

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074860.D
 Acq On : 11 Oct 2022 20:38
 Operator : JC\MD
 Sample : PB148255ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#09

Quant Time: Oct 12 03:59:06 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)

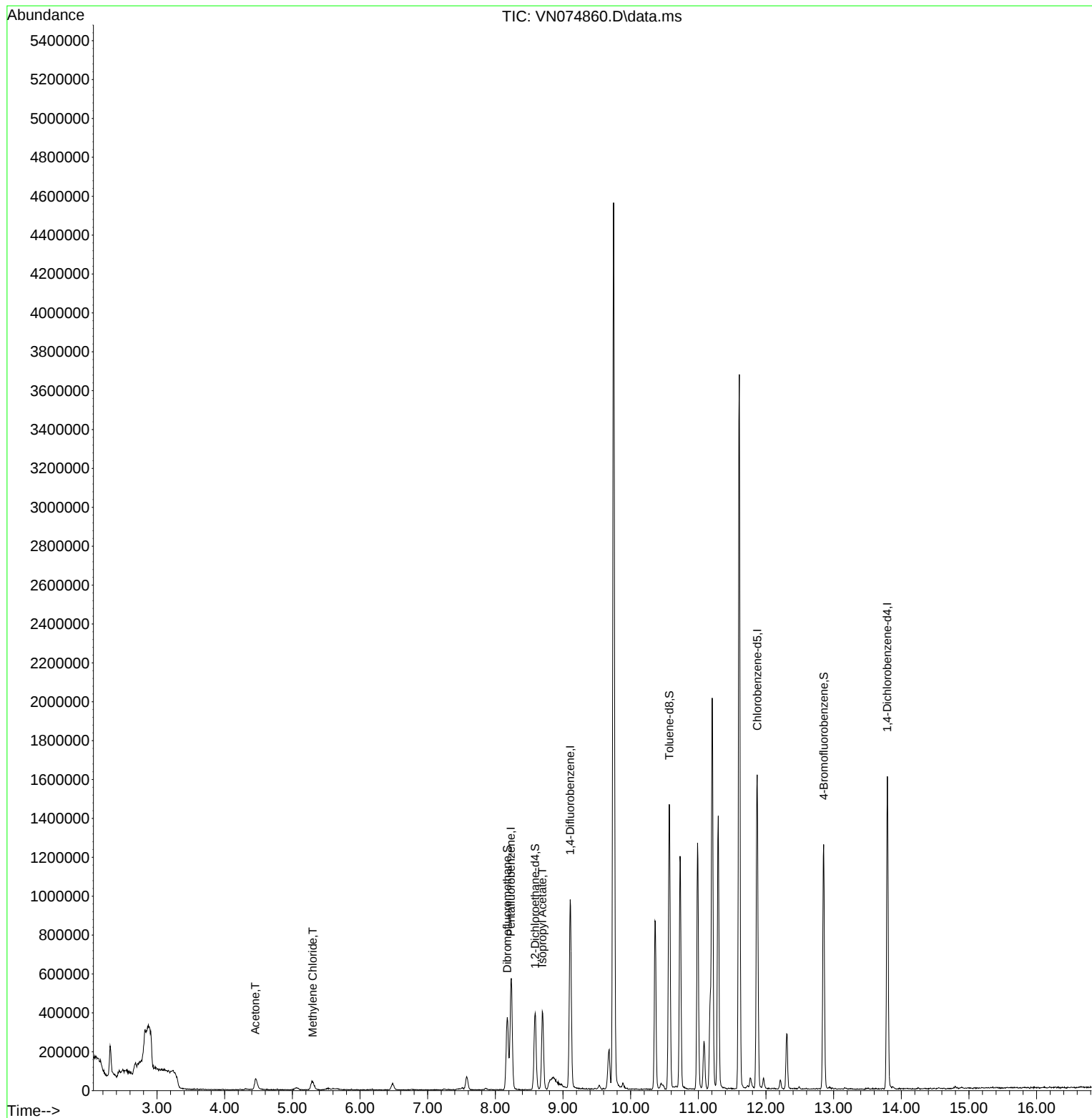
Internal Standards						
1) Pentafluorobenzene	8.229	168	409988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	810842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	895026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	402515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	295449	30.414	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	60.820%#
35) Dibromofluoromethane	8.177	113	263804	32.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	64.400%#
50) Toluene-d8	10.570	98	982327	27.945	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	55.880%#
62) 4-Bromofluorobenzene	12.853	95	385275	36.055	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	72.100%#
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	105874	19.232	ug/l	94
20) Methylene Chloride	5.300	84	33443	1.672	ug/l #	71
43) Isopropyl Acetate	8.694	43	464770	14.140	ug/l #	92

