

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074853.D
 Acq On : 11 Oct 2022 17:49
 Operator : JC\MD
 Sample : PB148255ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#02

Quant Time: Oct 12 03:56:00 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)

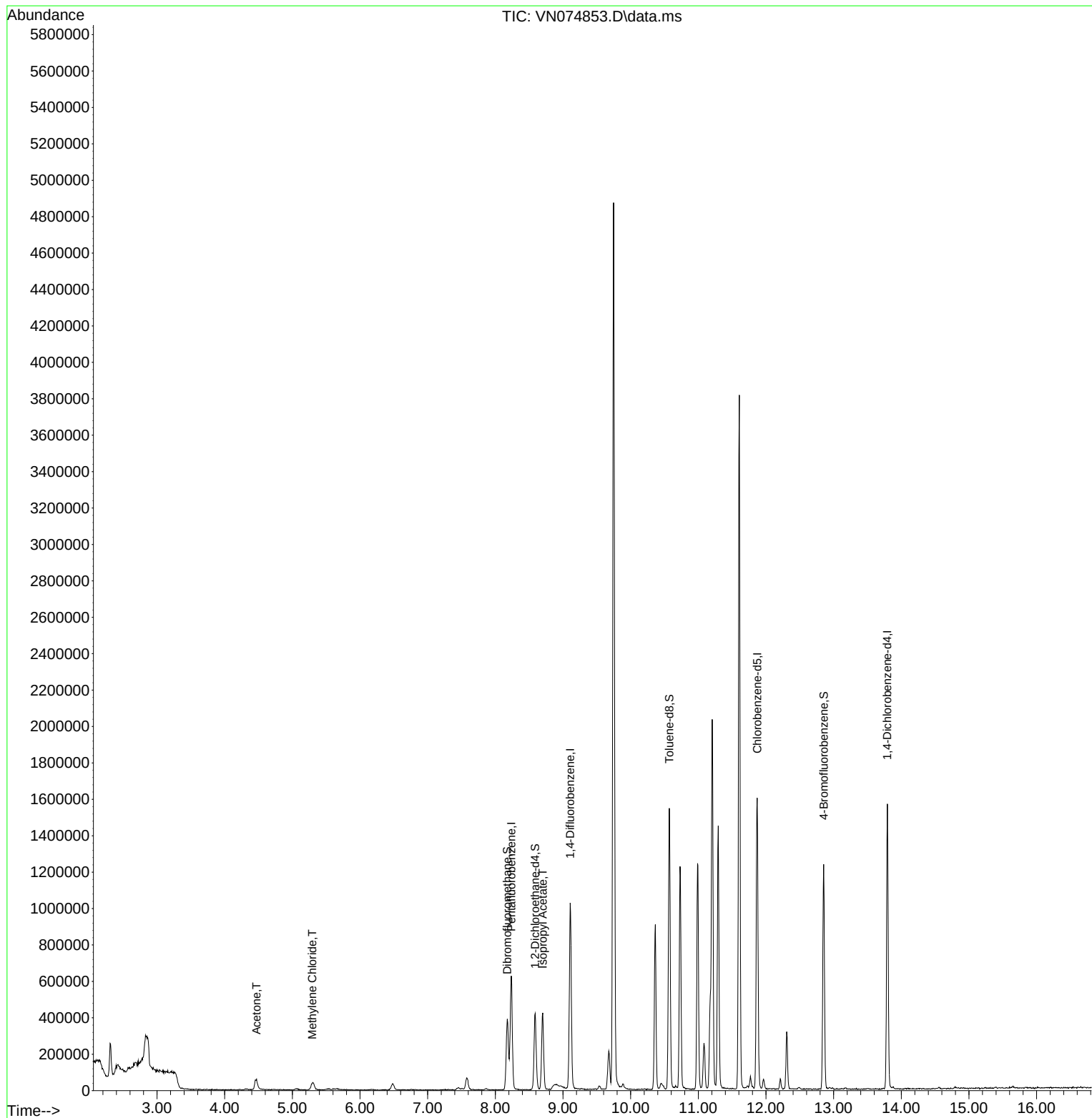
Internal Standards						
1) Pentafluorobenzene	8.236	168	416692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	855633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	893794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	387809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	301897	30.578	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	61.160%#
35) Dibromofluoromethane	8.177	113	275987	31.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	63.840%#
50) Toluene-d8	10.571	98	1028598	27.729	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	55.460%#
62) 4-Bromofluorobenzene	12.853	95	379426	33.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	67.300%#
Target Compounds						
					Qvalue	
16) Acetone	4.471	43	112545	20.115	ug/l	93
20) Methylene Chloride	5.295	84	32301	1.474	ug/l #	73
43) Isopropyl Acetate	8.700	43	495451	14.285	ug/l #	89

