

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006442.D
 Acq On : 22 Oct 2021 16:24
 Operator : SY/MD
 Sample : M4311-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-2-102121

Quant Time: Oct 23 07:22:35 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	7.789	168	1294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	2220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	379	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1072	67.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.640%
35) Dibromofluoromethane	7.722	113	261	21.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.180%#
50) Toluene-d8	10.185	98	2851	54.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.700%
62) 4-Bromofluorobenzene	12.483	95	662	37.466	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.940%

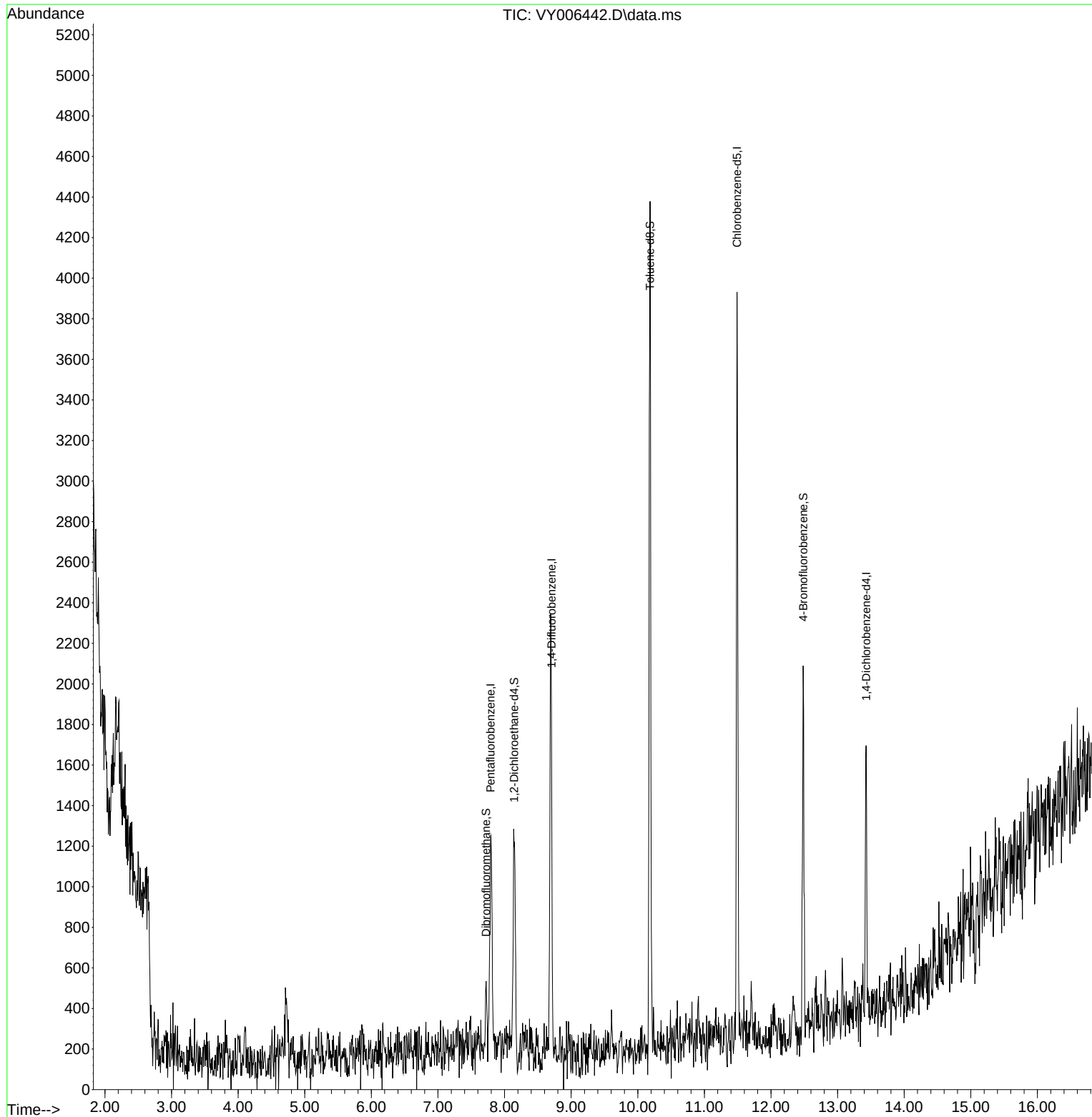
Target Compounds	Qvalue

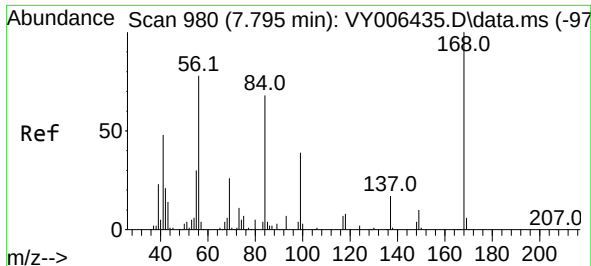
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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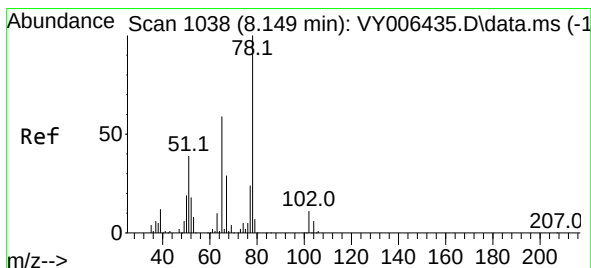
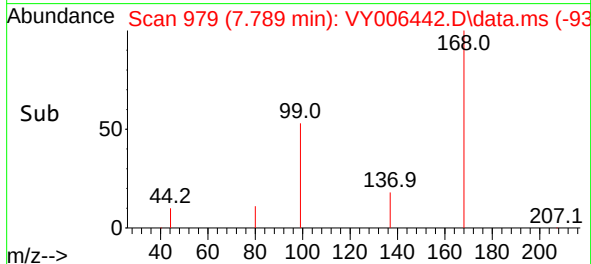
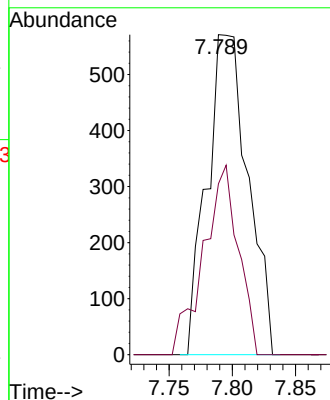
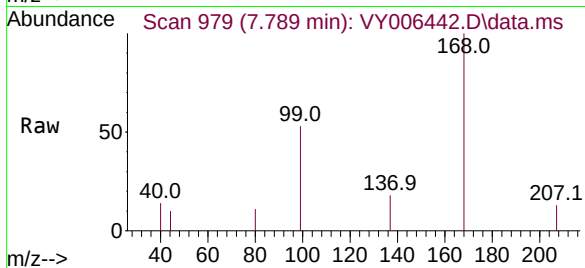




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006442.D
Acq: 22 Oct 2021 16:24

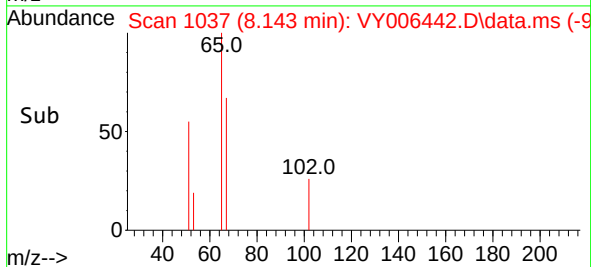
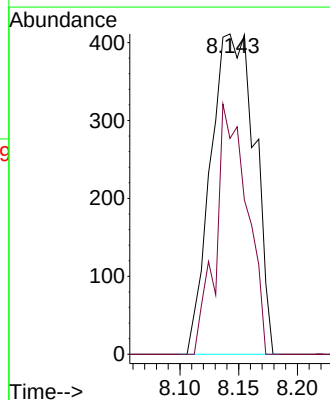
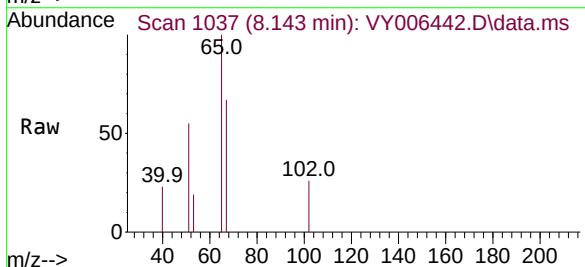
Instrument :
MSVOA_Y
ClientSampleId :
OR-2-102121

