

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073836.D
 Acq On : 11 Aug 2022 19:46
 Operator : JC\MD
 Sample : N4136-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Aug 12 06:09:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

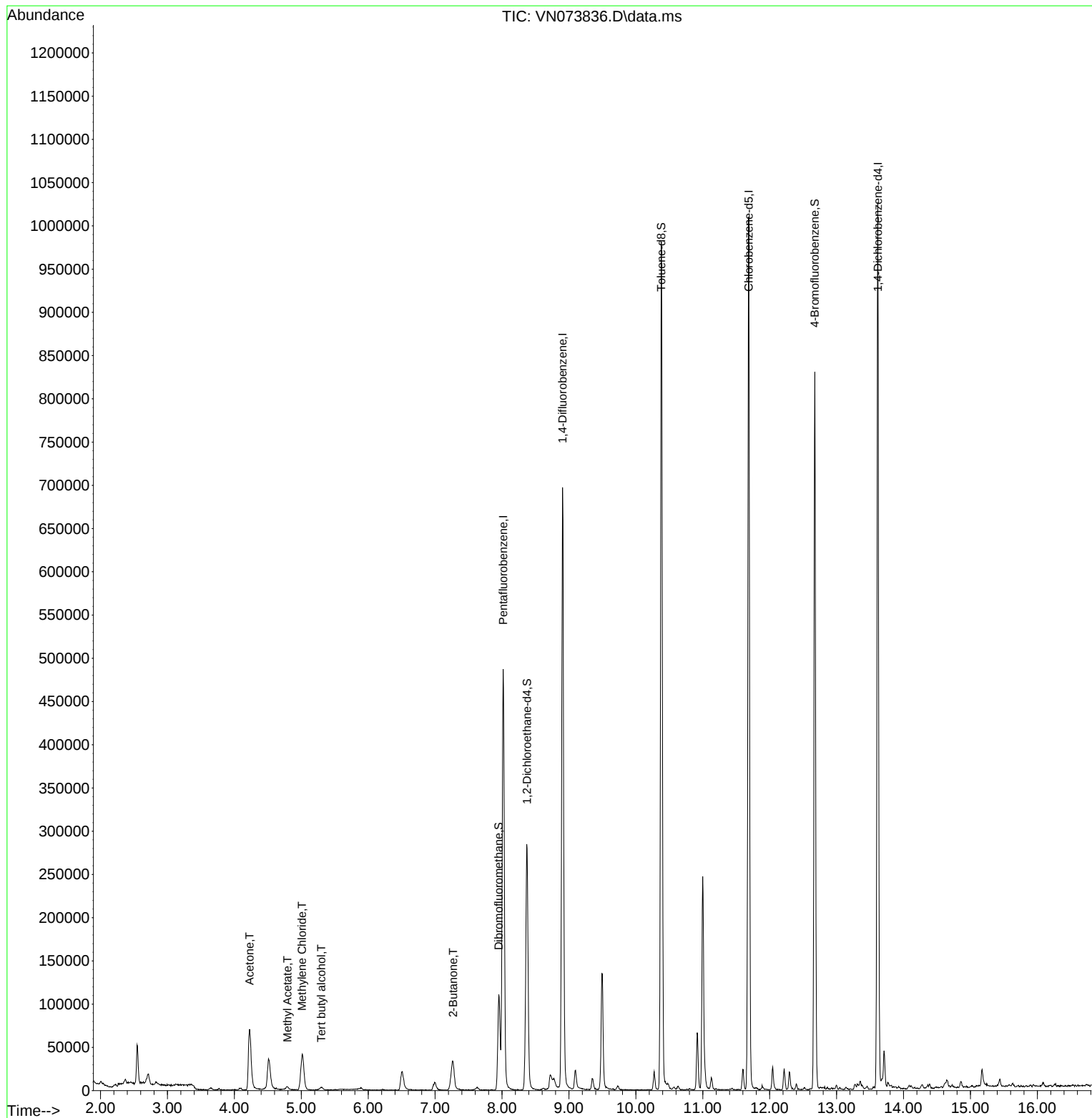
Internal Standards						
1) Pentafluorobenzene	8.016	168	402386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	630456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	599356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	291210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	229876	46.878	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.760%
35) Dibromofluoromethane	7.951	113	82504	20.840	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	41.680%#
50) Toluene-d8	10.381	98	704349	45.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.420%
62) 4-Bromofluorobenzene	12.675	95	270956	49.570	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.299	59	6365	6.019	ug/l #	92
16) Acetone	4.228	43	134224	50.961	ug/l	99
18) Methyl Acetate	4.793	43	7813	1.192	ug/l #	85
20) Methylene Chloride	5.010	84	36460	6.646	ug/l	93
25) 2-Butanone	7.269	43	45926	11.228	ug/l	98