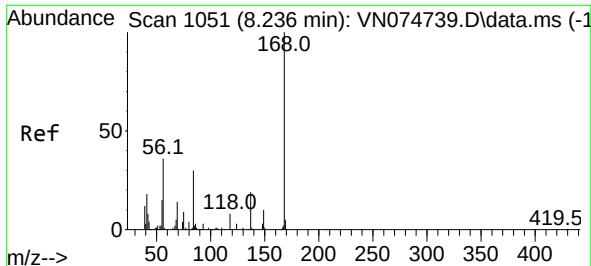
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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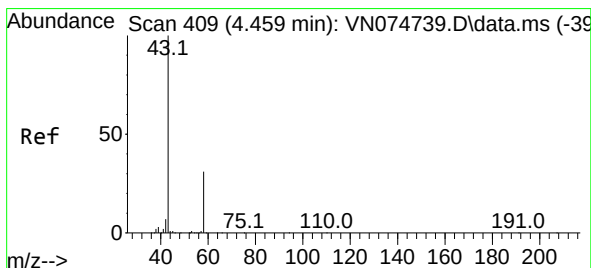
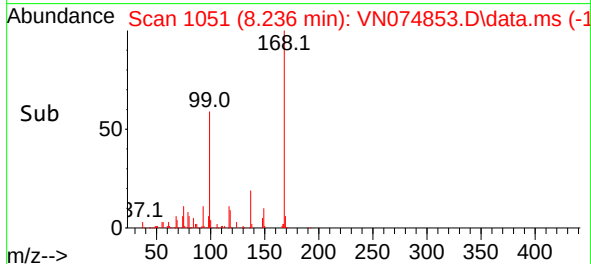
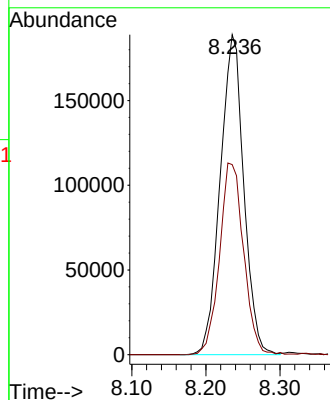
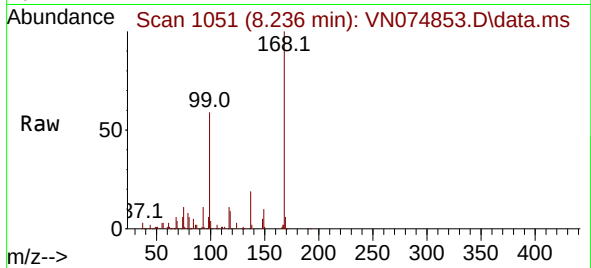




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074853.D
Acq: 11 Oct 2022 17:49

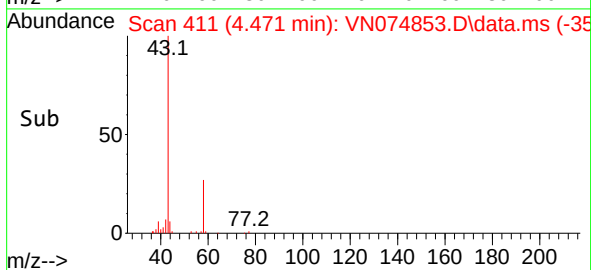
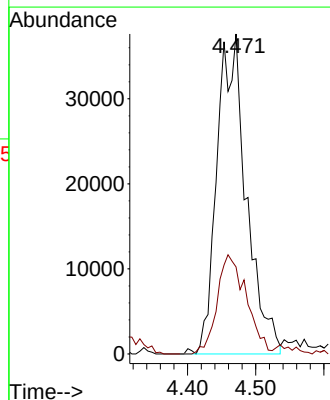
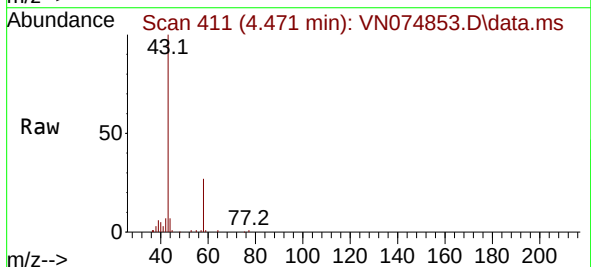
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#02

