

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078329.D
 Acq On : 21 Jun 2023 17:59
 Operator : JC\MD
 Sample : 03336-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2

Quant Time: Jun 22 04:53:03 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)

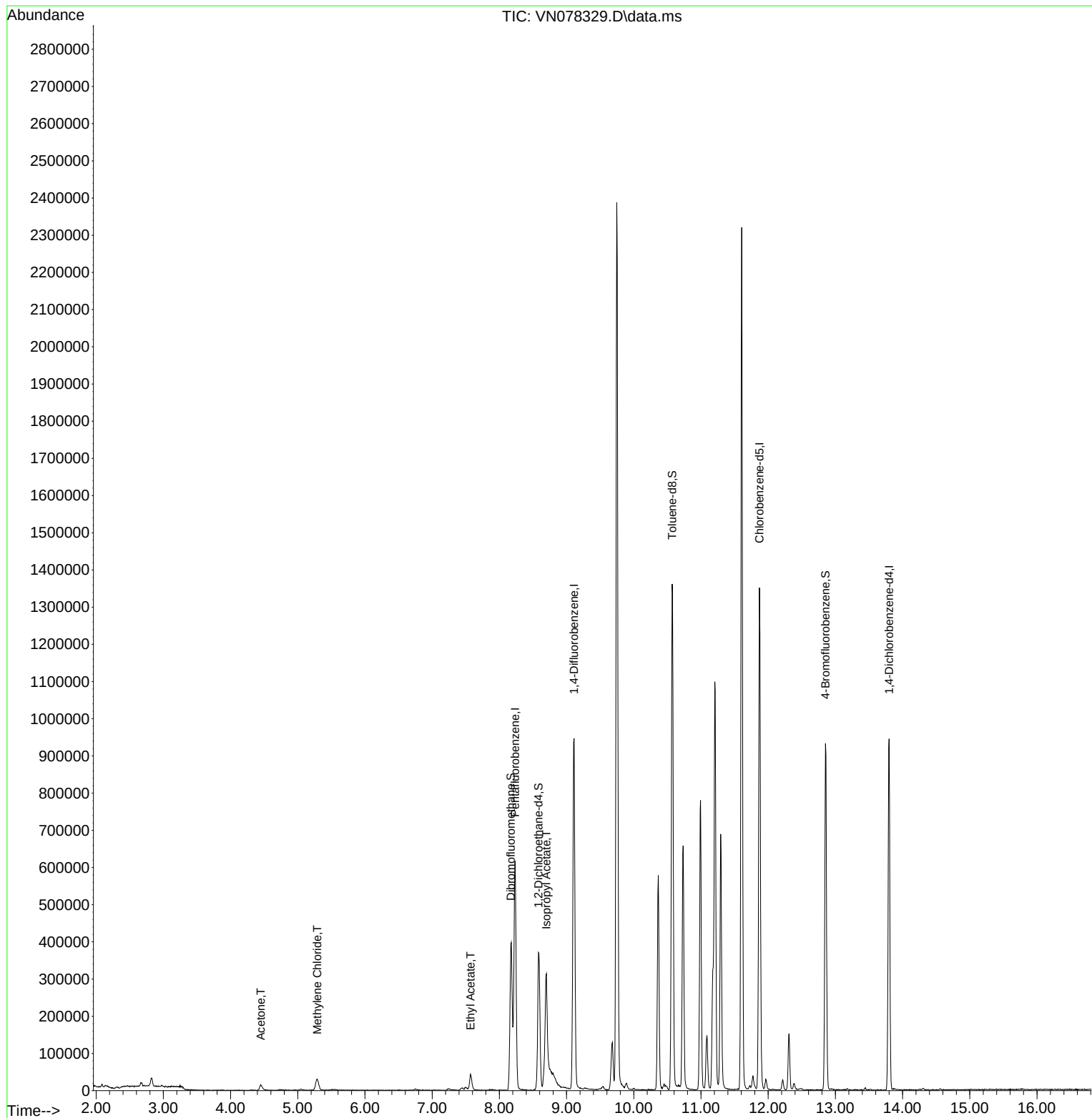
Internal Standards						
1) Pentafluorobenzene	8.235	168	440018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	843326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	796882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	262283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	312916	53.337	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.680%		
35) Dibromofluoromethane	8.171	113	290370	54.456	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.920%		
50) Toluene-d8	10.571	98	1001740	48.731	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.460%		
62) 4-Bromofluorobenzene	12.853	95	336906	52.720	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.440%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	25727	15.235	ug/l	99
20) Methylene Chloride	5.289	84	24433	4.378	ug/l #	87
37) Ethyl Acetate	7.571	43	60253	10.084	ug/l	95
43) Isopropyl Acetate	8.700	43	419394	36.702	ug/l #	74

