

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074863.D
 Acq On : 11 Oct 2022 21:51
 Operator : JC\MD
 Sample : PB148255ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#12

Quant Time: Oct 12 04:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

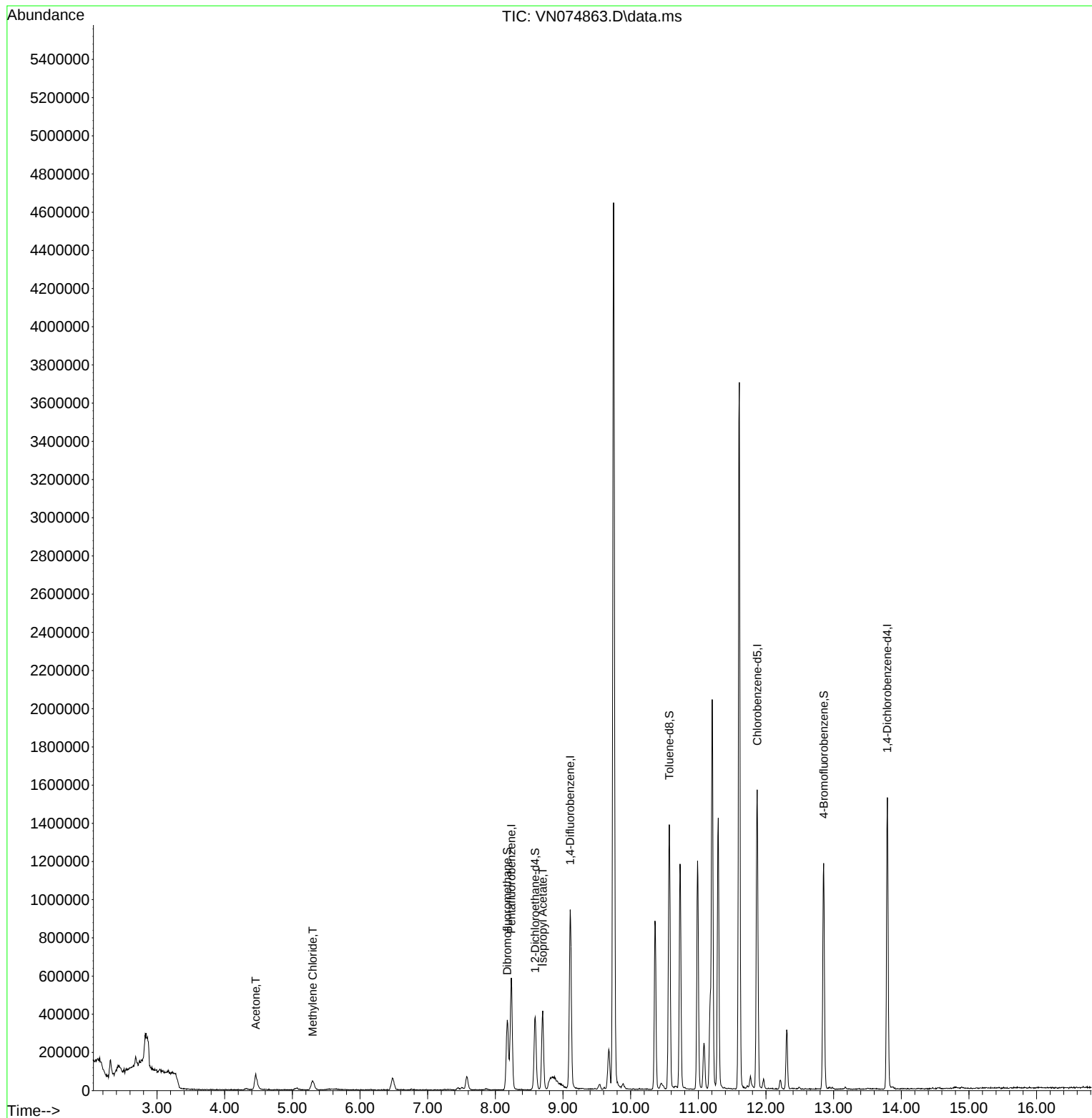
Internal Standards						
1) Pentafluorobenzene	8.236	168	388561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	786062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	859683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	378941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	286963	31.169	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	62.340%#
35) Dibromofluoromethane	8.177	113	259058	32.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	65.240%#
50) Toluene-d8	10.571	98	944043	27.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	55.400%#
62) 4-Bromofluorobenzene	12.853	95	368284	35.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	71.100%#
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	146509	28.081	ug/l	100
20) Methylene Chloride	5.300	84	35840	2.195	ug/l	# 85
43) Isopropyl Acetate	8.700	43	462885	14.527	ug/l	# 92