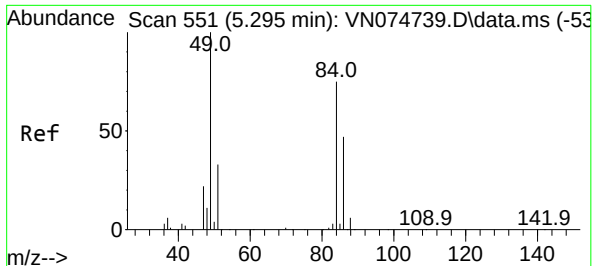
Tgt Ion:168 Resp: 416692
Ion Ratio Lower Upper
168 100
99 59.4 42.8 64.2



#16
Acetone
Concen: 20.115 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN074853.D
Acq: 11 Oct 2022 17:49

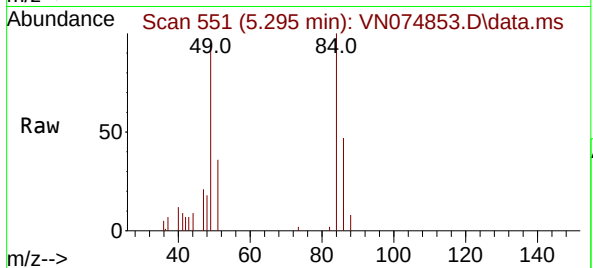
Tgt Ion: 43 Resp: 112545
Ion Ratio Lower Upper
43 100
58 27.2 24.9 37.3



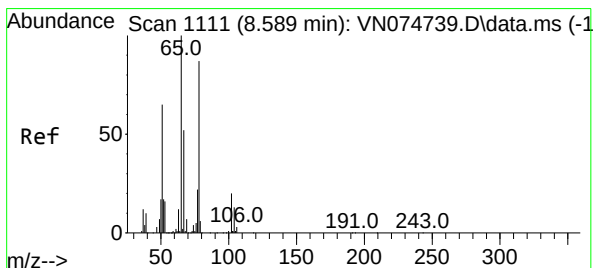
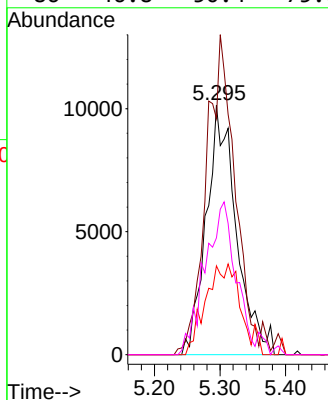
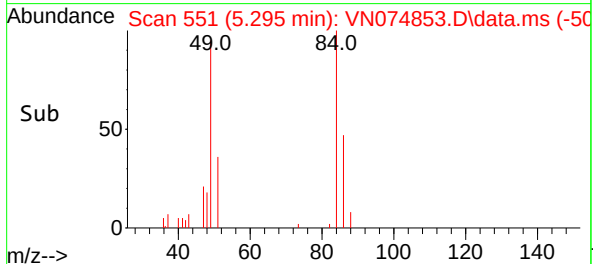


#20
Methylene Chloride
Concen: 1.474 ug/l
RT: 5.295 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN074853.D
Acq: 11 Oct 2022 17:49

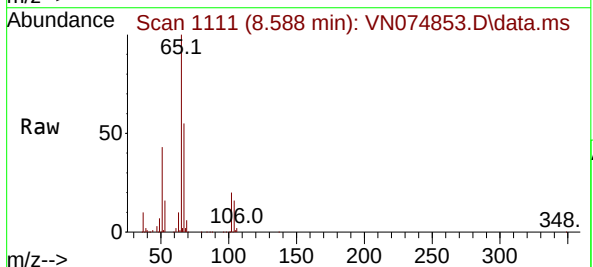
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#02