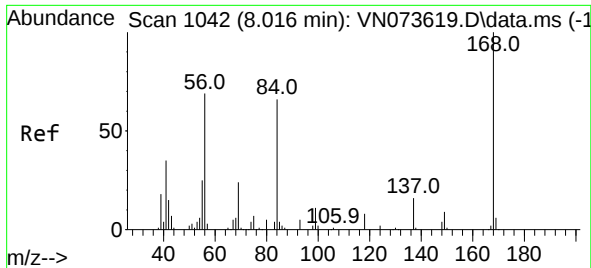
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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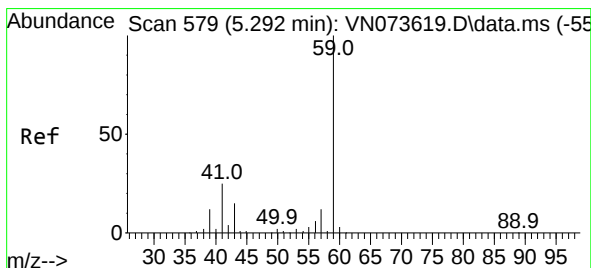
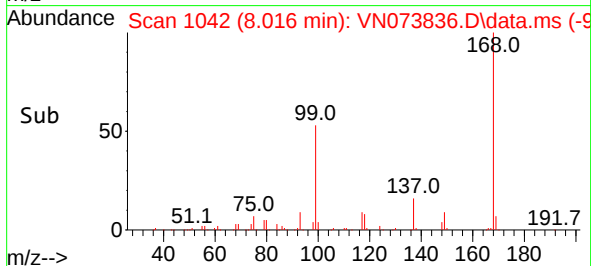
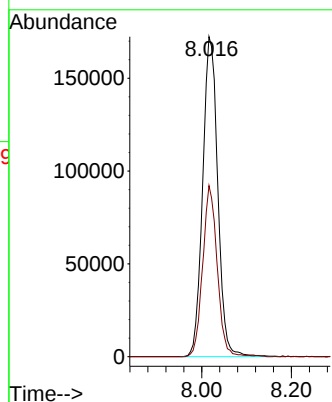
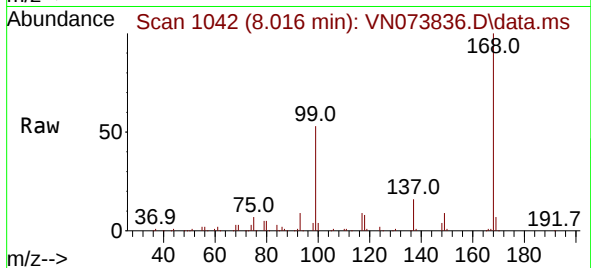




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073836.D
Acq: 11 Aug 2022 19:46

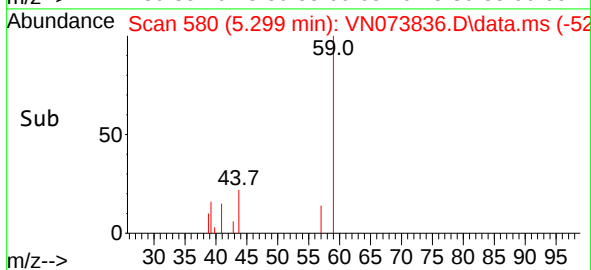
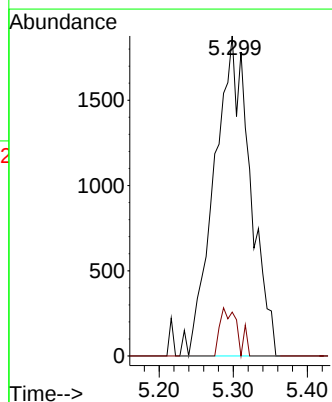
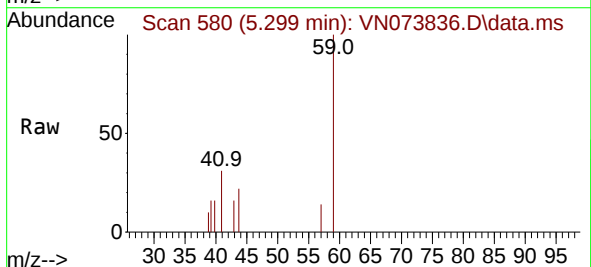
Instrument :
MSVOA_N
ClientSampleId :
WC-4

