

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074858.D
 Acq On : 11 Oct 2022 19:50
 Operator : JC\MD
 Sample : PB148255ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#07

Quant Time: Oct 12 03:58:17 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)

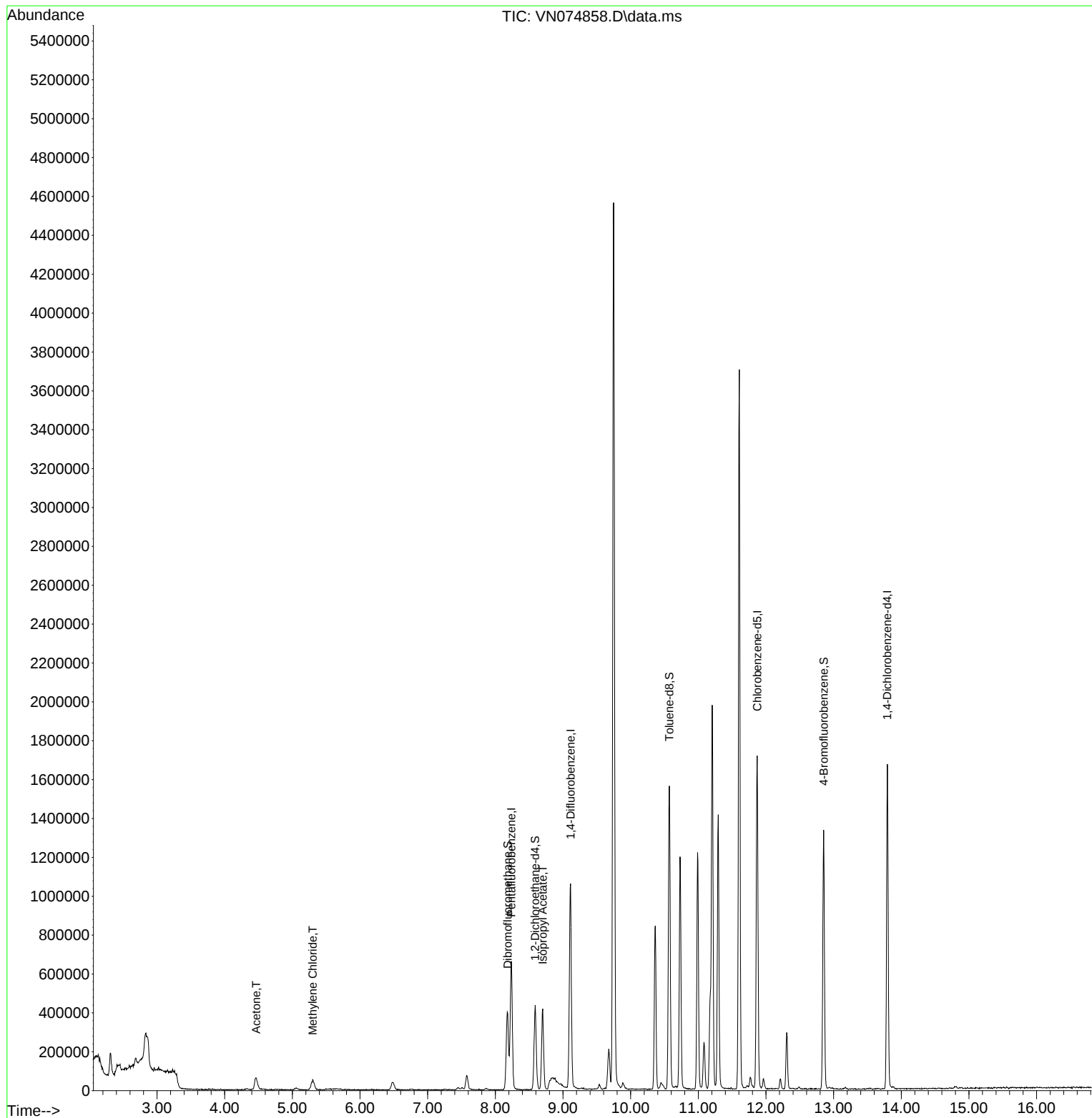
Internal Standards						
1) Pentafluorobenzene	8.235	168	459069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	894120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	949097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	406818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	319988	29.418	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	58.840%#
35) Dibromofluoromethane	8.182	113	284163	31.456	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	62.920%#
50) Toluene-d8	10.571	98	1055020	27.217	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	54.440%#
62) 4-Bromofluorobenzene	12.853	95	401735	34.093	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	68.180%#
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	121868	19.770	ug/l	93
20) Methylene Chloride	5.300	84	37561	1.685	ug/l	97
43) Isopropyl Acetate	8.700	43	470802	12.990	ug/l #	91

