

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100522\
 Data File : VN074754.D
 Acq On : 05 Oct 2022 22:01
 Operator : JC\MD
 Sample : N4957-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22

Quant Time: Oct 06 07:43:39 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)

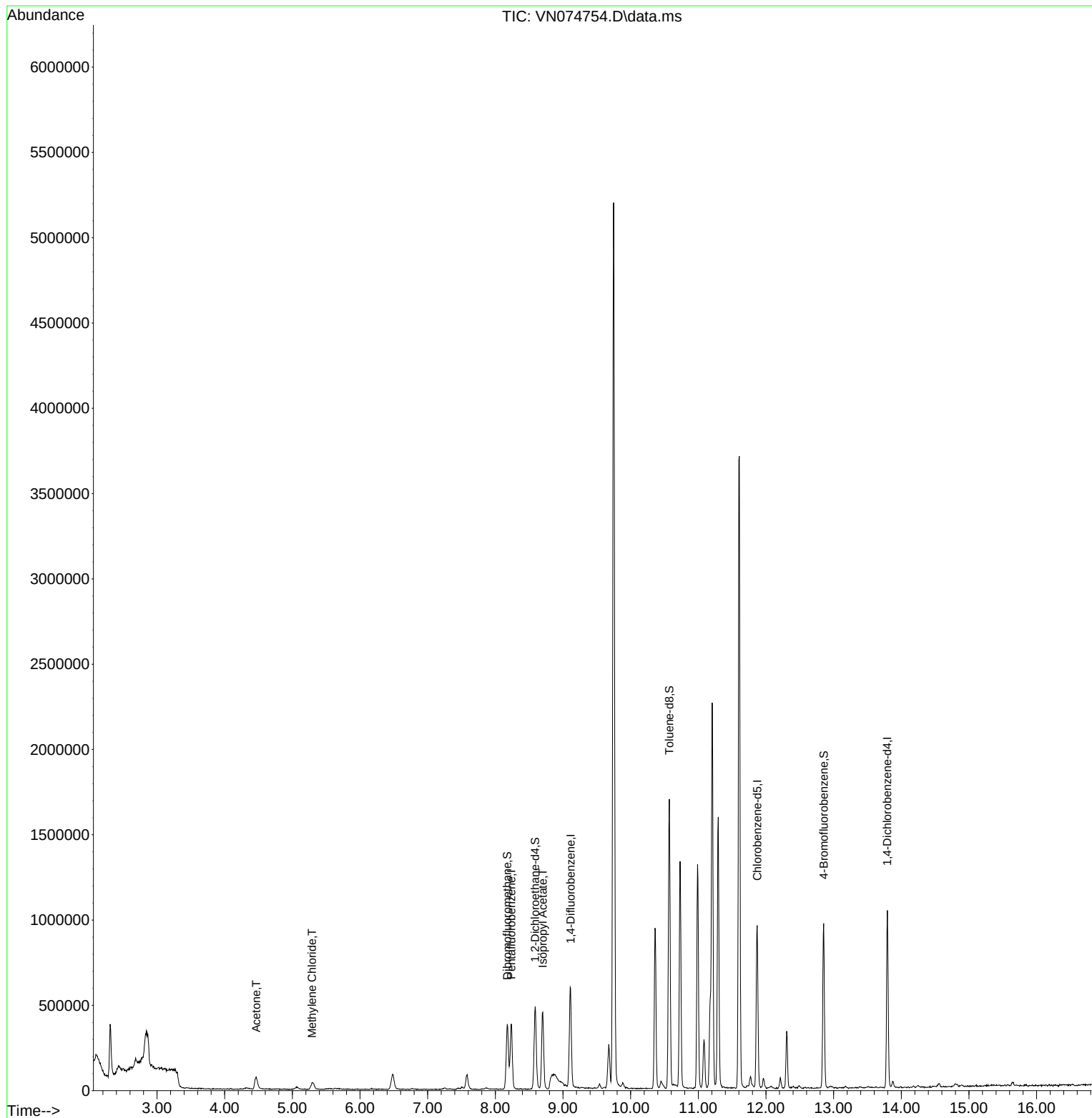
Internal Standards						
1) Pentafluorobenzene	8.235	168	269103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	497451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	539694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	353620	55.460	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.920%	
35) Dibromofluoromethane	8.177	113	274453	54.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.220%	
50) Toluene-d8	10.571	98	1120483	51.956	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	12.853	95	307895	46.966	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.940%	
Target Compounds						
						Qvalue
16) Acetone	4.465	43	133438	36.929	ug/l	100
20) Methylene Chloride	5.289	84	28276	2.824	ug/l	94
43) Isopropyl Acetate	8.700	43	546963	27.124	ug/l #	91

