

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078330.D
 Acq On : 21 Jun 2023 18:23
 Operator : JC\MD
 Sample : 03336-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Jun 22 04:53:27 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)

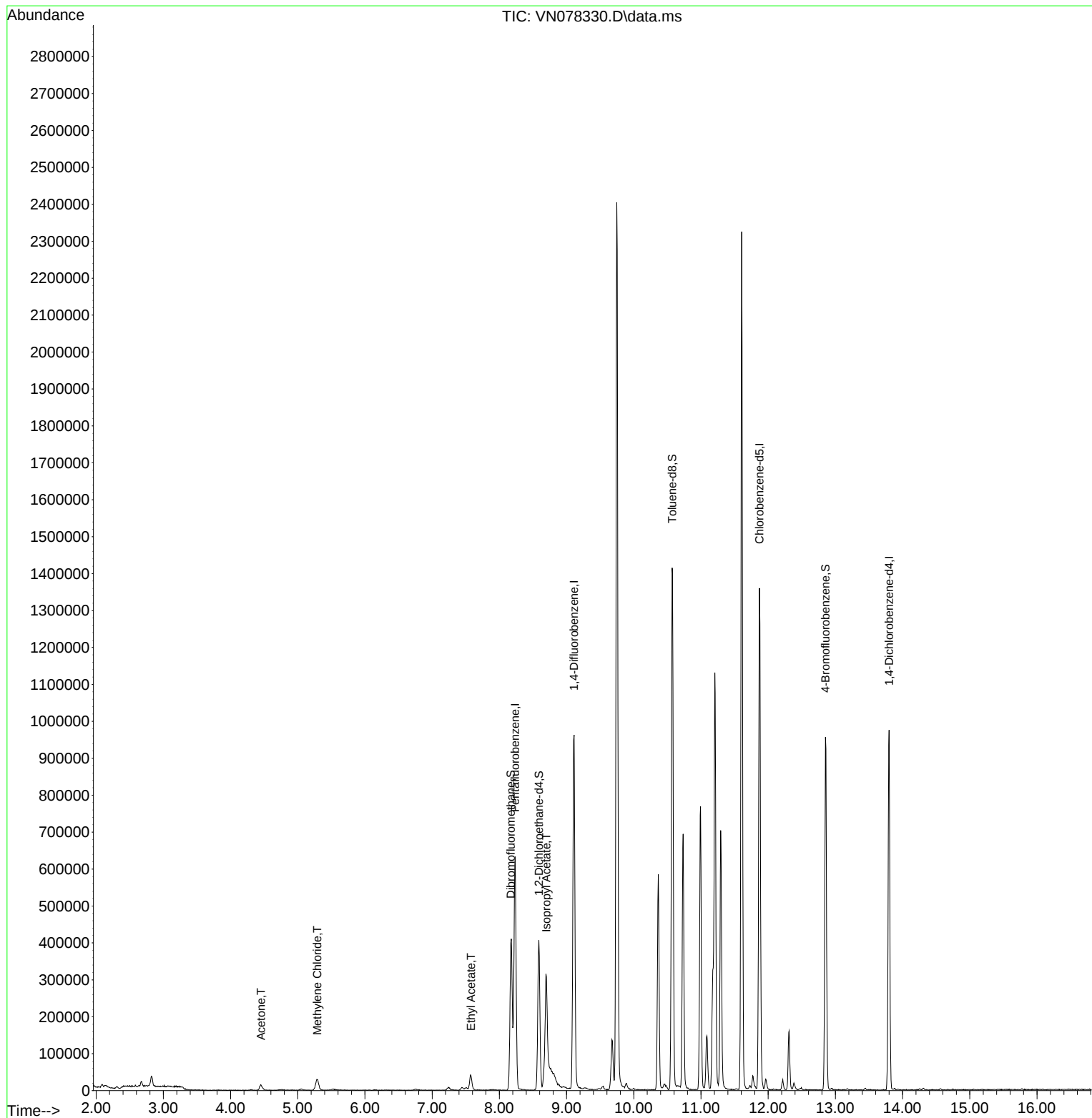
Internal Standards						
1) Pentafluorobenzene	8.235	168	448594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	872487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	810550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	268052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	329174	55.035	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.080%	
35) Dibromofluoromethane	8.171	113	299510	54.292	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	108.580%	
50) Toluene-d8	10.570	98	1043984	49.089	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	98.180%	
62) 4-Bromofluorobenzene	12.853	95	343040	51.886	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	103.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	27922	16.219	ug/l #	84
20) Methylene Chloride	5.288	84	24261	4.264	ug/l	92
37) Ethyl Acetate	7.577	43	60679	9.816	ug/l #	96
43) Isopropyl Acetate	8.700	43	439632	37.188	ug/l #	73