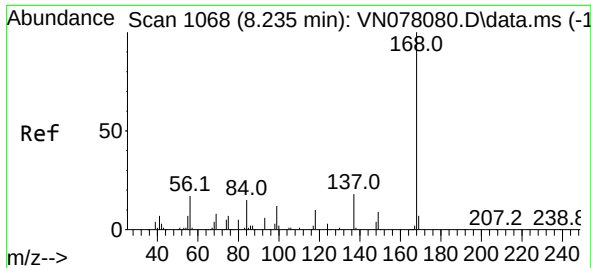
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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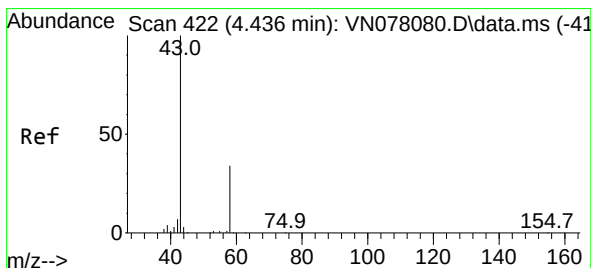
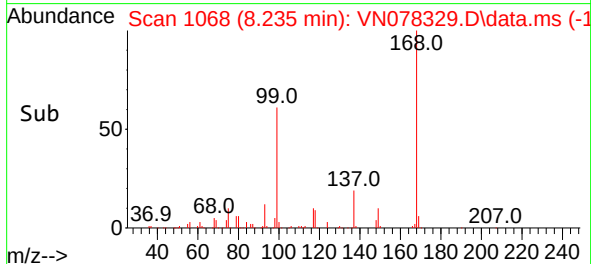
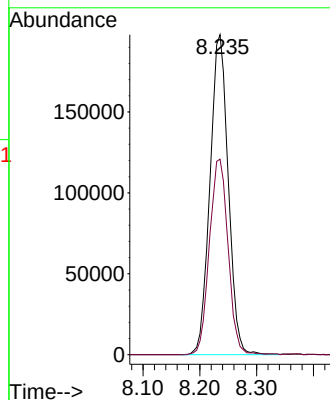
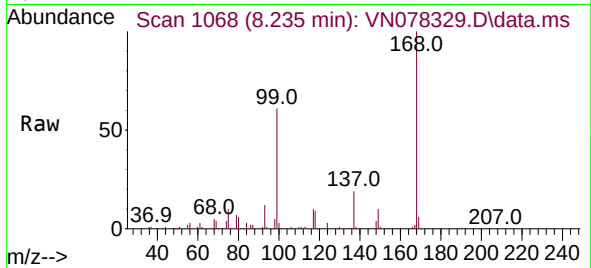




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078329.D
Acq: 21 Jun 2023 17:59

