

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074861.D
 Acq On : 11 Oct 2022 21:03
 Operator : JC\MD
 Sample : PB148255ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#10

Quant Time: Oct 12 03:59:32 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)

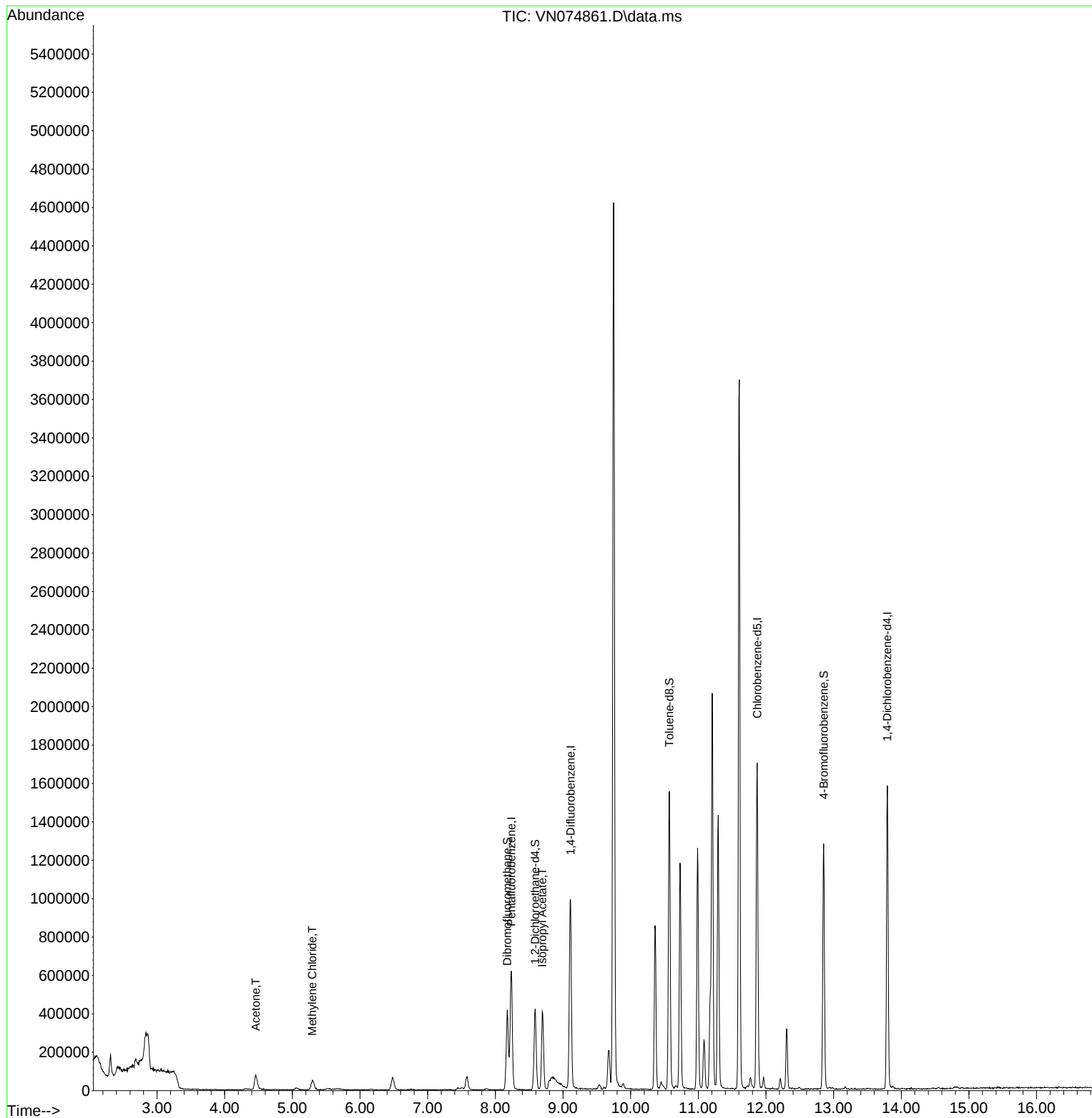
Internal Standards						
1) Pentafluorobenzene	8.236	168	432589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	861622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	934653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	398026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	309013	30.148	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	60.300%#
35) Dibromofluoromethane	8.177	113	283368	32.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	65.100%#
50) Toluene-d8	10.571	98	1029015	27.548	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	55.100%#
62) 4-Bromofluorobenzene	12.853	95	391117	34.444	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	68.880%#
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	142105	24.465	ug/l	100
20) Methylene Chloride	5.295	84	36395	1.798	ug/l #	82
43) Isopropyl Acetate	8.694	43	478772	13.708	ug/l #	91

