

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101122\
 Data File : VN074856.D
 Acq On : 11 Oct 2022 19:02
 Operator : JC\MD
 Sample : PB148255ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148255ZHE#05

Quant Time: Oct 12 03:57:25 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)

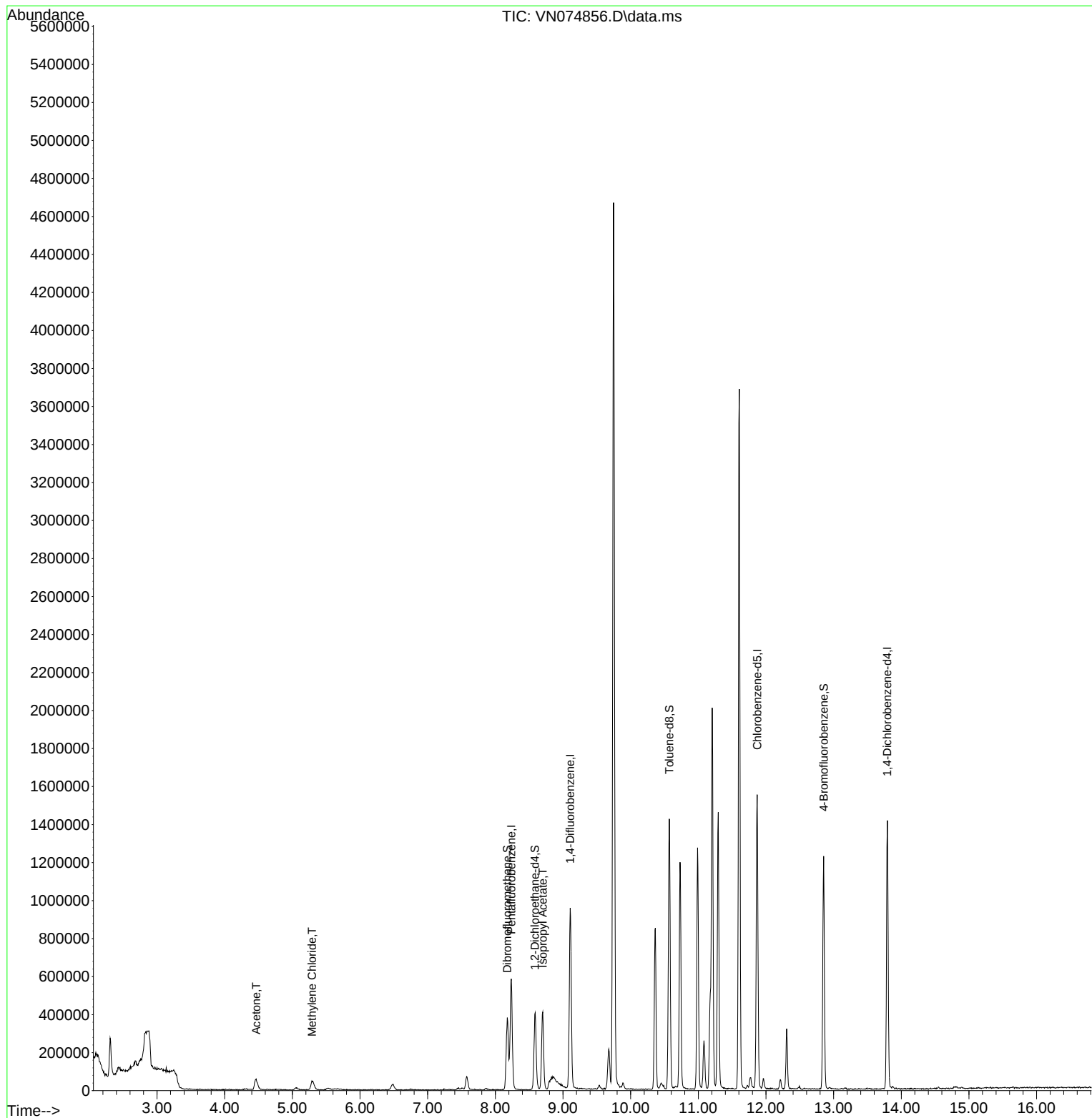
Internal Standards						
1) Pentafluorobenzene	8.236	168	402002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	802341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	850841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	354492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	296467	31.125	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	62.240%#
35) Dibromofluoromethane	8.177	113	253206	31.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	62.460%#
50) Toluene-d8	10.571	98	976590	28.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	56.160%#
62) 4-Bromofluorobenzene	12.853	95	354066	33.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	66.980%#
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	104751	19.406	ug/l	97
20) Methylene Chloride	5.289	84	34550	1.887	ug/l #	93
43) Isopropyl Acetate	8.700	43	482532	14.836	ug/l #	90