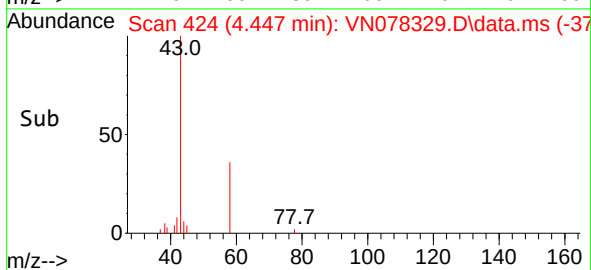
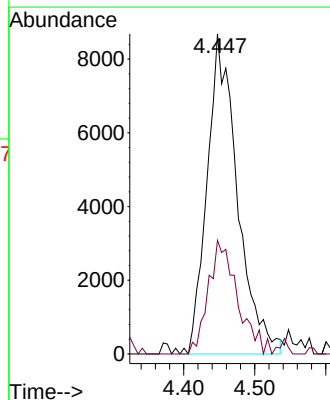
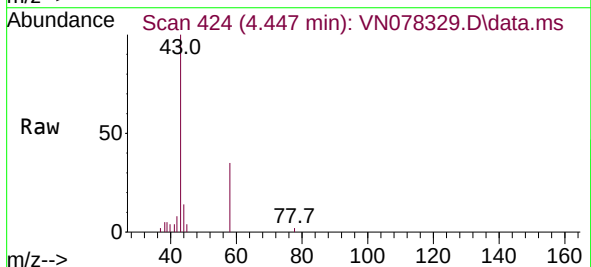
Instrument :
MSVOA_N
ClientSampleId :
WC-2

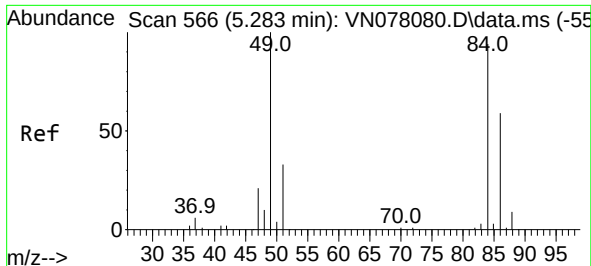
Tgt Ion:168 Resp: 440018
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#16
Acetone
Concen: 15.235 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078329.D
Acq: 21 Jun 2023 17:59

Tgt Ion: 43 Resp: 25727
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0

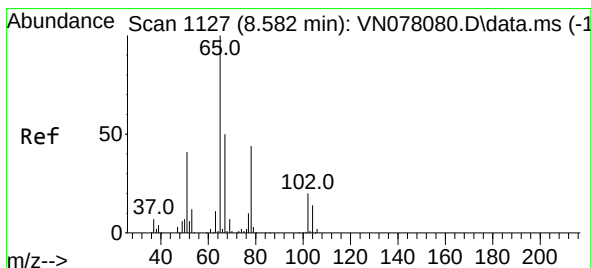
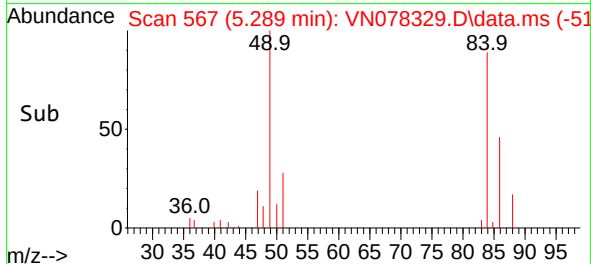
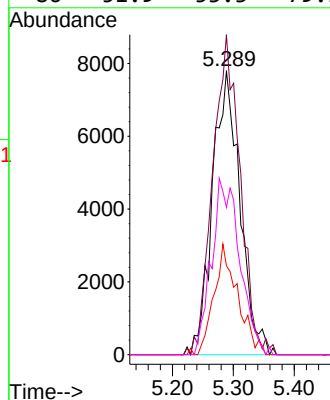
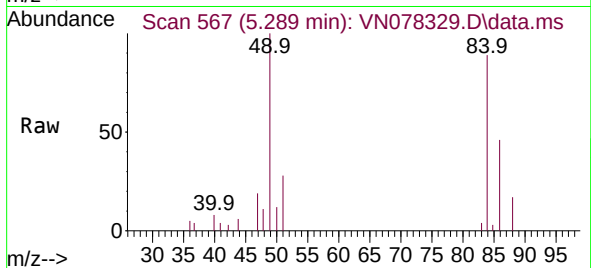