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

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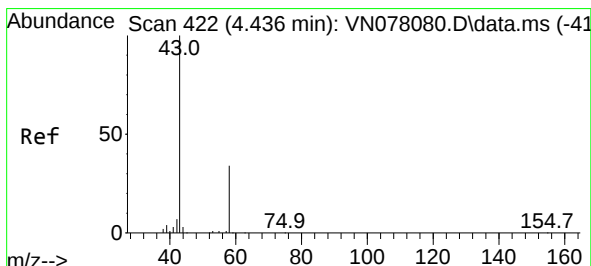
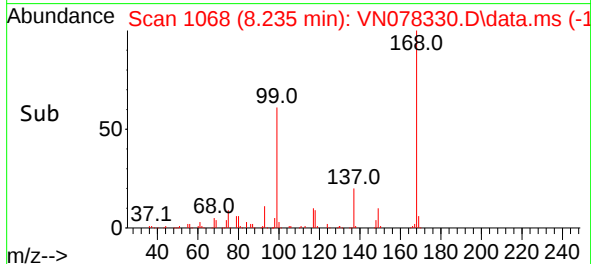
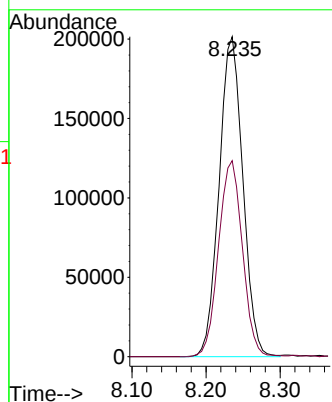
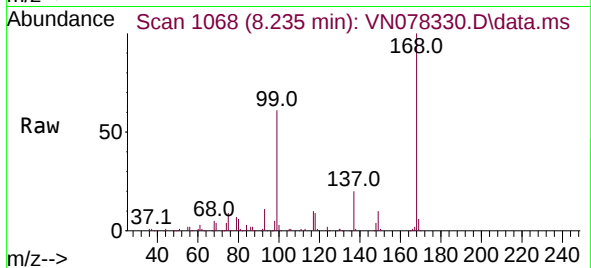




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078330.D
Acq: 21 Jun 2023 18:23

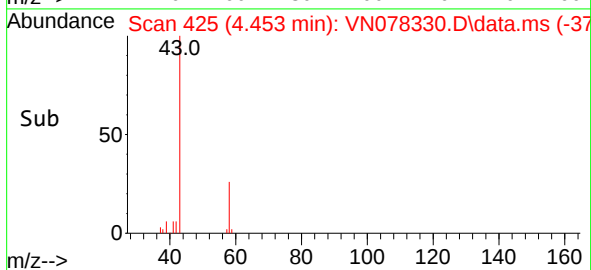
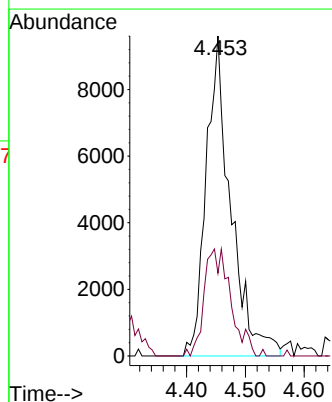
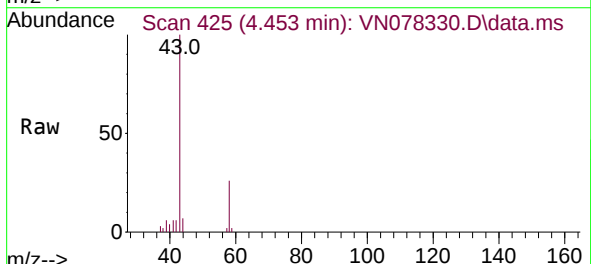
Instrument :
MSVOA_N
ClientSampleId :
WC-1

