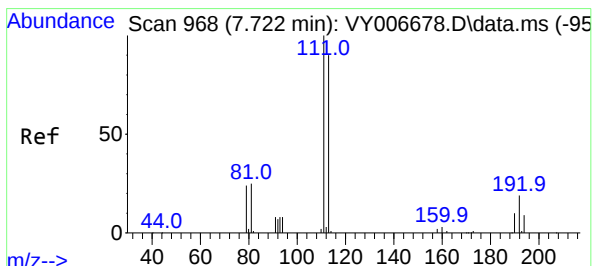
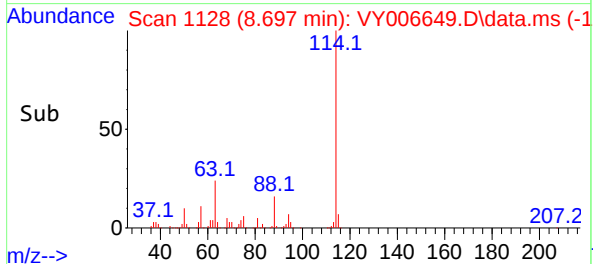
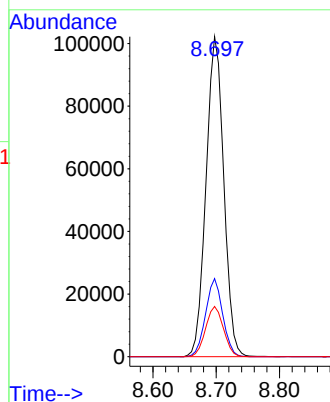
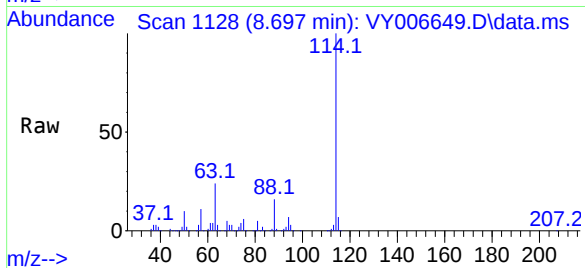
Tgt Ion:114 Resp: 199325

Ion Ratio Lower Upper

114 100

63 24.4 0.0 45.0

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.230 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006649.D

Acq: 05 Nov 2021 12:05

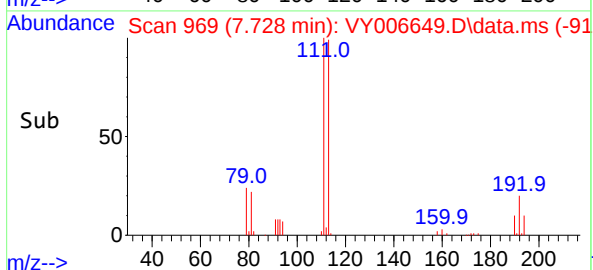
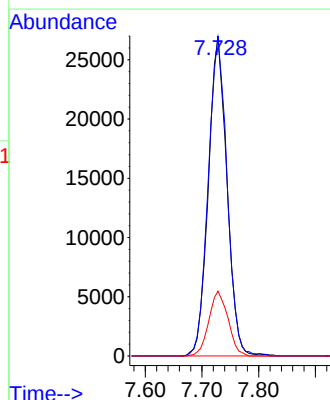
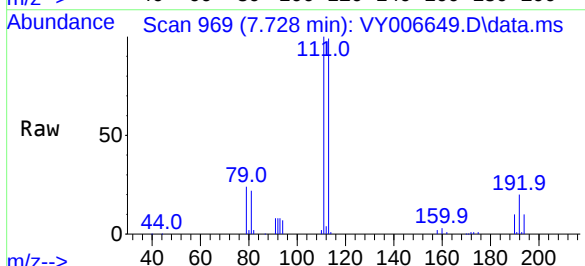
Tgt Ion:113 Resp: 61359

