

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074751.D
 Acq On : 05 Oct 2022 20:49
 Operator : JC\MD
 Sample : N4957-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-19

Quant Time: Oct 06 07:42:22 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)

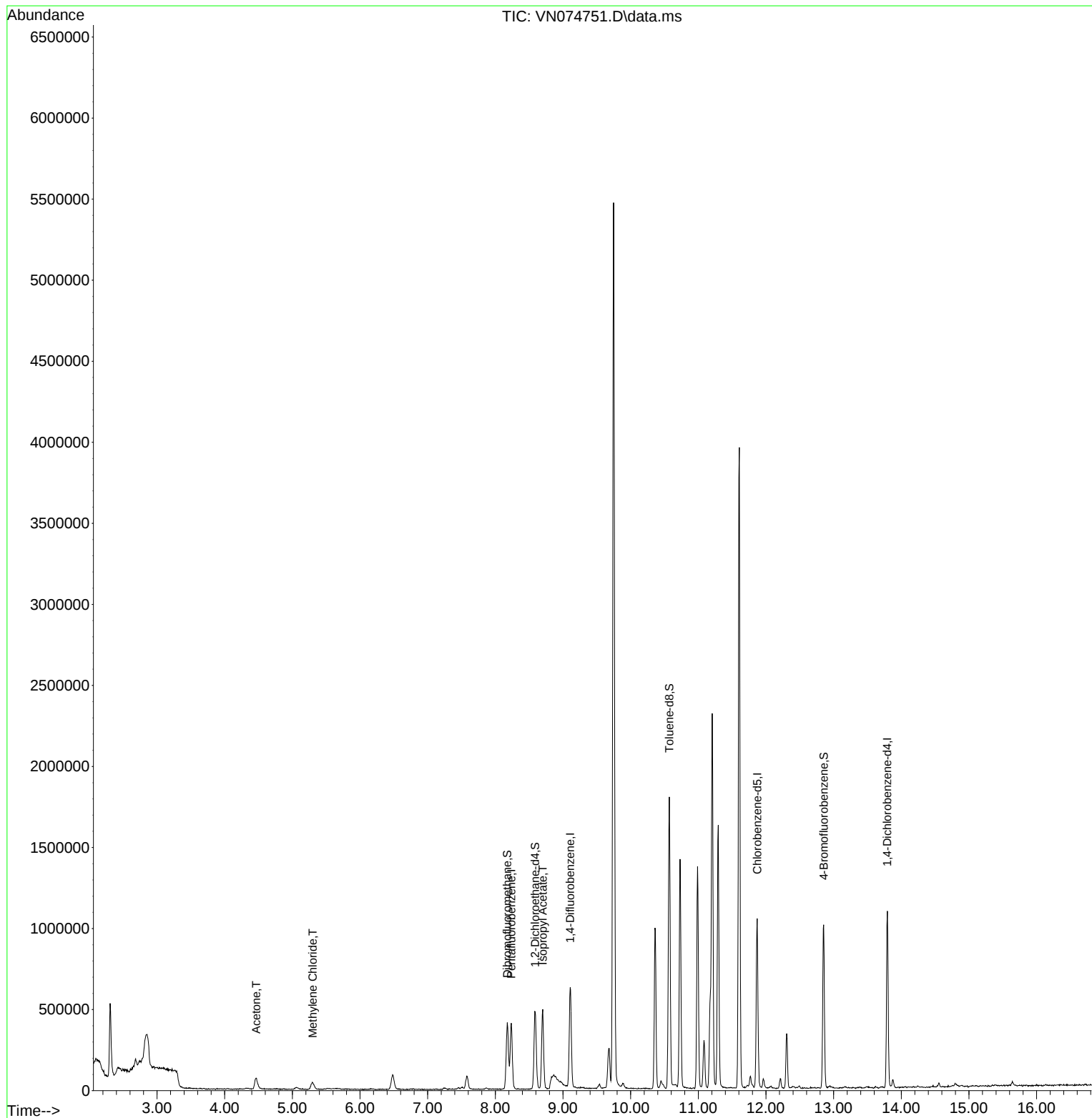
Internal Standards						
1) Pentafluorobenzene	8.236	168	282155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	548449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	575696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	278263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	368020	55.048	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.100%	
35) Dibromofluoromethane	8.177	113	280749	50.665	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.320%	
50) Toluene-d8	10.571	98	1210675	50.918	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	12.853	95	332533	46.007	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.020%	
Target Compounds						Qvalue
16) Acetone	4.465	43	138043	36.436	ug/l	96
20) Methylene Chloride	5.301	84	34272	3.627	ug/l	95
43) Isopropyl Acetate	8.700	43	571878m	25.723	ug/l	