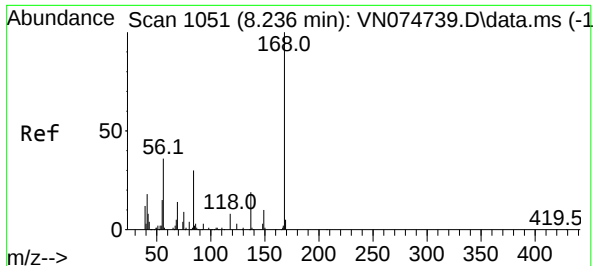
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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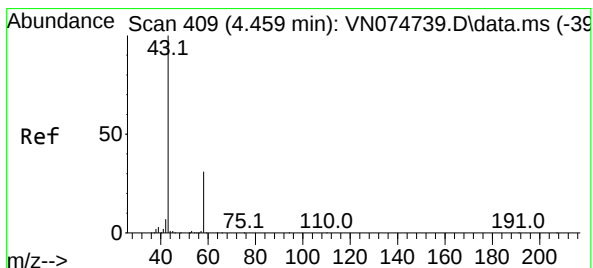
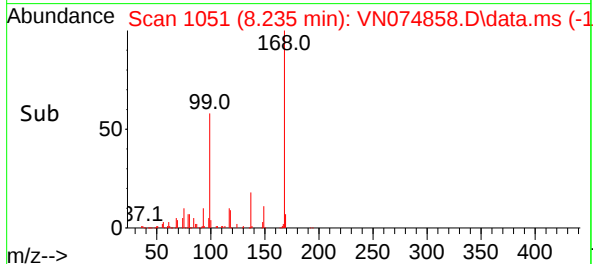
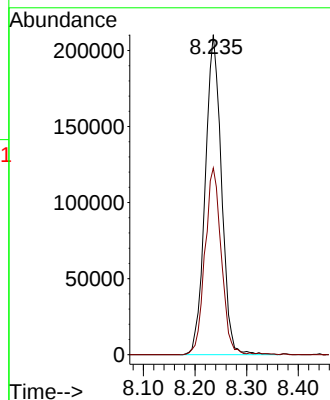
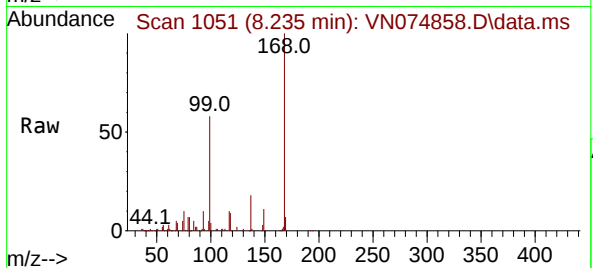




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074858.D
Acq: 11 Oct 2022 19:50

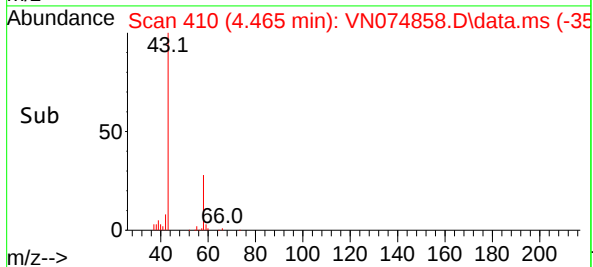
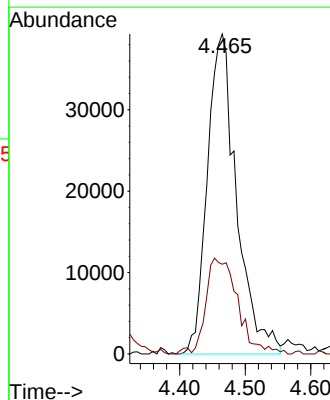
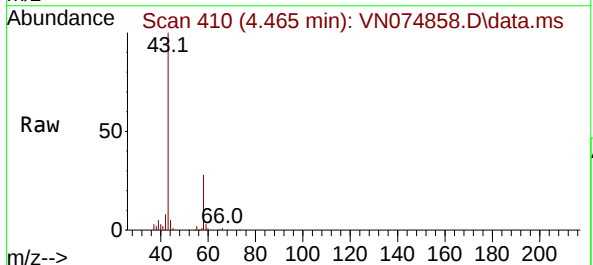
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#07