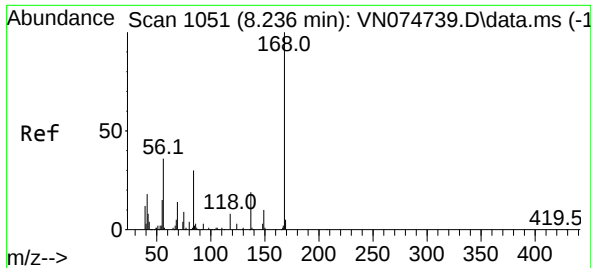
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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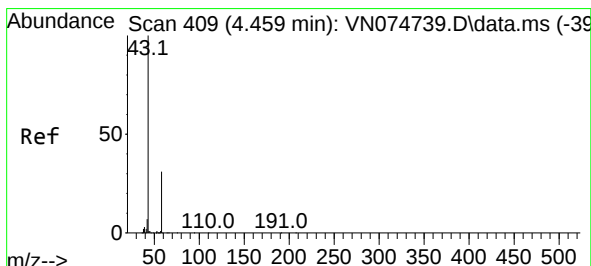
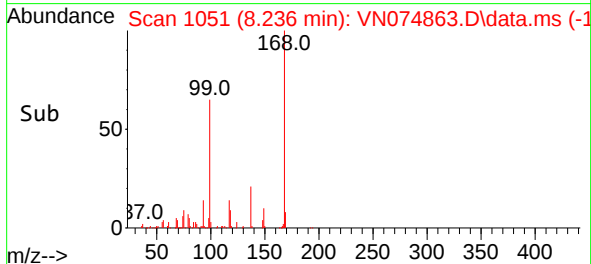
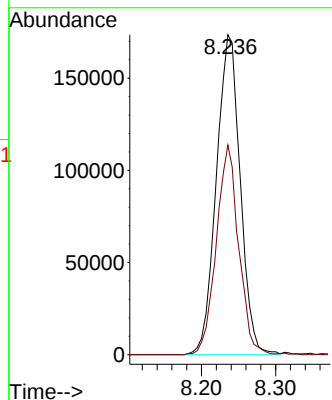
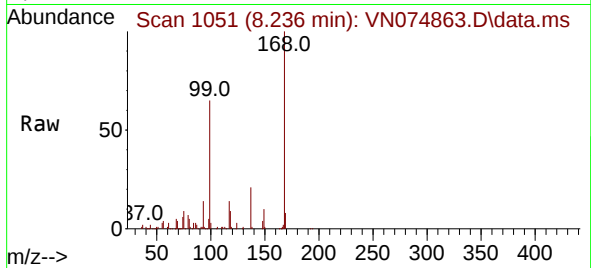




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074863.D
Acq: 11 Oct 2022 21:51

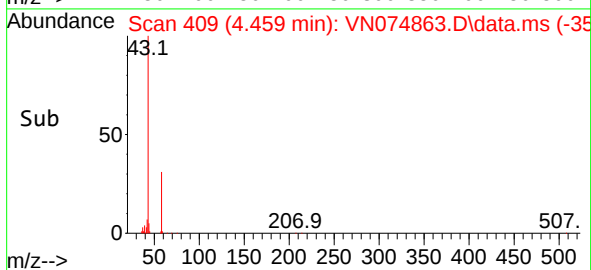
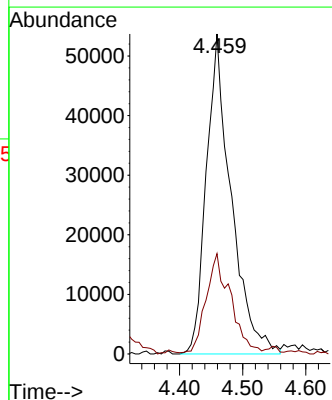
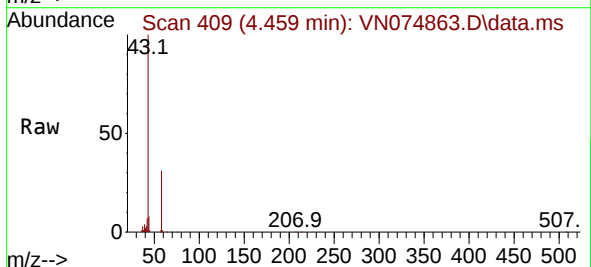
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#12