#20
Methylene Chloride
Concen: 4.378 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078329.D
Acq: 21 Jun 2023 17:59

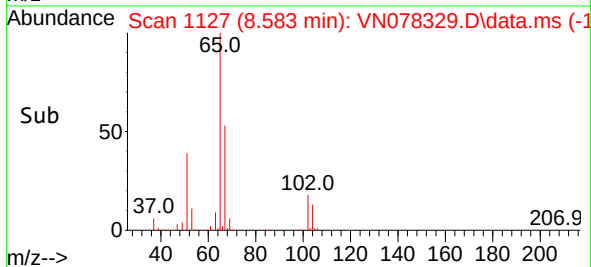
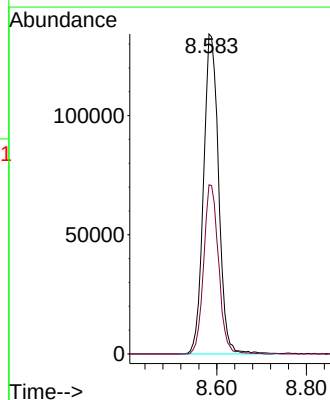
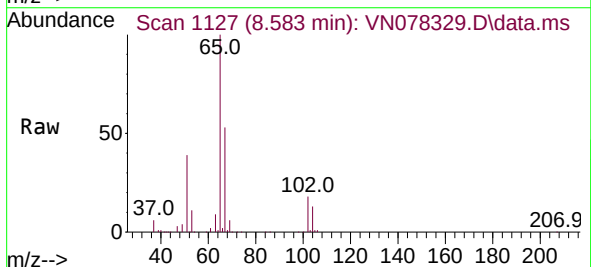
Instrument :
MSVOA_N
ClientSampleId :
WC-2

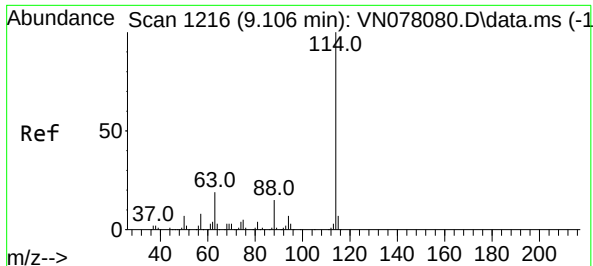
Tgt Ion:	84	Resp:	24433
Ion	Ratio	Lower	Upper
84	100		
49	112.6	79.7	119.5
51	31.3	25.2	37.8
86	51.9	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 53.337 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078329.D
Acq: 21 Jun 2023 17:59

Tgt Ion:	65	Resp:	312916
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: VN078329.D