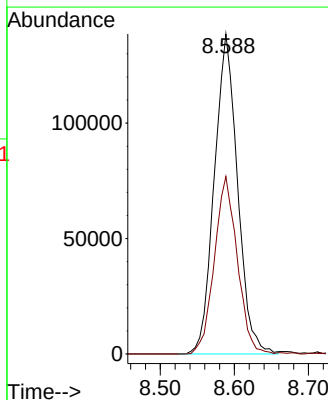
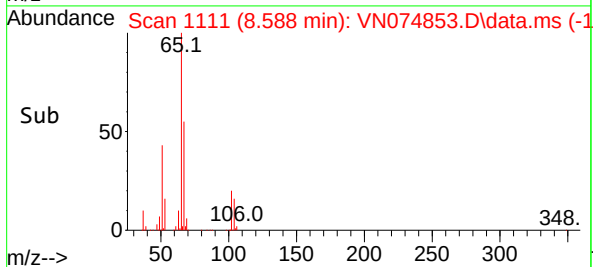
Tgt Ion: 84 Resp: 32301
Ion Ratio Lower Upper
84 100
49 92.3 107.4 161.0#
51 35.6 35.1 52.7
86 46.8 50.4 75.6#

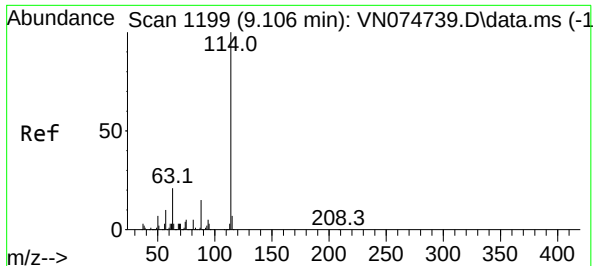


#33
1,2-Dichloroethane-d4
Concen: 30.578 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074853.D
Acq: 11 Oct 2022 17:49



Tgt Ion: 65 Resp: 301897
Ion Ratio Lower Upper
65 100
67 54.8 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: VN074853.D

Acq: 11 Oct 2022 17:49

Instrument :

MSVOA_N

ClientSampleId :

PB148255ZHE#02

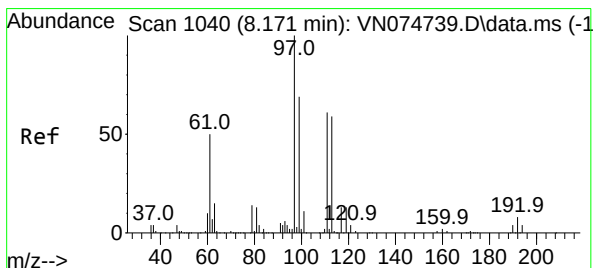
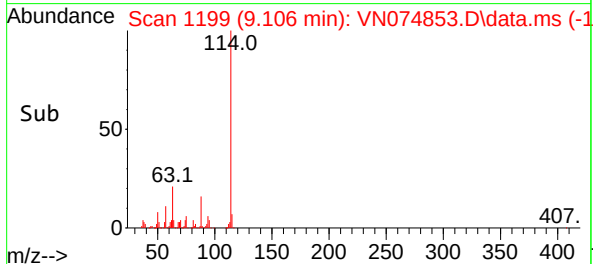
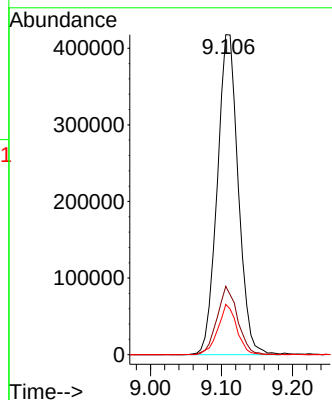
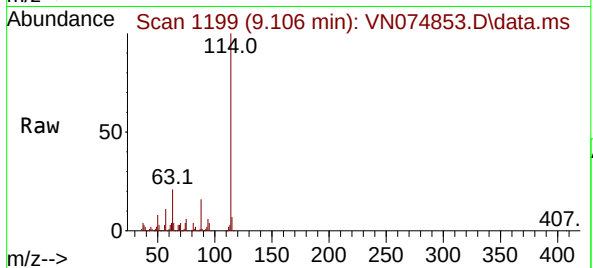
Tgt Ion:114 Resp: 855633