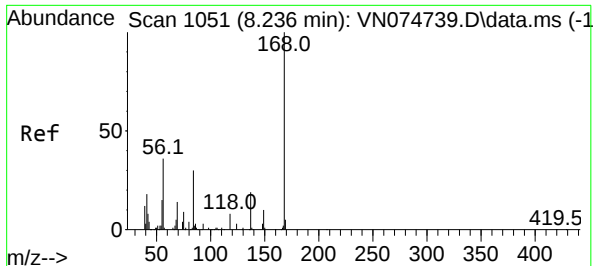
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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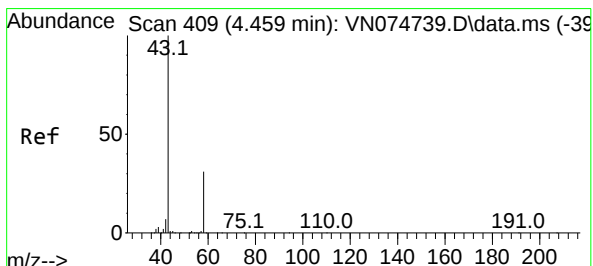
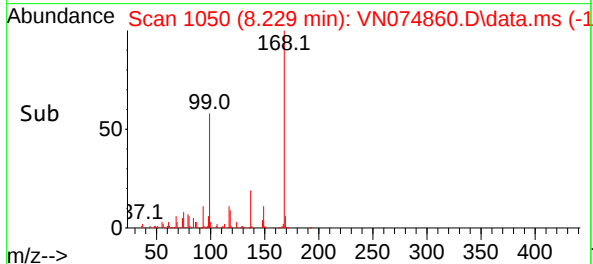
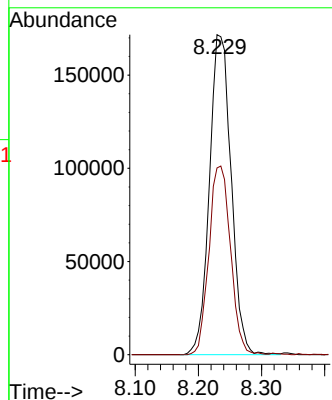
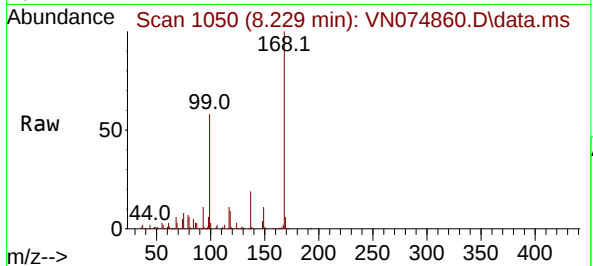




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.007 min
Lab File: VN074860.D
Acq: 11 Oct 2022 20:38

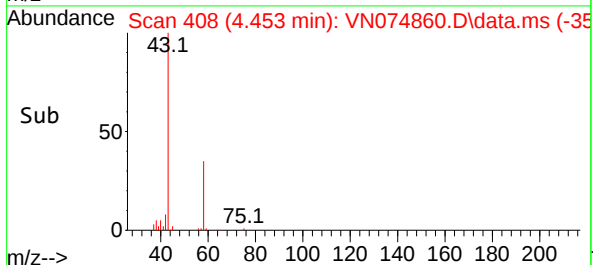
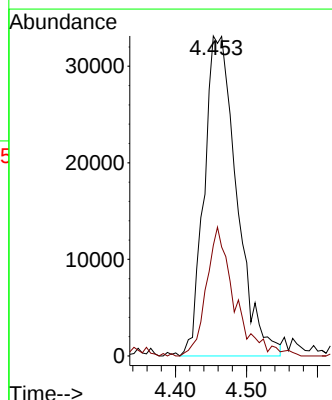
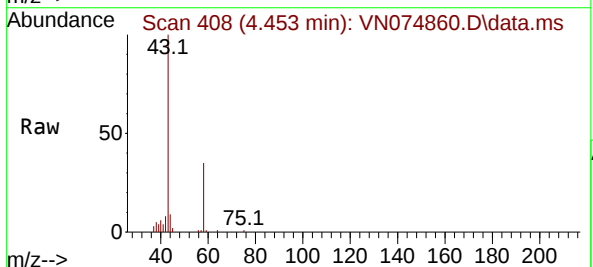
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#09

