

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078328.D
 Acq On : 21 Jun 2023 17:35
 Operator : JC\MD
 Sample : 03336-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3

Quant Time: Jun 22 04:52:32 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)

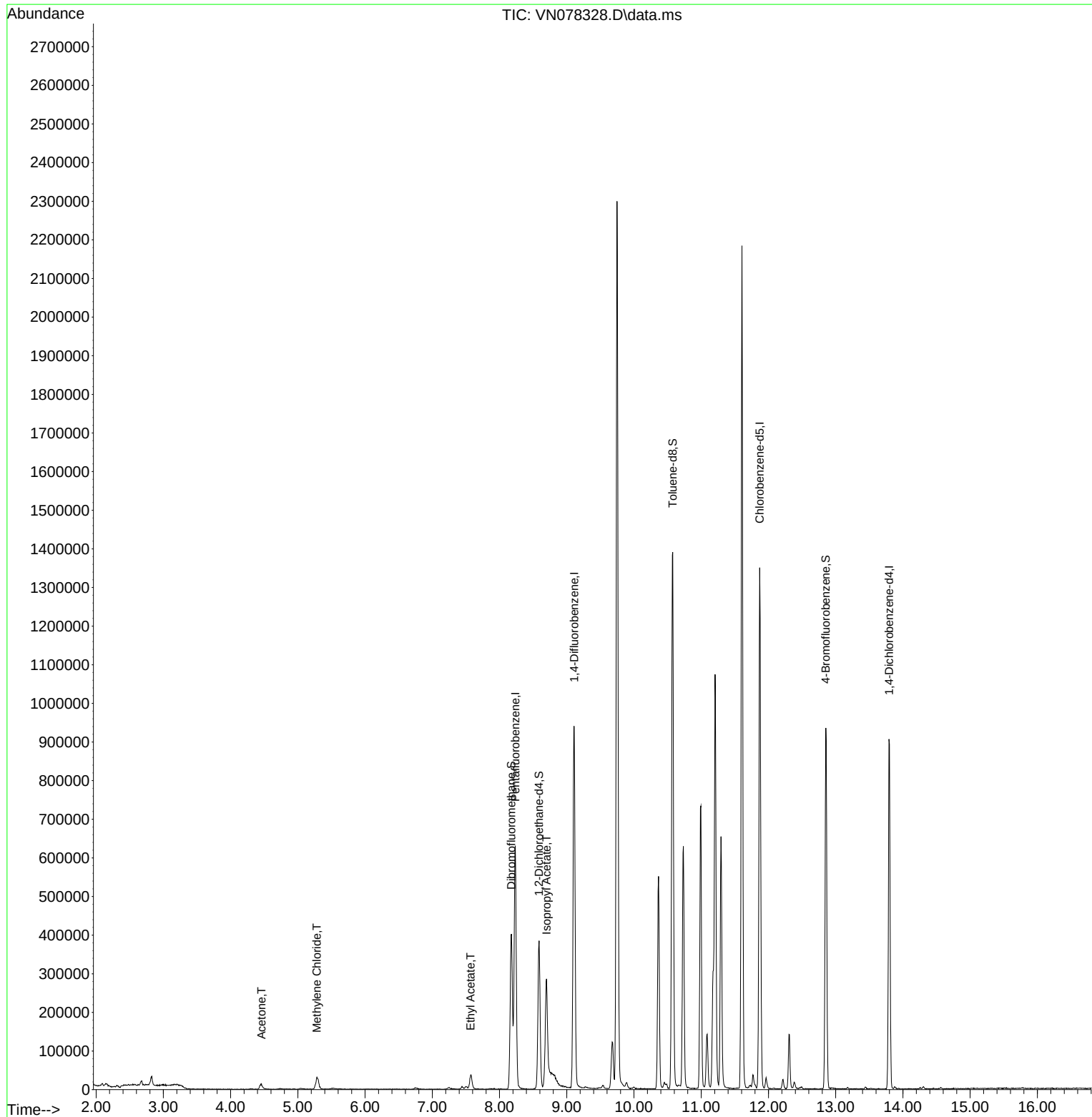
Internal Standards						
1) Pentafluorobenzene	8.235	168	442426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	845811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	798605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	316658	53.681	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.360%		
35) Dibromofluoromethane	8.177	113	289871	54.202	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.400%		
50) Toluene-d8	10.576	98	1006722	48.830	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.660%		
62) 4-Bromofluorobenzene	12.853	95	325060	50.717	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.440%		
Target Compounds						
					Qvalue	
16) Acetone	4.459	43	25311	14.907	ug/l #	87
20) Methylene Chloride	5.283	84	25268	4.503	ug/l	94
37) Ethyl Acetate	7.571	43	56065	9.356	ug/l	96
43) Isopropyl Acetate	8.700	43	349124	30.463	ug/l #	77