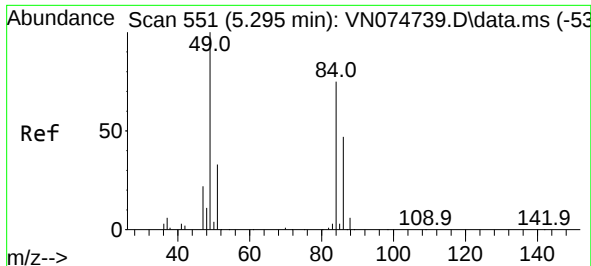
Tgt Ion:168 Resp: 388561
Ion Ratio Lower Upper
168 100
99 65.5 42.8 64.2#



#16
Acetone
Concen: 28.081 ug/l
RT: 4.459 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN074863.D
Acq: 11 Oct 2022 21:51

Tgt Ion: 43 Resp: 146509
Ion Ratio Lower Upper
43 100
58 30.9 24.9 37.3

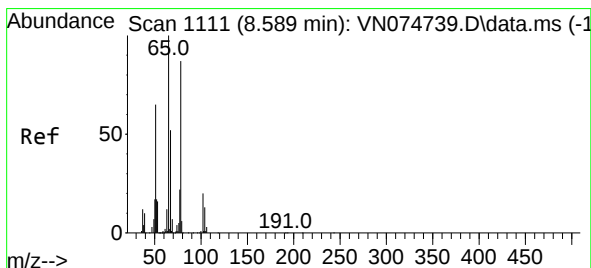
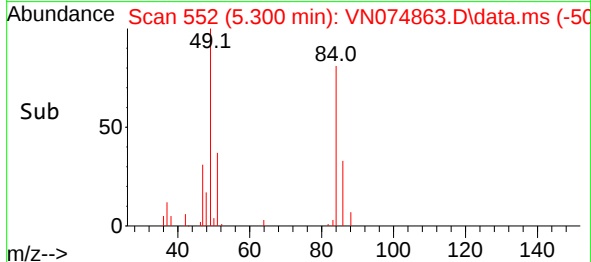
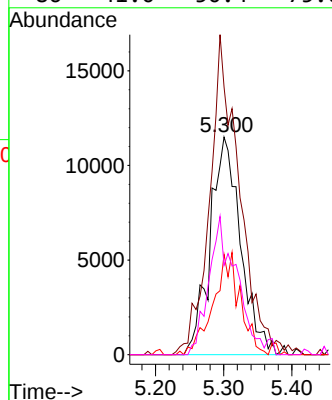
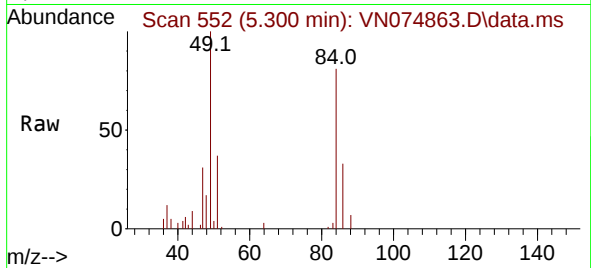




#20
Methylene Chloride
Concen: 2.195 ug/l
RT: 5.300 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN074863.D
Acq: 11 Oct 2022 21:51