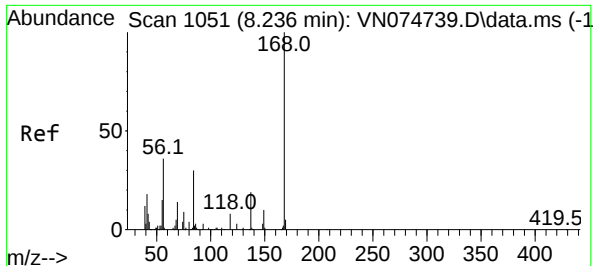
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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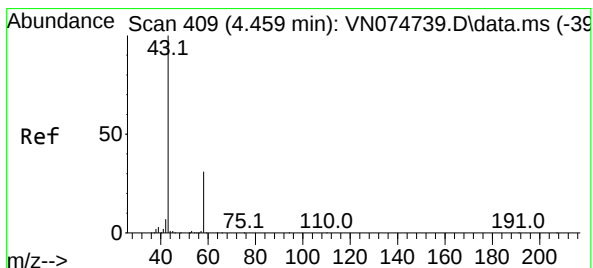
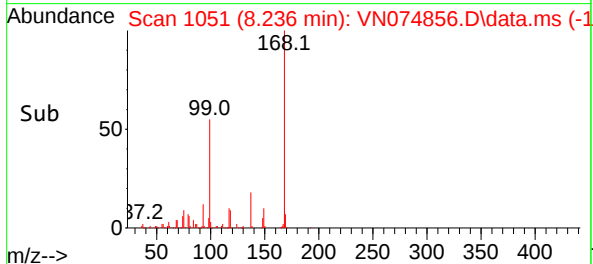
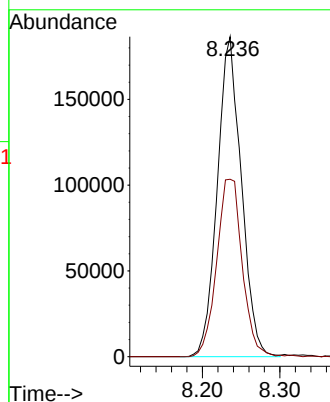
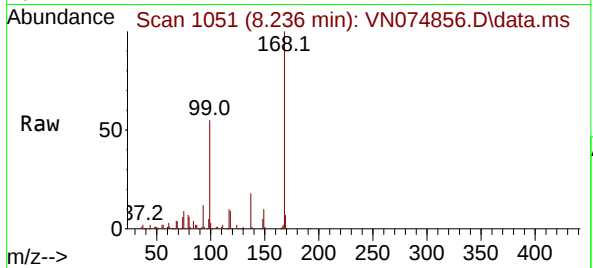




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074856.D
Acq: 11 Oct 2022 19:02

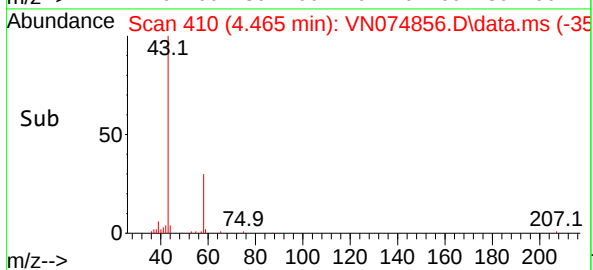
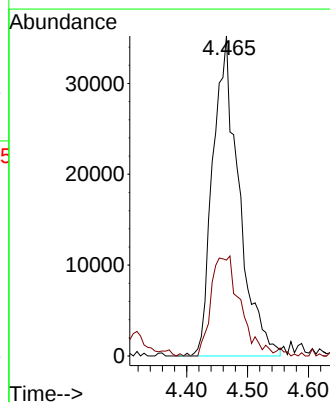
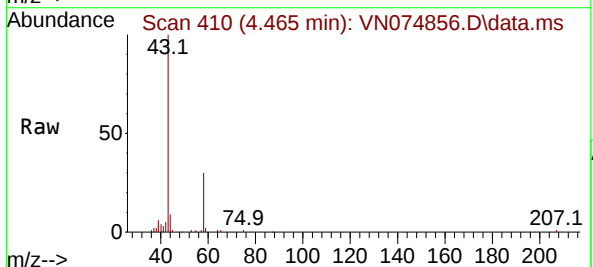
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#05