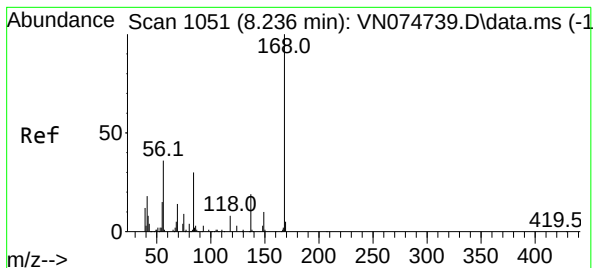
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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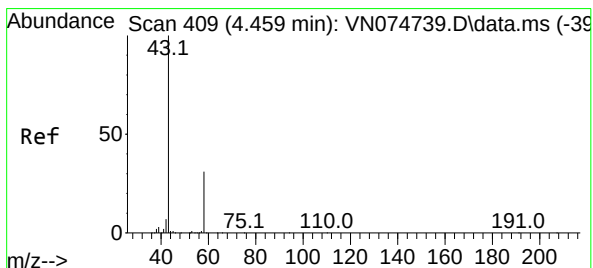
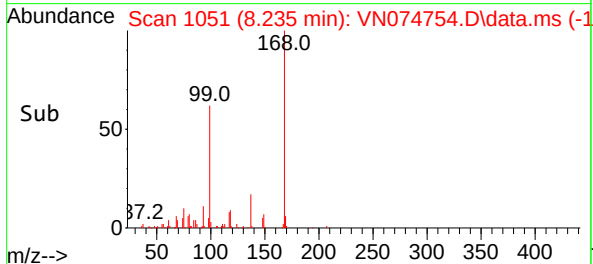
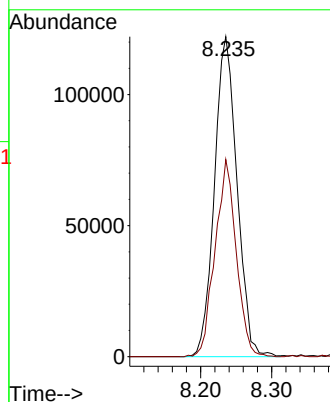
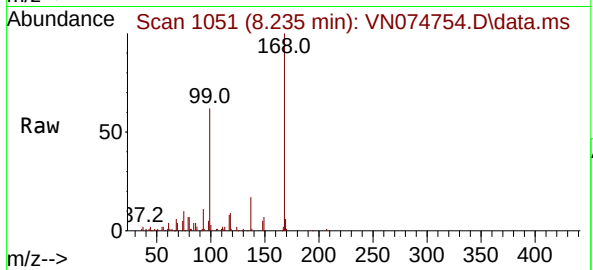




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074754.D
Acq: 05 Oct 2022 22:01

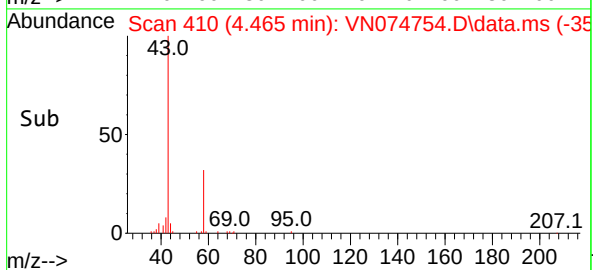
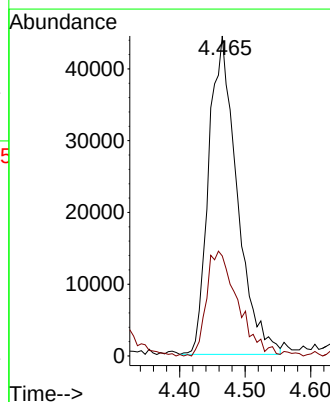
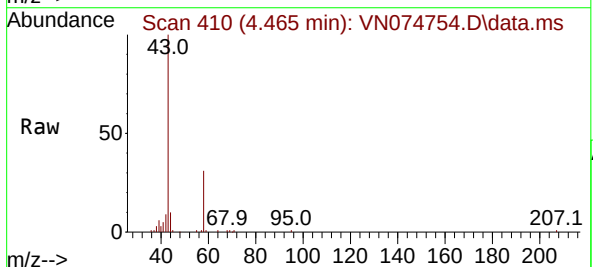
Instrument :
MSVOA_N
ClientSampleId :
SB-22