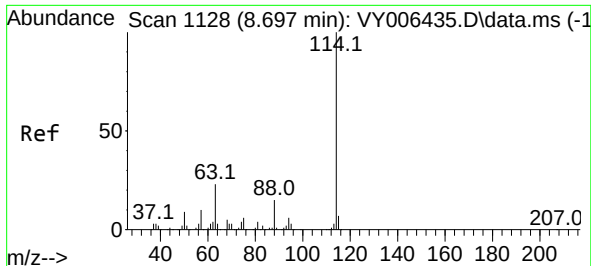
Tgt Ion:168 Resp: 1294
Ion Ratio Lower Upper
168 100
99 53.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 67.322 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006442.D
Acq: 22 Oct 2021 16:24

Tgt Ion: 65 Resp: 1072
Ion Ratio Lower Upper
65 100
67 55.5 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY006442.D

Acq: 22 Oct 2021 16:24

Instrument :

MSVOA_Y

ClientSampleId :

OR-2-102121

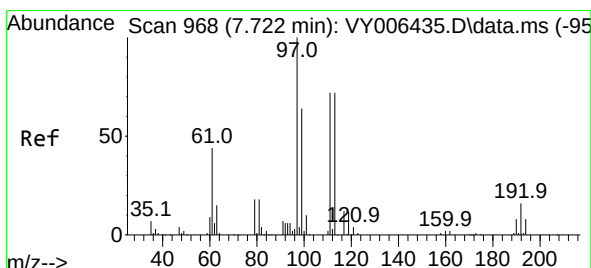
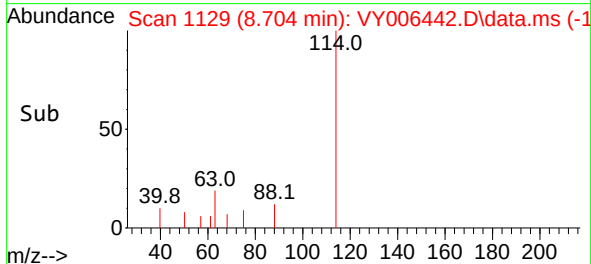
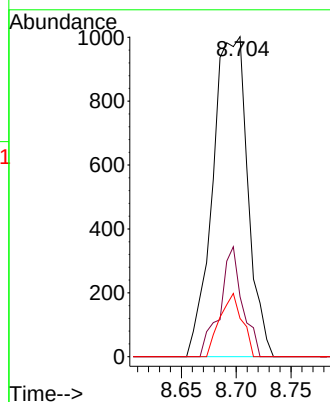
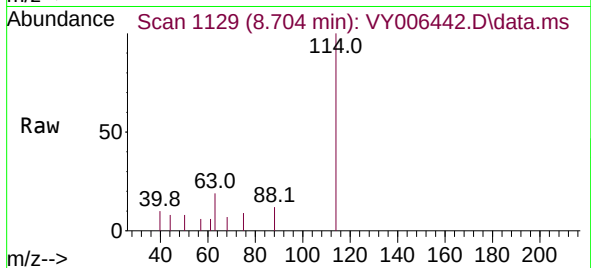
Tgt Ion:114 Resp: 2220

Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 12.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 21.093 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006442.D

Acq: 22 Oct 2021 16:24

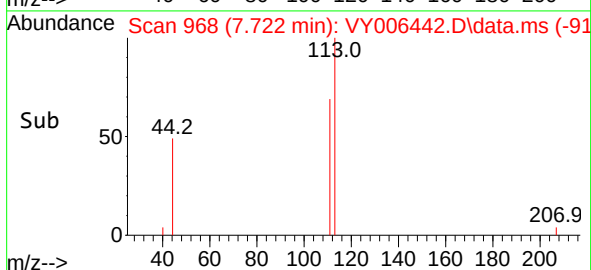
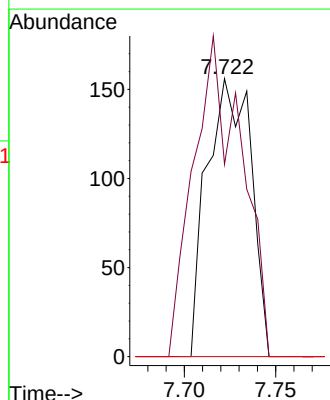
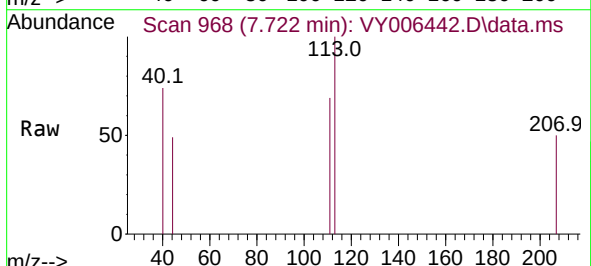
Tgt Ion:113 Resp: 261