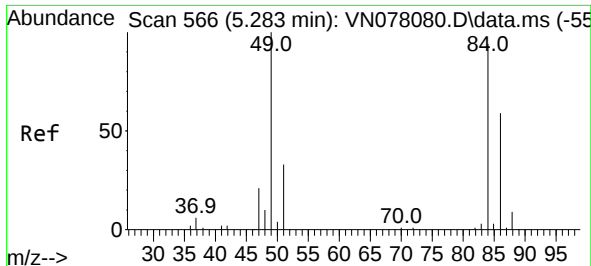
Tgt Ion:168 Resp: 448594
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#16
Acetone
Concen: 16.219 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078330.D
Acq: 21 Jun 2023 18:23

Tgt Ion: 43 Resp: 27922
Ion Ratio Lower Upper
43 100
58 25.9 28.0 42.0#

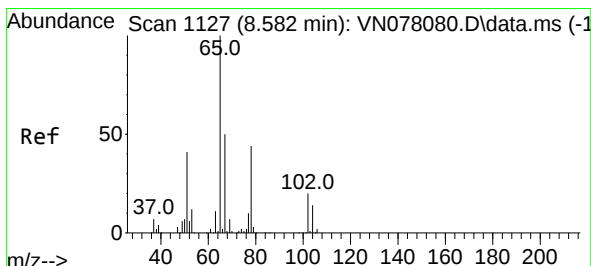
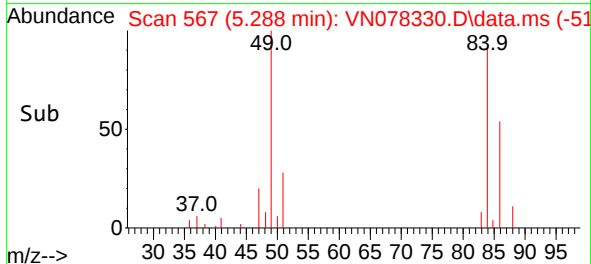
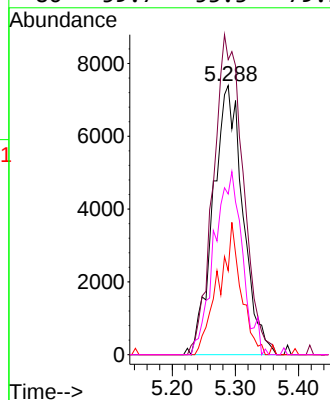
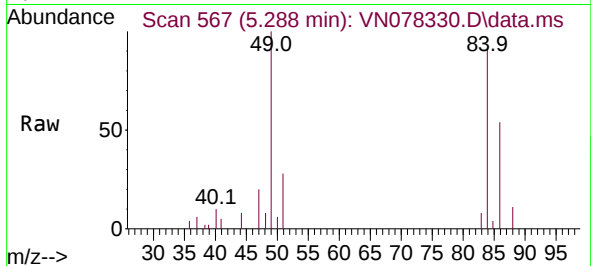




#20
Methylene Chloride
Concen: 4.264 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078330.D
Acq: 21 Jun 2023 18:23

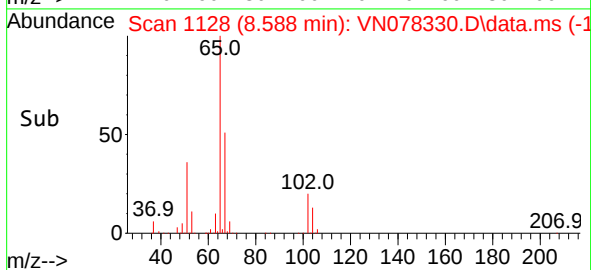
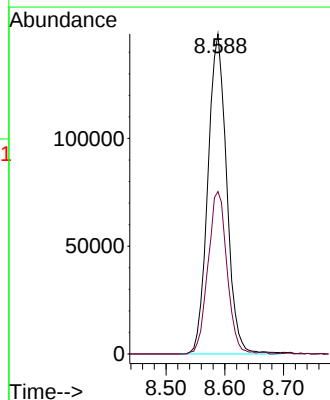
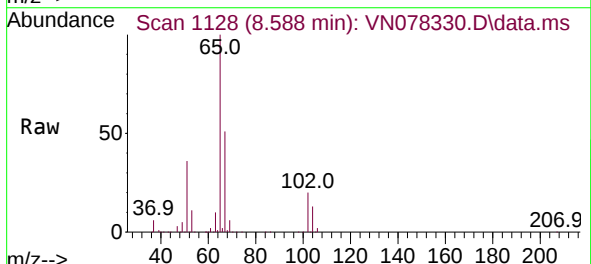
Instrument :
MSVOA_N
ClientSampleId :
WC-1