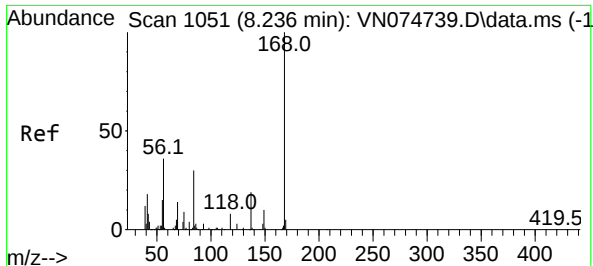
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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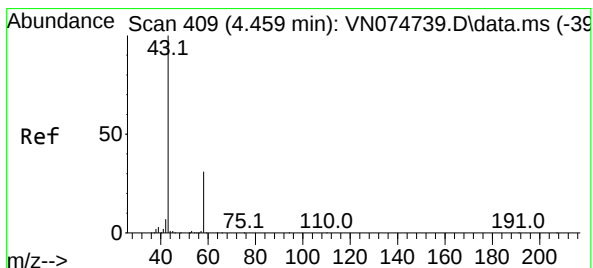
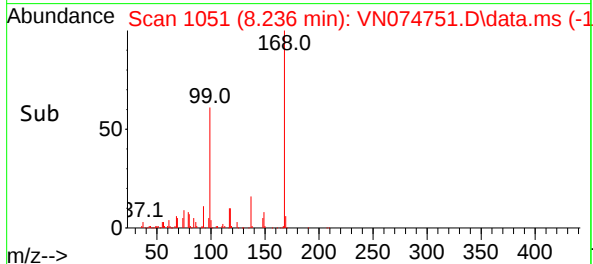
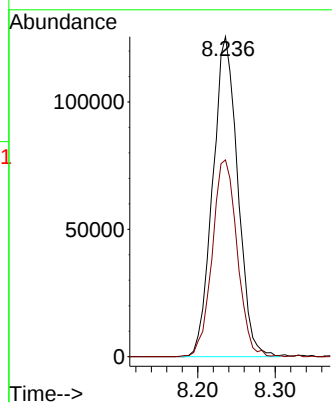
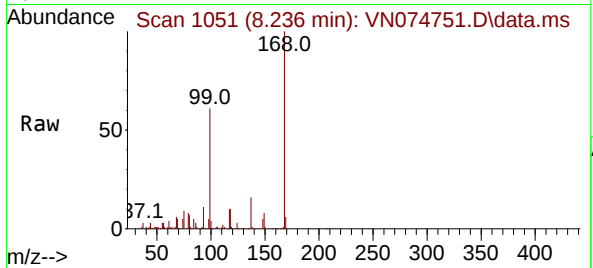




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074751.D
Acq: 05 Oct 2022 20:49

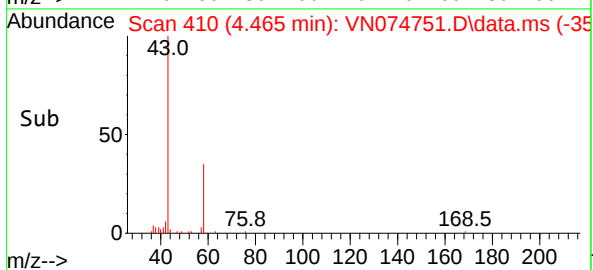
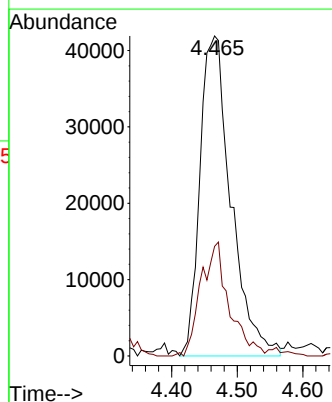
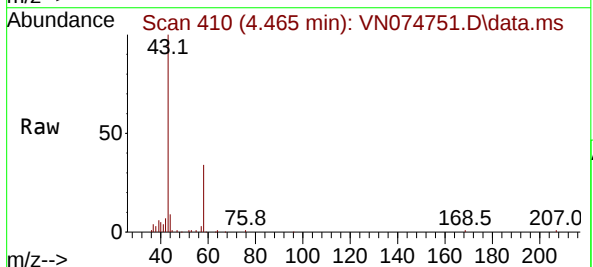
Instrument :
MSVOA_N
ClientSampleId :
SB-19

