

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078288.D
 Acq On : 19 Jun 2023 19:02
 Operator : JC\MD
 Sample : 03320-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-10

Quant Time: Jun 20 01:32:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

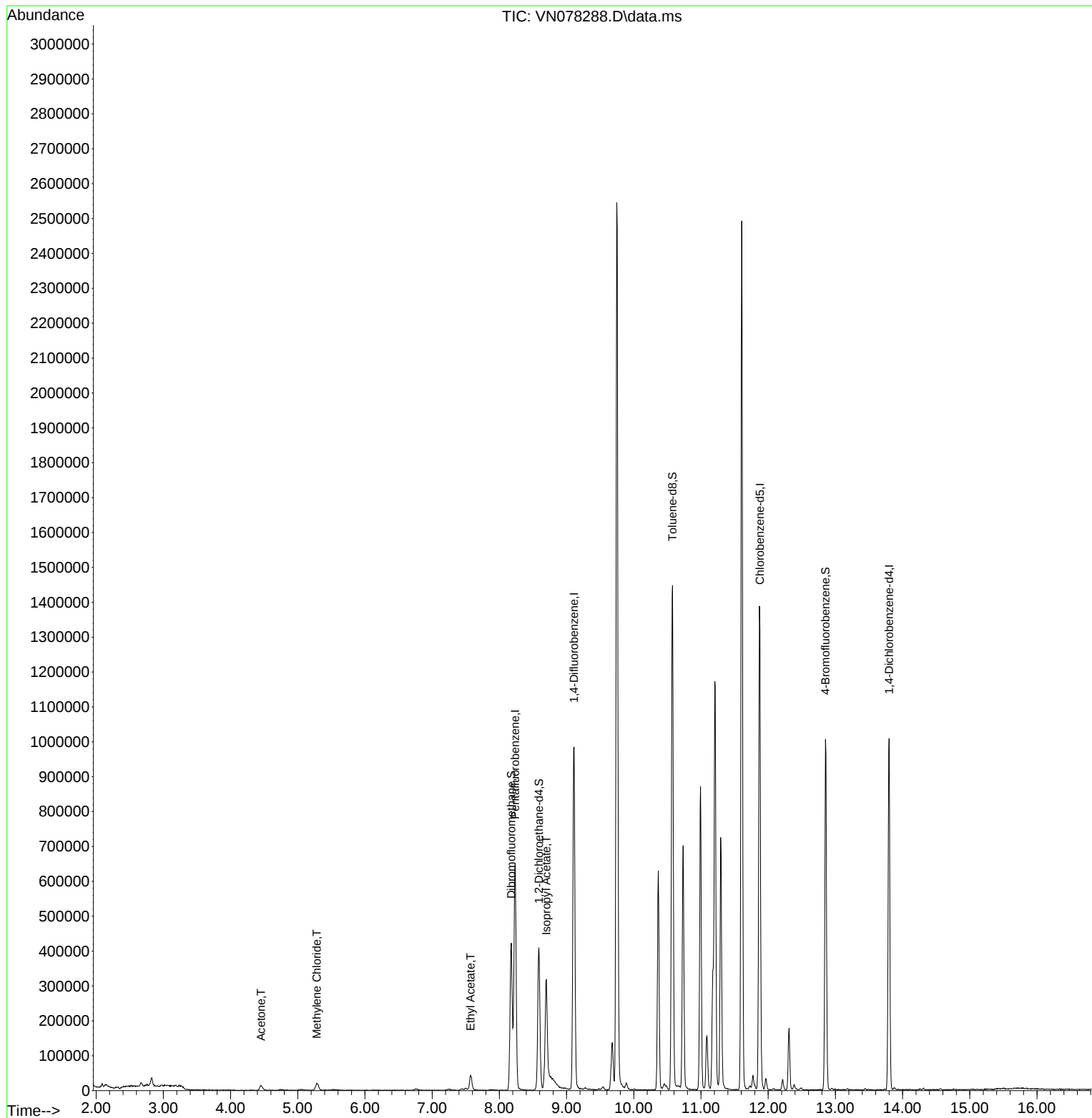
Internal Standards						
1) Pentafluorobenzene	8.235	168	473575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	886368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	829877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	275096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	338540	53.616	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.240%	
35) Dibromofluoromethane	8.177	113	302921	54.051	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.100%	
50) Toluene-d8	10.576	98	1056144	48.883	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.760%	
62) 4-Bromofluorobenzene	12.853	95	353107	52.572	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	26253	14.445	ug/l	89
20) Methylene Chloride	5.283	84	15901	2.648	ug/l #	85
37) Ethyl Acetate	7.571	43	64366	10.249	ug/l #	96
43) Isopropyl Acetate	8.700	43	427829	35.622	ug/l #	74