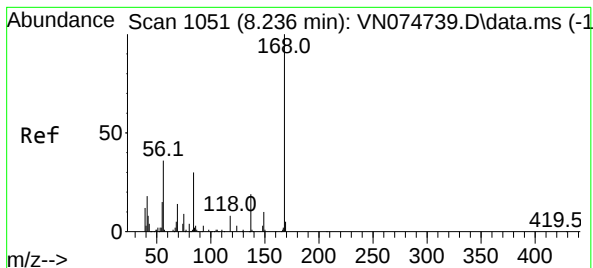
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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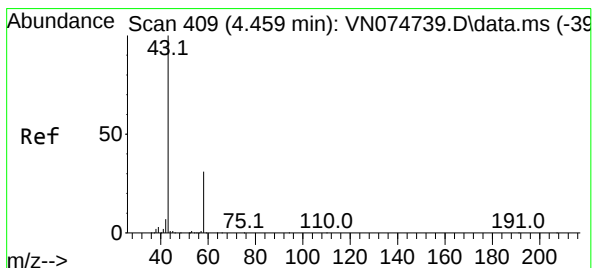
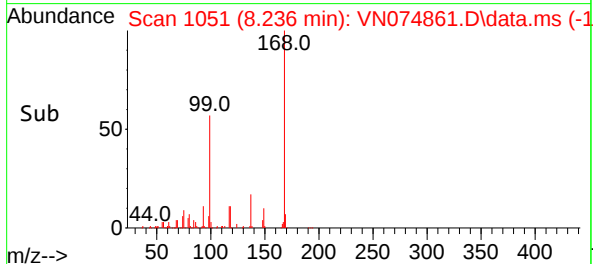
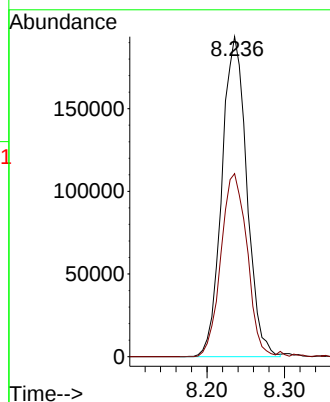
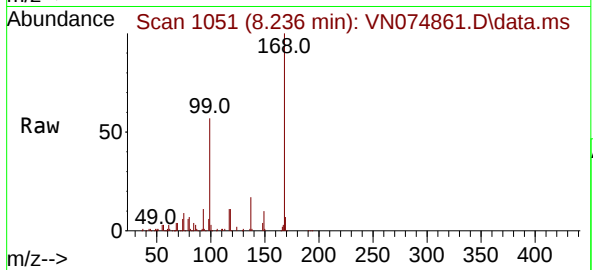




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074861.D
Acq: 11 Oct 2022 21:03

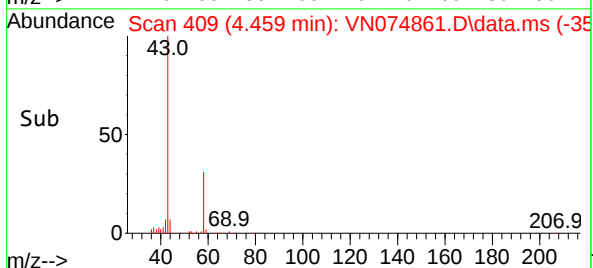
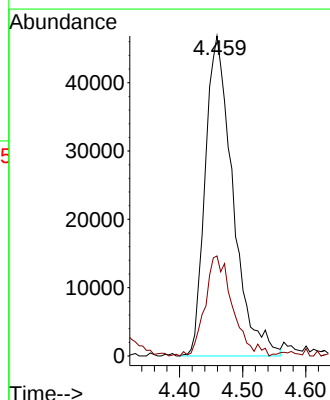
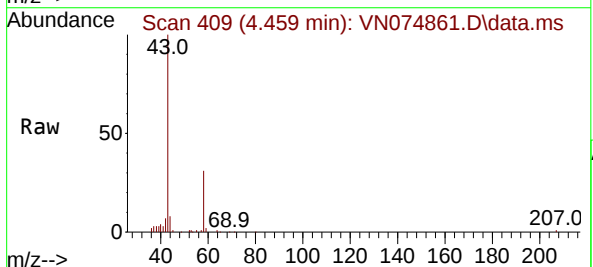
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#10