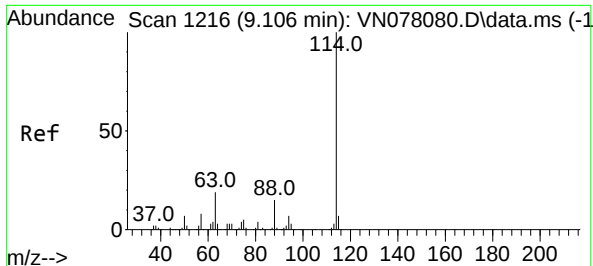
Tgt Ion:	84	Resp:	24261
Ion	Ratio	Lower	Upper
84	100		
49	109.6	79.7	119.5
51	31.2	25.2	37.8
86	59.7	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 55.035 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078330.D
Acq: 21 Jun 2023 18:23

Tgt Ion:	65	Resp:	329174
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078330.D

Acq: 21 Jun 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

WC-1

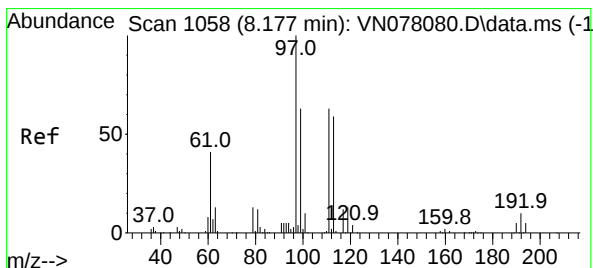
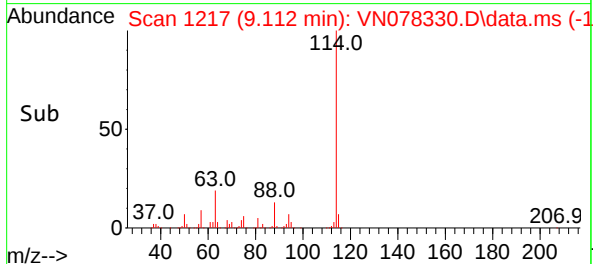
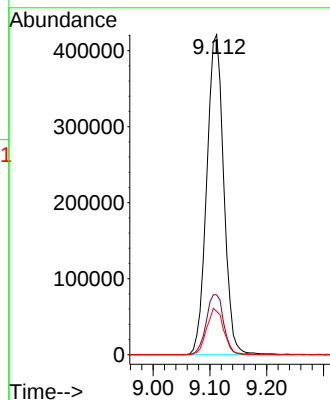
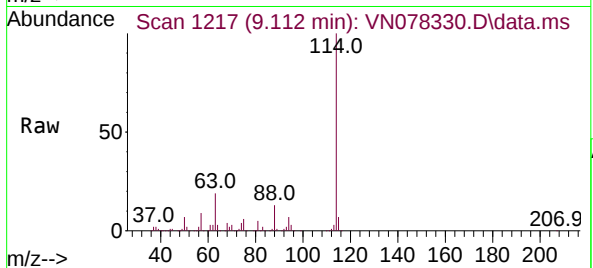
Tgt Ion:114 Resp: 872487

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.292 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078330.D