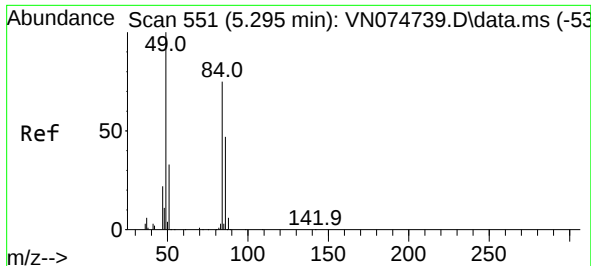
Tgt Ion:168 Resp: 402002
Ion Ratio Lower Upper
168 100
99 55.4 42.8 64.2



#16
Acetone
Concen: 19.406 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN074856.D
Acq: 11 Oct 2022 19:02

Tgt Ion: 43 Resp: 104751
Ion Ratio Lower Upper
43 100
58 29.3 24.9 37.3

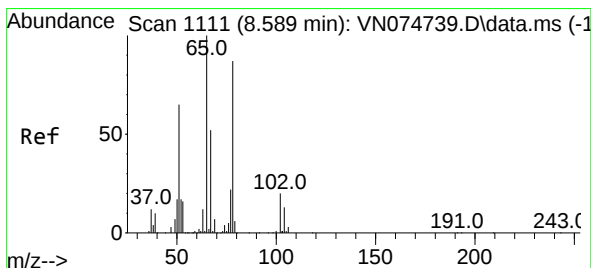
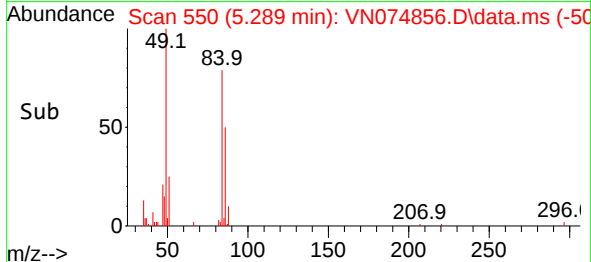
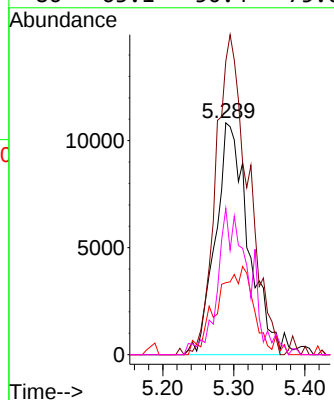
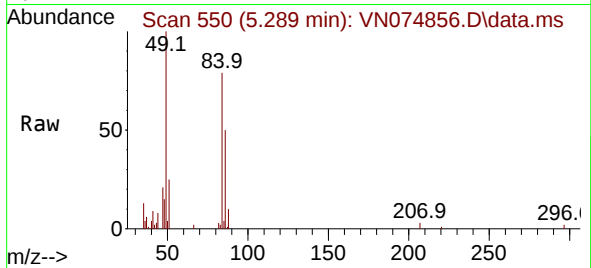




#20
Methylene Chloride
Concen: 1.887 ug/l
RT: 5.289 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN074856.D
Acq: 11 Oct 2022 19:02