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.2

88 15.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 31.925 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074853.D

Acq: 11 Oct 2022 17:49

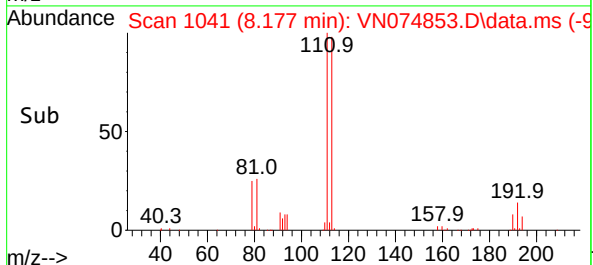
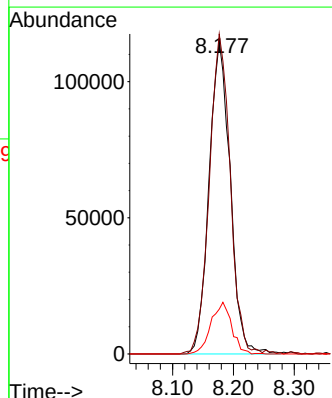
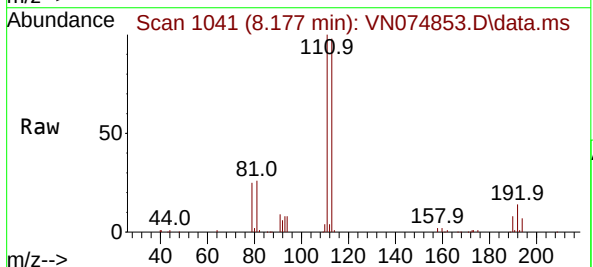
Tgt Ion:113 Resp: 275987

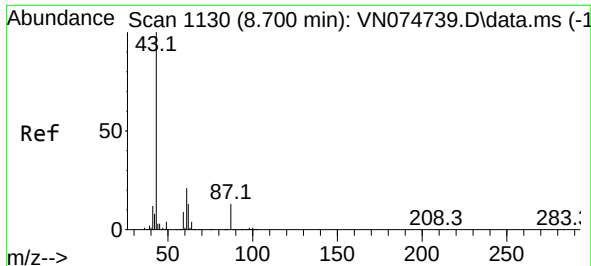
Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.6

192 16.2 12.6 18.8

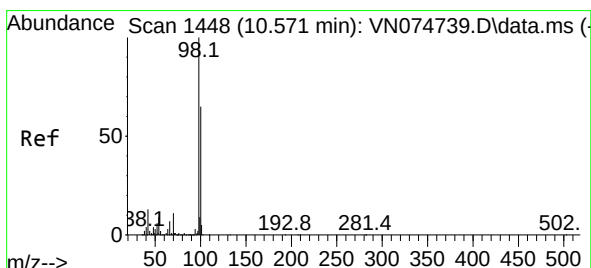
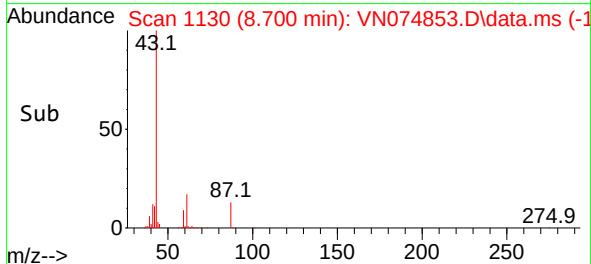
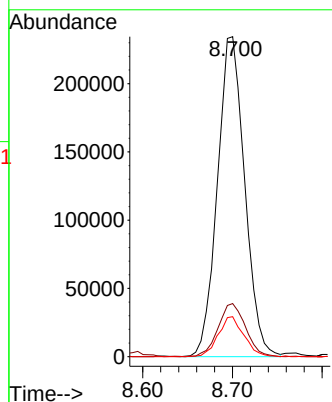
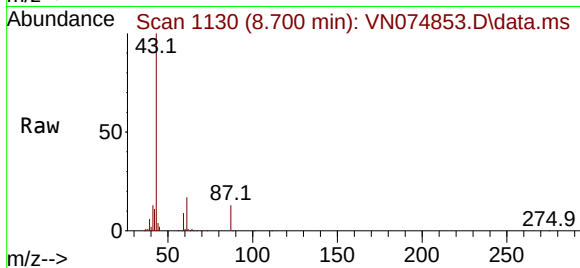