Acq: 21 Jun 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

WC-2

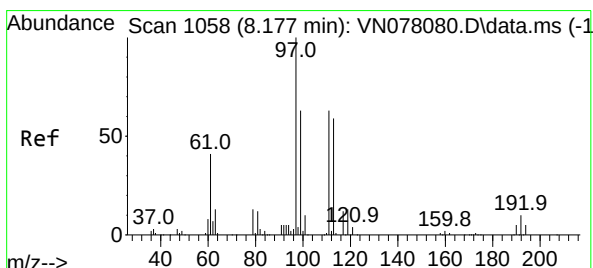
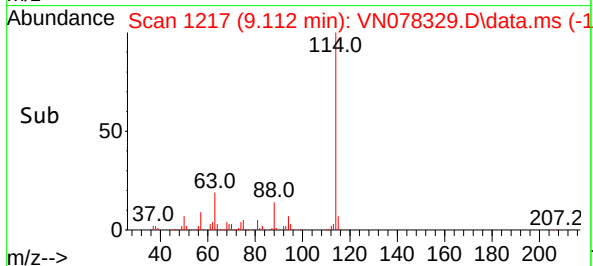
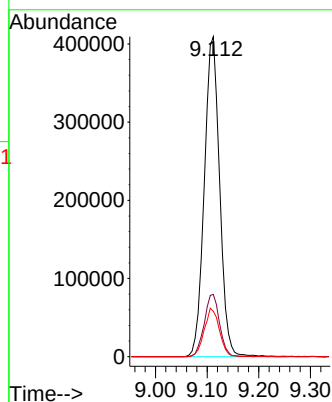
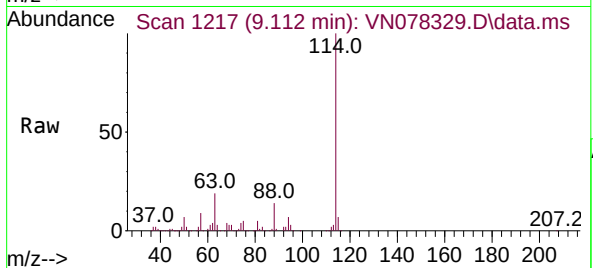
Tgt Ion:114 Resp: 843326

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.456 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078329.D

Acq: 21 Jun 2023 17:59

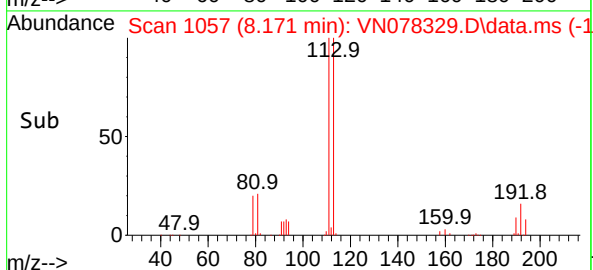
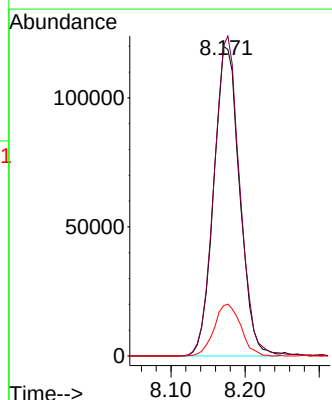
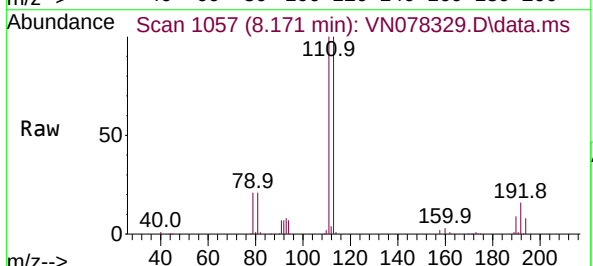
Tgt Ion:113 Resp: 290370

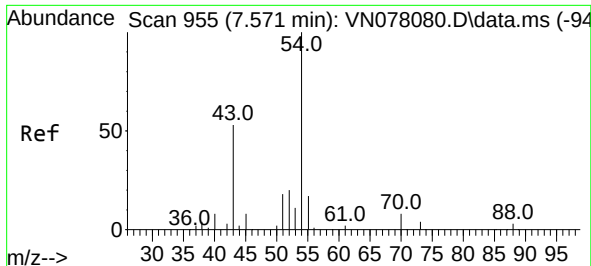
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 17.2 12.7 19.1