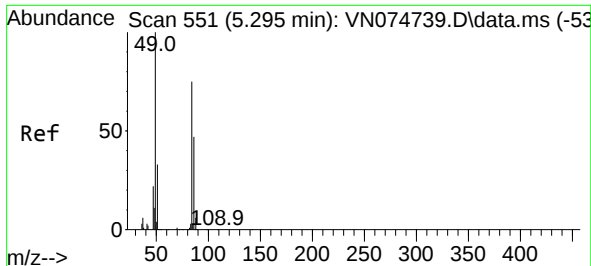
Tgt Ion:168 Resp: 459069
Ion Ratio Lower Upper
168 100
99 58.4 42.8 64.2



#16
Acetone
Concen: 19.770 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN074858.D
Acq: 11 Oct 2022 19:50

Tgt Ion: 43 Resp: 121868
Ion Ratio Lower Upper
43 100
58 27.3 24.9 37.3

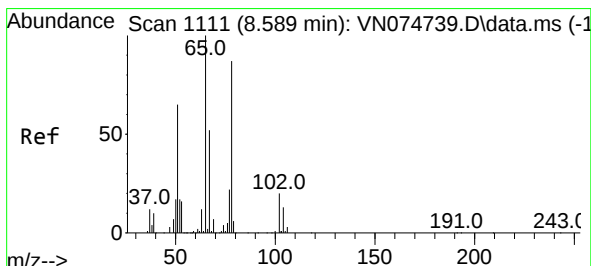
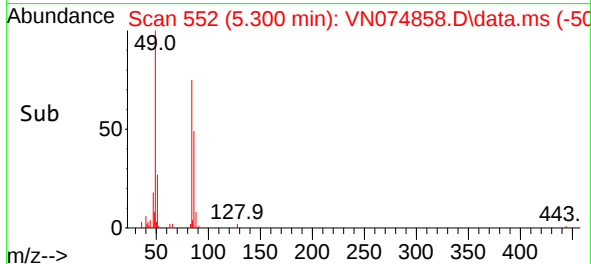
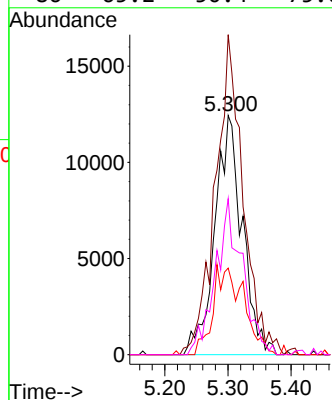
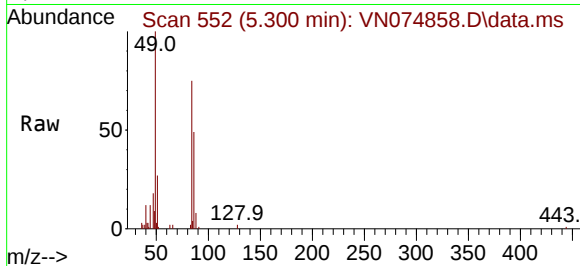




#20
Methylene Chloride
Concen: 1.685 ug/l
RT: 5.300 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN074858.D
Acq: 11 Oct 2022 19:50