Acq: 21 Jun 2023 18:23

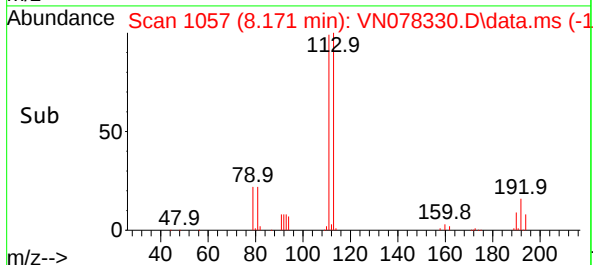
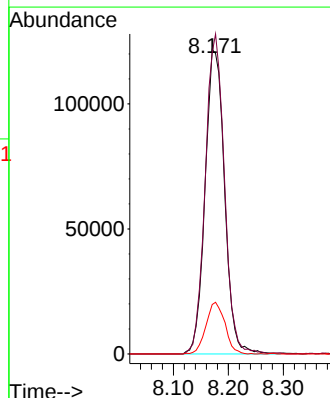
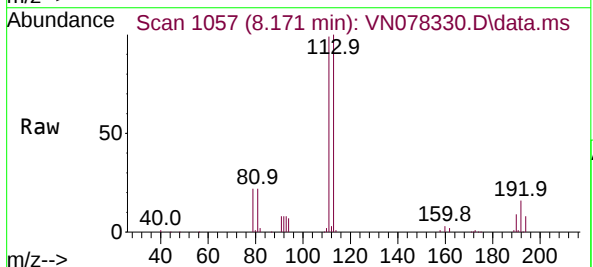
Tgt Ion:113 Resp: 299510

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 16.6 12.7 19.1

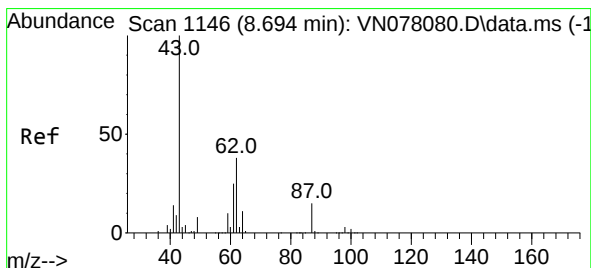
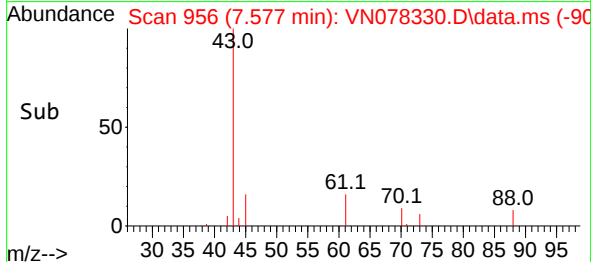
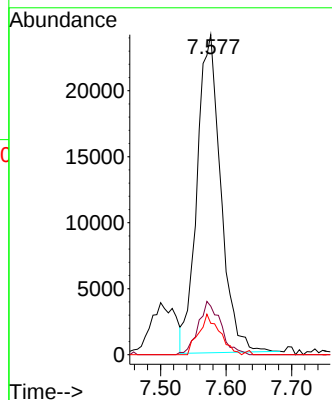
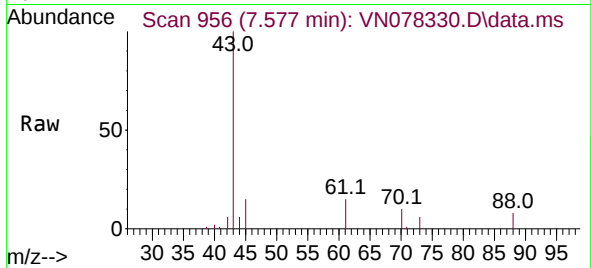




#37
Ethyl Acetate
Concen: 9.816 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078330.D
Acq: 21 Jun 2023 18:23

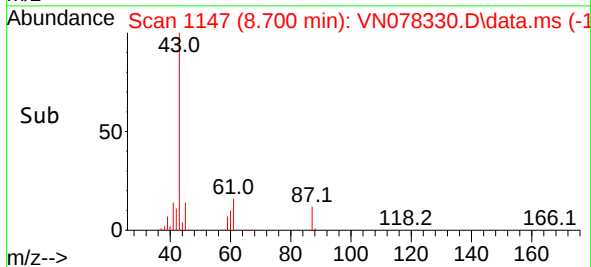
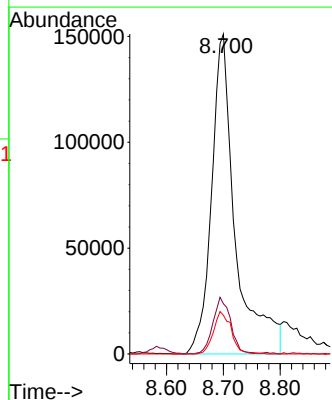
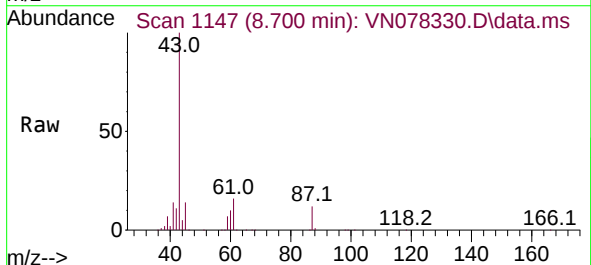
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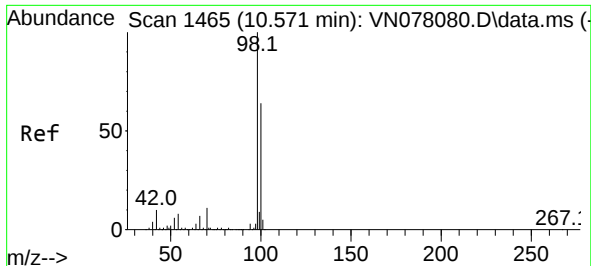
Tgt Ion: 43 Resp: 60679
Ion Ratio Lower Upper
43 100
61 16.0 13.2 19.8
70 11.2 11.3 16.9#