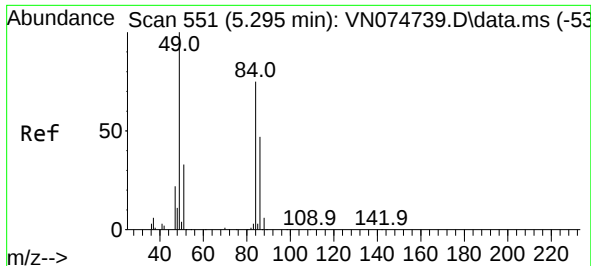
Tgt Ion:168 Resp: 432589
Ion Ratio Lower Upper
168 100
99 57.2 42.8 64.2



#16
Acetone
Concen: 24.465 ug/l
RT: 4.459 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN074861.D
Acq: 11 Oct 2022 21:03

Tgt Ion: 43 Resp: 142105
Ion Ratio Lower Upper
43 100
58 31.2 24.9 37.3

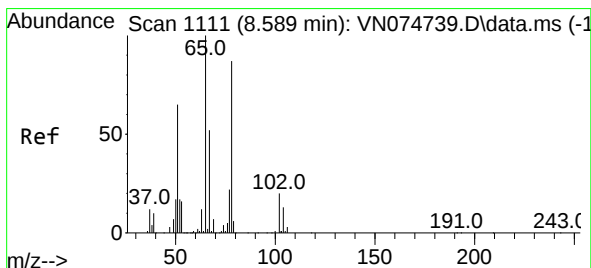
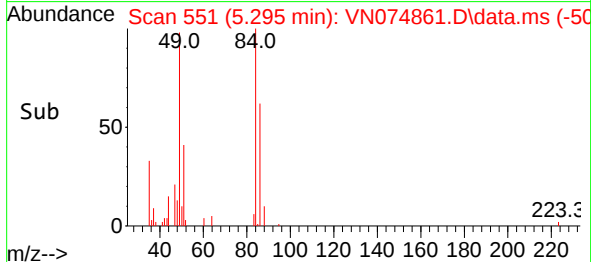
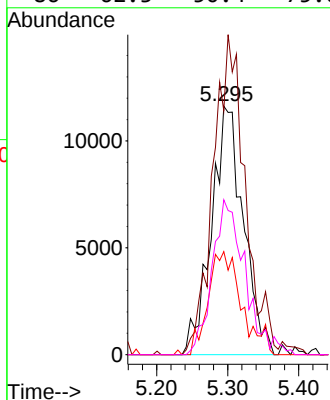
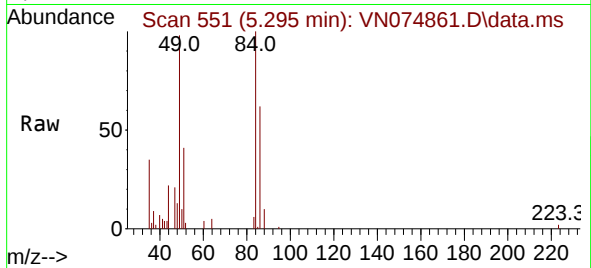




#20
Methylene Chloride
Concen: 1.798 ug/l
RT: 5.295 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN074861.D
Acq: 11 Oct 2022 21:03