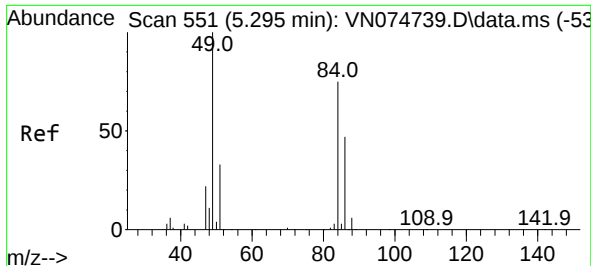
Tgt Ion:168 Resp: 409988
Ion Ratio Lower Upper
168 100
99 58.4 42.8 64.2



#16
Acetone
Concen: 19.232 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN074860.D
Acq: 11 Oct 2022 20:38

Tgt Ion: 43 Resp: 105874
Ion Ratio Lower Upper
43 100
58 34.6 24.9 37.3

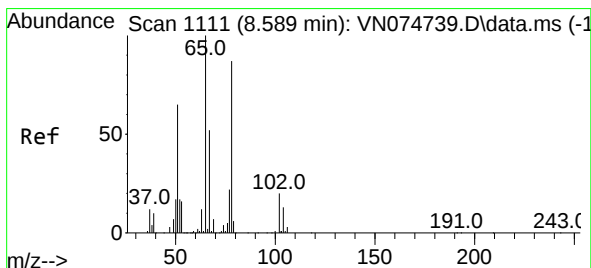
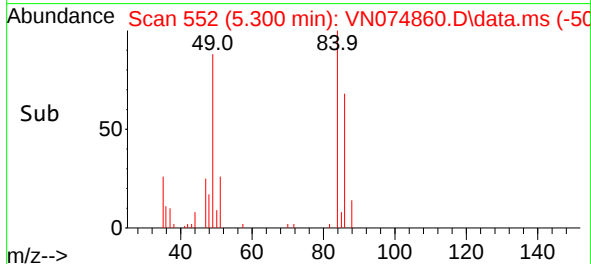
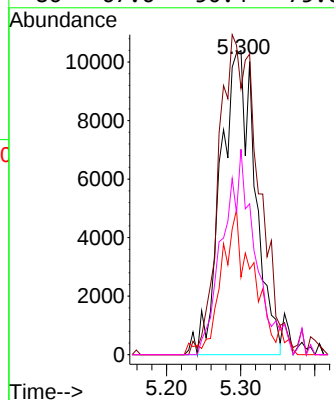
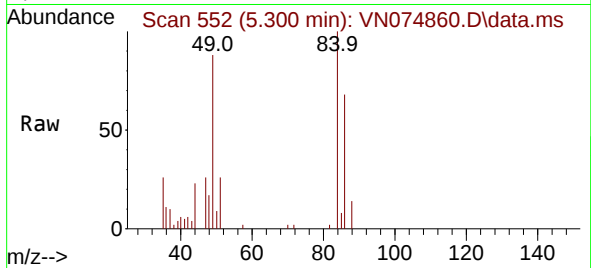




#20
Methylene Chloride
Concen: 1.672 ug/l
RT: 5.300 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN074860.D
Acq: 11 Oct 2022 20:38