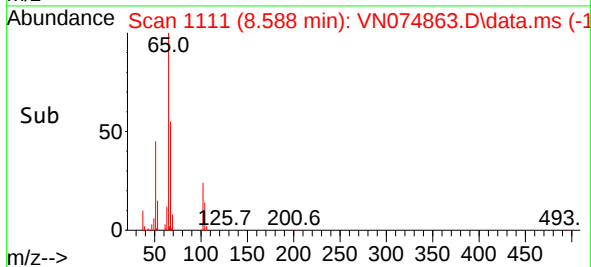
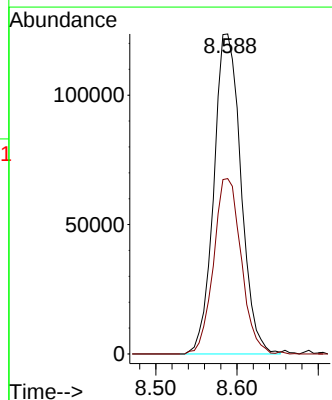
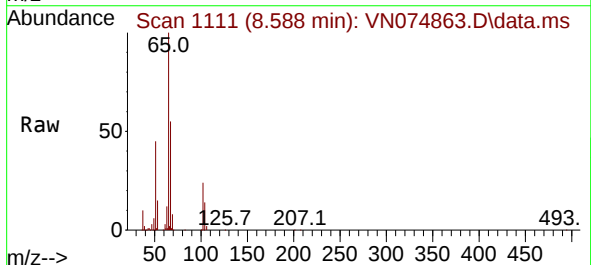
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#12

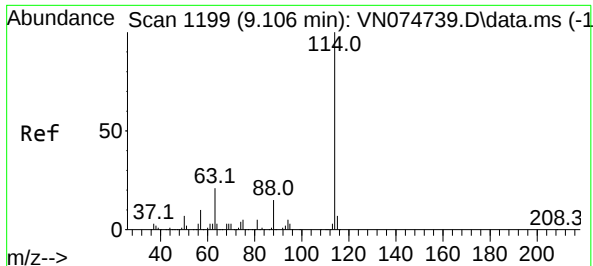
Tgt Ion: 84 Resp: 35840
Ion Ratio Lower Upper
84 100
49 119.5 107.4 161.0
51 46.1 35.1 52.7
86 41.0 50.4 75.6#



#33
1,2-Dichloroethane-d4
Concen: 31.169 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074863.D
Acq: 11 Oct 2022 21:51

Tgt Ion: 65 Resp: 286963
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074863.D

Acq: 11 Oct 2022 21:51

Instrument :

MSVOA_N

ClientSampleId :

PB148255ZHE#12

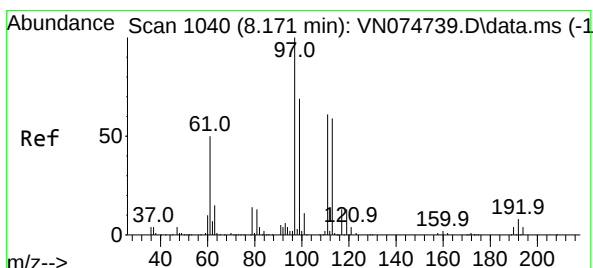
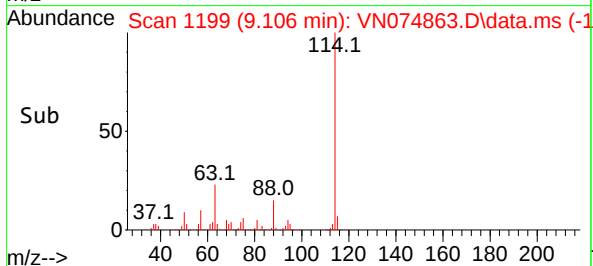
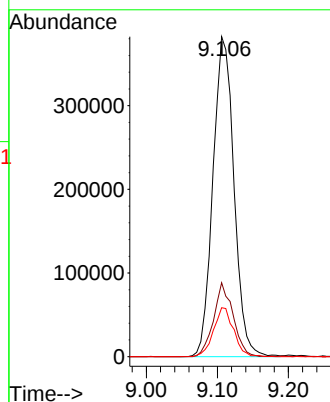
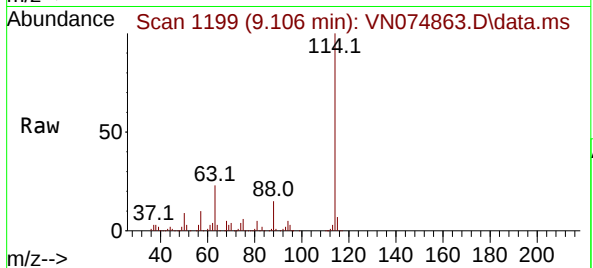
Tgt Ion:114 Resp: 786062