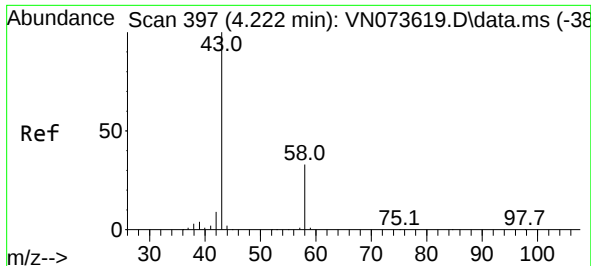
Tgt Ion:168 Resp: 402386
Ion Ratio Lower Upper
168 100
99 53.5 42.3 63.5



#11
Tert butyl alcohol
Concen: 6.019 ug/l
RT: 5.299 min Scan# 580
Delta R.T. 0.007 min
Lab File: VN073836.D
Acq: 11 Aug 2022 19:46

Tgt Ion: 59 Resp: 6365
Ion Ratio Lower Upper
59 100
57 7.3 8.3 12.5#





#16

Acetone

Concen: 50.961 ug/l

RT: 4.228 min Scan# 397

Delta R.T. 0.006 min

Lab File: VN073836.D

Acq: 11 Aug 2022 19:46

Instrument :

MSVOA_N

ClientSampleId :

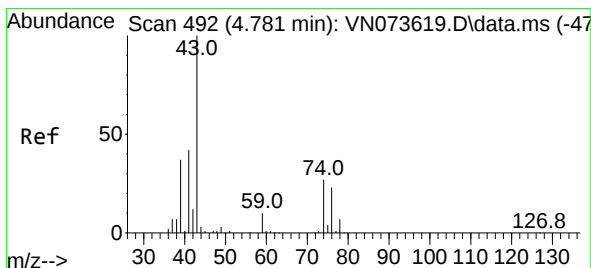
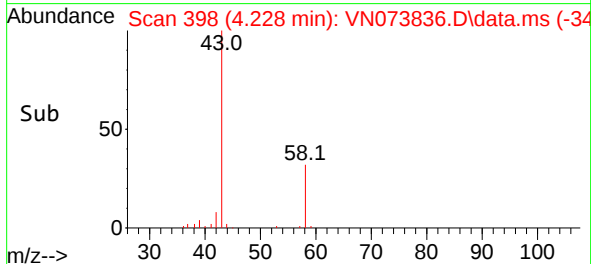
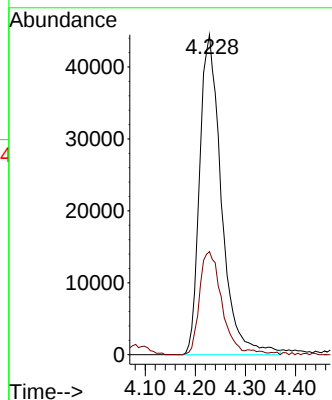
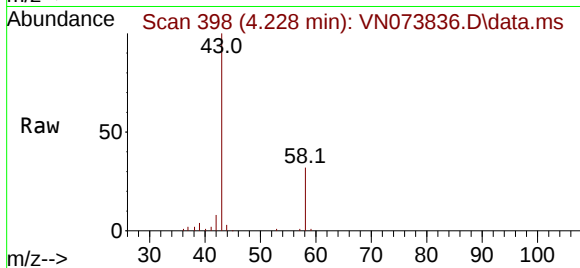
WC-4