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

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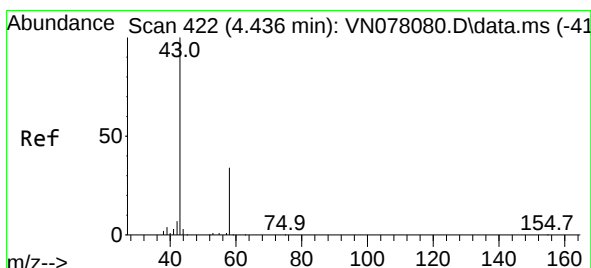
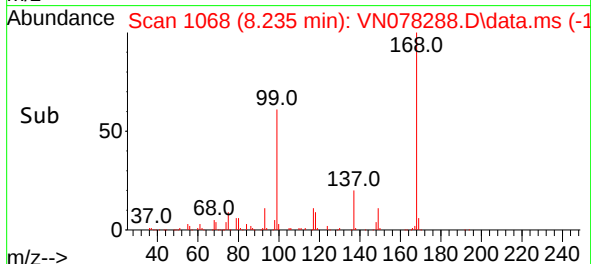
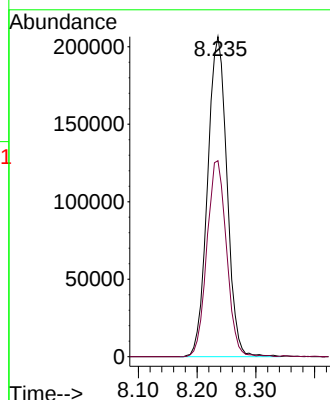
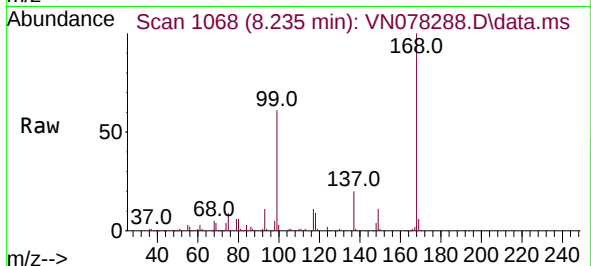




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078288.D
Acq: 19 Jun 2023 19:02

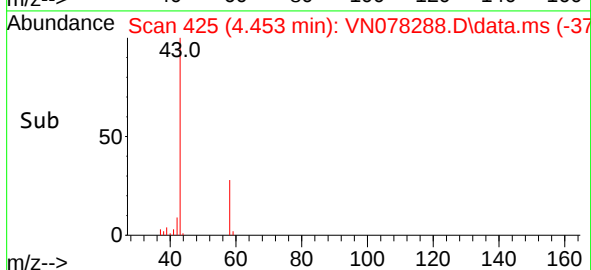
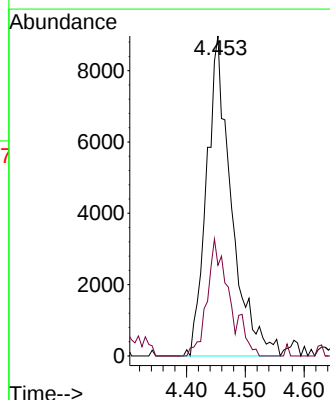
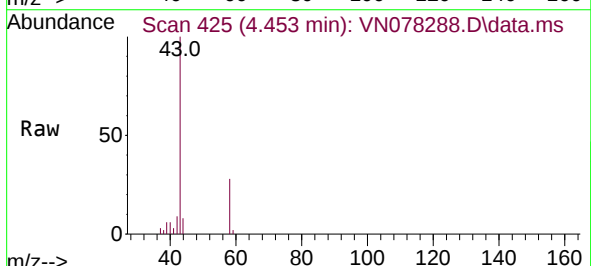
Instrument :
MSVOA_N
ClientSampleId :
WC-10