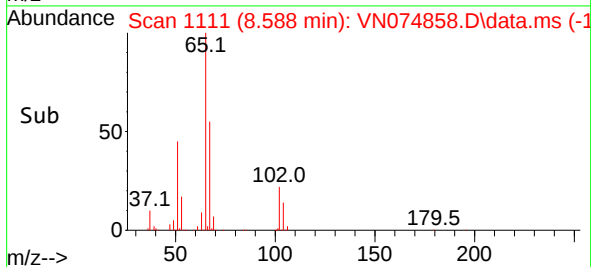
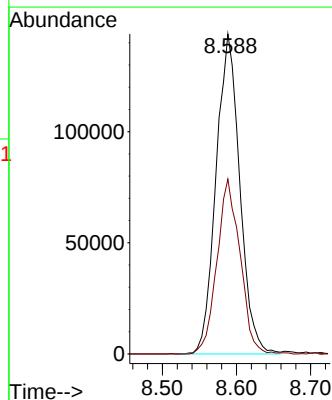
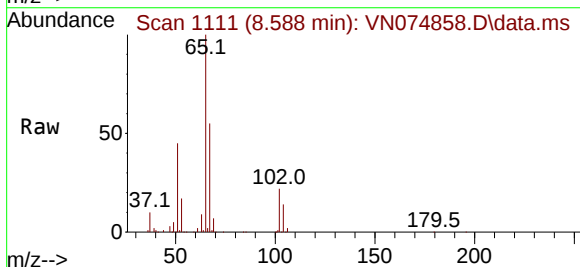
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#07

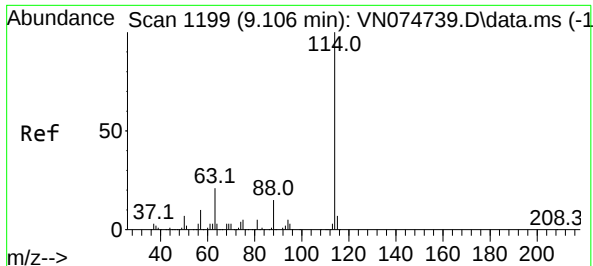
Tgt Ion: 84 Resp: 37561
Ion Ratio Lower Upper
84 100
49 133.7 107.4 161.0
51 36.2 35.1 52.7
86 65.2 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 29.418 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074858.D
Acq: 11 Oct 2022 19:50

Tgt Ion: 65 Resp: 319988
Ion Ratio Lower Upper
65 100
67 53.2 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: VN074858.D

Acq: 11 Oct 2022 19:50

Instrument :

MSVOA_N

ClientSampleId :

PB148255ZHE#07

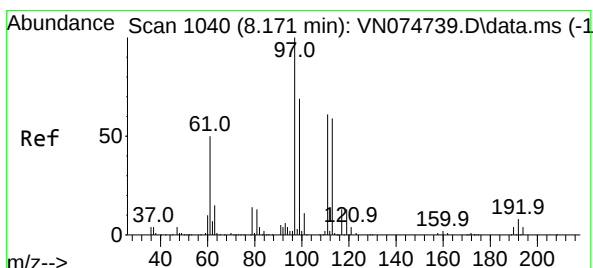
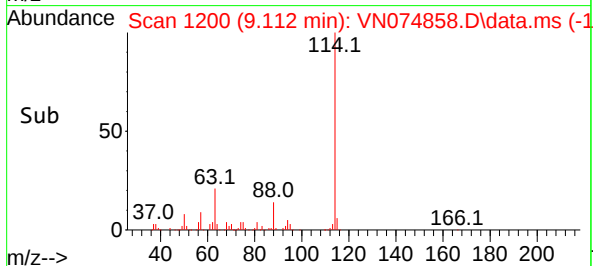
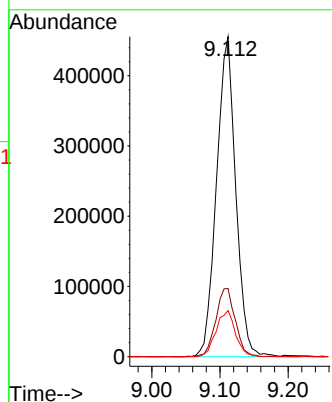
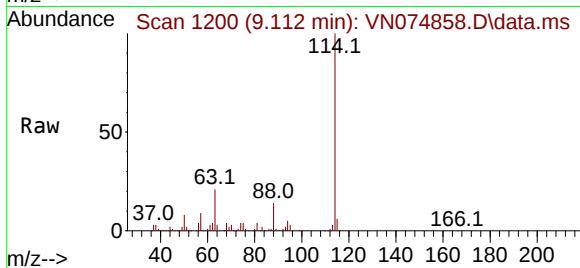
Tgt Ion:114 Resp: 894120