Tgt Ion: 43 Resp: 134224

Ion Ratio Lower Upper

43 100

58 32.2 26.0 39.0



#18

Methyl Acetate

Concen: 1.192 ug/l

RT: 4.793 min Scan# 494

Delta R.T. 0.012 min

Lab File: VN073836.D

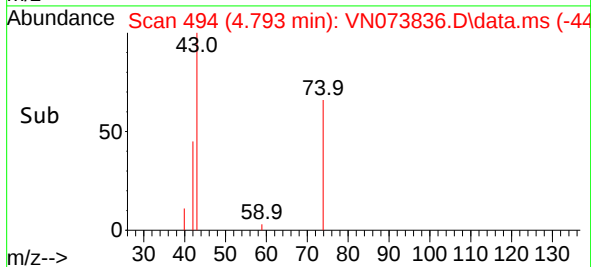
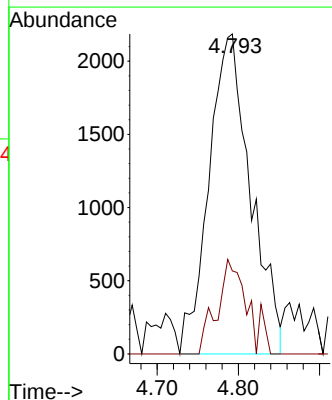
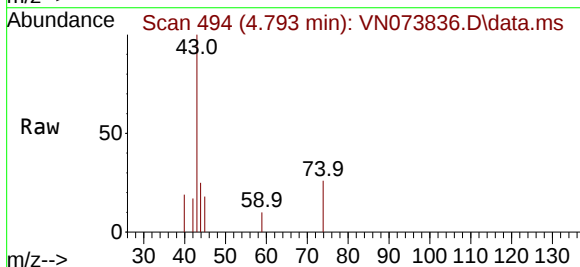
Acq: 11 Aug 2022 19:46

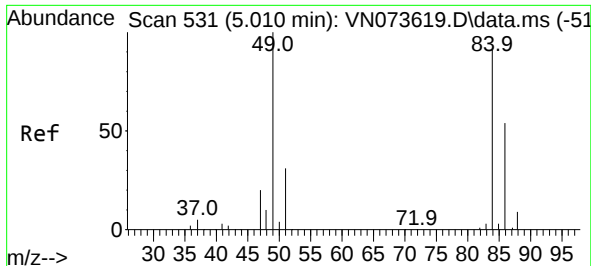
Tgt Ion: 43 Resp: 7813

Ion Ratio Lower Upper

43 100

74 19.3 21.6 32.4#

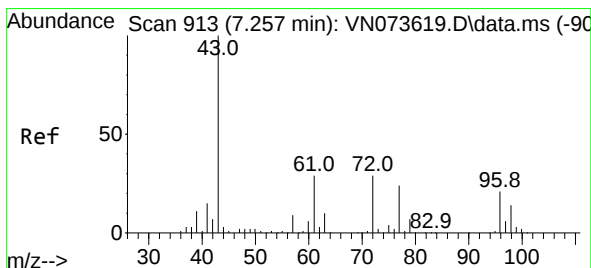
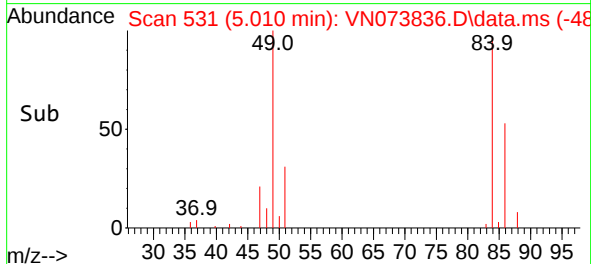
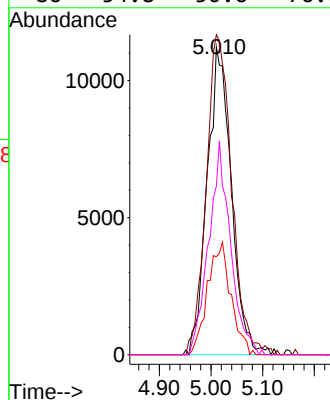
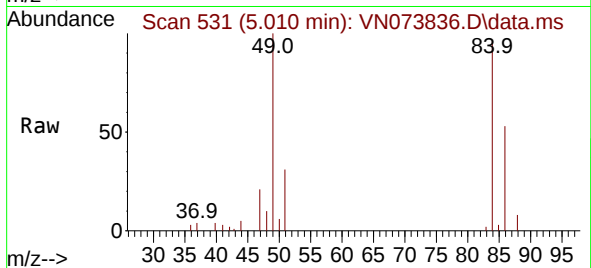