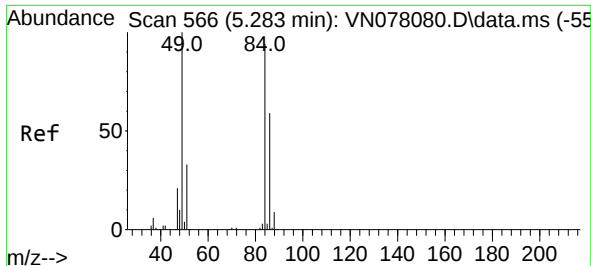
Tgt Ion:168 Resp: 473575
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#16
Acetone
Concen: 14.445 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078288.D
Acq: 19 Jun 2023 19:02

Tgt Ion: 43 Resp: 26253
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0

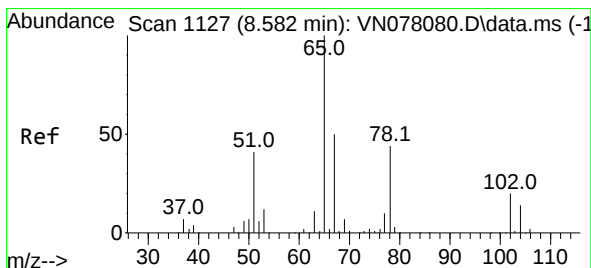
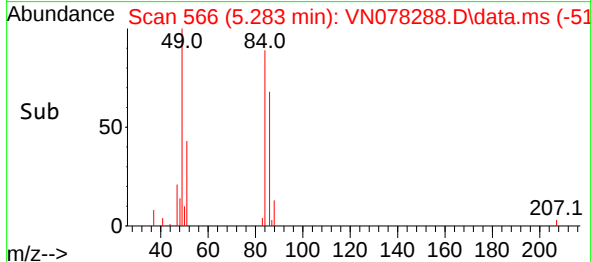
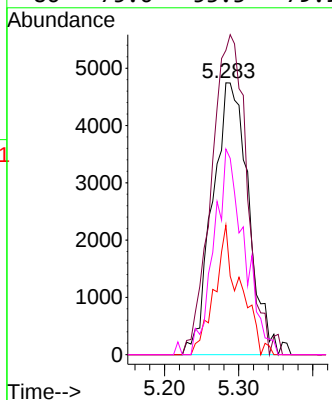
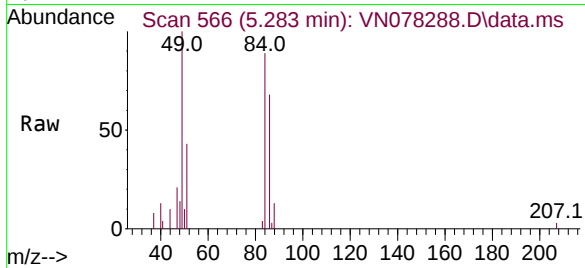




#20
Methylene Chloride
Concen: 2.648 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078288.D
Acq: 19 Jun 2023 19:02

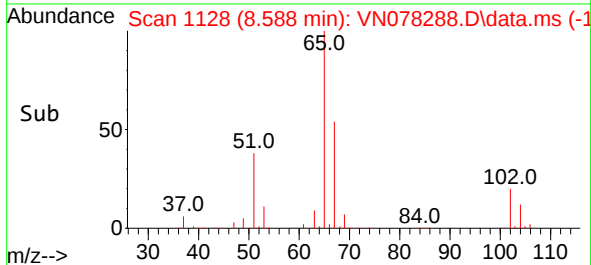
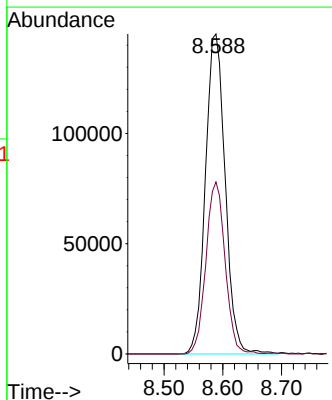
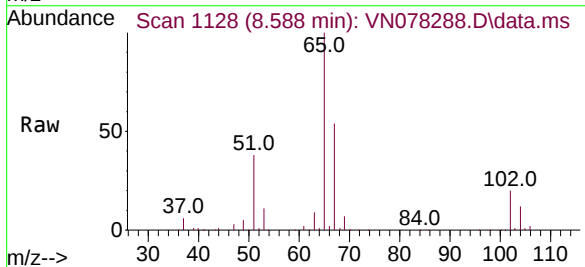
Instrument :
MSVOA_N
ClientSampleId :
WC-10