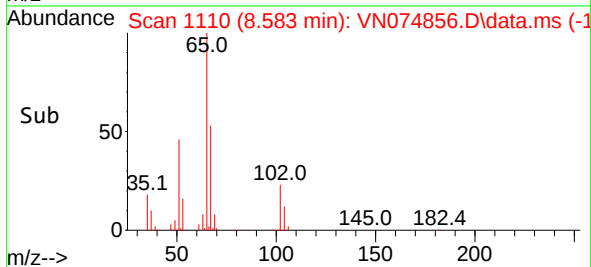
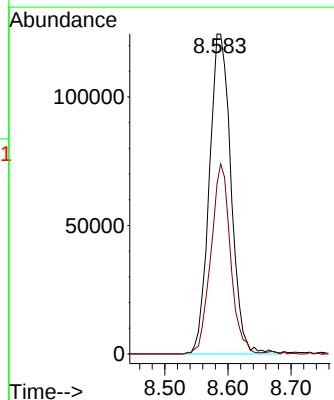
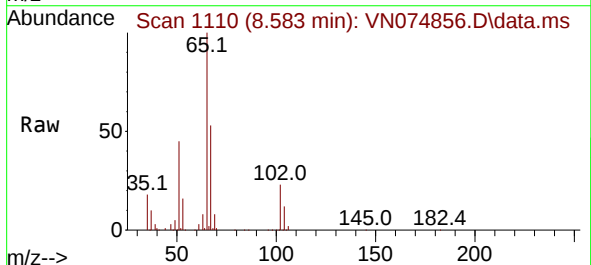
Instrument :
MSVOA_N
ClientSampleId :
PB148255ZHE#05

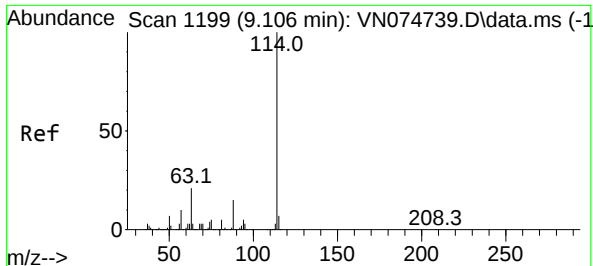
Tgt Ion: 84 Resp: 34550
Ion Ratio Lower Upper
84 100
49 126.6 107.4 161.0
51 31.1 35.1 52.7#
86 63.1 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 31.125 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN074856.D
Acq: 11 Oct 2022 19:02

Tgt Ion: 65 Resp: 296467
Ion Ratio Lower Upper
65 100
67 53.9 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: VN074856.D

Acq: 11 Oct 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

PB148255ZHE#05

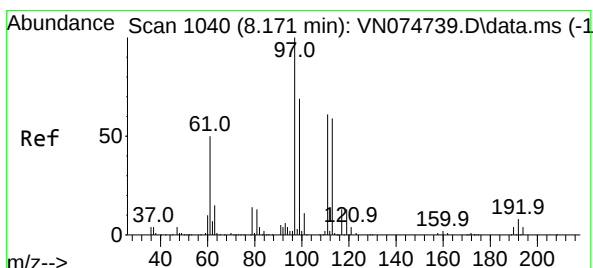
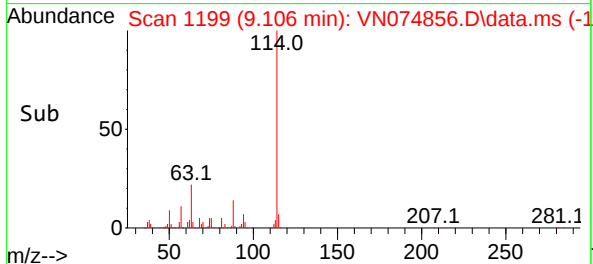
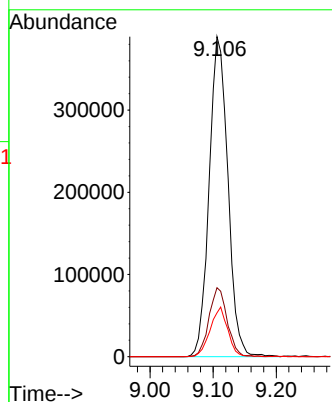
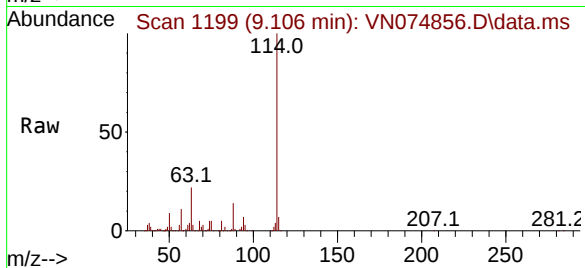
Tgt Ion:114 Resp: 802341