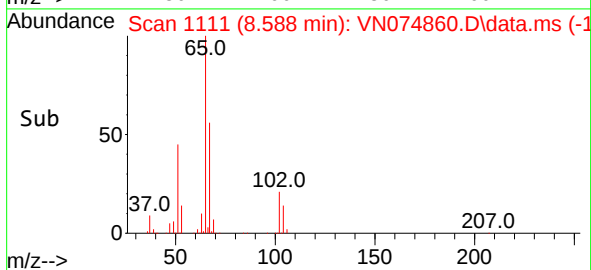
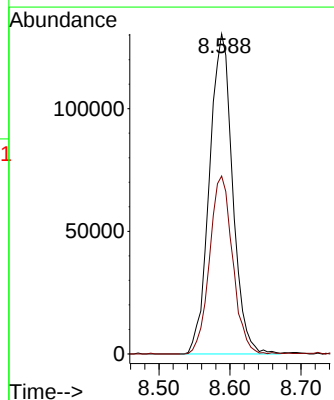
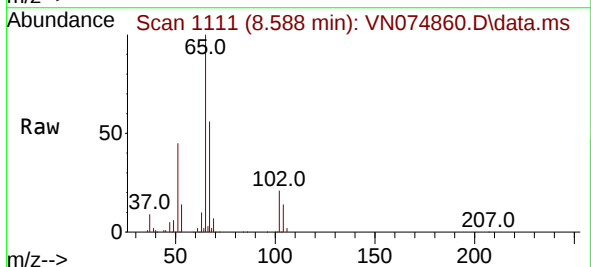
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#09

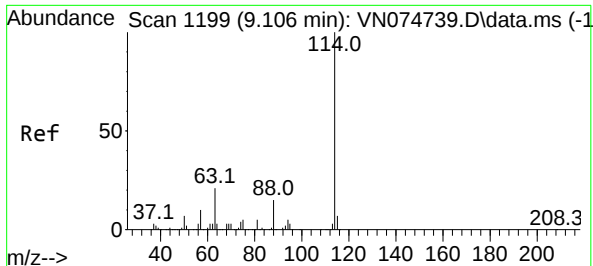
Tgt Ion: 84 Resp: 33443
Ion Ratio Lower Upper
84 100
49 85.6 107.4 161.0#
51 25.6 35.1 52.7#
86 67.6 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 30.414 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074860.D
Acq: 11 Oct 2022 20:38

Tgt Ion: 65 Resp: 295449
Ion Ratio Lower Upper
65 100
67 55.1 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: VN074860.D

Acq: 11 Oct 2022 20:38

Instrument :

MSVOA_N

ClientSampleId :

PB148255ZHE#09

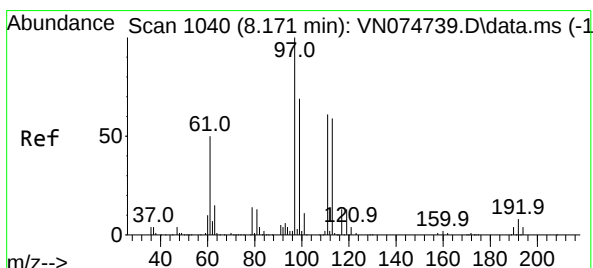
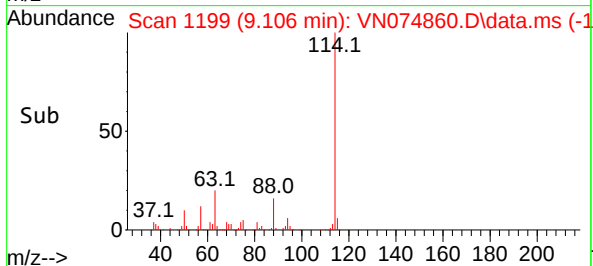
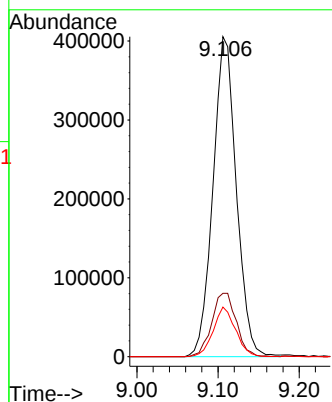
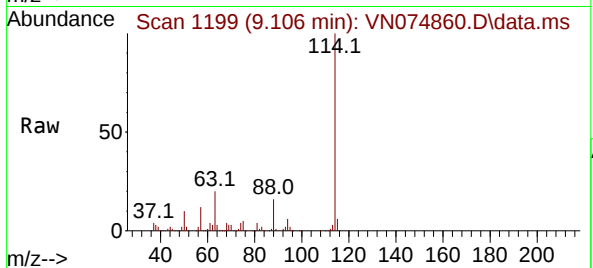
Tgt Ion:114 Resp: 810842