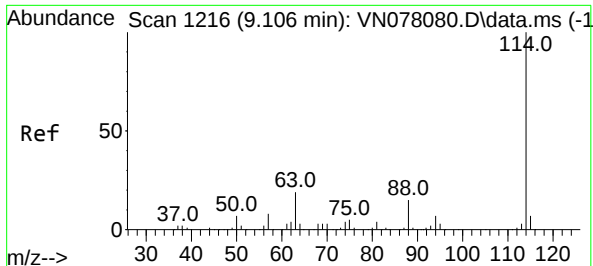
Tgt Ion:	84	Resp:	15901
Ion	Ratio	Lower	Upper
84	100		
49	111.9	79.7	119.5
51	47.6	25.2	37.8#
86	75.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.616 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078288.D
Acq: 19 Jun 2023 19:02

Tgt Ion:	65	Resp:	338540
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078288.D

Acq: 19 Jun 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

WC-10

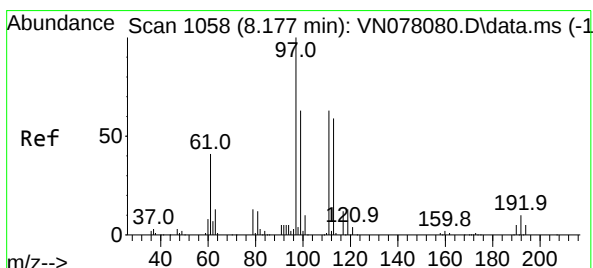
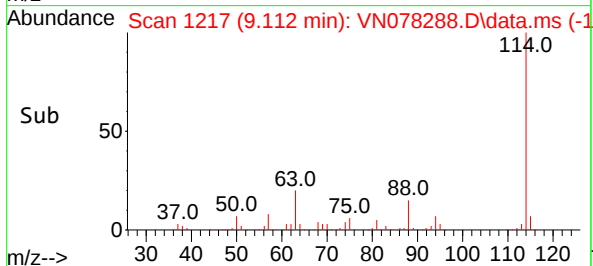
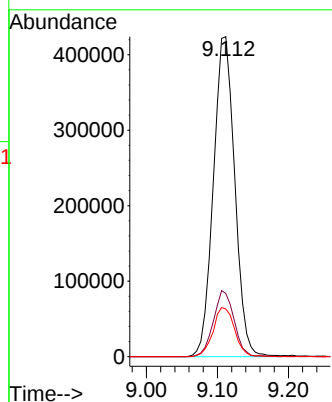
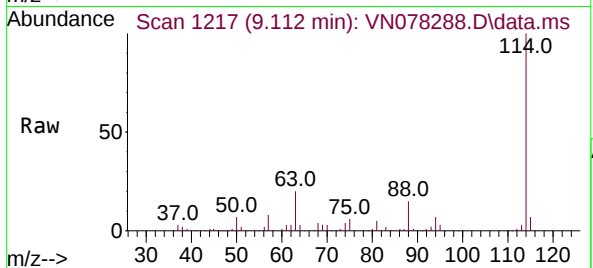
Tgt Ion:114 Resp: 886368

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.051 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078288.D