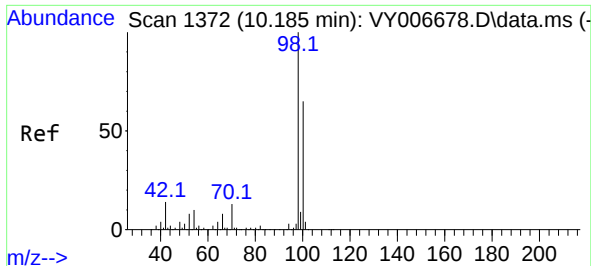
Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

192 20.9 17.4 26.2

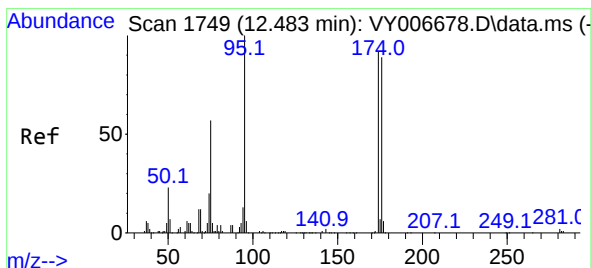
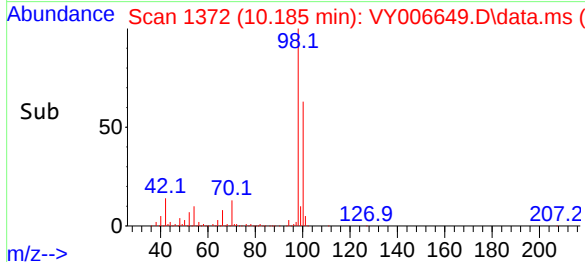
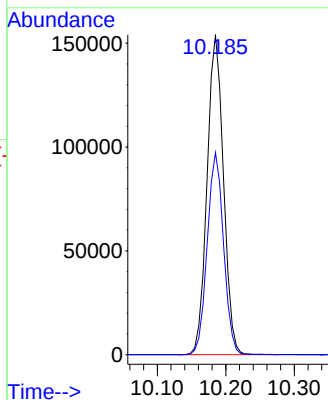
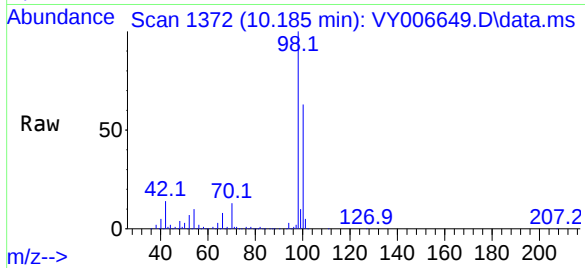




#50
Toluene-d8
Concen: 54.531 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006649.D
Acq: 05 Nov 2021 12:05

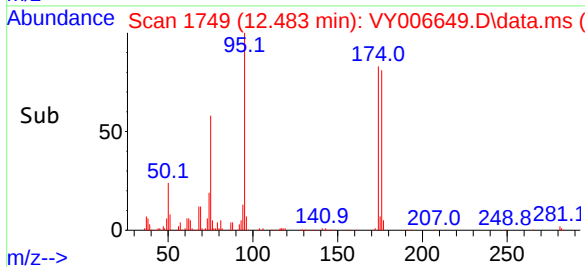
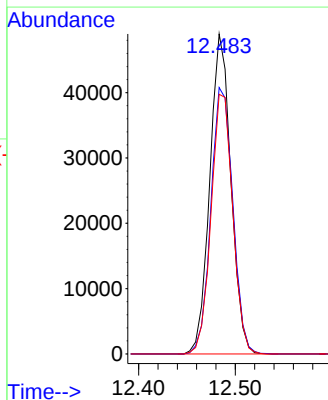
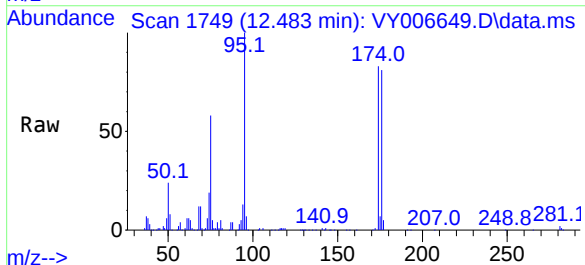
Instrument :
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RO-COMP-1