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.2

88 14.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 31.456 ug/l

RT: 8.182 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VN074858.D

Acq: 11 Oct 2022 19:50

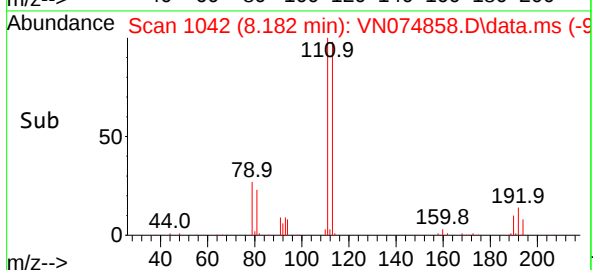
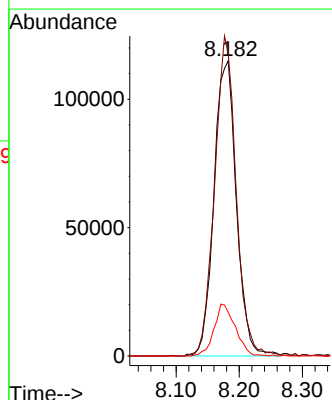
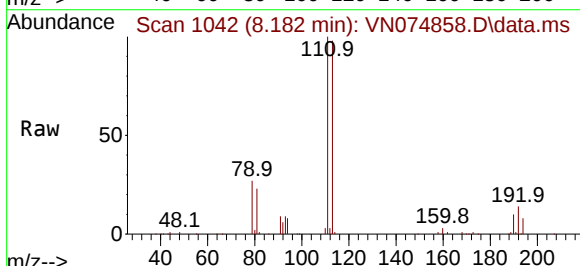
Tgt Ion:113 Resp: 284163

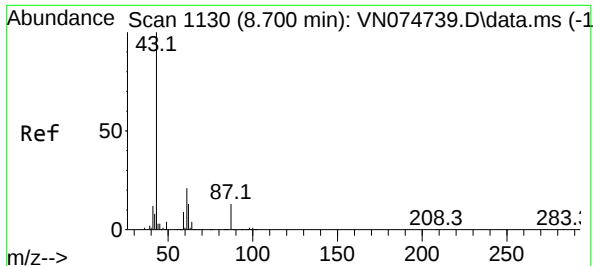
Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

192 16.6 12.6 18.8

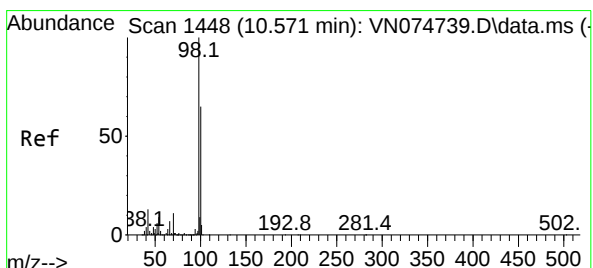
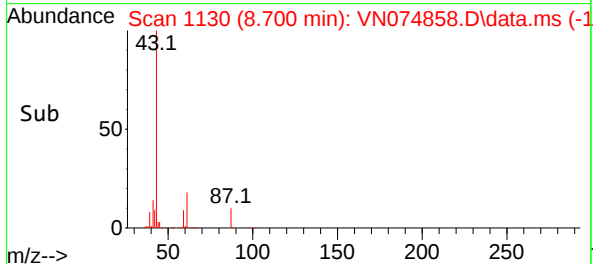
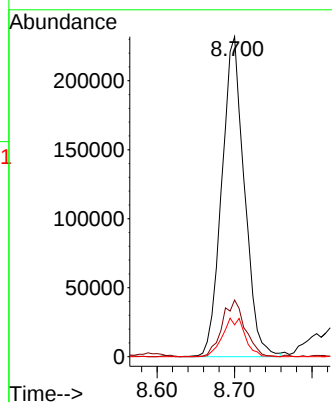
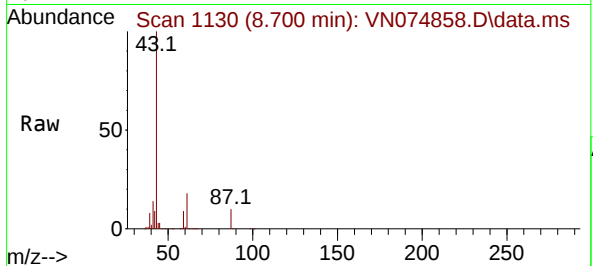