Acq: 19 Jun 2023 19:02

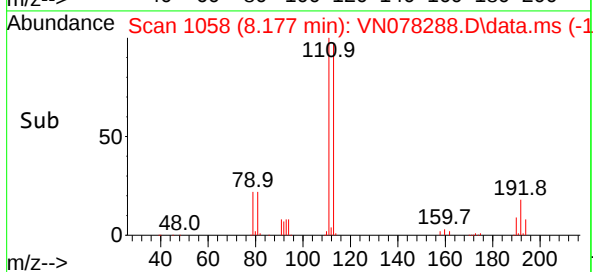
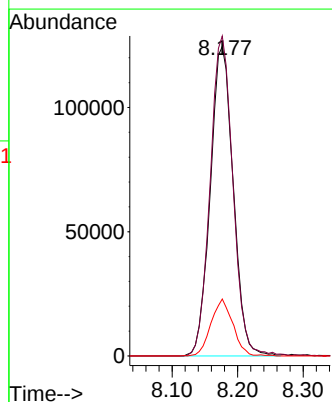
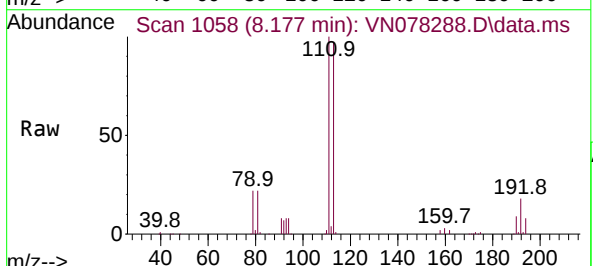
Tgt Ion:113 Resp: 302921

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.5 12.7 19.1

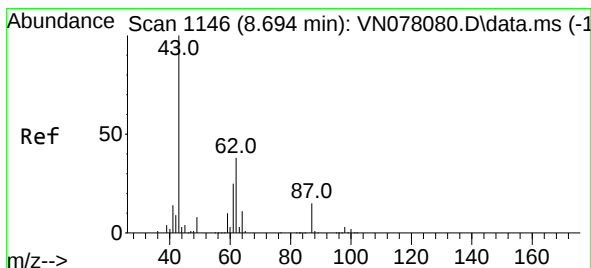
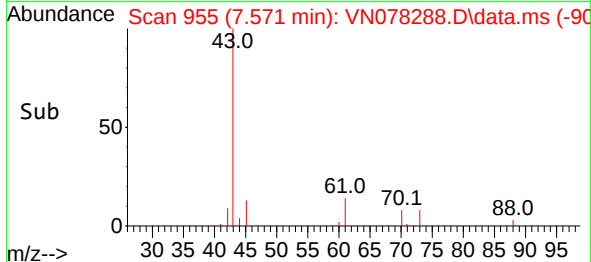
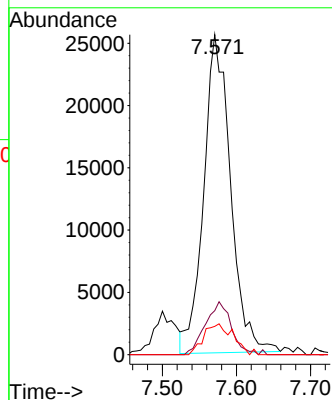
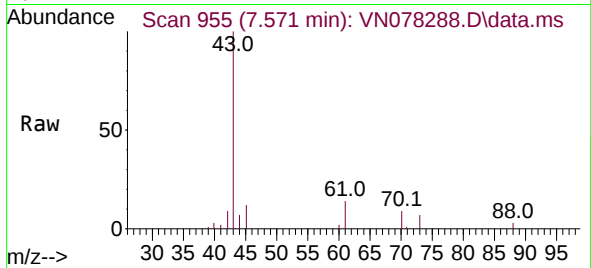




#37
Ethyl Acetate
Concen: 10.249 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078288.D
Acq: 19 Jun 2023 19:02

