

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006884.D
 Acq On : 24 Nov 2021 18:02
 Operator : SY/MD
 Sample : M4786-02
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-279

Quant Time: Nov 26 09:58:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	88885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	148004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	131130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	58779	50.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.920%
35) Dibromofluoromethane	7.728	113	42683	46.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.900%
50) Toluene-d8	10.185	98	185919	49.421	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.489	95	54486	42.962	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.920%

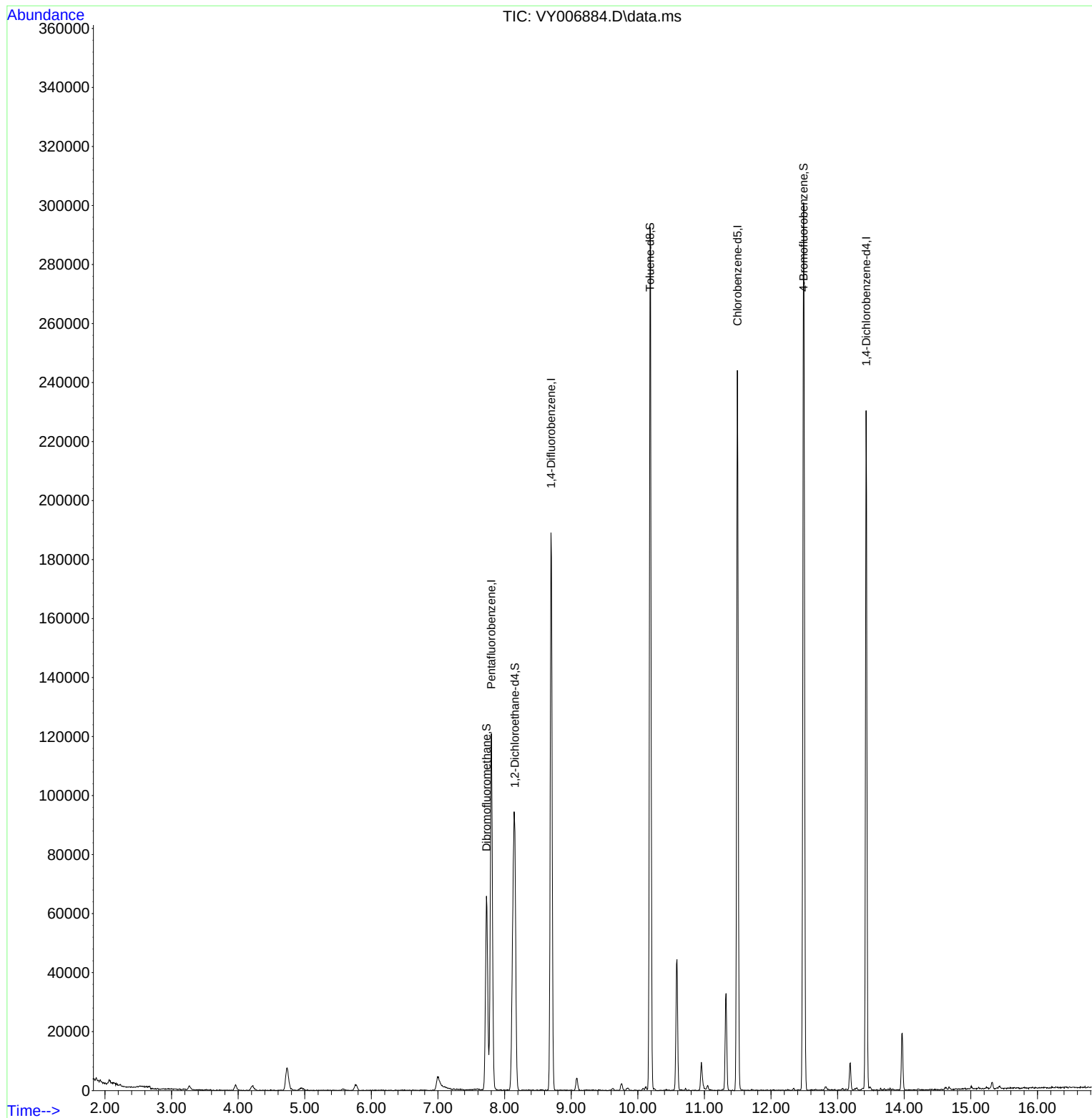
Target Compounds	Qvalue

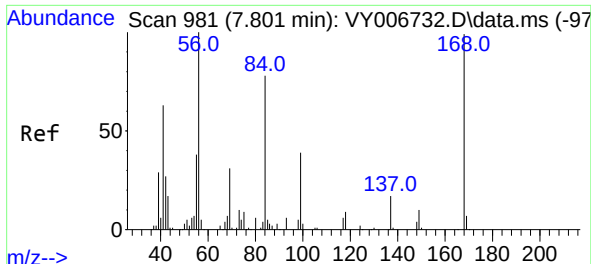
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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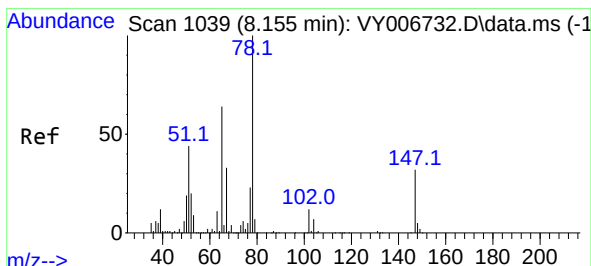
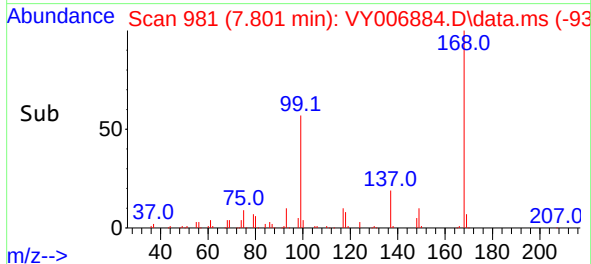
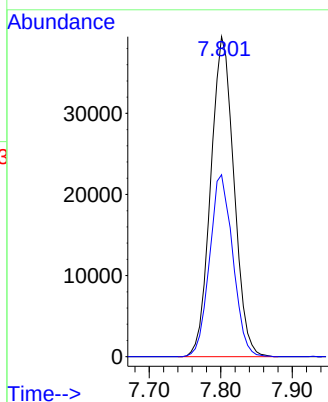
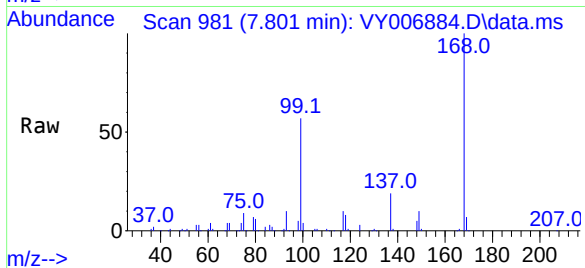




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

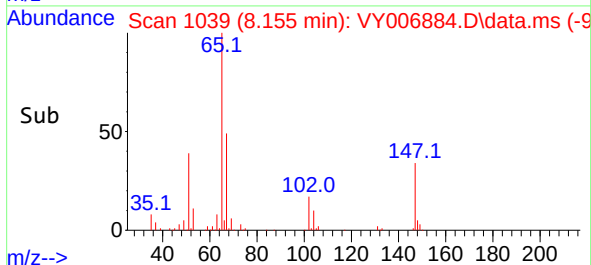
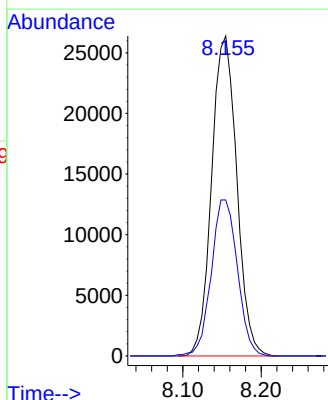
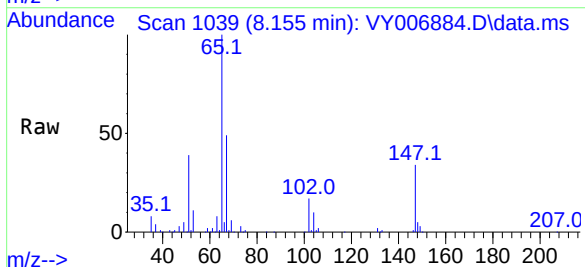
Instrument :
MSVOA_Y
ClientSampleId :
RO-279