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.2

88 15.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 32.201 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074860.D

Acq: 11 Oct 2022 20:38

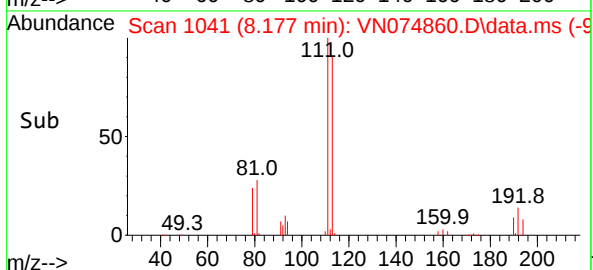
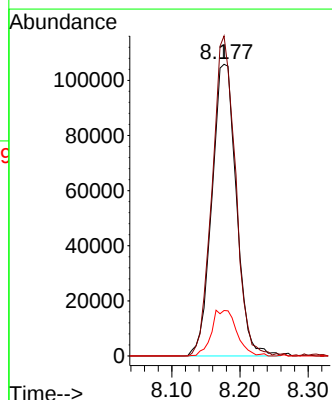
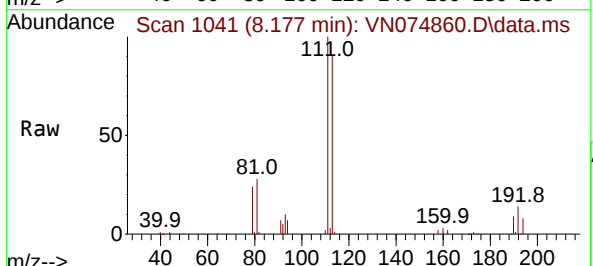
Tgt Ion:113 Resp: 263804

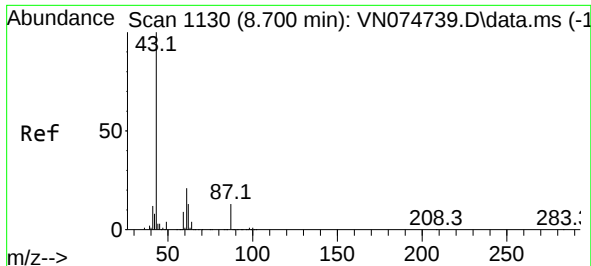
Ion Ratio Lower Upper

113 100

111 104.6 83.0 124.6

192 16.2 12.6 18.8





#43

Isopropyl Acetate

Concen: 14.140 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN074860.D

Acq: 11 Oct 2022 20:38

Instrument :

MSVOA_N

ClientSampleId :

PB148255ZHE#09

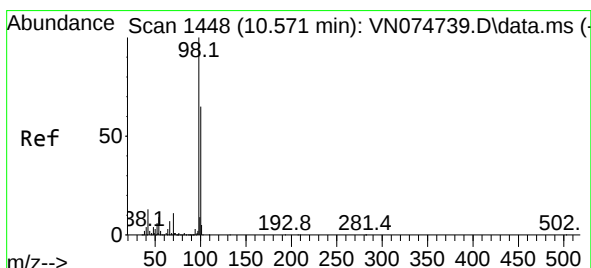
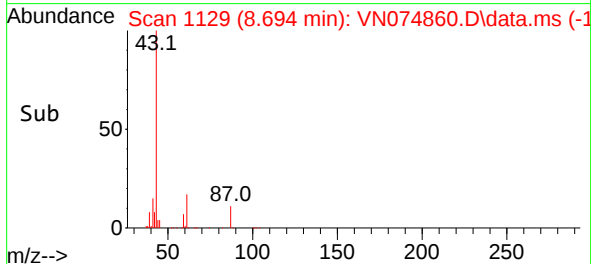
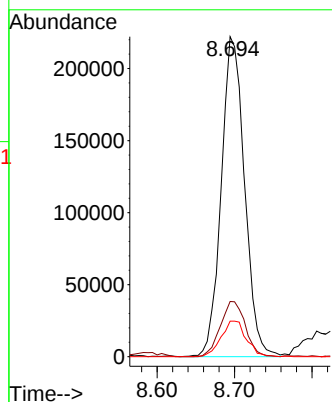
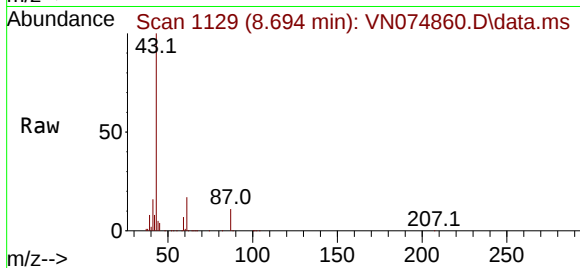
Tgt Ion: 43 Resp: 464770