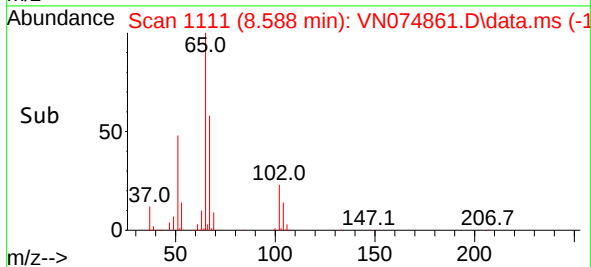
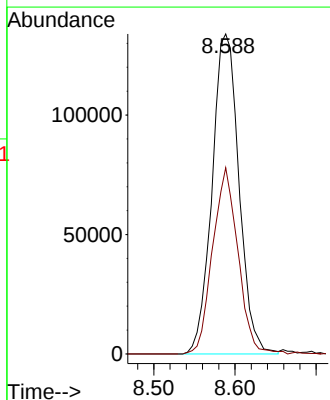
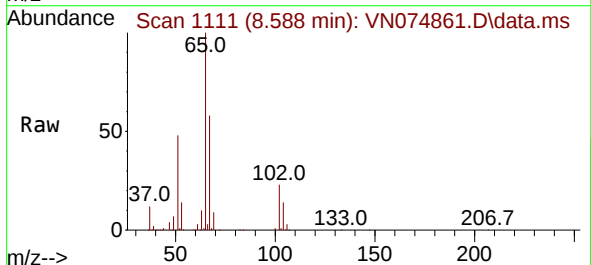
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#10

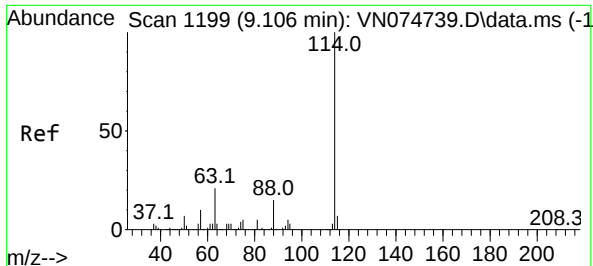
Tgt Ion: 84 Resp: 36395
Ion Ratio Lower Upper
84 100
49 98.2 107.4 161.0#
51 41.4 35.1 52.7
86 62.3 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 30.148 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074861.D
Acq: 11 Oct 2022 21:03

Tgt Ion: 65 Resp: 309013
Ion Ratio Lower Upper
65 100
67 54.8 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: VN074861.D

Acq: 11 Oct 2022 21:03

Instrument :

MSVOA_N

ClientSampleId :

PB148255ZHE#10

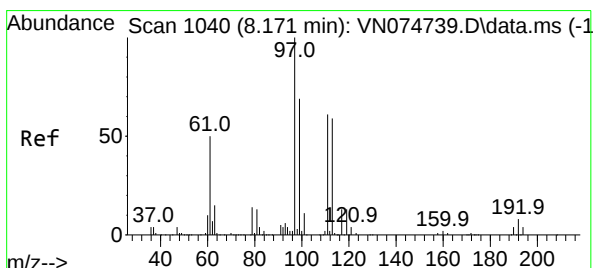
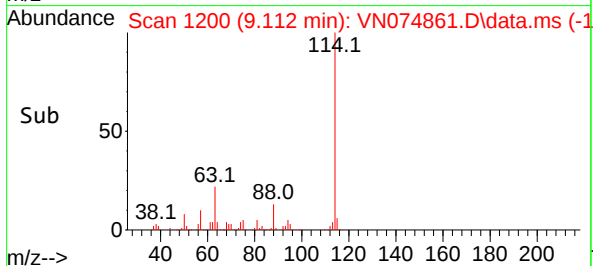
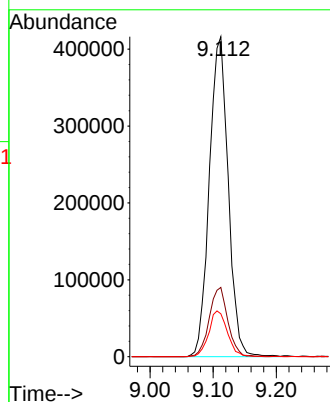
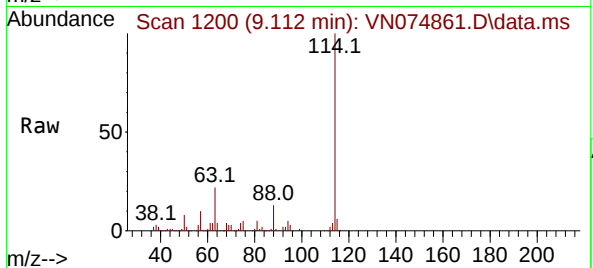
Tgt Ion:114 Resp: 861622