#20
Methylene Chloride
Concen: 6.646 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073836.D
Acq: 11 Aug 2022 19:46

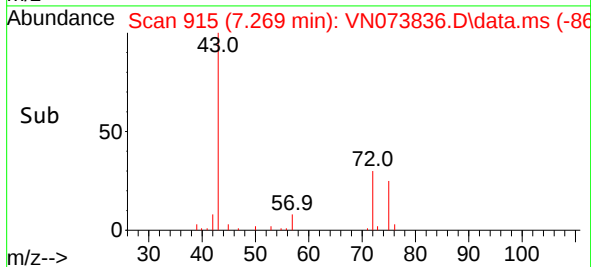
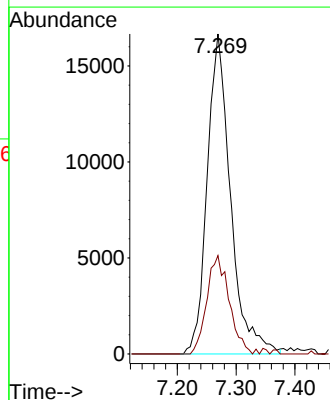
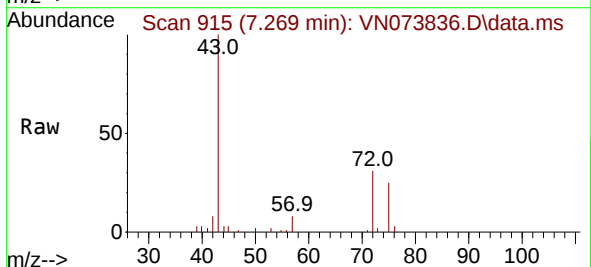
Instrument :
MSVOA_N
ClientSampleId :
WC-4

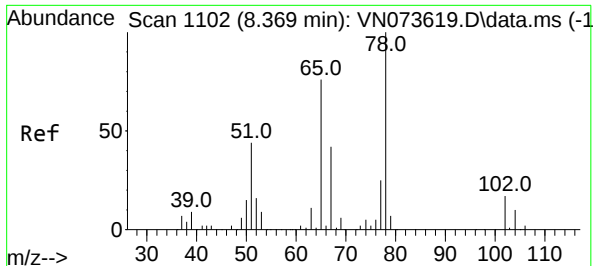
Tgt Ion: 84	Resp: 36460
Ion Ratio	Lower Upper
84 100	
49 104.0	88.3 132.5
51 31.8	28.2 42.2
86 54.8	50.6 76.0



#25
2-Butanone
Concen: 11.228 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073836.D
Acq: 11 Aug 2022 19:46

Tgt Ion: 43	Resp:	45926	
Ion	Ratio	Lower	Upper
43	100		
72	30.8	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 46.878 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073836.D

Acq: 11 Aug 2022 19:46

Instrument :

MSVOA_N

ClientSampleId :

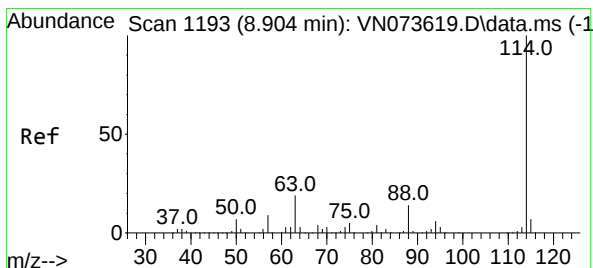
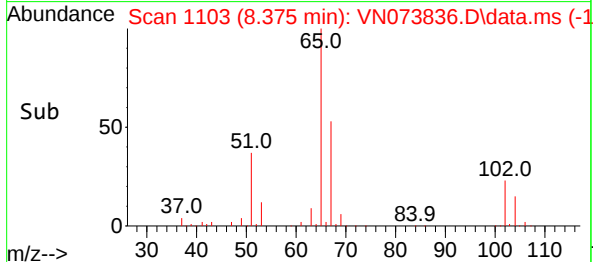
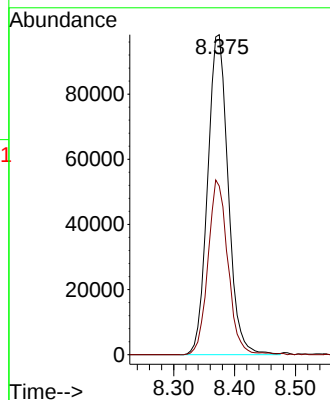
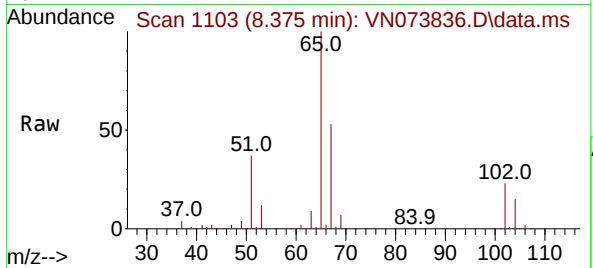
WC-4