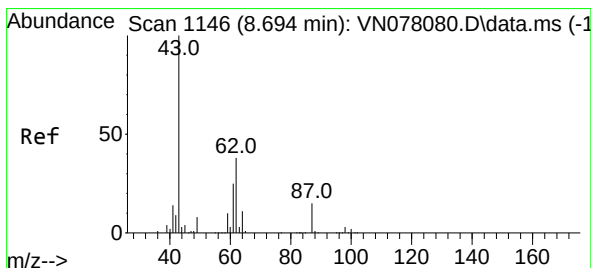
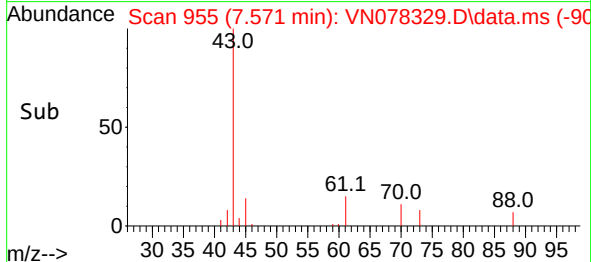
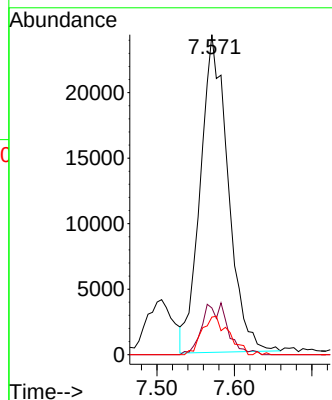
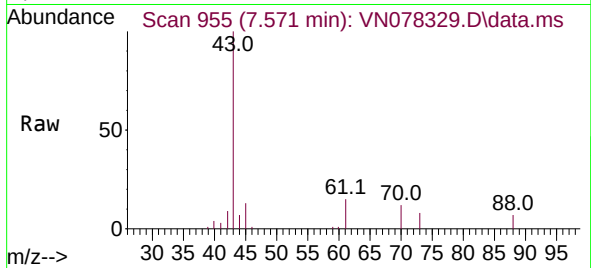




#37
Ethyl Acetate
Concen: 10.084 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078329.D
Acq: 21 Jun 2023 17:59

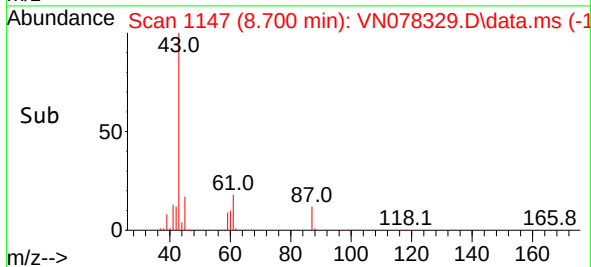
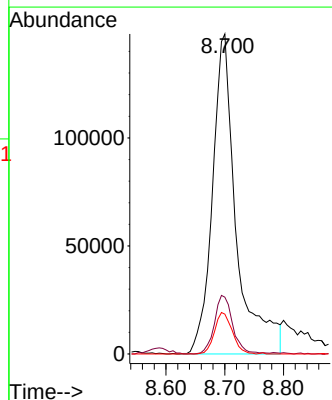
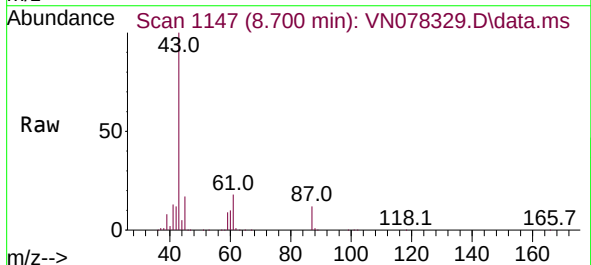
Instrument :
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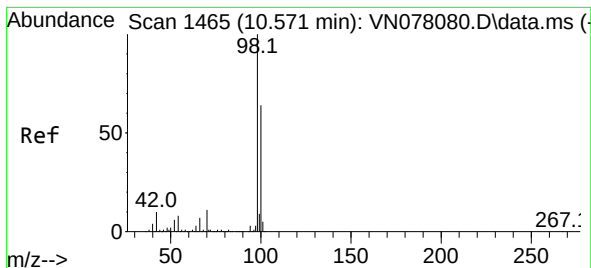
Tgt Ion:	43	Resp:	60253
Ion	Ratio	Lower	Upper
43	100		
61	15.0	13.2	19.8
70	11.6	11.3	16.9