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.2

88 15.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 32.619 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074863.D

Acq: 11 Oct 2022 21:51

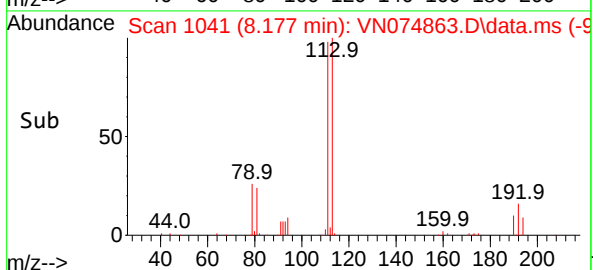
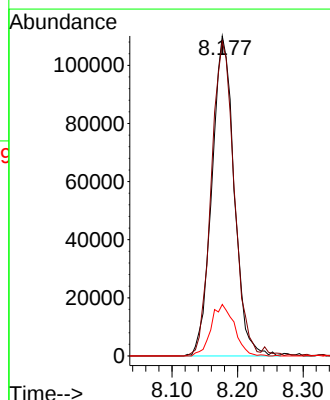
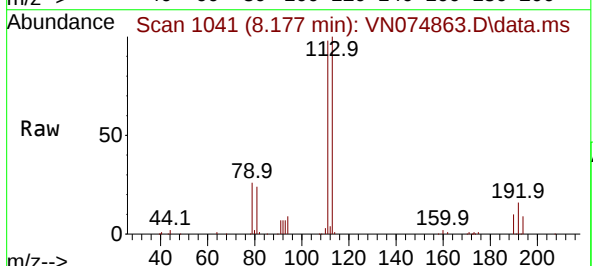
Tgt Ion:113 Resp: 259058

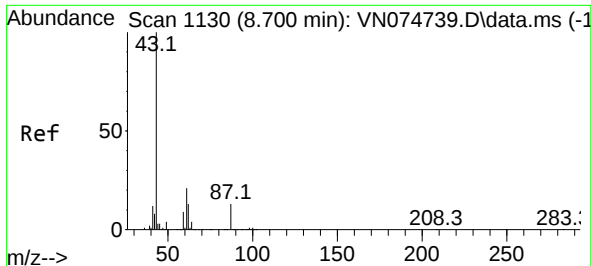
Ion Ratio Lower Upper

113 100

111 100.5 83.0 124.6

192 16.9 12.6 18.8

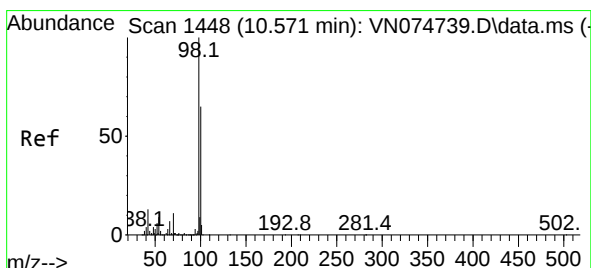
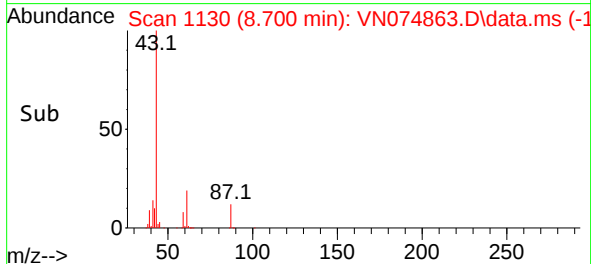
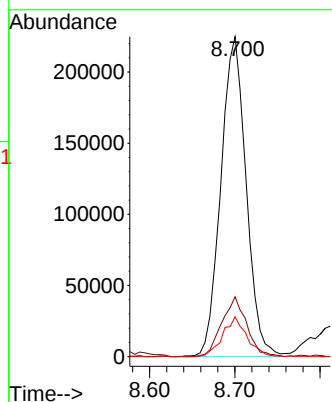
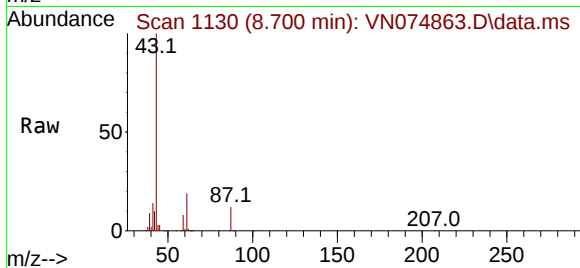