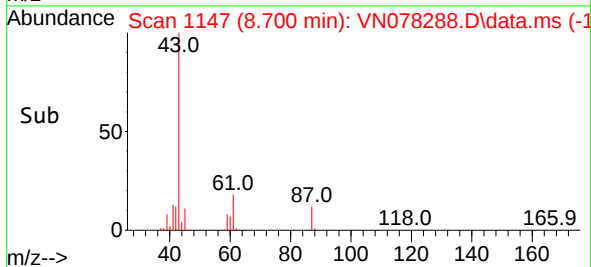
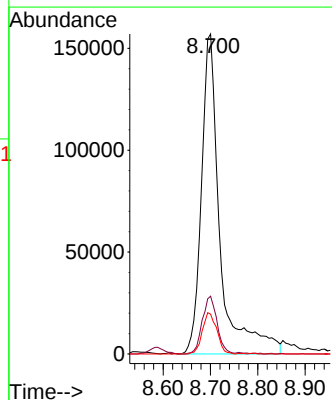
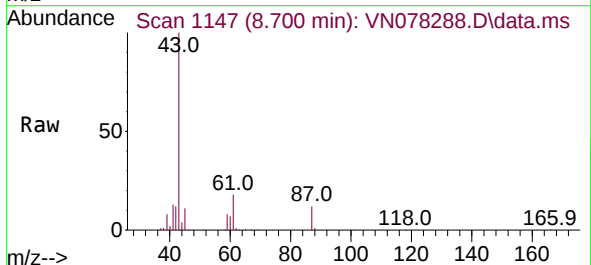
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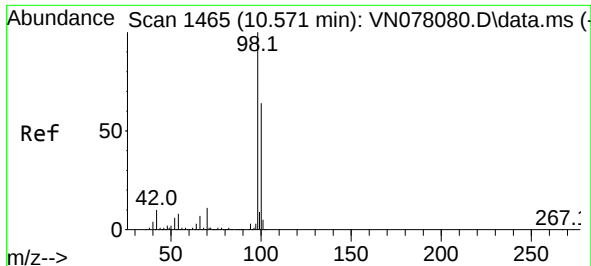
Tgt Ion: 43 Resp: 64366
Ion Ratio Lower Upper
43 100
61 16.0 13.2 19.8
70 10.7 11.3 16.9#



#43
Isopropyl Acetate
Concen: 35.622 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078288.D
Acq: 19 Jun 2023 19:02

Tgt Ion: 43 Resp: 427829
Ion Ratio Lower Upper
43 100
61 14.3 24.7 37.1#
87 10.0 14.6 21.8#

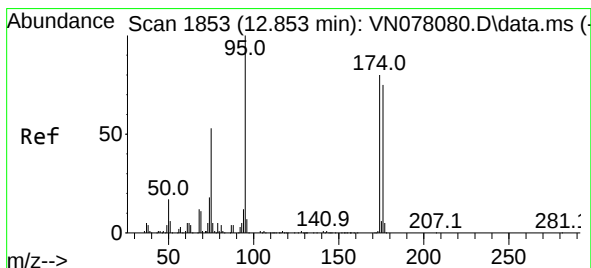
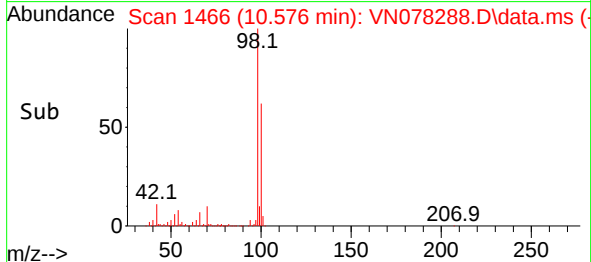
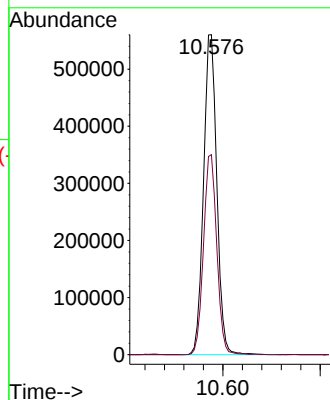
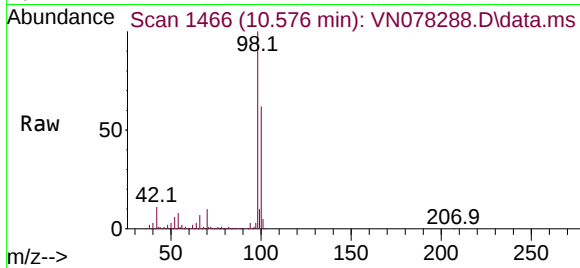




#50
Toluene-d8
Concen: 48.883 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078288.D
Acq: 19 Jun 2023 19:02