#43
Isopropyl Acetate
Concen: 14.285 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074853.D
Acq: 11 Oct 2022 17:49

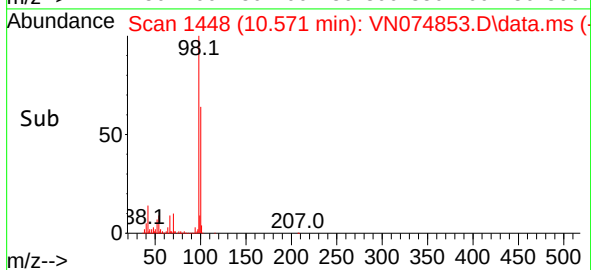
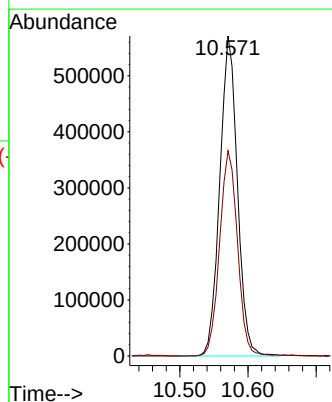
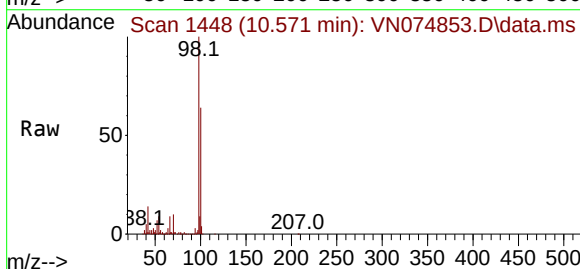
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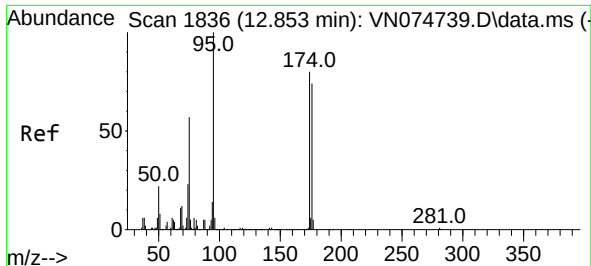
Tgt Ion: 43 Resp: 495451
Ion Ratio Lower Upper
43 100
61 16.7 19.4 29.0#
87 11.8 10.1 15.1



#50
Toluene-d8
Concen: 27.729 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074853.D
Acq: 11 Oct 2022 17:49

Tgt Ion: 98 Resp: 1028598
Ion Ratio Lower Upper
98 100
100 65.2 50.7 76.1

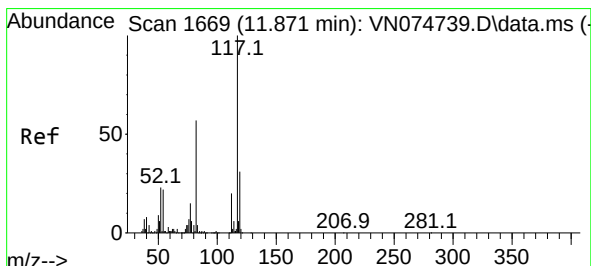
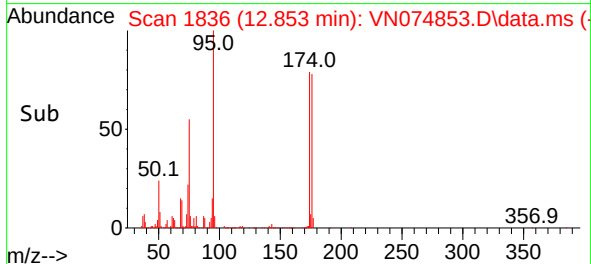
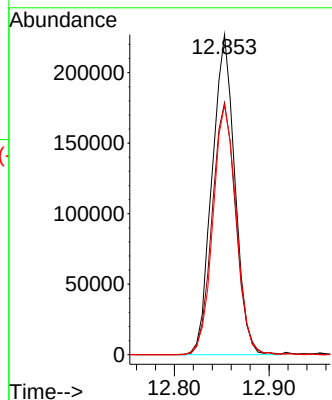
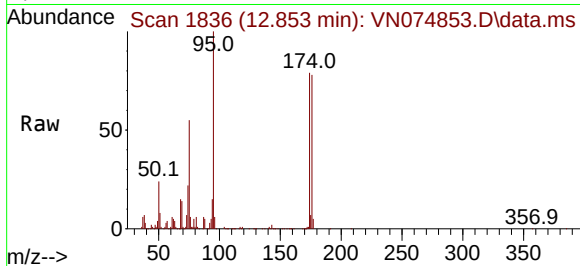