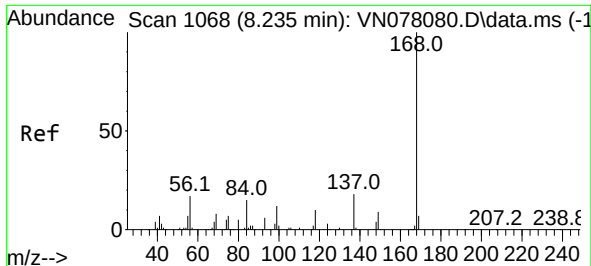
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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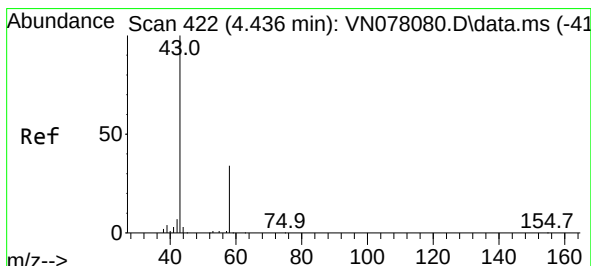
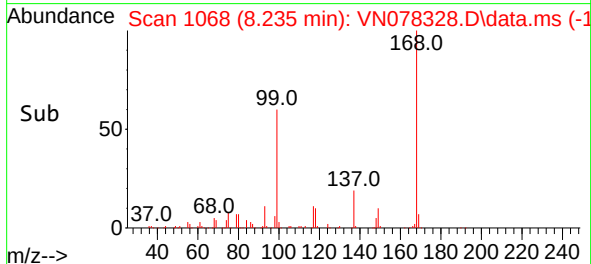
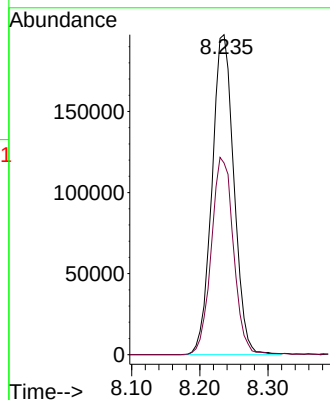
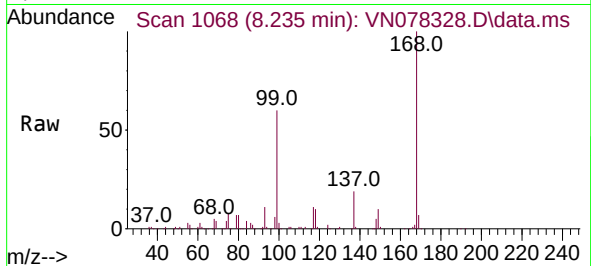




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078328.D
Acq: 21 Jun 2023 17:35