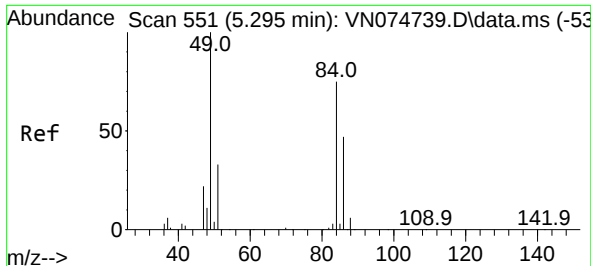
Tgt Ion:168 Resp: 282155
Ion Ratio Lower Upper
168 100
99 61.3 42.8 64.2



#16
Acetone
Concen: 36.436 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN074751.D
Acq: 05 Oct 2022 20:49

Tgt Ion: 43 Resp: 138043
Ion Ratio Lower Upper
43 100
58 33.2 24.9 37.3

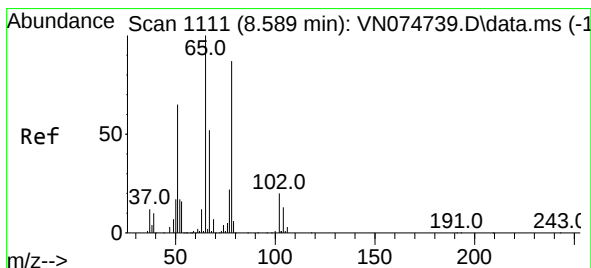
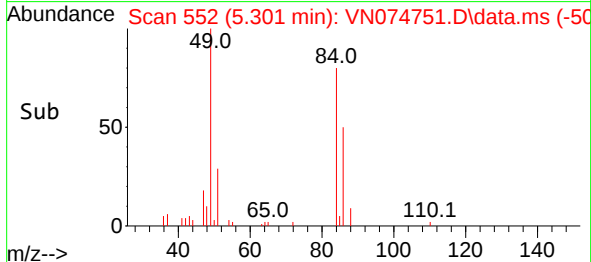
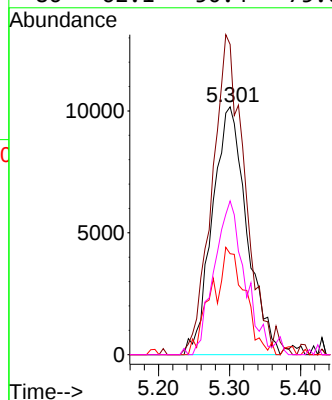
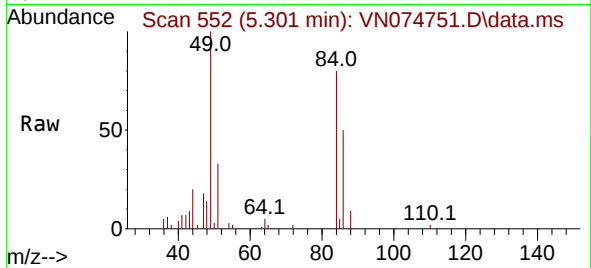




#20
Methylene Chloride
Concen: 3.627 ug/l
RT: 5.301 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN074751.D
Acq: 05 Oct 2022 20:49