#62
4-Bromofluorobenzene
Concen: 33.649 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074853.D
Acq: 11 Oct 2022 17:49

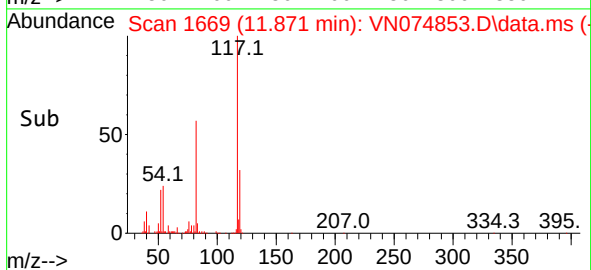
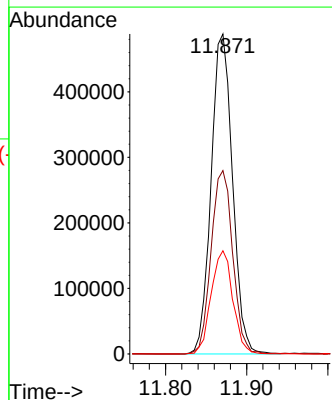
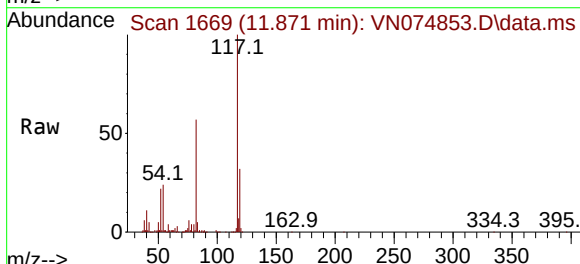
Instrument :
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PB148255ZHE#02

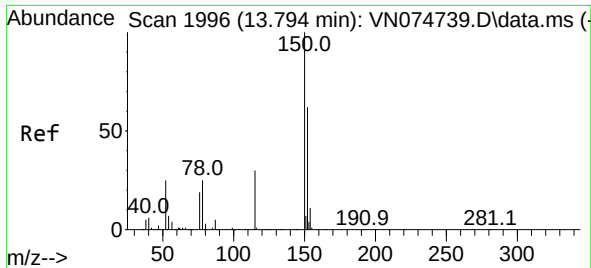
Tgt Ion: 95 Resp: 379426
Ion Ratio Lower Upper
95 100
174 81.6 0.0 149.4
176 79.8 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074853.D
Acq: 11 Oct 2022 17:49

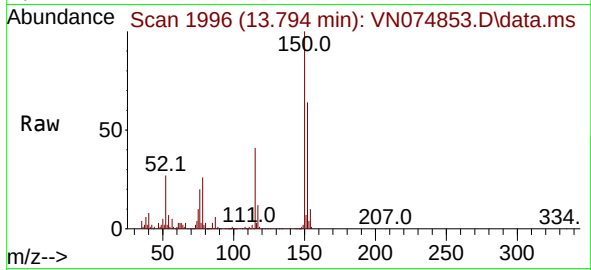
Tgt Ion: 117 Resp: 893794
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 32.2 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074853.D
 Acq: 11 Oct 2022 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#02



Tgt Ion:152 Resp: 387809

Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.0	90.0
150	158.3	0.0	356.4