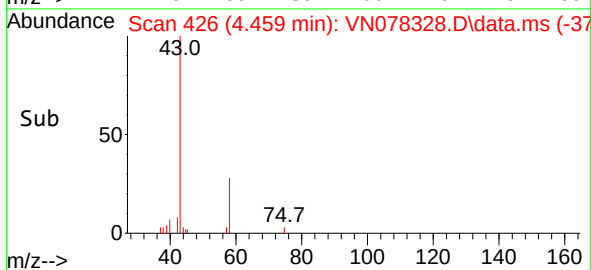
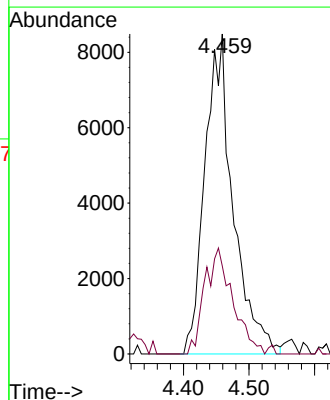
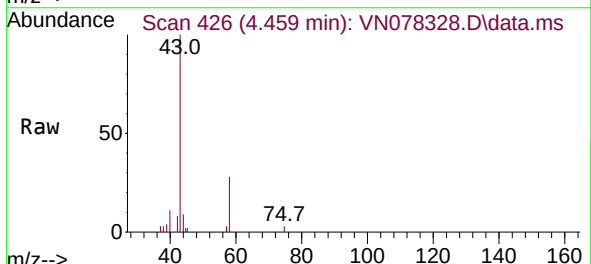
Instrument :
MSVOA_N
ClientSampleId :
WC-3

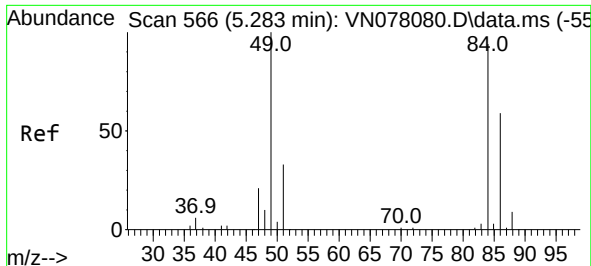
Tgt Ion:168 Resp: 442426
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6



#16
Acetone
Concen: 14.907 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.024 min
Lab File: VN078328.D
Acq: 21 Jun 2023 17:35

Tgt Ion: 43 Resp: 25311
Ion Ratio Lower Upper
43 100
58 27.5 28.0 42.0#

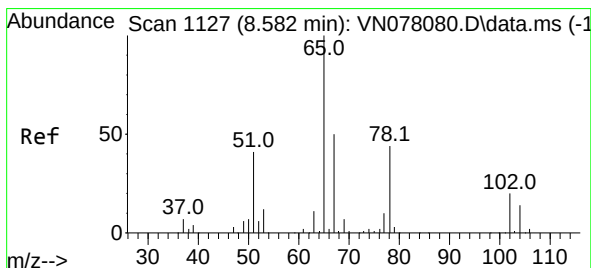
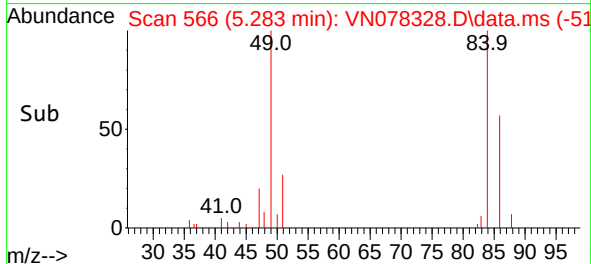
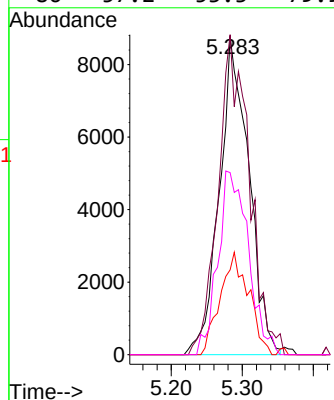
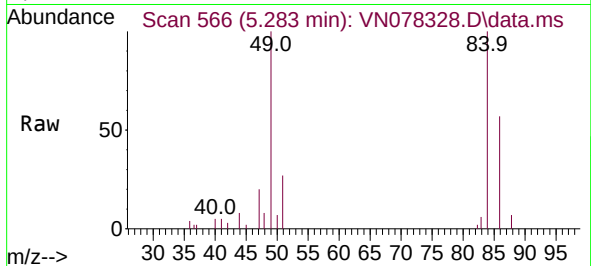