#43
Isopropyl Acetate
Concen: 37.188 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078330.D
Acq: 21 Jun 2023 18:23

Tgt Ion: 43 Resp: 439632
Ion Ratio Lower Upper
43 100
61 13.2 24.7 37.1#
87 9.8 14.6 21.8#

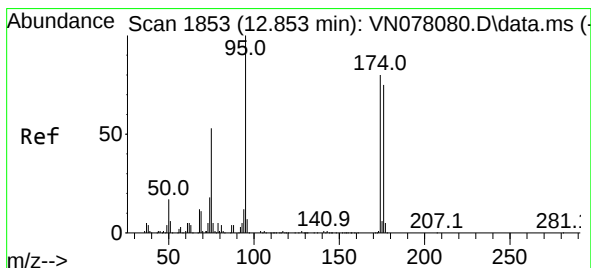
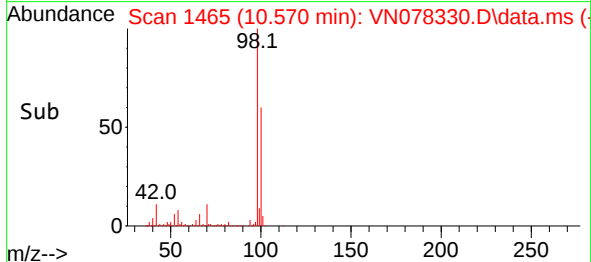
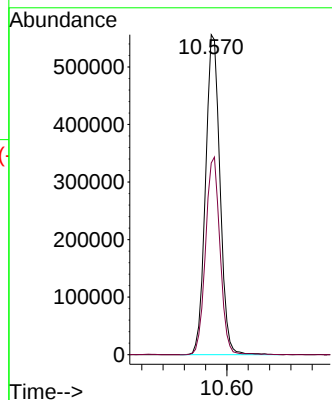
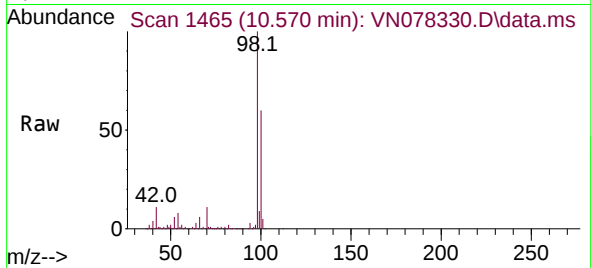




#50
Toluene-d8
Concen: 49.089 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078330.D
Acq: 21 Jun 2023 18:23