Tgt Ion: 65 Resp: 229876

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073836.D

Acq: 11 Aug 2022 19:46

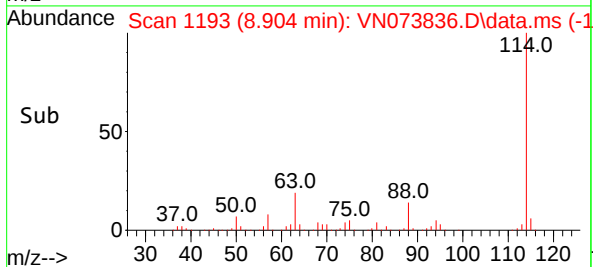
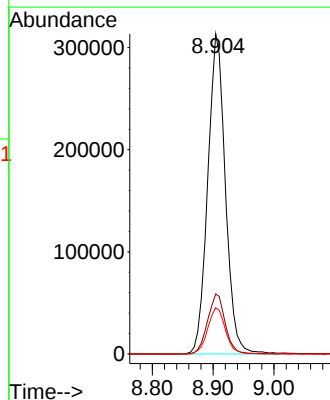
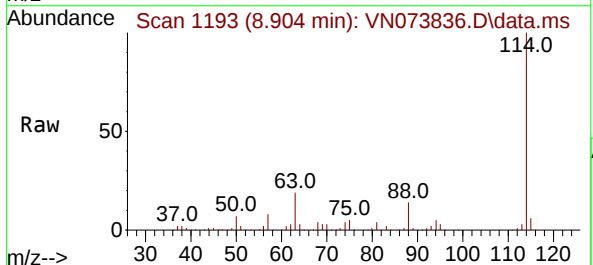
Tgt Ion:114 Resp: 630456

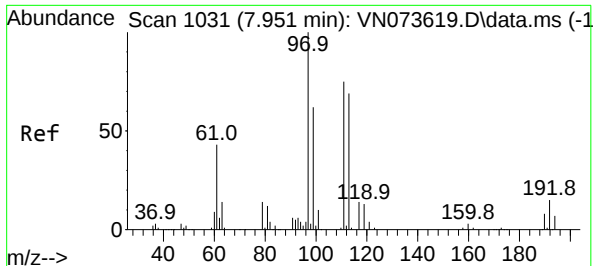
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 20.840 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073836.D

Acq: 11 Aug 2022 19:46

Instrument :

MSVOA_N

ClientSampleId :

WC-4

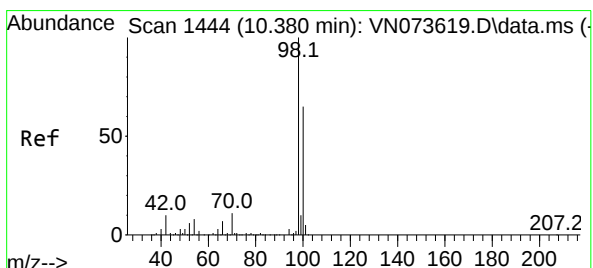
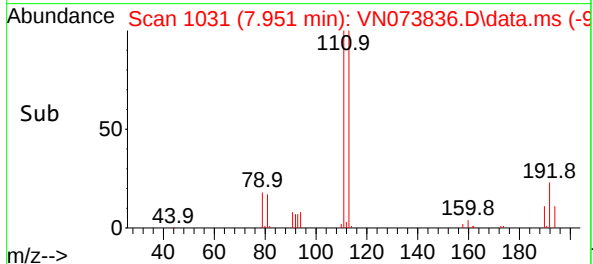
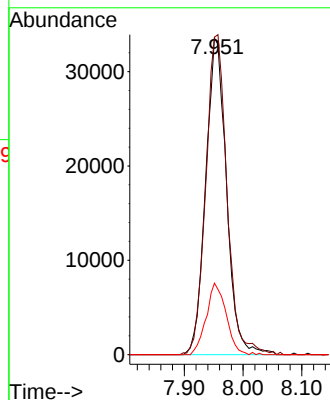
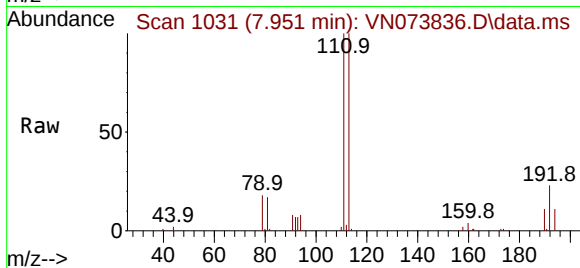
Tgt Ion:113 Resp: 82504