#43
Isopropyl Acetate
Concen: 12.990 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074858.D
Acq: 11 Oct 2022 19:50

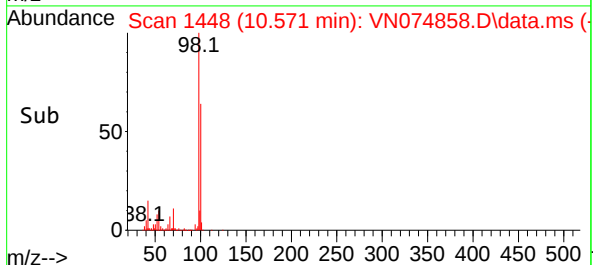
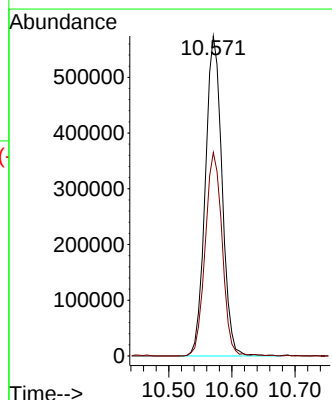
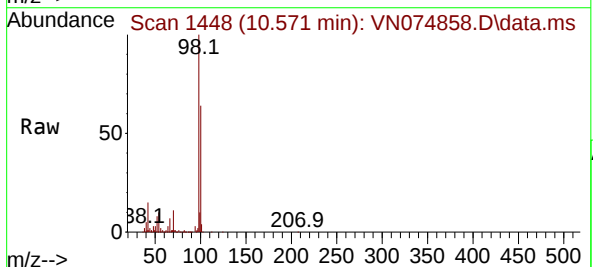
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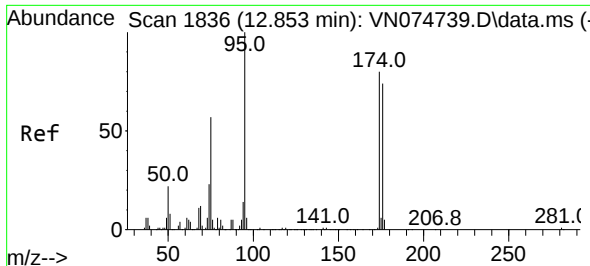
Tgt Ion: 43 Resp: 470802
Ion Ratio Lower Upper
43 100
61 18.1 19.4 29.0#
87 12.0 10.1 15.1



#50
Toluene-d8
Concen: 27.217 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074858.D
Acq: 11 Oct 2022 19:50

Tgt Ion: 98 Resp: 1055020
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1

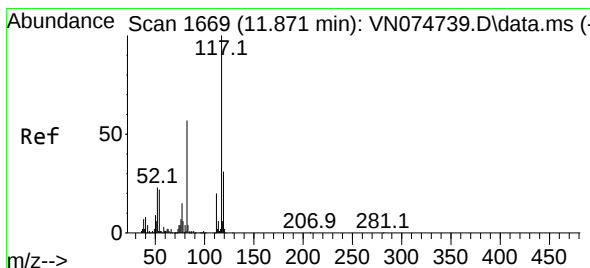
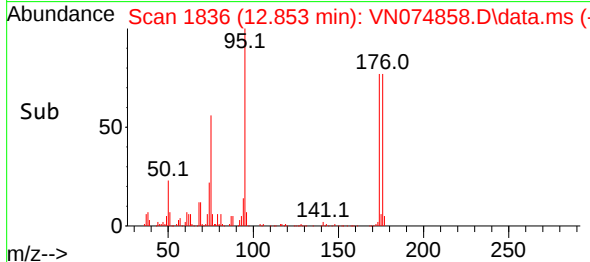
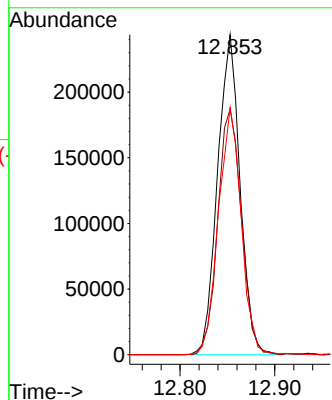
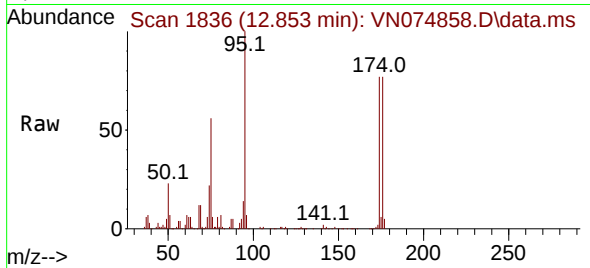