#43
Isopropyl Acetate
Concen: 14.527 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074863.D
Acq: 11 Oct 2022 21:51

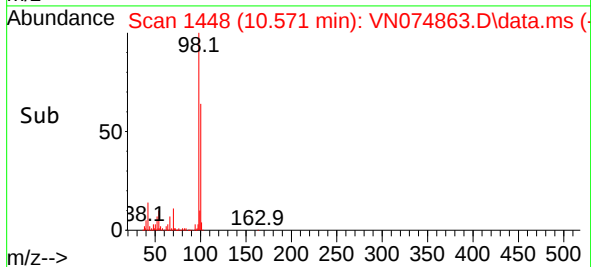
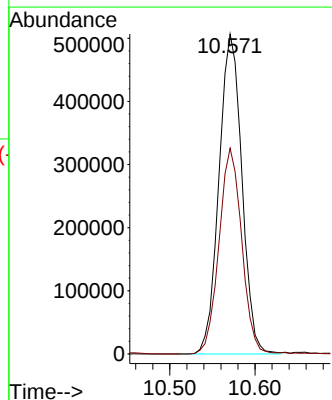
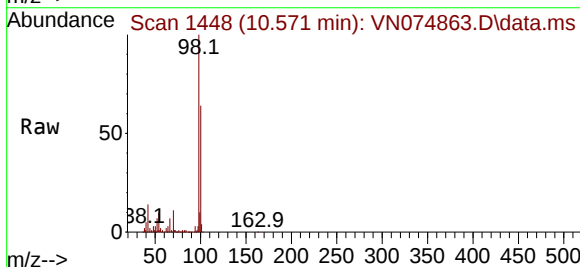
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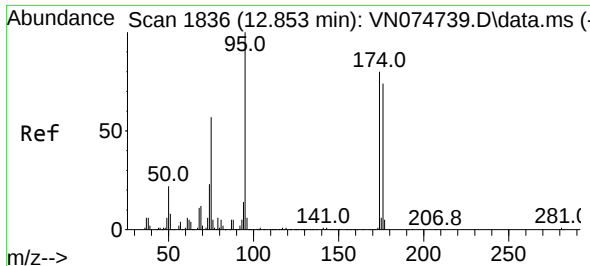
Tgt Ion: 43 Resp: 462885
Ion Ratio Lower Upper
43 100
61 18.4 19.4 29.0#
87 11.9 10.1 15.1



#50
Toluene-d8
Concen: 27.702 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074863.D
Acq: 11 Oct 2022 21:51

Tgt Ion: 98 Resp: 944043
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1

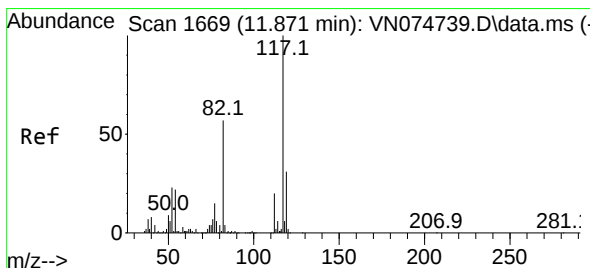
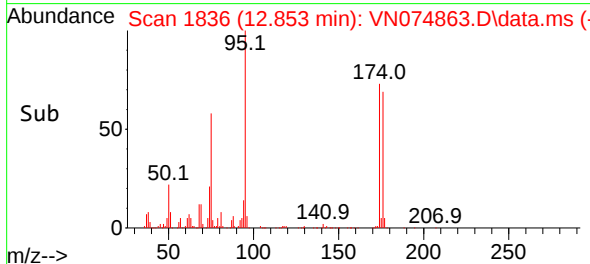
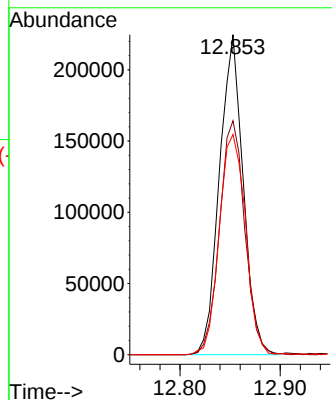
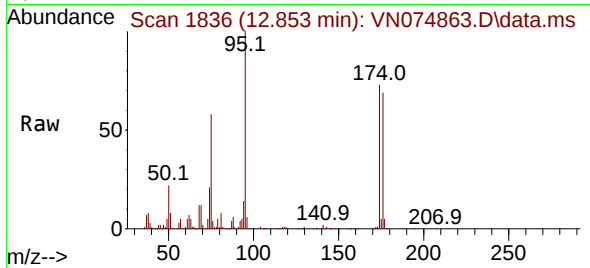