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.2

88 13.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 31.235 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074856.D

Acq: 11 Oct 2022 19:02

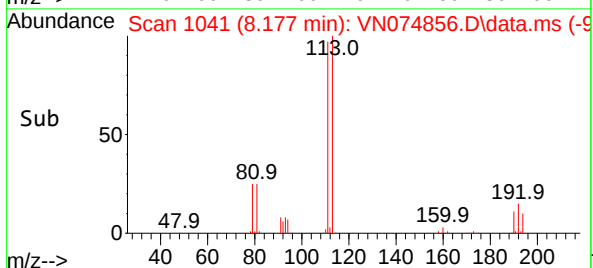
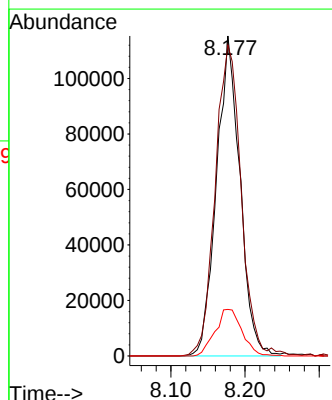
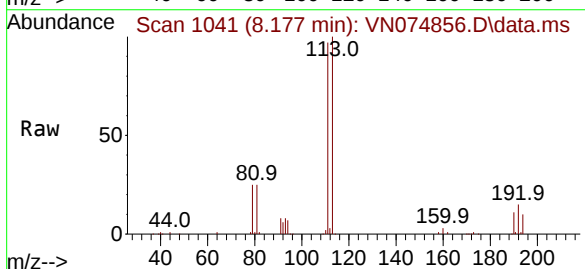
Tgt Ion:113 Resp: 253206

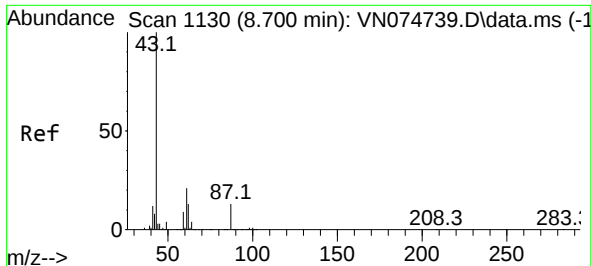
Ion Ratio Lower Upper

113 100

111 107.3 83.0 124.6

192 16.7 12.6 18.8

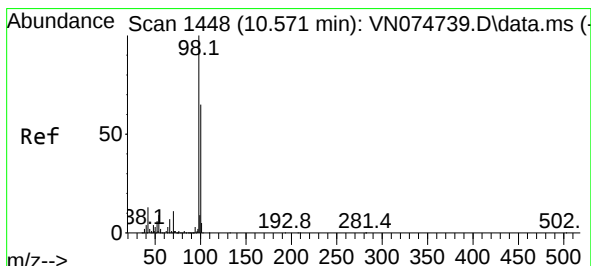
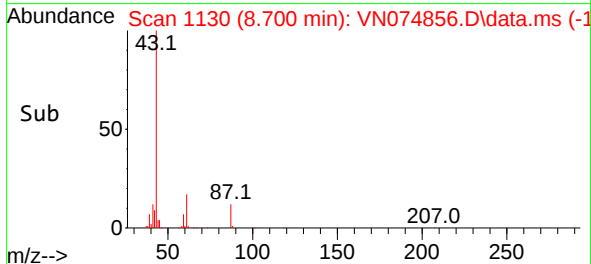
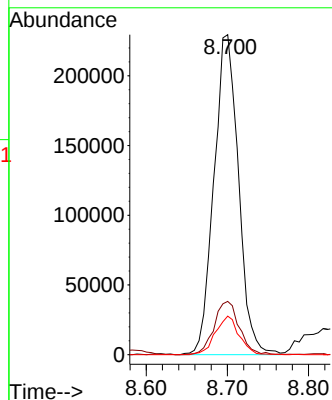
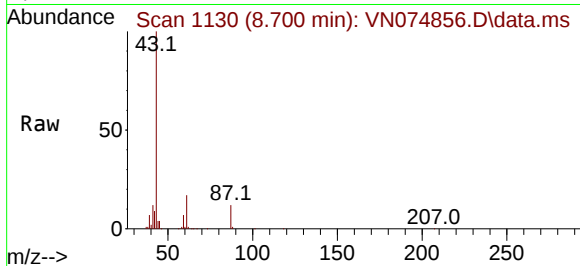