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.2

88 13.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 32.551 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074861.D

Acq: 11 Oct 2022 21:03

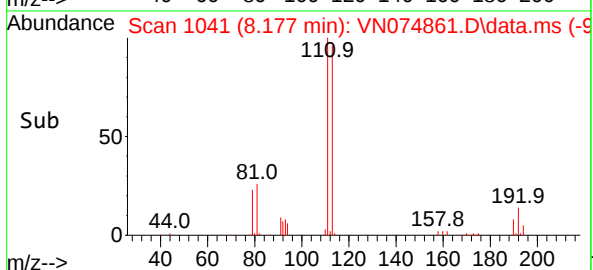
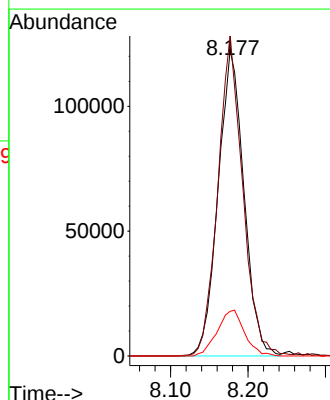
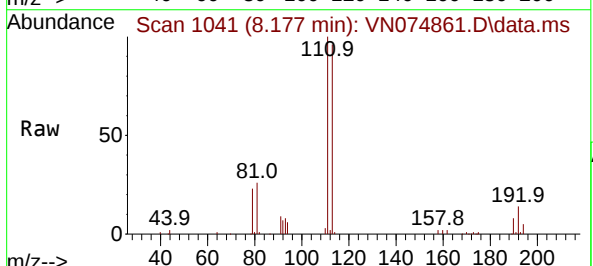
Tgt Ion:113 Resp: 283368

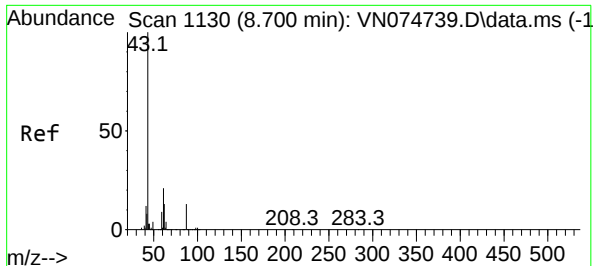
Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.6

192 15.9 12.6 18.8

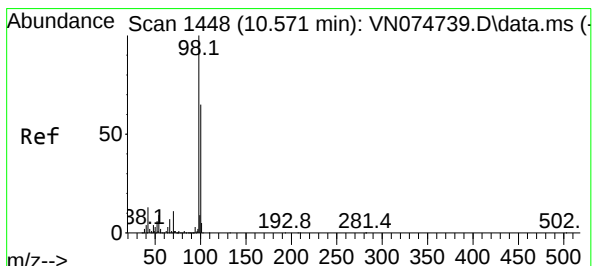
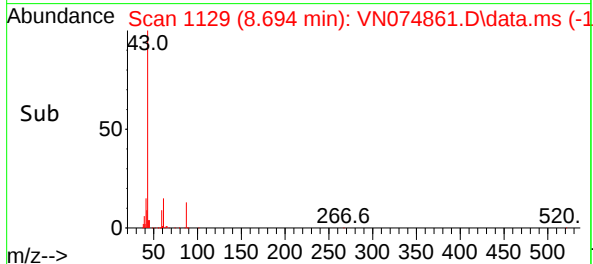
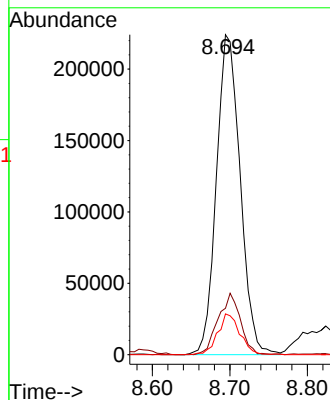
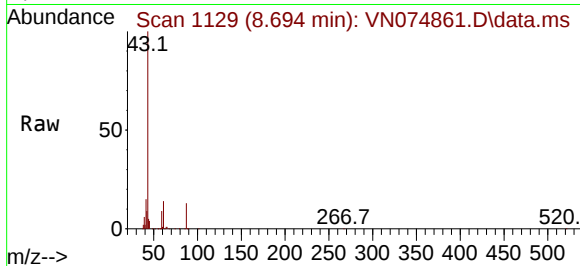