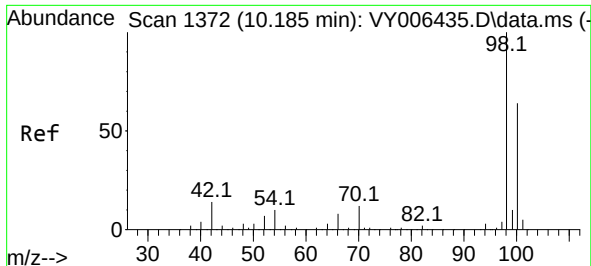
Ion Ratio Lower Upper

113 100

111 125.3 82.3 123.5#

192 0.0 17.4 26.2#

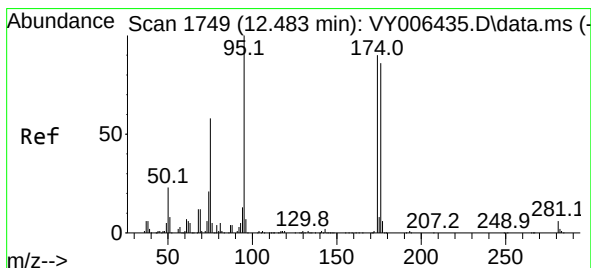
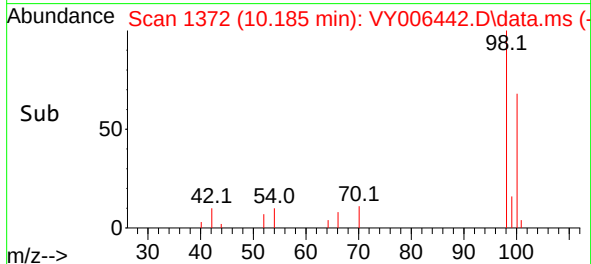
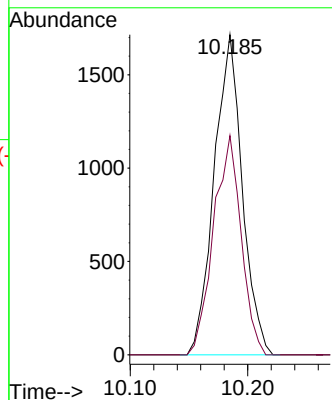
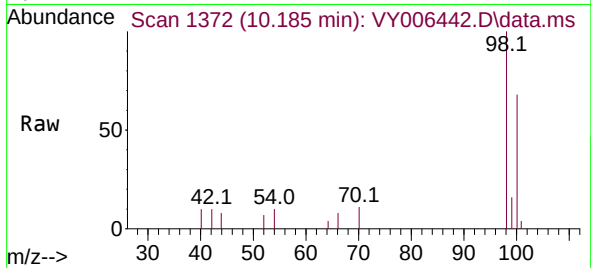




#50
Toluene-d8
Concen: 54.353 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006442.D
Acq: 22 Oct 2021 16:24