#43
Isopropyl Acetate
Concen: 14.836 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN074856.D
Acq: 11 Oct 2022 19:02

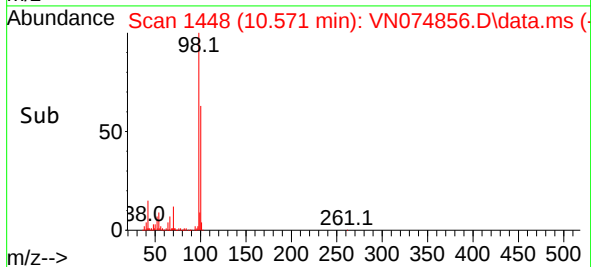
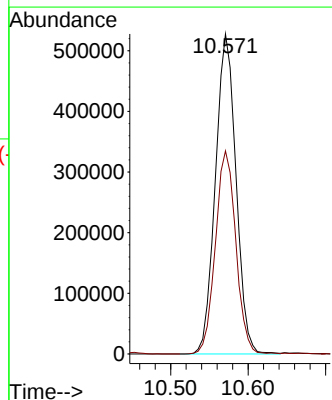
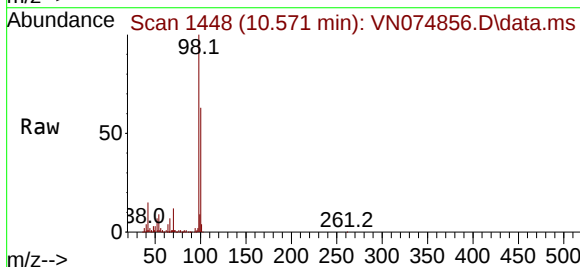
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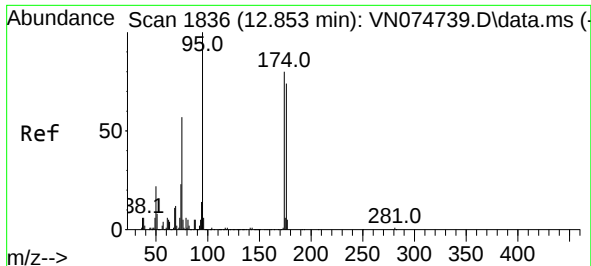
Tgt Ion: 43 Resp: 482532
Ion Ratio Lower Upper
43 100
61 17.2 19.4 29.0#
87 11.6 10.1 15.1



#50
Toluene-d8
Concen: 28.076 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074856.D
Acq: 11 Oct 2022 19:02

Tgt Ion: 98 Resp: 976590
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1

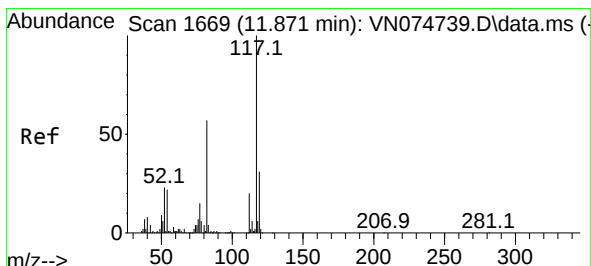
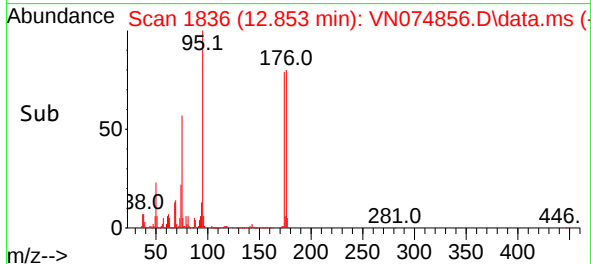
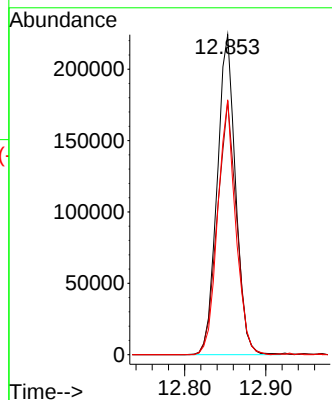
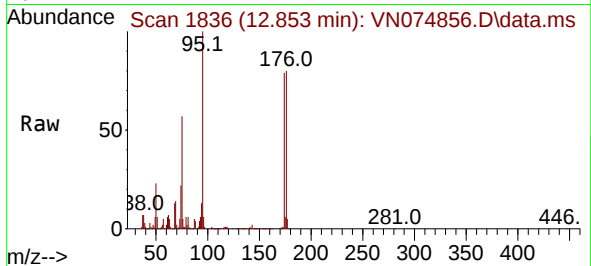