#43
Isopropyl Acetate
Concen: 36.702 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078329.D
Acq: 21 Jun 2023 17:59

Tgt Ion:	43	Resp:	419394
Ion	Ratio	Lower	Upper
43	100		
61	14.1	24.7	37.1#
87	9.6	14.6	21.8#





#50

Toluene-d8

Concen: 48.731 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078329.D

Acq: 21 Jun 2023 17:59

Instrument :

MSVOA_N

ClientSampleId :

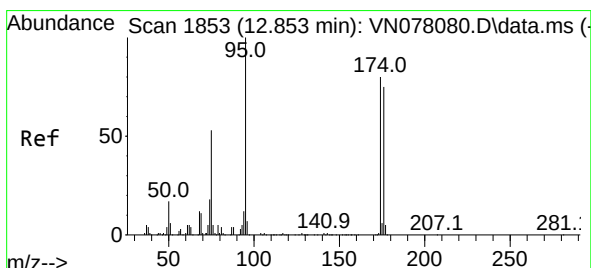
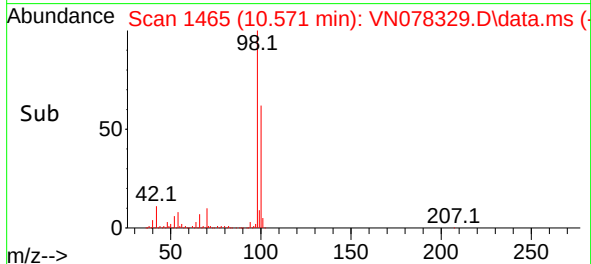
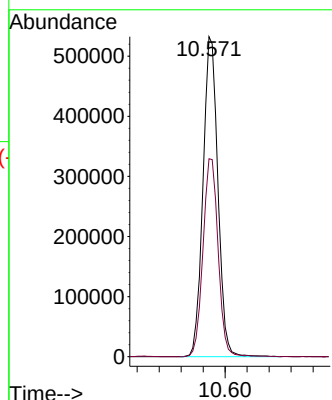
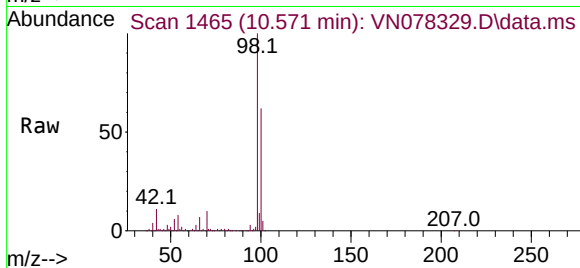
WC-2

Tgt Ion: 98 Resp: 1001740

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.720 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078329.D

Acq: 21 Jun 2023 17:59

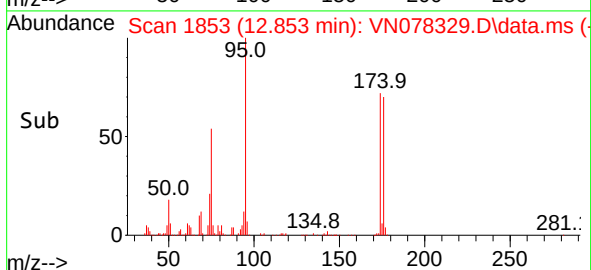
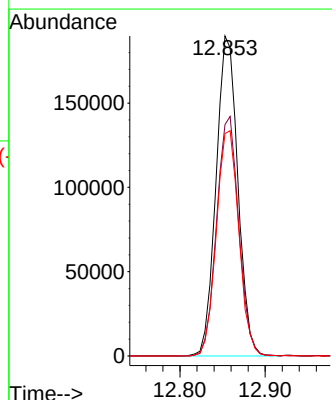
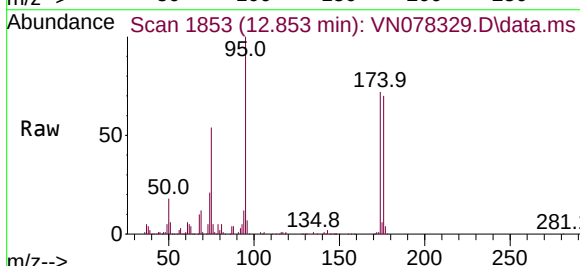
Tgt Ion: 95 Resp: 336906