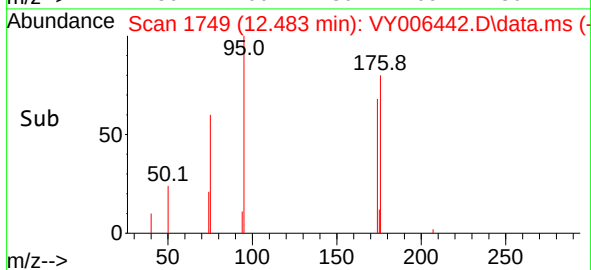
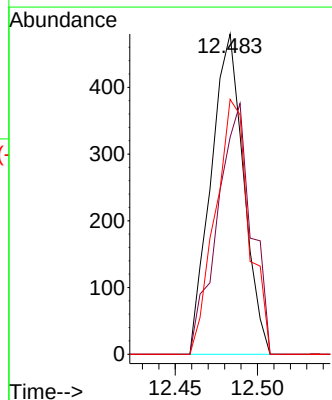
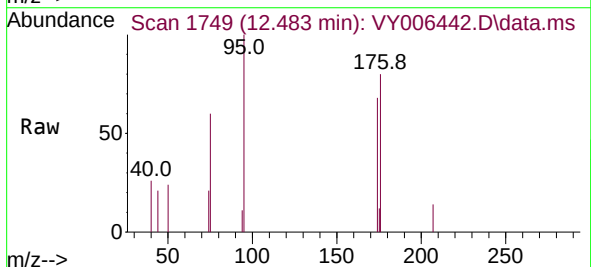
Instrument :
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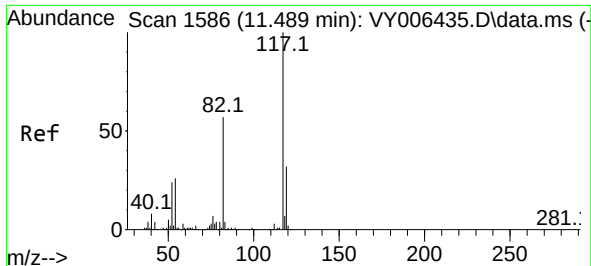
Tgt Ion: 98 Resp: 2851
Ion Ratio Lower Upper
98 100
100 67.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 37.466 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006442.D
Acq: 22 Oct 2021 16:24

Tgt Ion: 95 Resp: 662
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 82.2 0.0 169.4

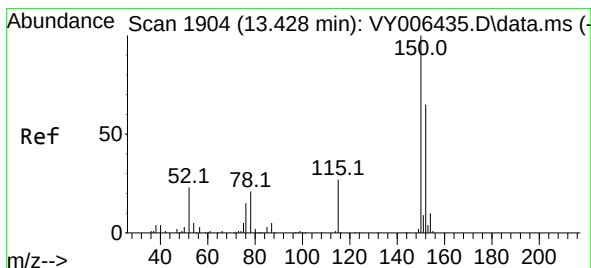
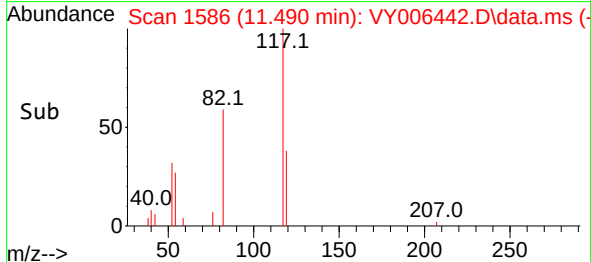
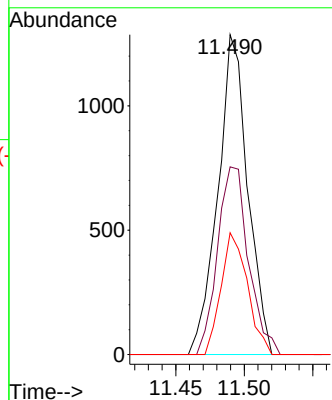
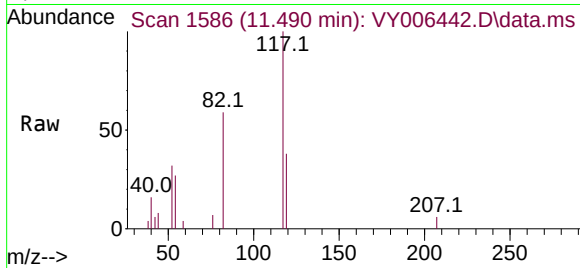




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006442.D
Acq: 22 Oct 2021 16:24

Instrument :
MSVOA_Y
ClientSampleId :
OR-2-102121

Tgt Ion:117	Resp:	1948
Ion	Ratio	Lower Upper
117	100	
82	58.7	45.7 68.5
119	38.1	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: VY006442.D
Acq: 22 Oct 2021 16:24

Tgt Ion:152	Resp:	379
Ion	Ratio	Lower Upper
152	100	
115	68.1	28.5 85.5
150	162.5	0.0 348.2