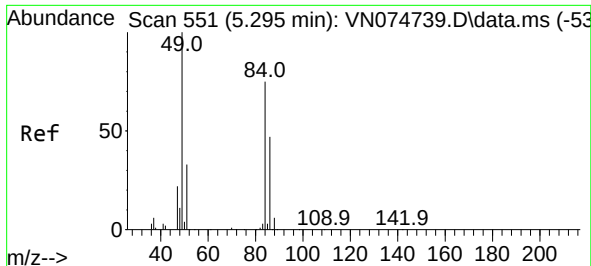
Tgt Ion:168 Resp: 269103
Ion Ratio Lower Upper
168 100
99 61.6 42.8 64.2



#16
Acetone
Concen: 36.929 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN074754.D
Acq: 05 Oct 2022 22:01

Tgt Ion: 43 Resp: 133438
Ion Ratio Lower Upper
43 100
58 30.9 24.9 37.3

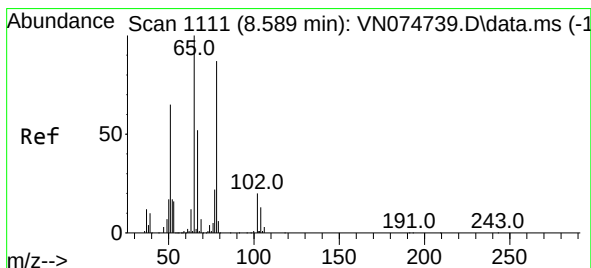
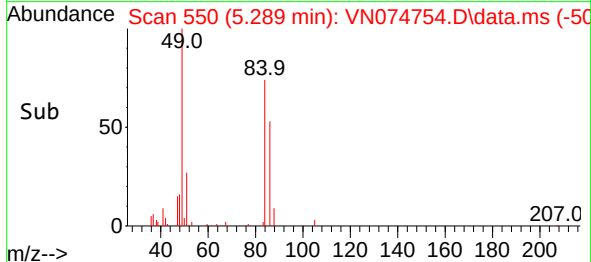
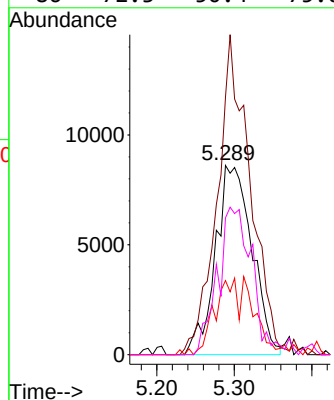
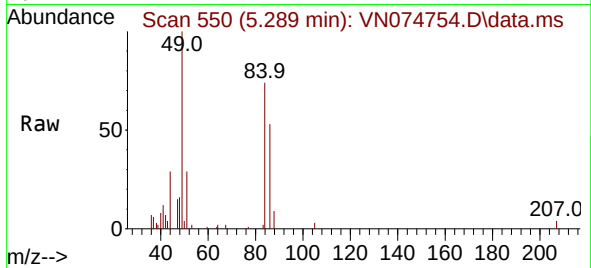




#20
Methylene Chloride
Concen: 2.824 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN074754.D
Acq: 05 Oct 2022 22:01