#62
4-Bromofluorobenzene
Concen: 33.485 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074856.D
Acq: 11 Oct 2022 19:02

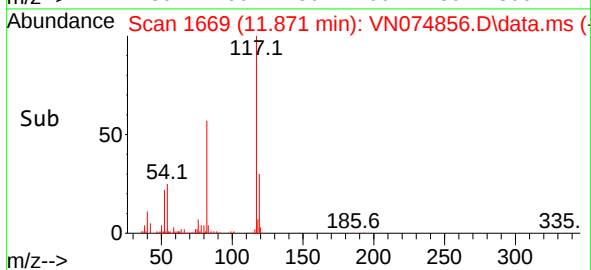
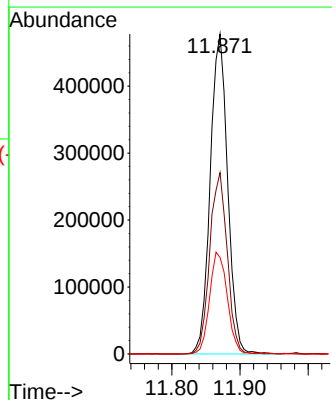
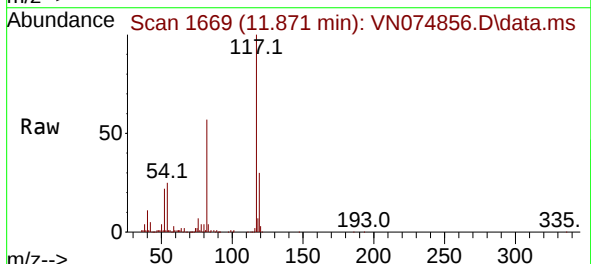
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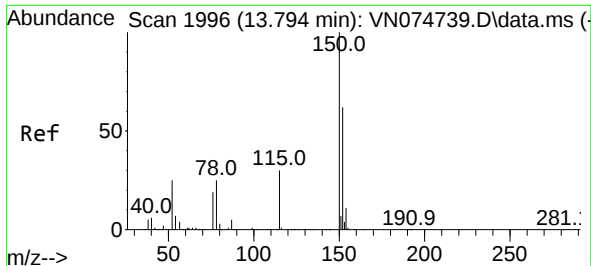
Tgt Ion: 95 Resp: 354066
Ion Ratio Lower Upper
95 100
174 82.5 0.0 149.4
176 77.7 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074856.D
Acq: 11 Oct 2022 19:02

Tgt Ion: 117 Resp: 850841
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 30.1 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: VN074856.D

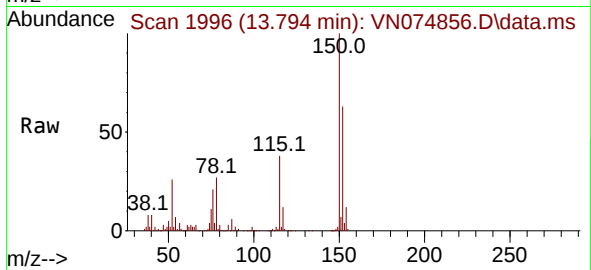
Acq: 11 Oct 2022 19:02

Instrument :

MSVOA_N

ClientSampleId :

PB148255ZHE#05



Tgt Ion:152 Resp: 354492

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 160.1 0.0 356.4