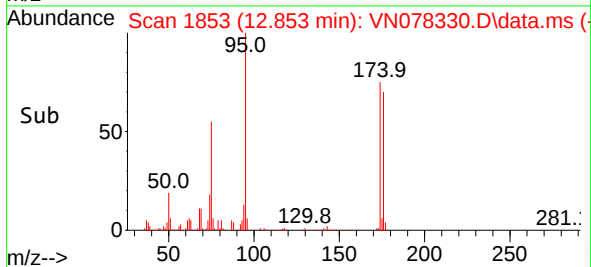
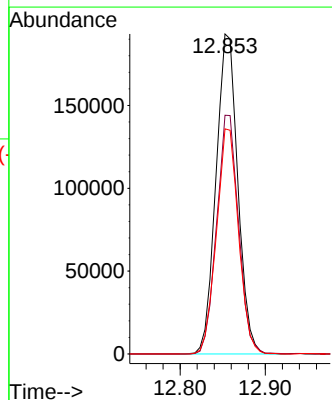
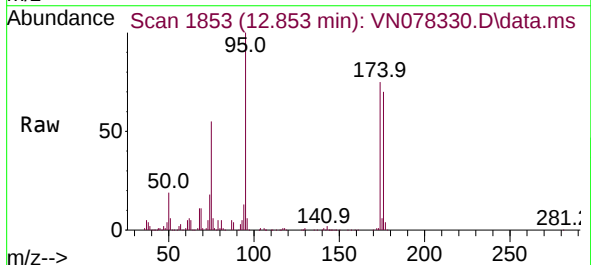
Instrument :
MSVOA_N
ClientSampleId :
WC-1

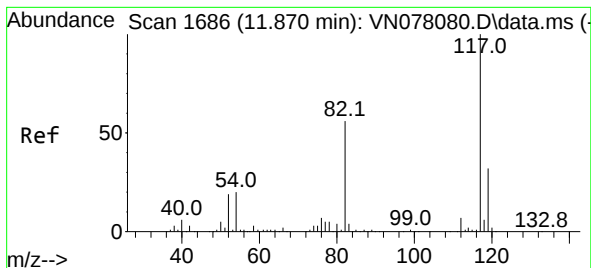
Tgt Ion: 98 Resp: 1043984
Ion Ratio Lower Upper
98 100
100 61.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.886 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078330.D
Acq: 21 Jun 2023 18:23

Tgt Ion: 95 Resp: 343040
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 71.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078330.D

Acq: 21 Jun 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

WC-1

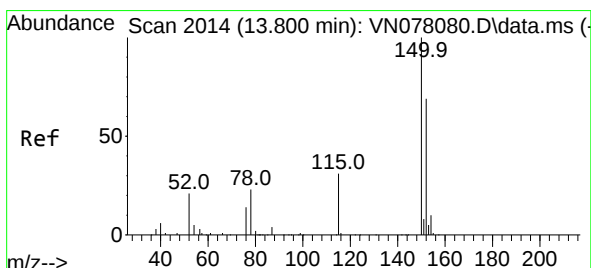
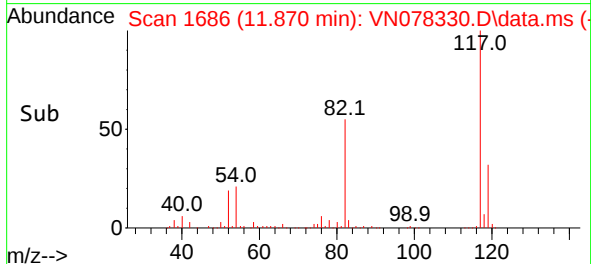
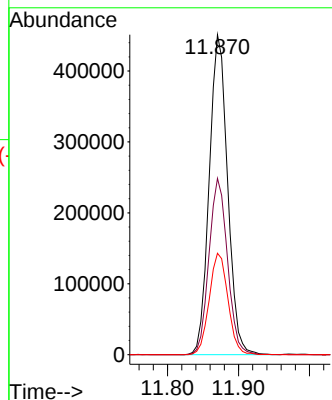
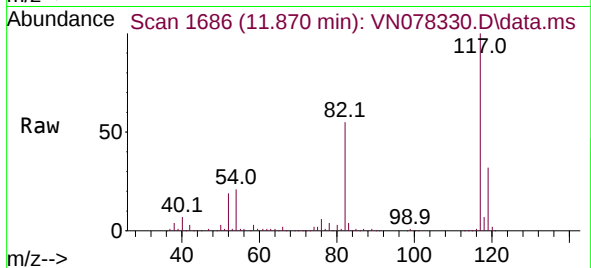
Tgt Ion:117 Resp: 810550

Ion Ratio Lower Upper

117 100

82 55.1 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: VN078330.D

Acq: 21 Jun 2023 18:23

Tgt Ion:152 Resp: 268052

Ion Ratio Lower Upper

152 100

115 60.0 32.3 96.8

150 154.1 0.0 355.8