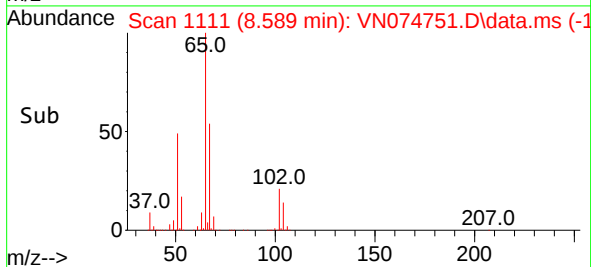
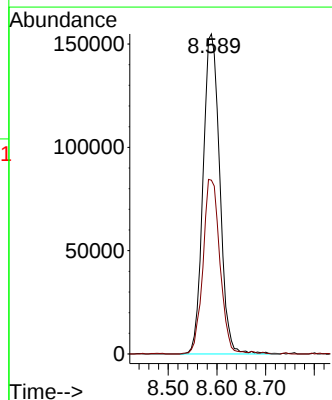
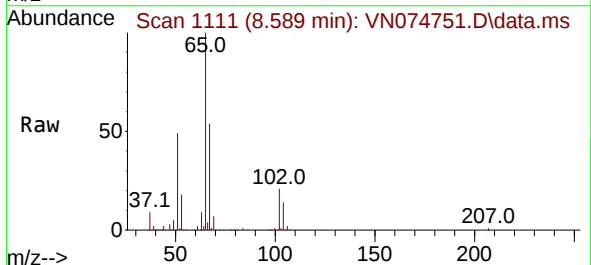
Instrument :
MSVOA_N
ClientSampleId :
SB-19

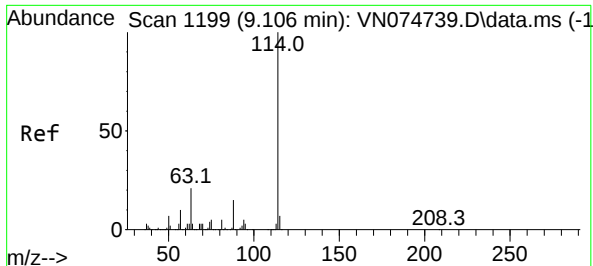
Tgt Ion: 84 Resp: 34272
Ion Ratio Lower Upper
84 100
49 125.1 107.4 161.0
51 40.7 35.1 52.7
86 62.1 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 55.048 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN074751.D
Acq: 05 Oct 2022 20:49

Tgt Ion: 65 Resp: 368020
Ion Ratio Lower Upper
65 100
67 55.3 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: VN074751.D

Acq: 05 Oct 2022 20:49

Instrument :

MSVOA_N

ClientSampleId :

SB-19

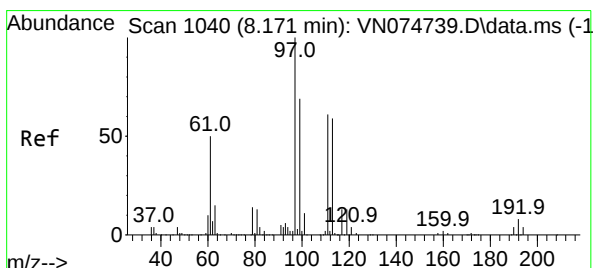
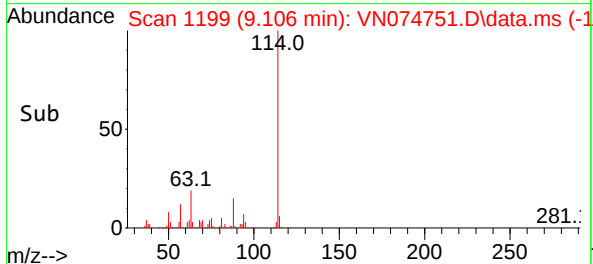
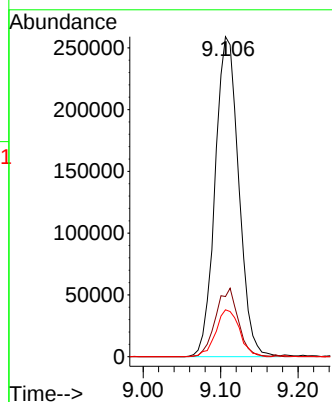
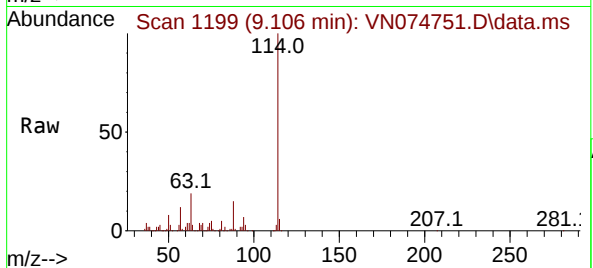
Tgt Ion:114 Resp: 548449