#20
Methylene Chloride
Concen: 4.503 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN078328.D
Acq: 21 Jun 2023 17:35

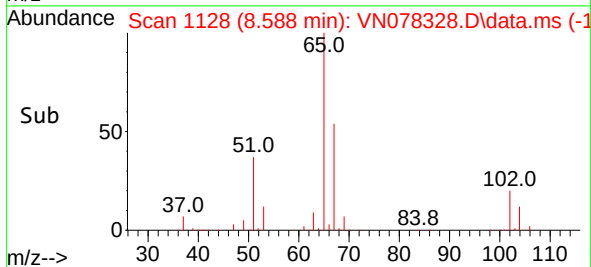
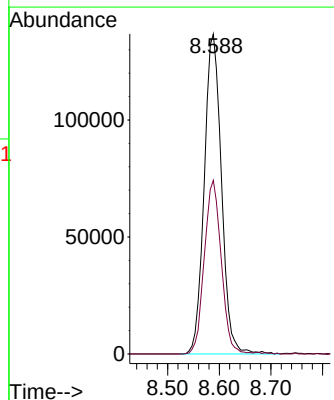
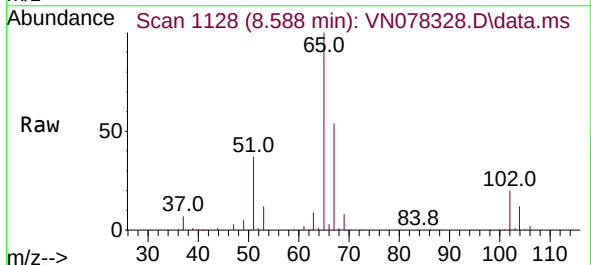
Instrument :
MSVOA_N
ClientSampleId :
WC-3

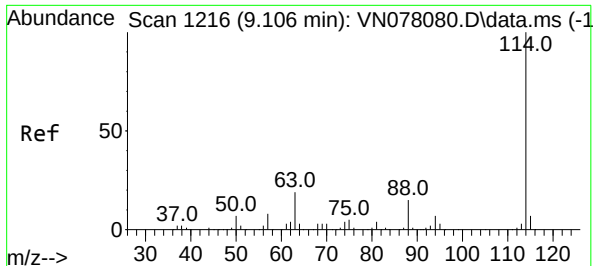
Tgt Ion:	84	Resp:	25268
Ion	Ratio	Lower	Upper
84	100		
49	100.5	79.7	119.5
51	26.6	25.2	37.8
86	57.2	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.681 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078328.D
Acq: 21 Jun 2023 17:35

Tgt Ion:	65	Resp:	316658
Ion	Ratio	Lower	Upper
65	100		
67	53.3	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: VN078328.D