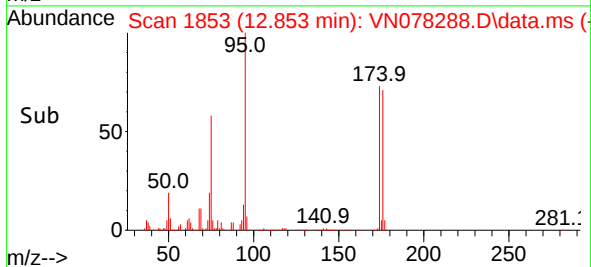
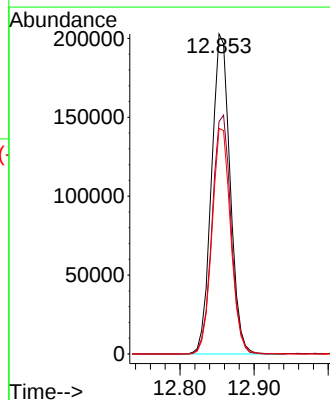
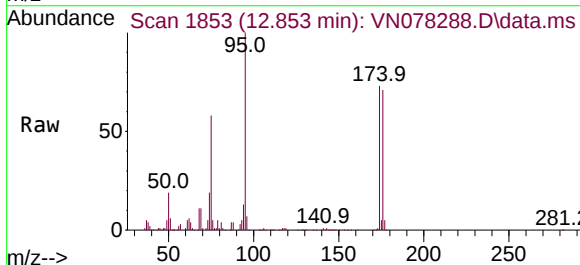
Instrument :
MSVOA_N
ClientSampleId :
WC-10

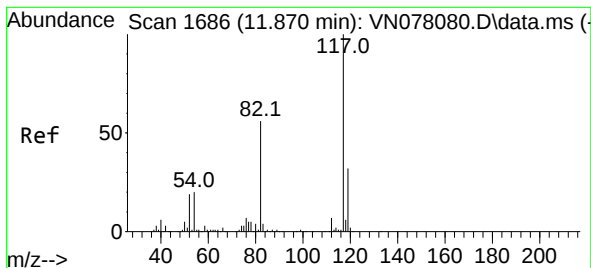
Tgt Ion: 98 Resp: 1056144
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.572 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078288.D
Acq: 19 Jun 2023 19:02

Tgt Ion: 95 Resp: 353107
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 70.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.876 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078288.D

Acq: 19 Jun 2023 19:02

Instrument :

MSVOA_N

ClientSampleId :

WC-10

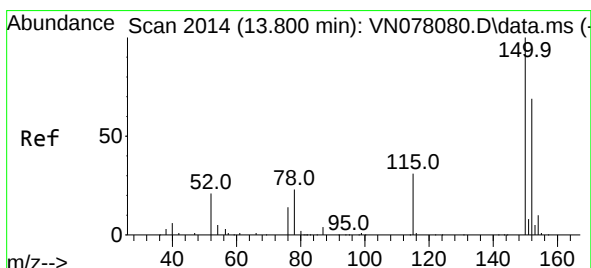
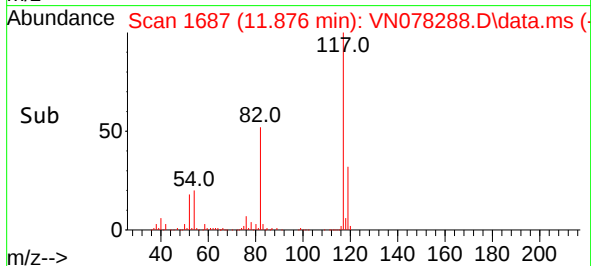
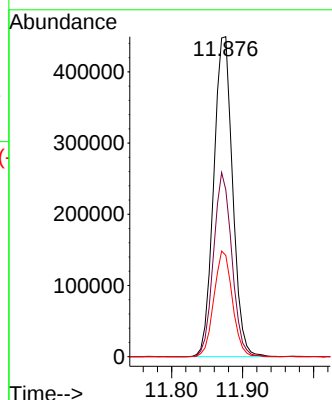
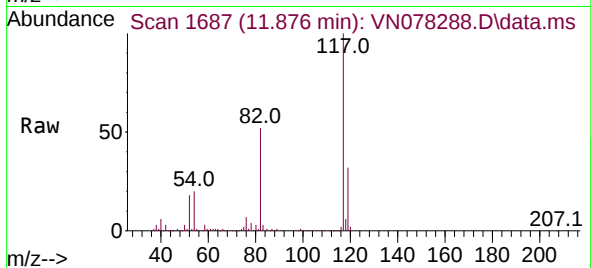
Tgt Ion:117 Resp: 829877

Ion Ratio Lower Upper

117 100

82 52.1 44.0 66.0

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078288.D

Acq: 19 Jun 2023 19:02

Tgt Ion:152 Resp: 275096

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 159.1 0.0 355.8