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.2

88 14.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.665 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074751.D

Acq: 05 Oct 2022 20:49

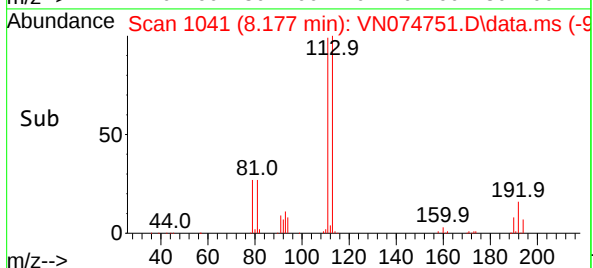
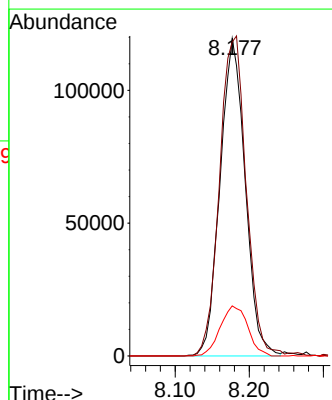
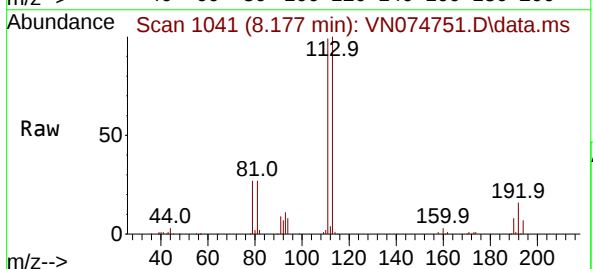
Tgt Ion:113 Resp: 280749

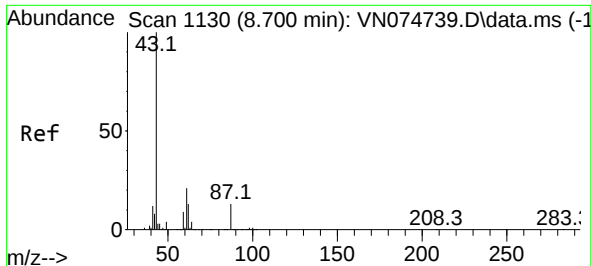
Ion Ratio Lower Upper

113 100

111 107.3 83.0 124.6

192 17.3 12.6 18.8





#43

Isopropyl Acetate

Concen: 25.723 ug/l m

RT: 8.700 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN074751.D

Acq: 05 Oct 2022 20:49

Instrument :

MSVOA_N

ClientSampleId :

SB-19

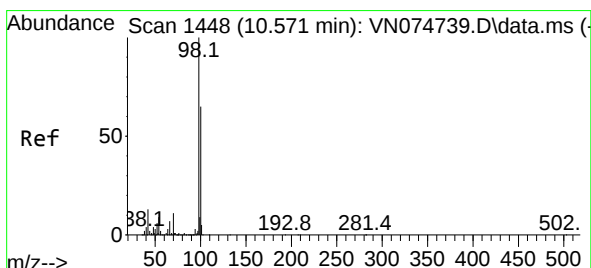
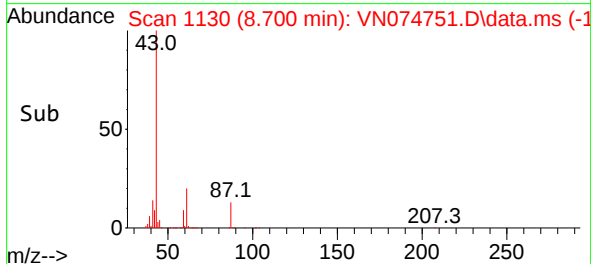
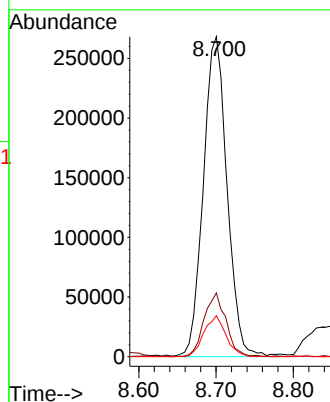
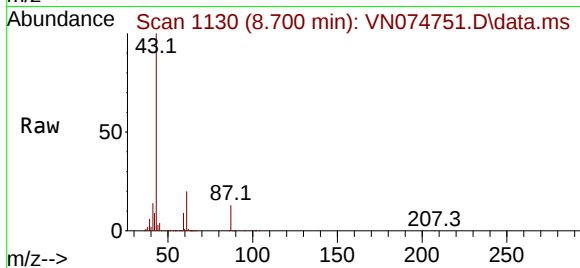
Tgt Ion: 43 Resp: 571878