Acq: 21 Jun 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

WC-3

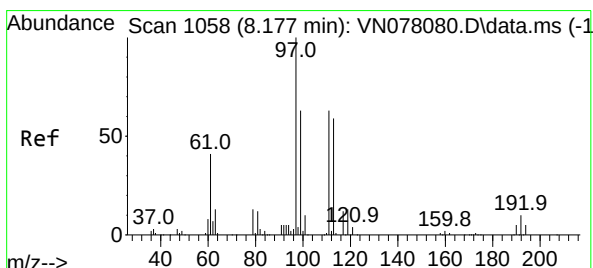
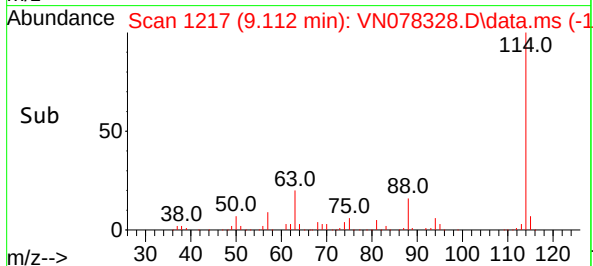
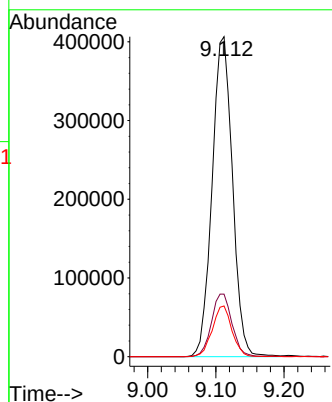
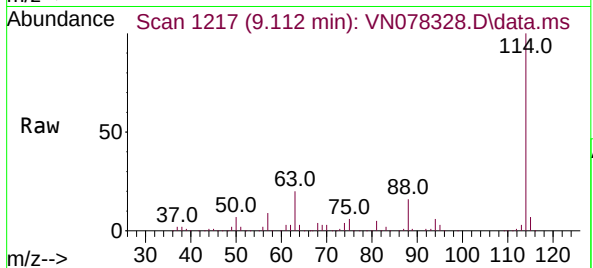
Tgt Ion:114 Resp: 845811

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.202 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078328.D

Acq: 21 Jun 2023 17:35

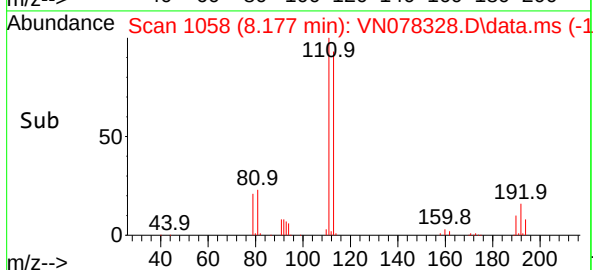
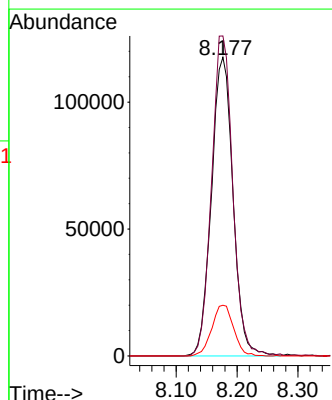
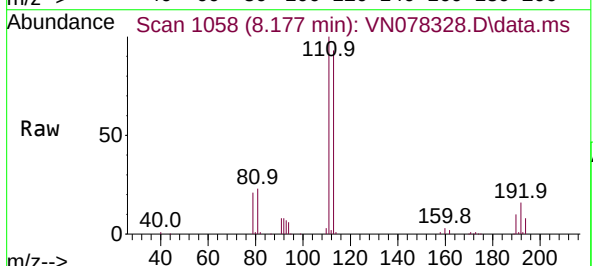
Tgt Ion:113 Resp: 289871