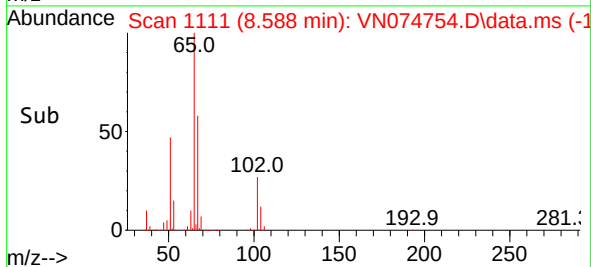
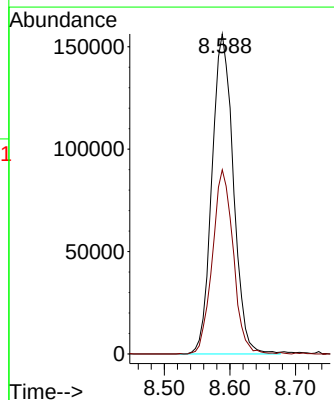
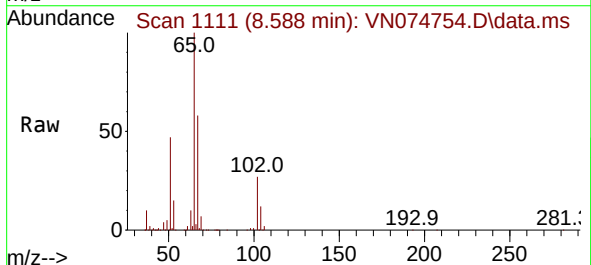
Instrument :
MSVOA_N
ClientSampleId :
SB-22

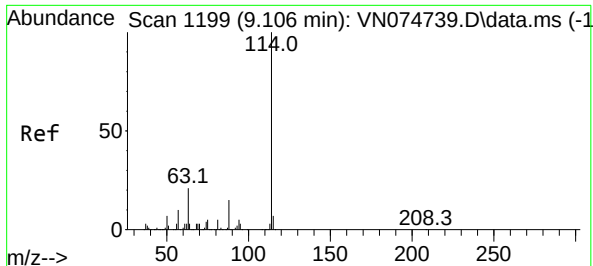
Tgt Ion: 84 Resp: 28276
Ion Ratio Lower Upper
84 100
49 136.0 107.4 161.0
51 36.5 35.1 52.7
86 72.3 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 55.460 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074754.D
Acq: 05 Oct 2022 22:01

Tgt Ion: 65 Resp: 353620
Ion Ratio Lower Upper
65 100
67 56.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1199

Delta R.T. 0.006 min

Lab File: VN074754.D

Acq: 05 Oct 2022 22:01

Instrument :

MSVOA_N

ClientSampleId :

SB-22

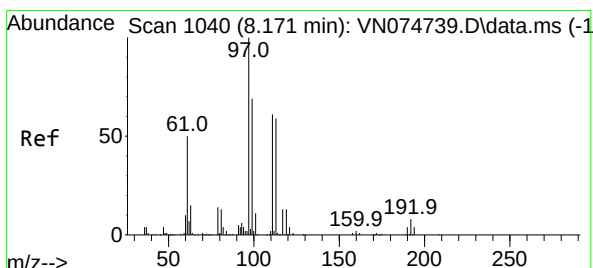
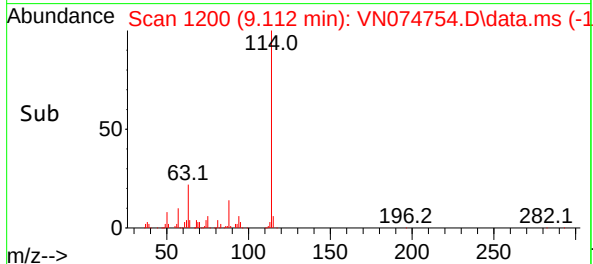
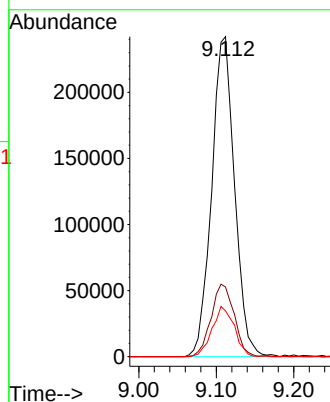
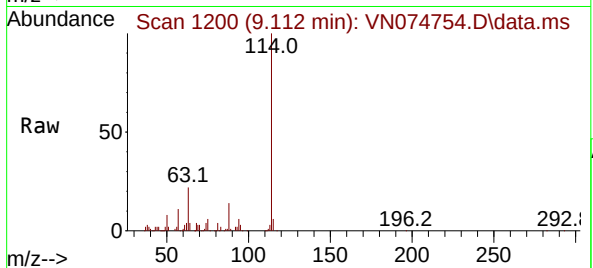
Tgt Ion:114 Resp: 497451