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 10.1 15.1#



#50

Toluene-d8

Concen: 50.918 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074751.D

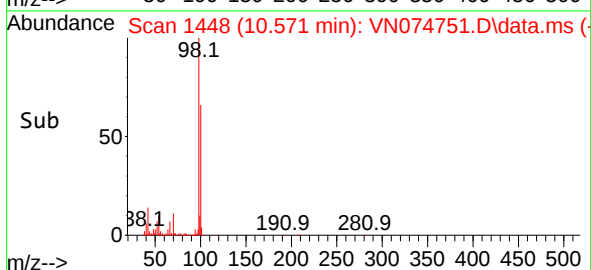
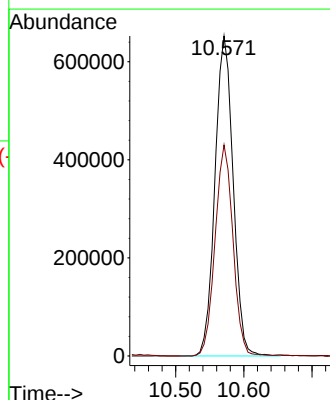
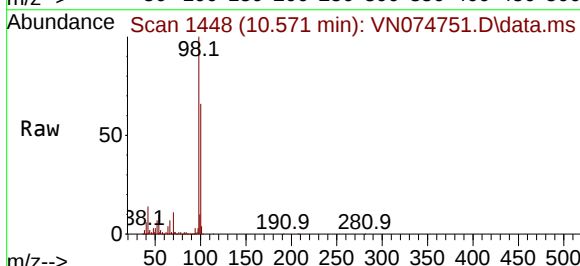
Acq: 05 Oct 2022 20:49