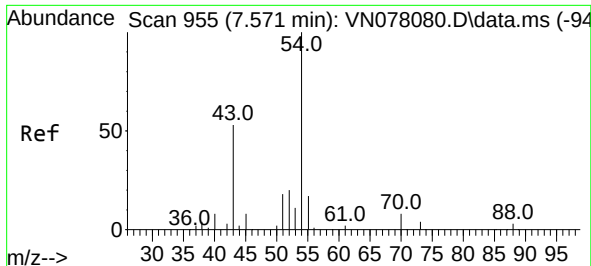
Ion Ratio Lower Upper

113 100

111 105.1 82.6 123.8

192 17.2 12.7 19.1

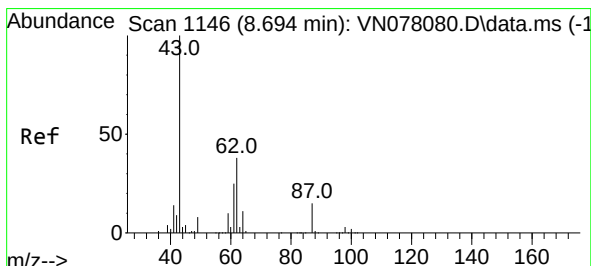
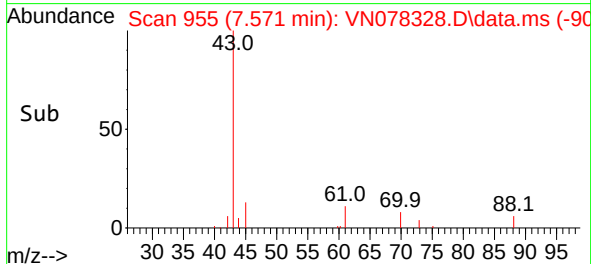
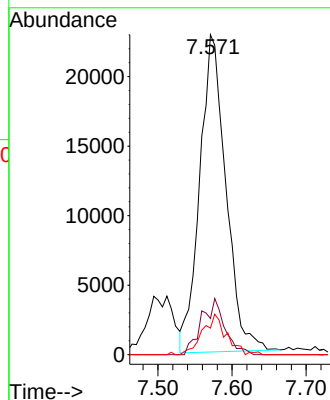
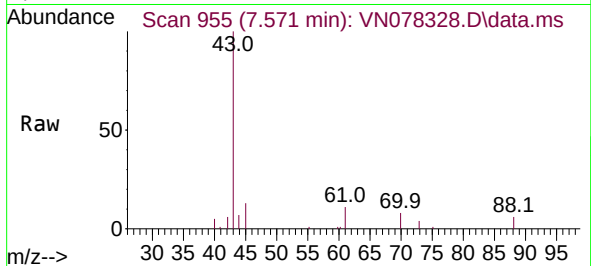




#37
Ethyl Acetate
Concen: 9.356 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078328.D
Acq: 21 Jun 2023 17:35

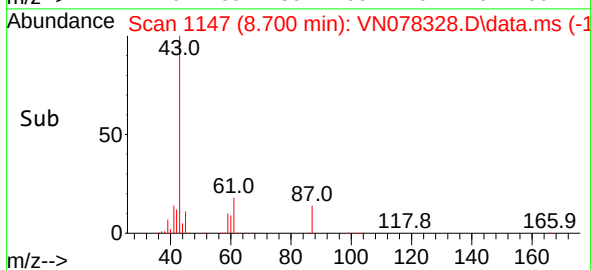
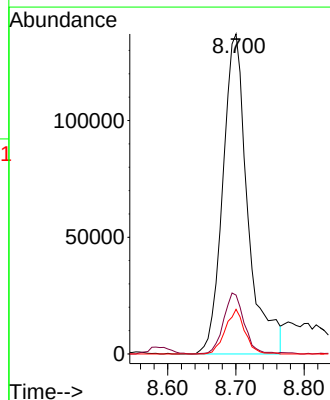
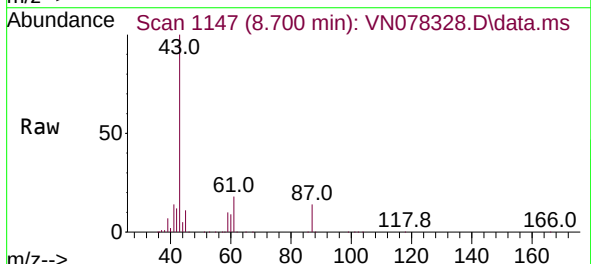
Instrument :
MSVOA_N
ClientSampleId :
WC-3