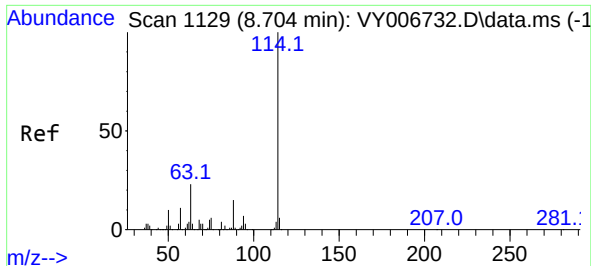
Tgt Ion:168 Resp: 88885
Ion Ratio Lower Upper
168 100
99 56.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 50.456 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Tgt Ion: 65 Resp: 58779
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. -0.006 min

Lab File: VY006884.D

Acq: 24 Nov 2021 18:02

Instrument :

MSVOA_Y

ClientSampleId :

RO-279

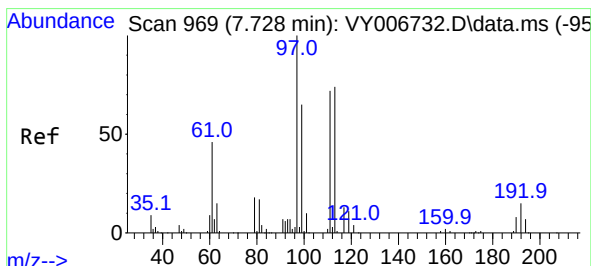
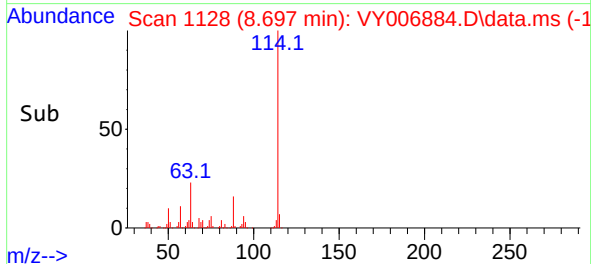
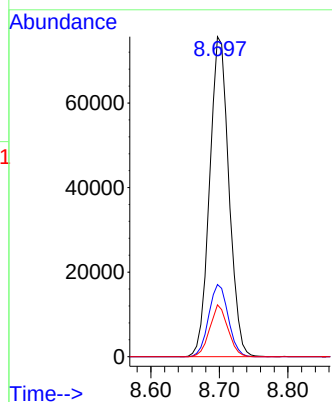
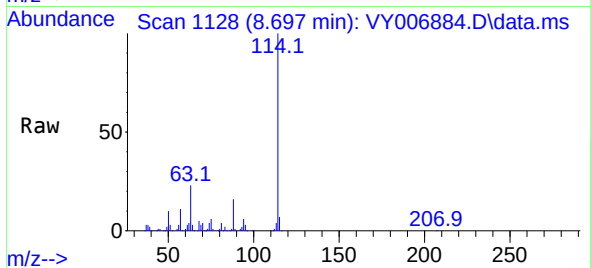
Tgt Ion:114 Resp: 148004

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.951 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006884.D