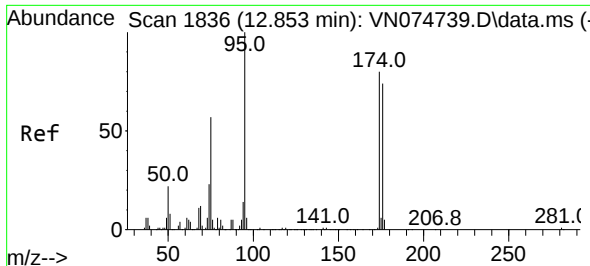
Tgt Ion: 98 Resp: 1210675

Ion Ratio Lower Upper

98 100

100 65.0 50.7 76.1

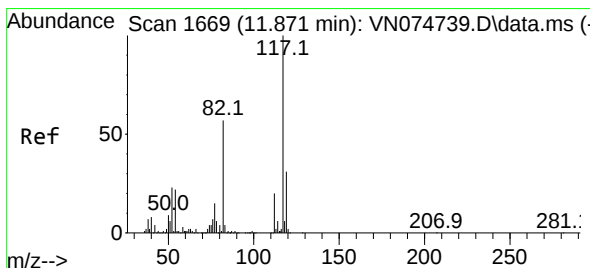
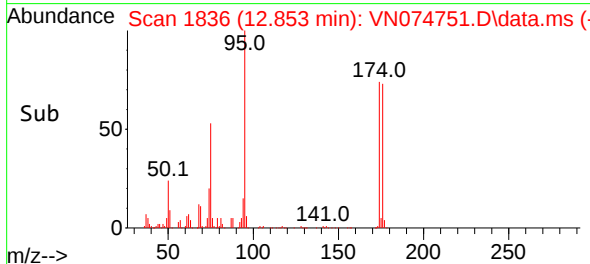
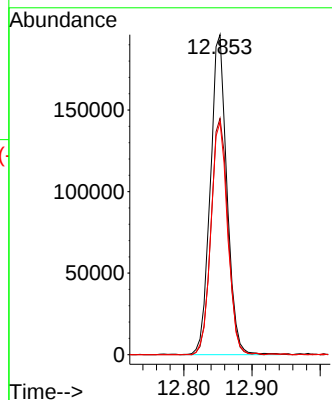
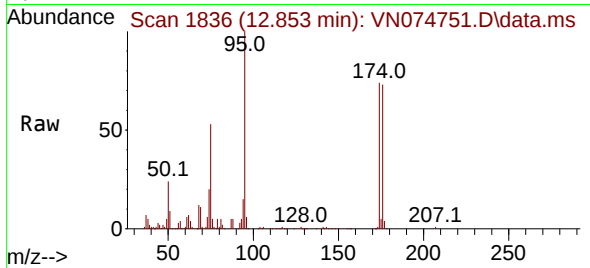




#62
4-Bromofluorobenzene
Concen: 46.007 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN074751.D
Acq: 05 Oct 2022 20:49

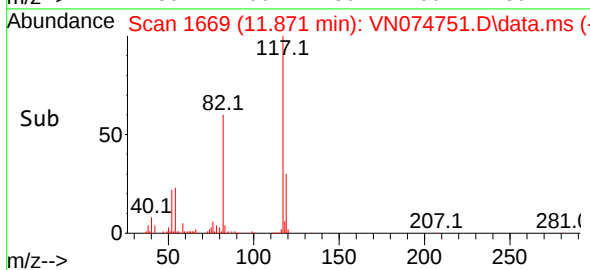
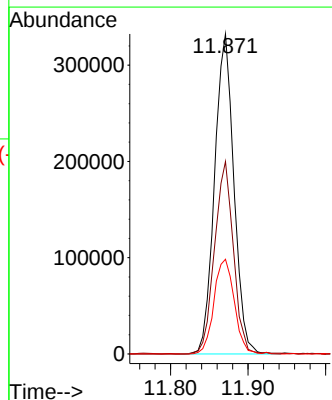
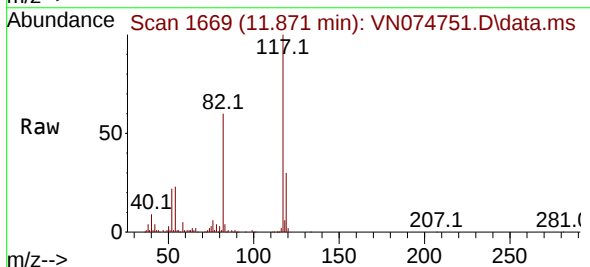
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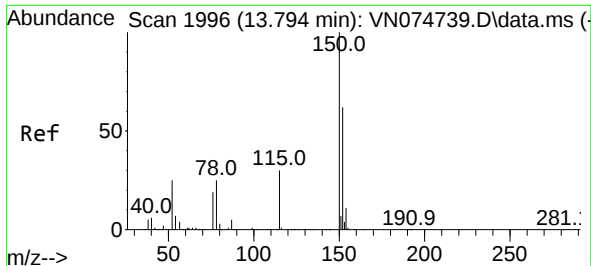
Tgt Ion: 95 Resp: 332533
Ion Ratio Lower Upper
95 100
174 74.9 0.0 149.4
176 73.2 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN074751.D
Acq: 05 Oct 2022 20:49

Tgt Ion: 117 Resp: 575696
Ion Ratio Lower Upper
117 100
82 60.1 45.4 68.2
119 29.6 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: VN074751.D
 Acq: 05 Oct 2022 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-19

Tgt Ion:152 Resp: 278263

Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.0	90.0
150	156.3	0.0	356.4