#43
Isopropyl Acetate
Concen: 13.708 ug/l
RT: 8.694 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN074861.D
Acq: 11 Oct 2022 21:03

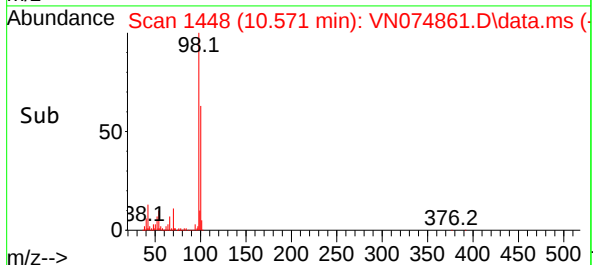
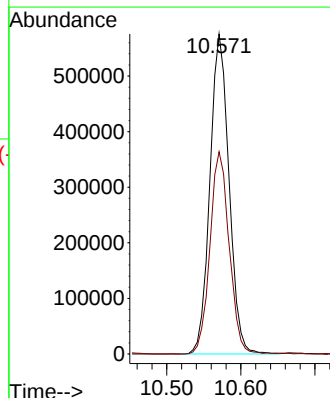
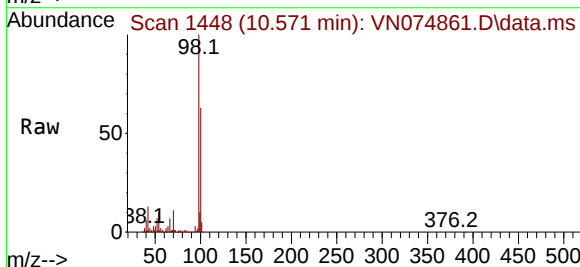
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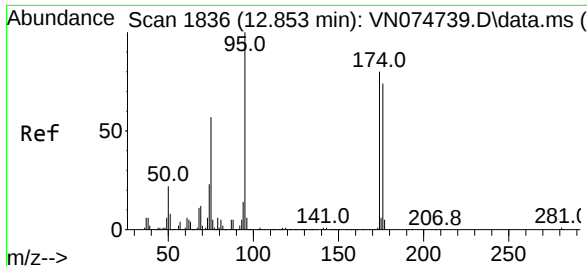
Tgt Ion: 43 Resp: 478772
Ion Ratio Lower Upper
43 100
61 18.1 19.4 29.0#
87 11.9 10.1 15.1



#50
Toluene-d8
Concen: 27.548 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074861.D
Acq: 11 Oct 2022 21:03

Tgt Ion: 98 Resp: 1029015
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1

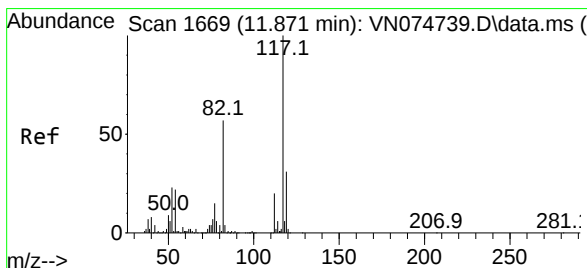
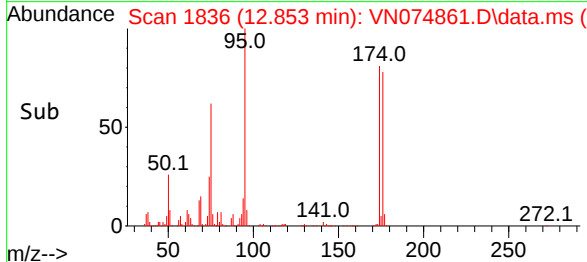
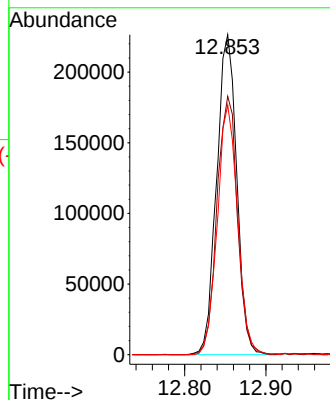
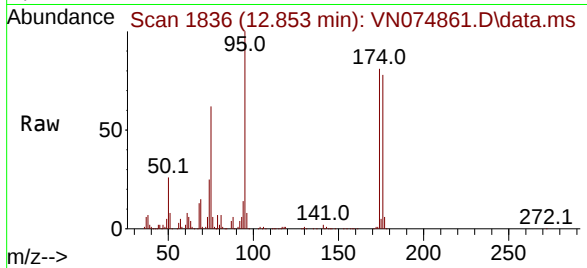