#62
4-Bromofluorobenzene
Concen: 35.551 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074863.D
Acq: 11 Oct 2022 21:51

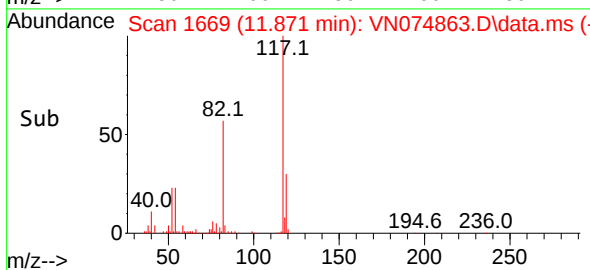
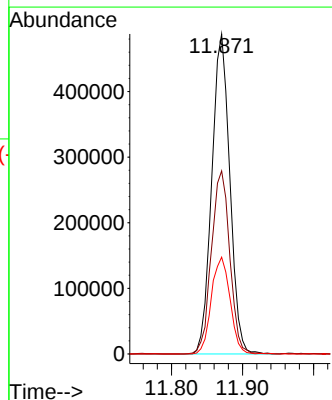
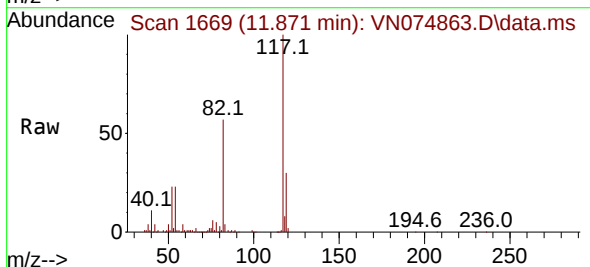
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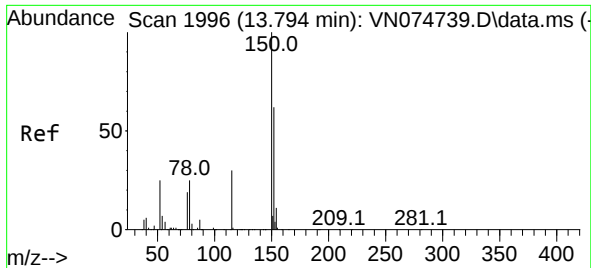
Tgt Ion: 95 Resp: 368284
Ion Ratio Lower Upper
95 100
174 78.0 0.0 149.4
176 76.3 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074863.D
Acq: 11 Oct 2022 21:51

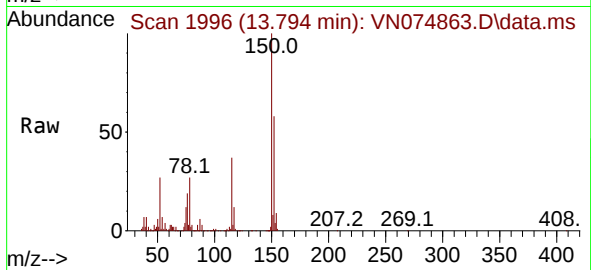
Tgt Ion: 117 Resp: 859683
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 30.3 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074863.D
 Acq: 11 Oct 2022 21:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#12



Tgt Ion:152 Resp: 378941
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.0 90.0
 150 161.0 0.0 356.4