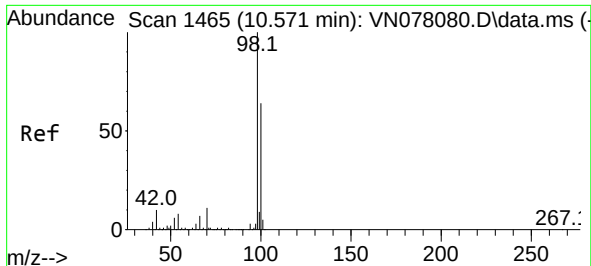
Tgt Ion:	43	Resp:	56065
Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.2	19.8
70	11.5	11.3	16.9



#43
Isopropyl Acetate
Concen: 30.463 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078328.D
Acq: 21 Jun 2023 17:35

Tgt Ion:	43	Resp:	349124
Ion	Ratio	Lower	Upper
43	100		
61	15.7	24.7	37.1#
87	10.9	14.6	21.8#

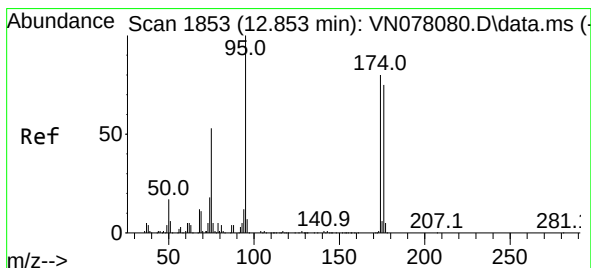
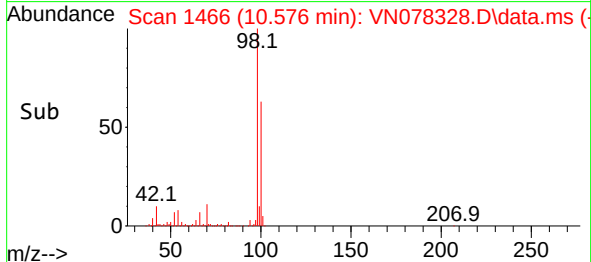
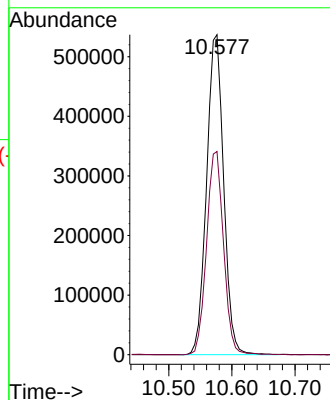
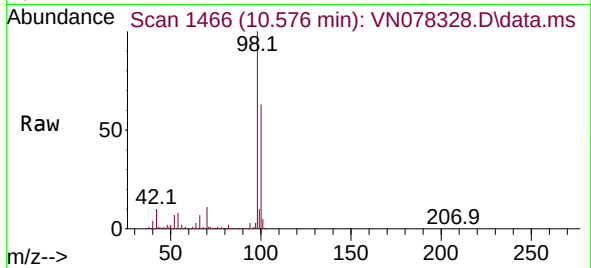




#50
Toluene-d8
Concen: 48.830 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078328.D
Acq: 21 Jun 2023 17:35

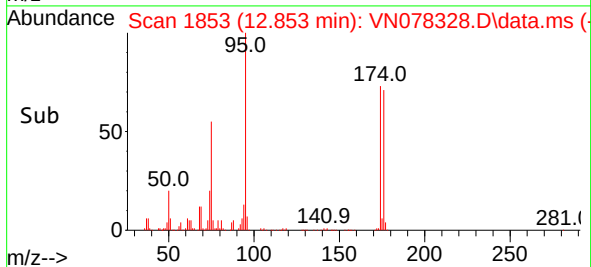
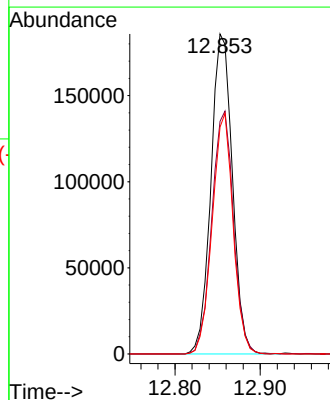
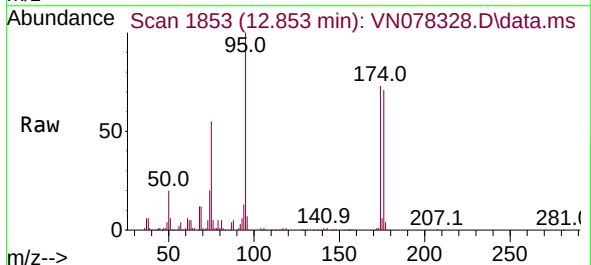
Instrument :
MSVOA_N
ClientSampleId :
WC-3