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.2

88 14.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 54.606 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074754.D

Acq: 05 Oct 2022 22:01

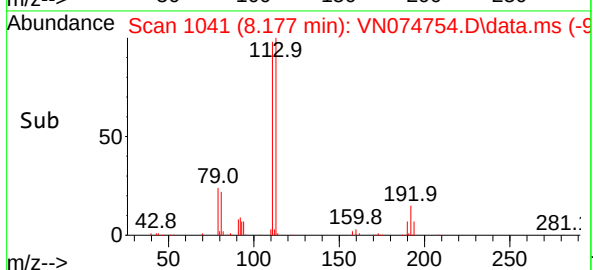
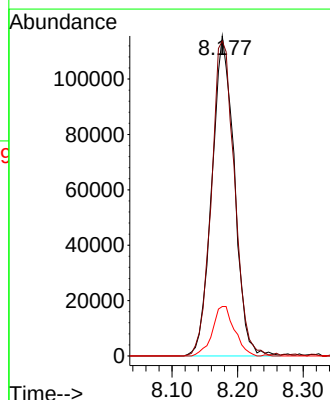
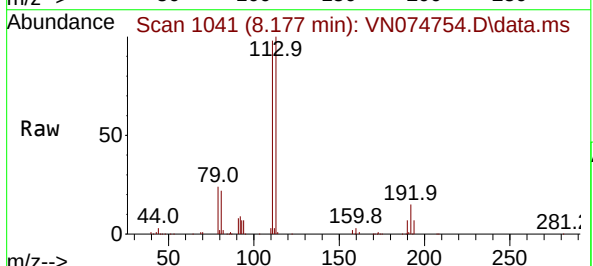
Tgt Ion:113 Resp: 274453

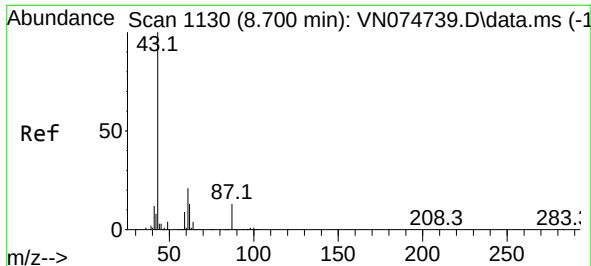
Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.6

192 15.2 12.6 18.8

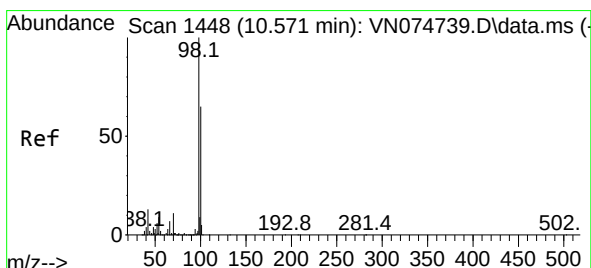
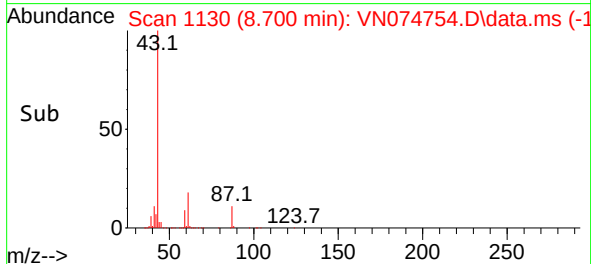
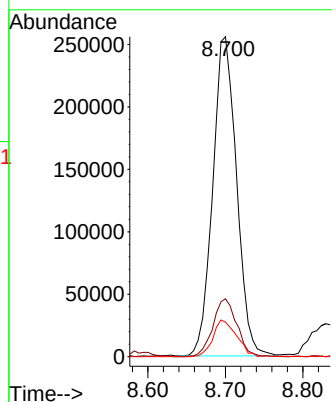
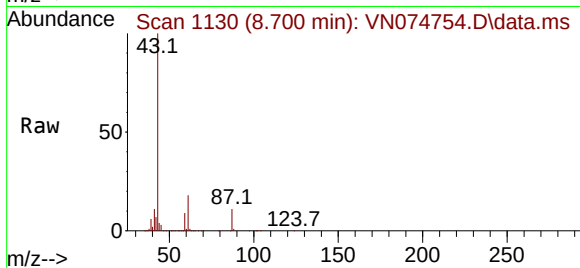