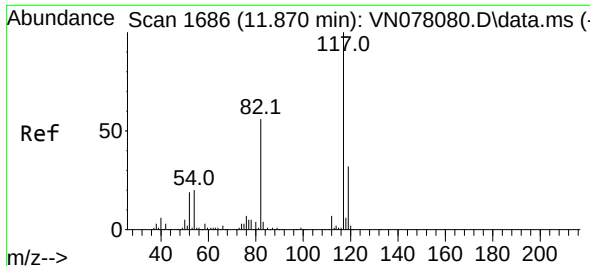
Ion Ratio Lower Upper

95 100

174 76.2 0.0 143.8

176 72.4 0.0 135.8

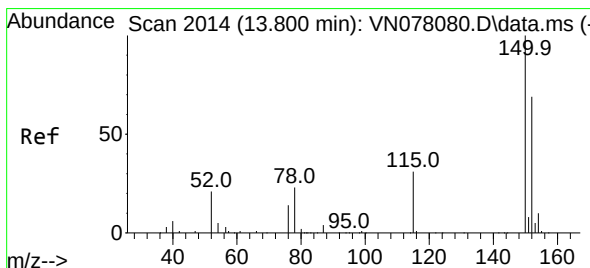
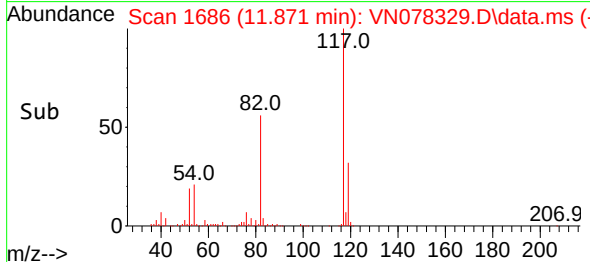
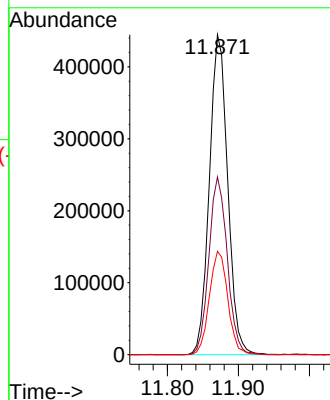
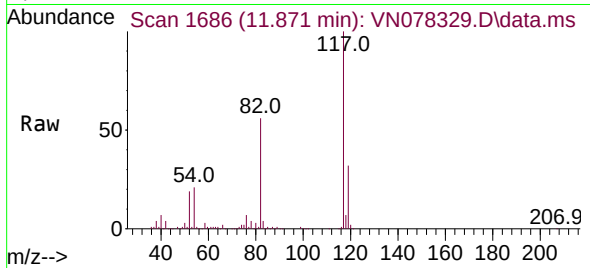




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078329.D
Acq: 21 Jun 2023 17:59

Instrument :
MSVOA_N
ClientSampleId :
WC-2

Tgt Ion:117 Resp: 796882
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.3 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: VN078329.D
Acq: 21 Jun 2023 17:59

Tgt Ion:152 Resp: 262283
Ion Ratio Lower Upper
152 100
115 59.1 32.3 96.8
150 156.6 0.0 355.8