Acq: 24 Nov 2021 18:02

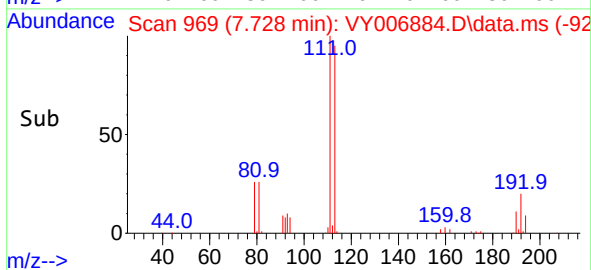
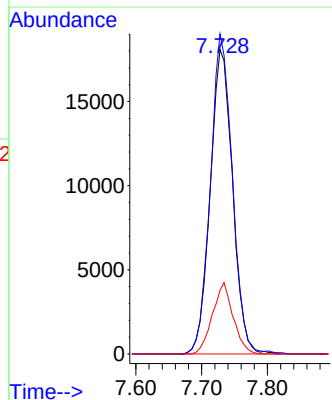
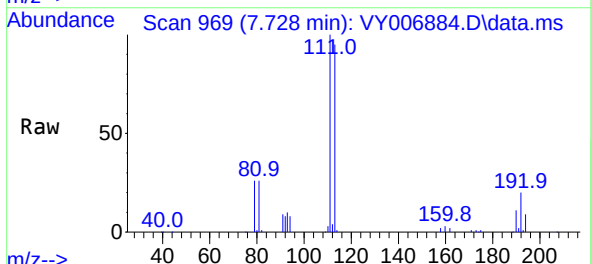
Tgt Ion:113 Resp: 42683

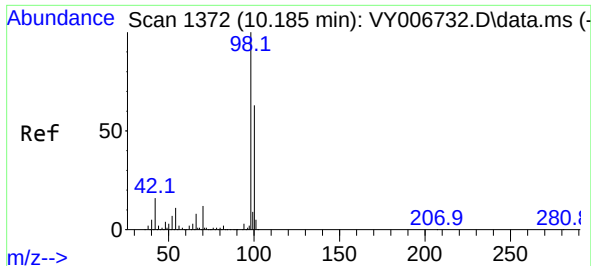
Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 21.7 17.4 26.2

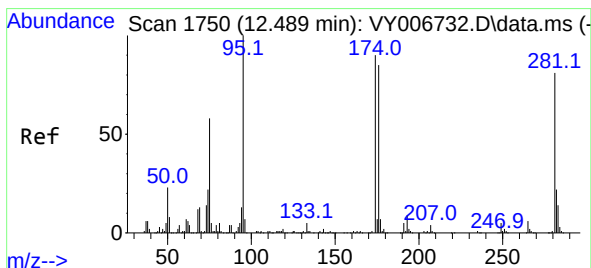
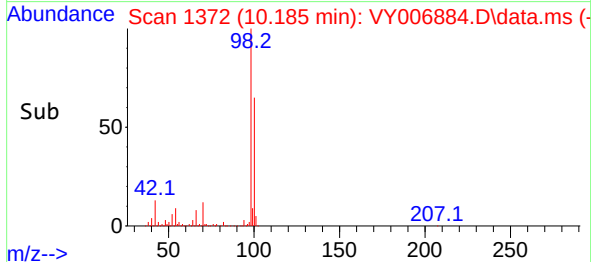
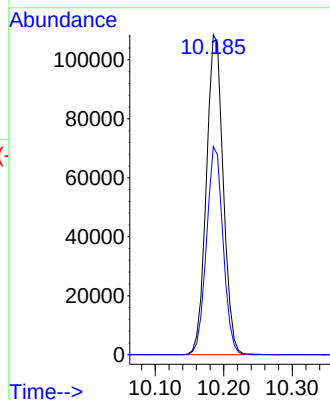
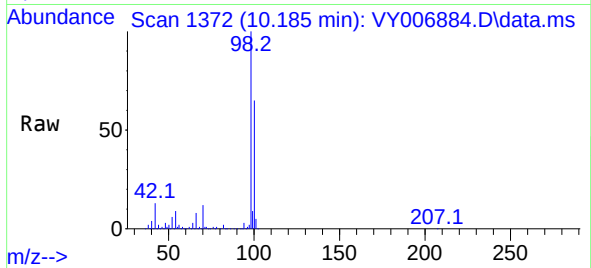




#50
Toluene-d8
Concen: 49.421 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