Ion Ratio Lower Upper

43 100

61 18.5 19.4 29.0#

87 12.0 10.1 15.1



#50

Toluene-d8

Concen: 27.945 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN074860.D

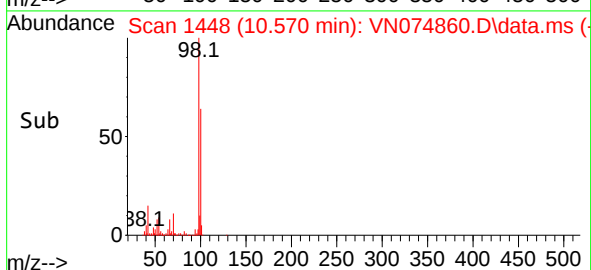
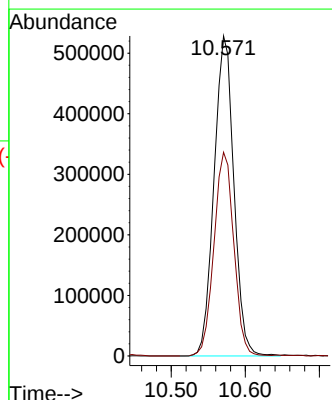
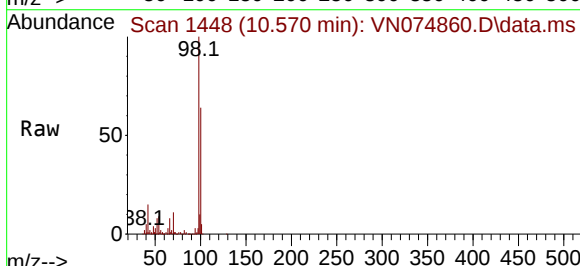
Acq: 11 Oct 2022 20:38

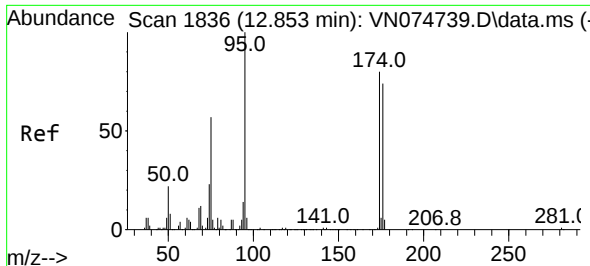
Tgt Ion: 98 Resp: 982327

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1

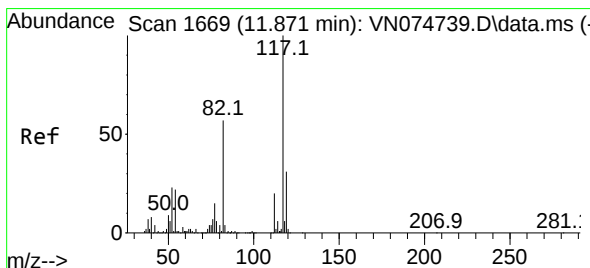
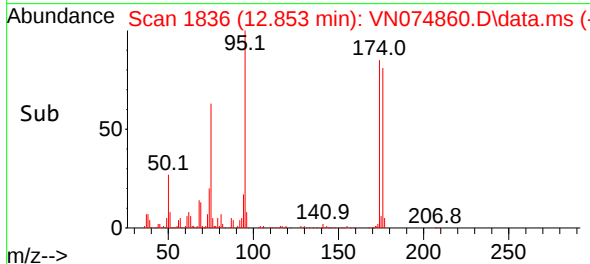
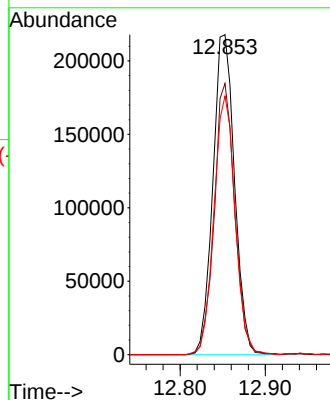
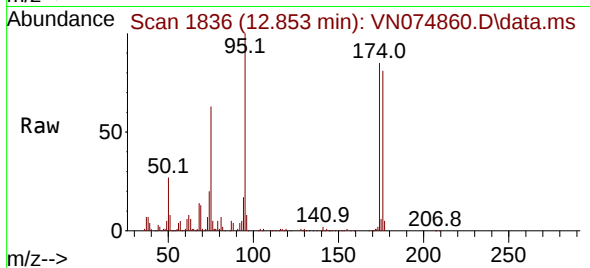