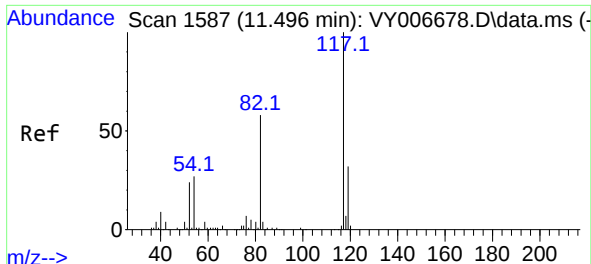
Tgt Ion: 98 Resp: 256819
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.858 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006649.D
Acq: 05 Nov 2021 12:05

Tgt Ion: 95 Resp: 74339
Ion Ratio Lower Upper
95 100
174 86.3 0.0 177.0
176 83.1 0.0 169.4

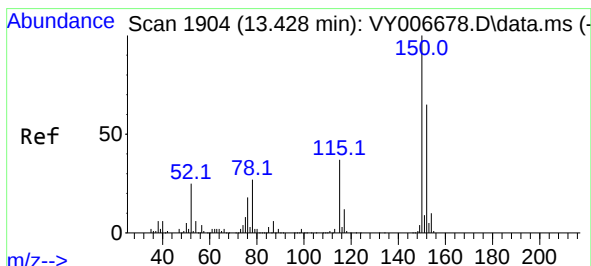
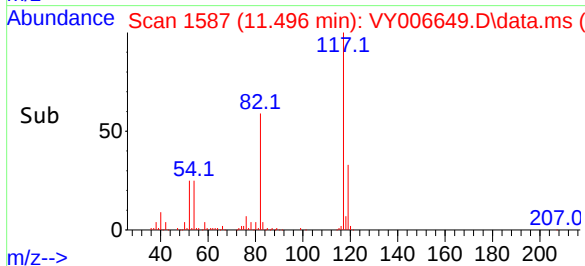
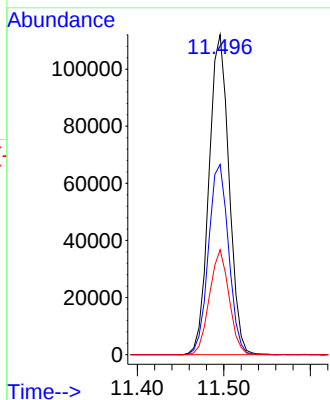
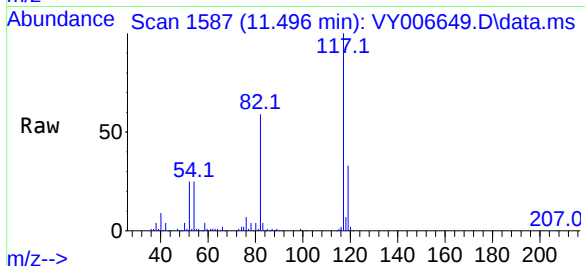




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006649.D
Acq: 05 Nov 2021 12:05

Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP-1

Tgt Ion:117 Resp: 180226
Ion Ratio Lower Upper
117 100
82 59.4 45.7 68.5
119 32.8 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: VY006649.D
Acq: 05 Nov 2021 12:05

Tgt Ion:152 Resp: 70911
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.5
150 159.4 0.0 348.2