#62
4-Bromofluorobenzene
Concen: 34.444 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074861.D
Acq: 11 Oct 2022 21:03

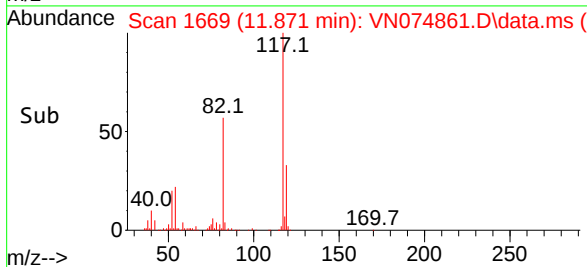
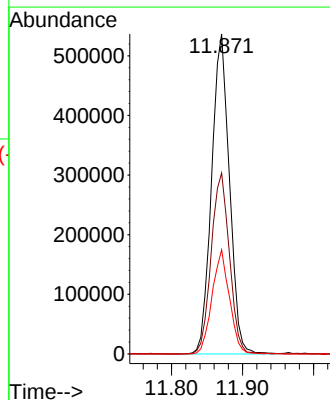
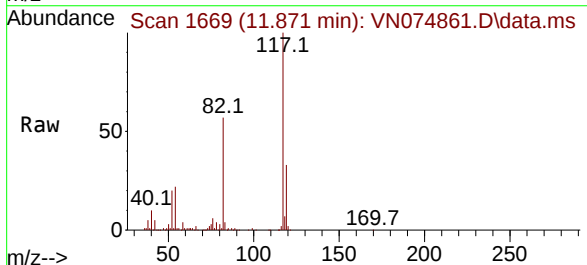
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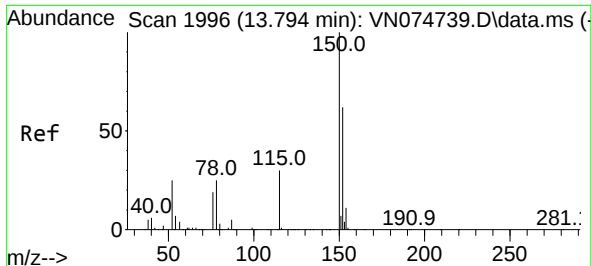
Tgt Ion: 95 Resp: 391117
Ion Ratio Lower Upper
95 100
174 81.6 0.0 149.4
176 78.4 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074861.D
Acq: 11 Oct 2022 21:03

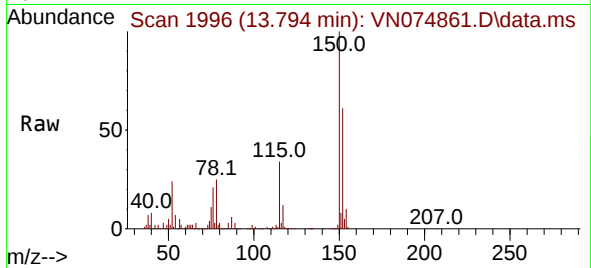
Tgt Ion: 117 Resp: 934653
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.5 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074861.D
 Acq: 11 Oct 2022 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#10



Tgt Ion:152 Resp: 398026

Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.0	90.0
150	160.9	0.0	356.4