#62
4-Bromofluorobenzene
Concen: 36.055 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074860.D
Acq: 11 Oct 2022 20:38

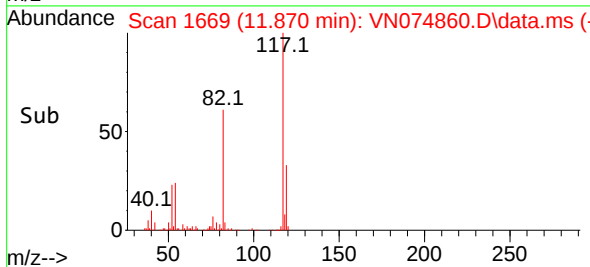
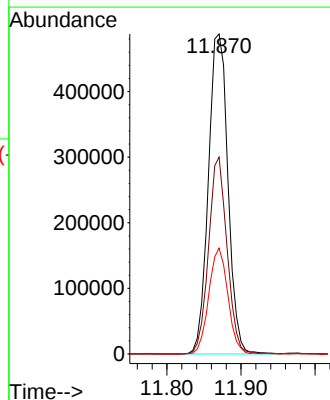
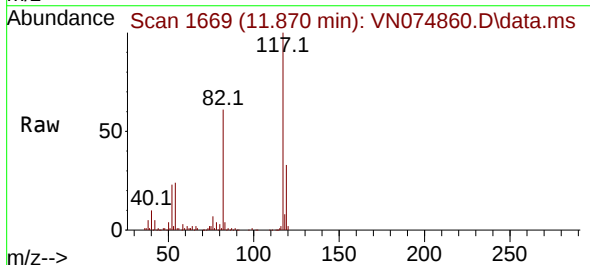
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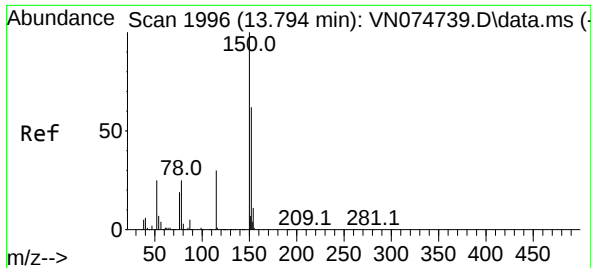
Tgt Ion: 95 Resp: 385275
Ion Ratio Lower Upper
95 100
174 80.0 0.0 149.4
176 79.1 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074860.D
Acq: 11 Oct 2022 20:38

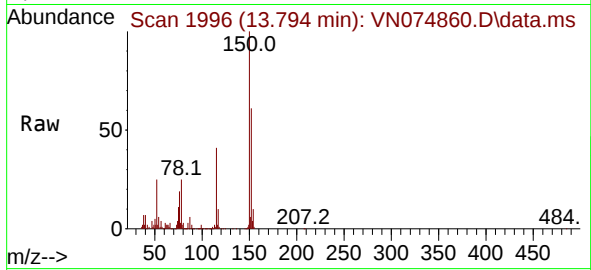
Tgt Ion: 117 Resp: 895026
Ion Ratio Lower Upper
117 100
82 61.5 45.4 68.2
119 33.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074860.D
 Acq: 11 Oct 2022 20:38

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 402515
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.0 90.0
 150 159.7 0.0 356.4