#43
Isopropyl Acetate
Concen: 27.124 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074754.D
Acq: 05 Oct 2022 22:01

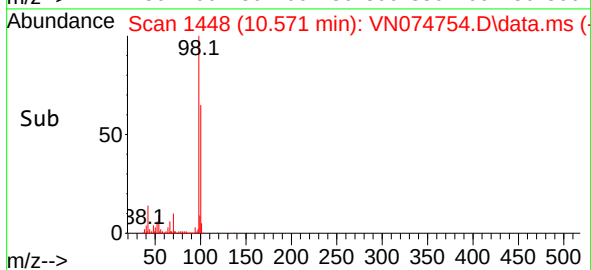
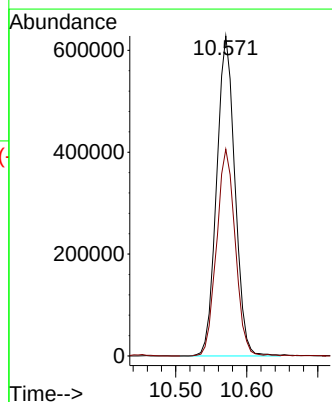
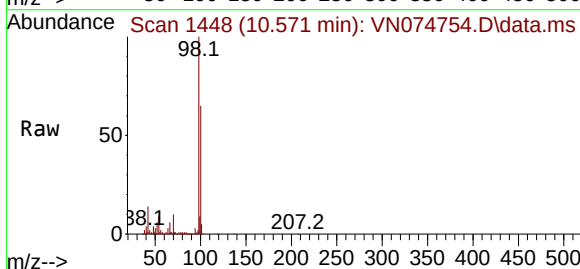
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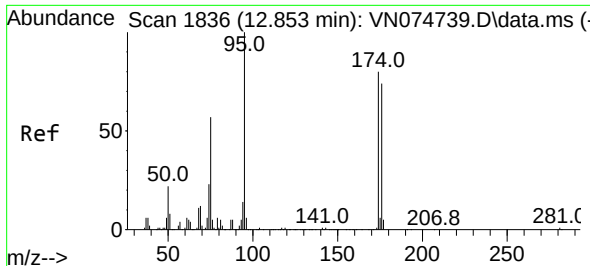
Tgt Ion: 43 Resp: 546963
Ion Ratio Lower Upper
43 100
61 18.3 19.4 29.0#
87 11.5 10.1 15.1



#50
Toluene-d8
Concen: 51.956 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074754.D
Acq: 05 Oct 2022 22:01