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 21.6 17.0 25.6



#50

Toluene-d8

Concen: 45.213 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073836.D

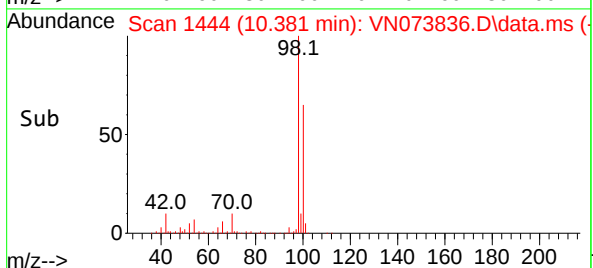
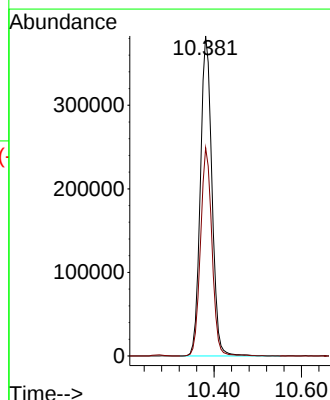
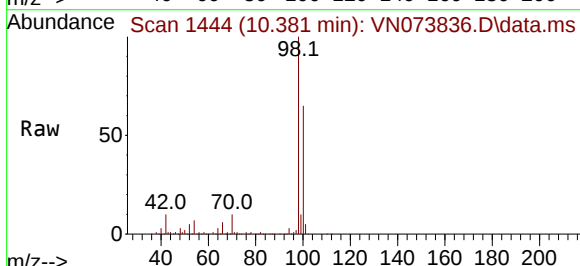
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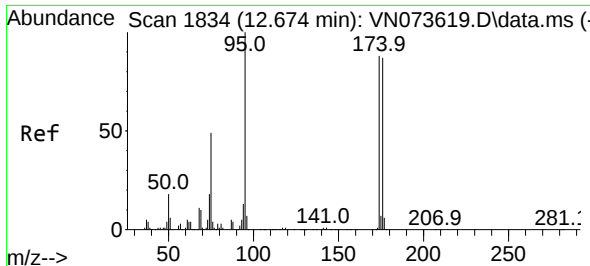
Tgt Ion: 98 Resp: 704349

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8

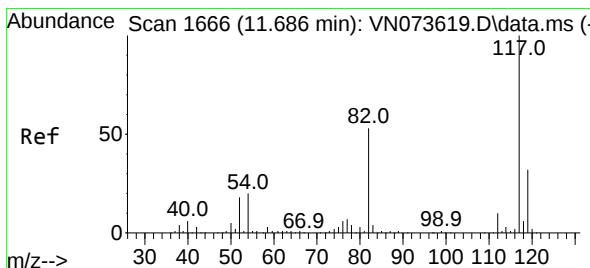
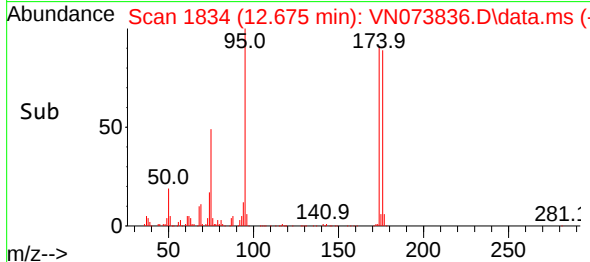
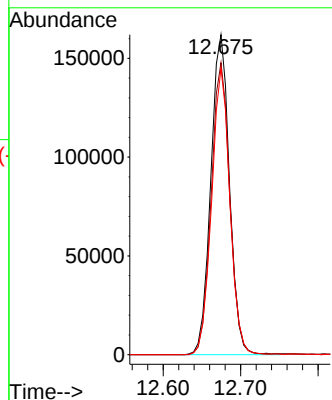
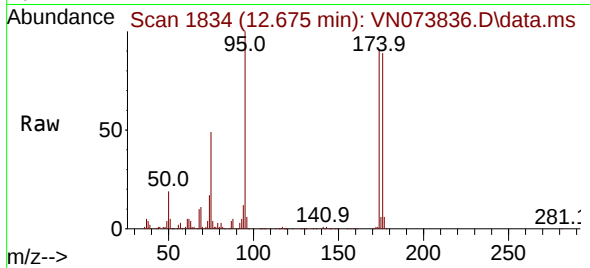