#62
4-Bromofluorobenzene
Concen: 34.093 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074858.D
Acq: 11 Oct 2022 19:50

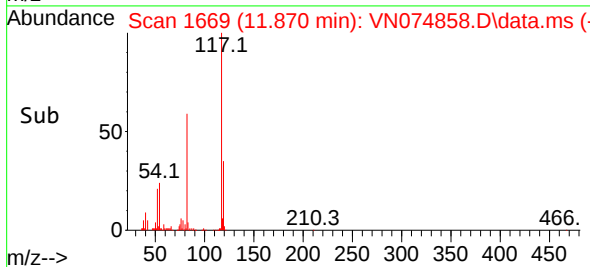
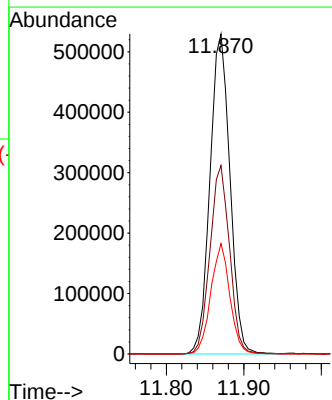
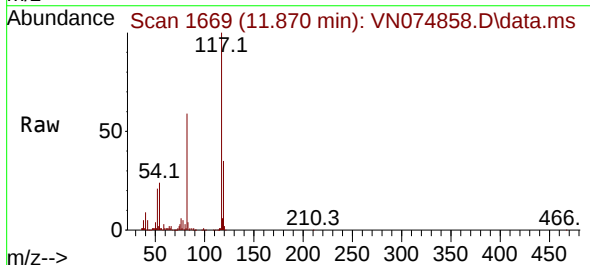
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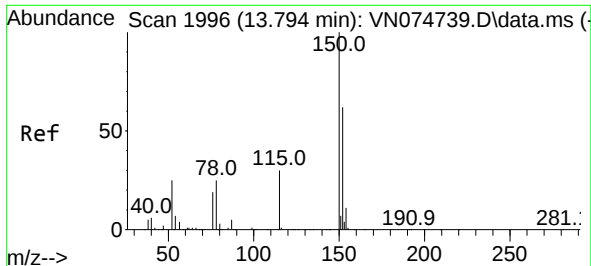
Tgt Ion: 95 Resp: 401735
Ion Ratio Lower Upper
95 100
174 80.6 0.0 149.4
176 78.4 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074858.D
Acq: 11 Oct 2022 19:50

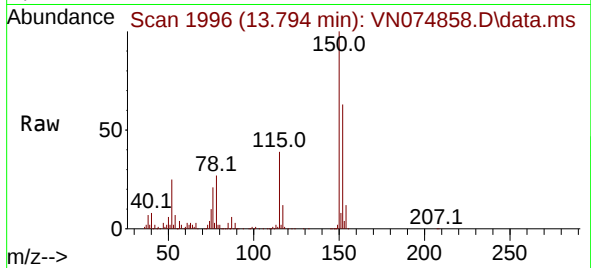
Tgt Ion: 117 Resp: 949097
Ion Ratio Lower Upper
117 100
82 58.9 45.4 68.2
119 34.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074858.D
 Acq: 11 Oct 2022 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#07



Tgt Ion:152 Resp: 406818

Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.0	90.0
150	160.0	0.0	356.4