Tgt Ion: 98 Resp: 1120483
Ion Ratio Lower Upper
98 100
100 66.0 50.7 76.1

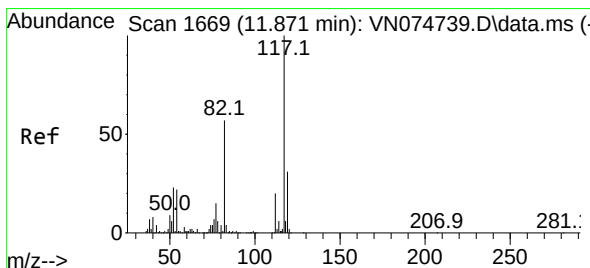
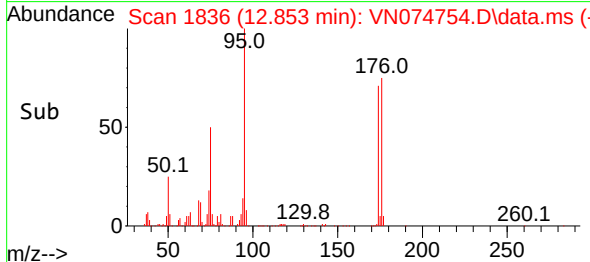
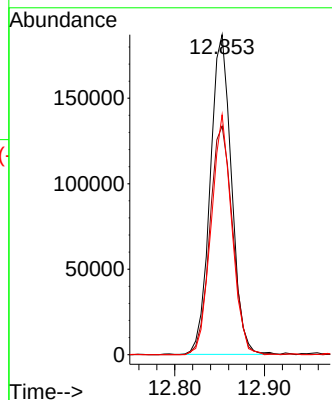
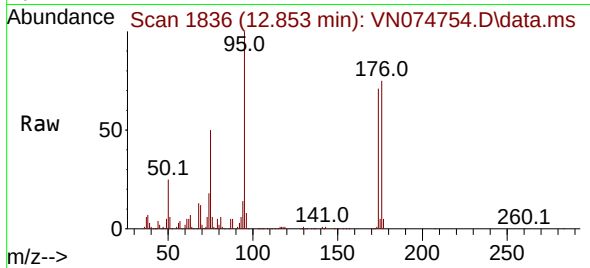




#62
4-Bromofluorobenzene
Concen: 46.966 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074754.D
Acq: 05 Oct 2022 22:01

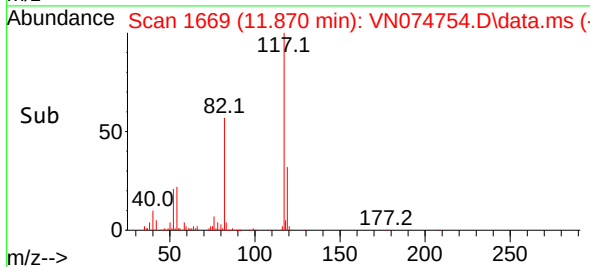
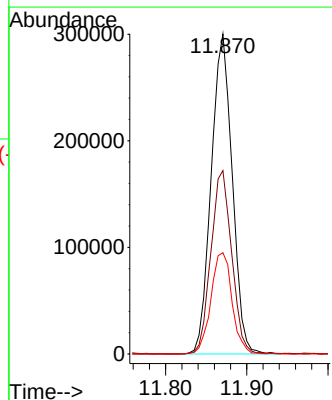
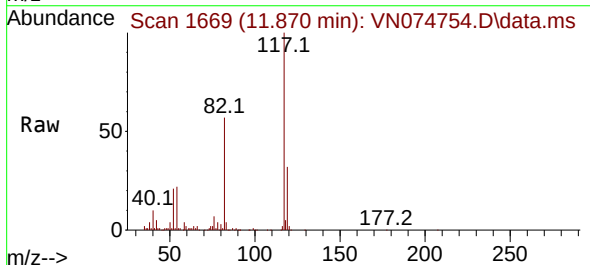
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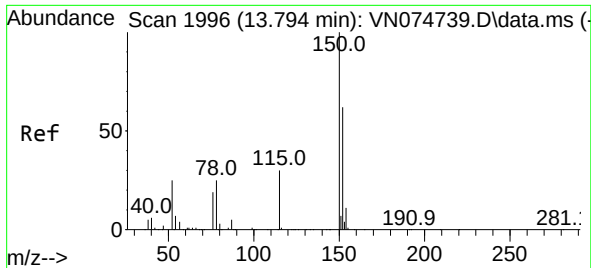
Tgt Ion: 95 Resp: 307895
Ion Ratio Lower Upper
95 100
174 76.5 0.0 149.4
176 72.9 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074754.D
Acq: 05 Oct 2022 22:01

Tgt Ion: 117 Resp: 539694
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.2
119 31.7 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: VN074754.D
 Acq: 05 Oct 2022 22:01

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22

Tgt Ion:152 Resp: 259853

Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.0	90.0
150	157.8	0.0	356.4