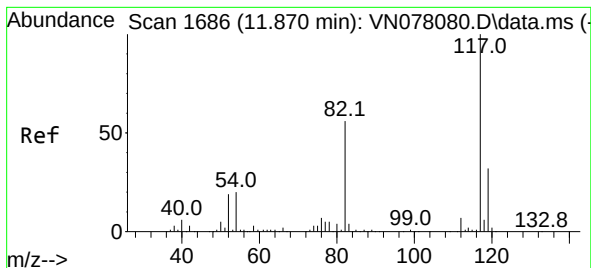
Tgt Ion: 98 Resp: 1006722
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.717 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078328.D
Acq: 21 Jun 2023 17:35

Tgt Ion: 95 Resp: 325060
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 73.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078328.D

Acq: 21 Jun 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

WC-3

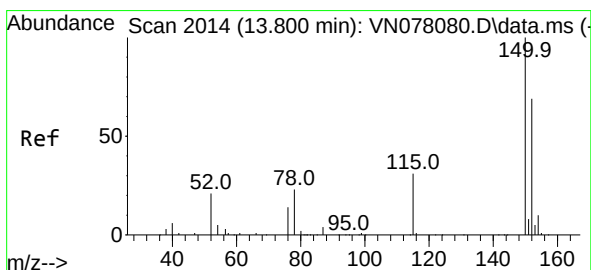
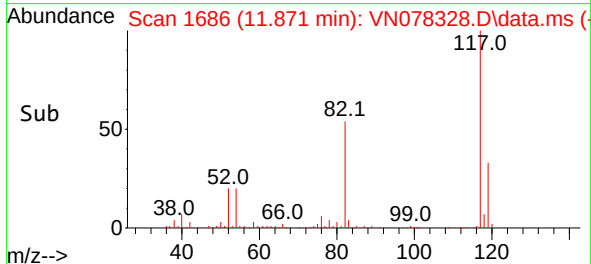
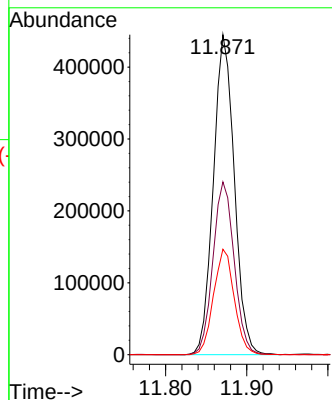
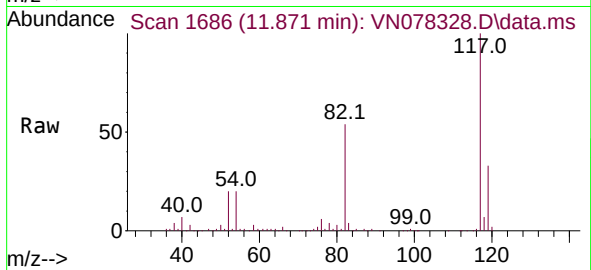
Tgt Ion:117 Resp: 798605

Ion Ratio Lower Upper

117 100

82 54.0 44.0 66.0

119 33.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078328.D

Acq: 21 Jun 2023 17:35

Tgt Ion:152 Resp: 248627

Ion Ratio Lower Upper

152 100

115 61.2 32.3 96.8

150 158.0 0.0 355.8