#62
4-Bromofluorobenzene
Concen: 49.570 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073836.D
Acq: 11 Aug 2022 19:46

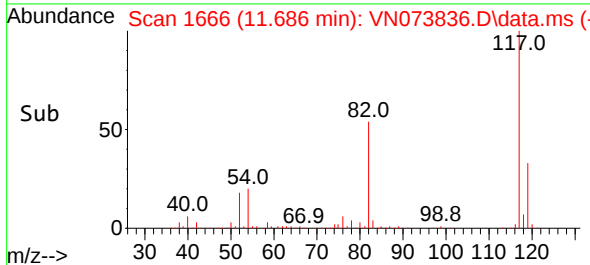
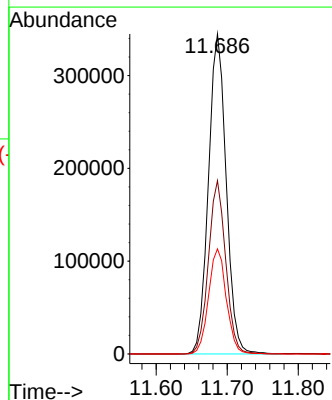
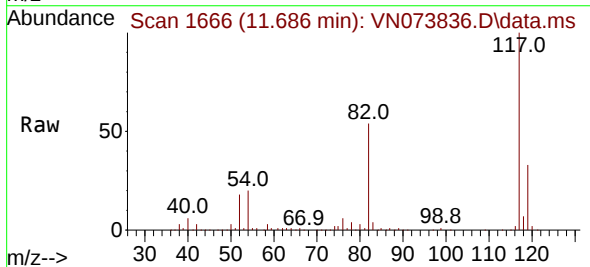
Instrument :
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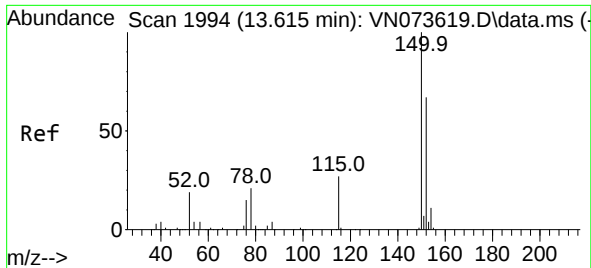
Tgt Ion: 95 Resp: 270956
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 87.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073836.D
Acq: 11 Aug 2022 19:46

Tgt Ion: 117 Resp: 599356
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 32.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073836.D

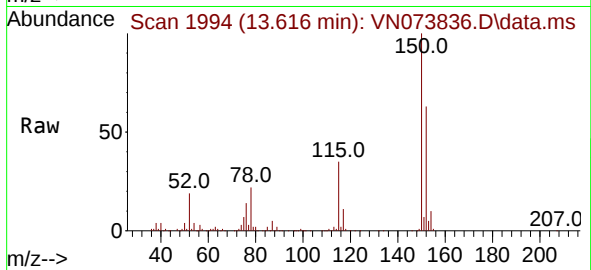
Acq: 11 Aug 2022 19:46

Instrument :

MSVOA_N

ClientSampleId :

WC-4



Tgt Ion:152 Resp: 291210

Ion Ratio Lower Upper

152 100

115 55.9 28.9 86.7

150 158.1 0.0 356.2