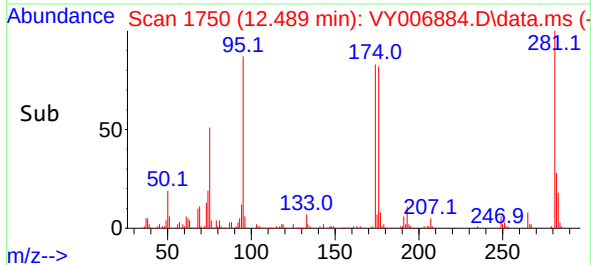
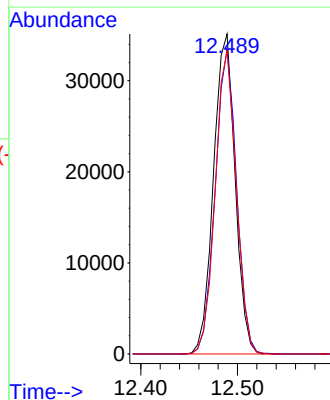
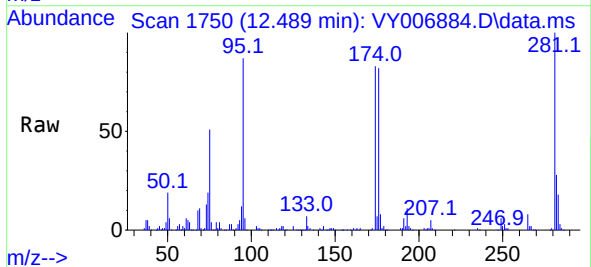
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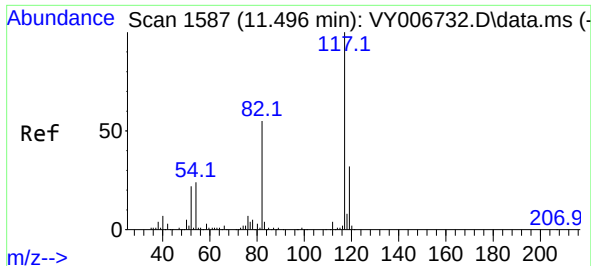
Tgt Ion: 98 Resp: 185919
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.962 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Tgt Ion: 95 Resp: 54486
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 92.4 0.0 169.4

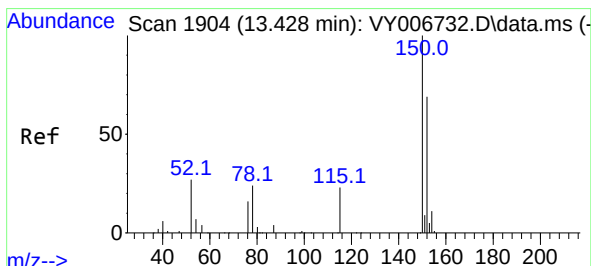
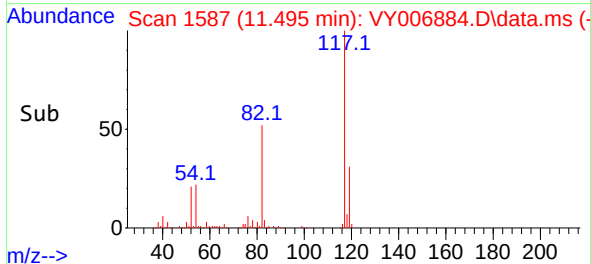
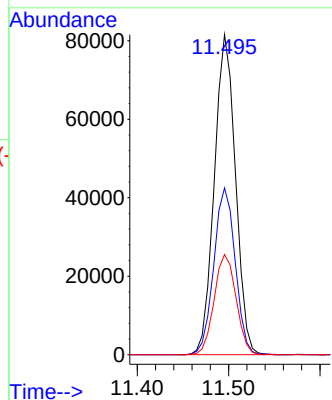
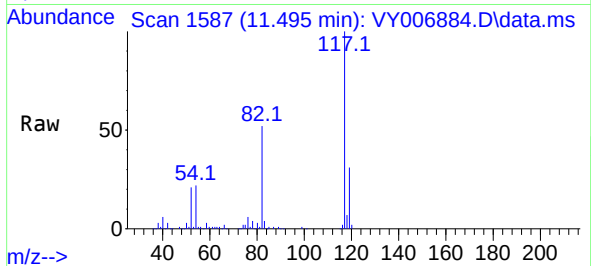




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Instrument :
MSVOA_Y
ClientSampleId :
RO-279

Tgt Ion:117 Resp: 131130
Ion Ratio Lower Upper
117 100
82 52.1 45.7 68.5
119 31.3 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: VY006884.D
Acq: 24 Nov 2021 18:02

Tgt Ion:152 Resp: 56405
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.5
150 156.5 0.0 348.2

