

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078340.D
 Acq On : 21 Jun 2023 22:23
 Operator : JC\MD
 Sample : 03357-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SCAN-03-G

Quant Time: Jun 22 04:57:53 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)

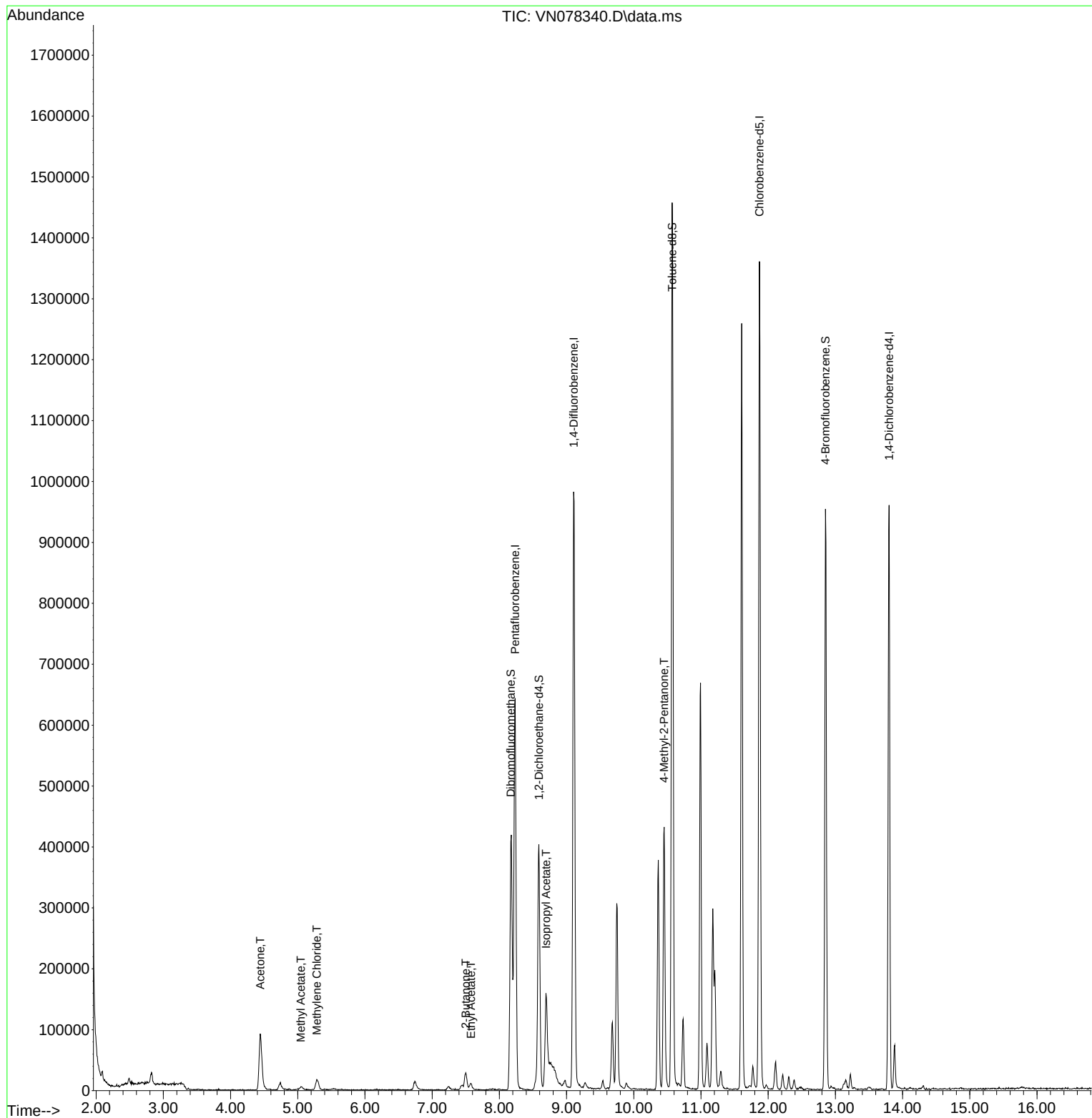
Internal Standards						
1) Pentafluorobenzene	8.235	168	454759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	876859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	804330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	259198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	333007	54.921	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.840%	
35) Dibromofluoromethane	8.171	113	303711	54.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.560%	
50) Toluene-d8	10.571	98	1047510	49.009	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.020%	
62) 4-Bromofluorobenzene	12.853	95	333095	50.130	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	172206	98.671	ug/l	93
18) Methyl Acetate	5.047	43	10194	1.269	ug/l #	83
20) Methylene Chloride	5.283	84	14123	2.449	ug/l #	90
25) 2-Butanone	7.500	43	43178	16.088	ug/l	97
37) Ethyl Acetate	7.577	43	15340	2.469	ug/l #	91
43) Isopropyl Acetate	8.694	43	187657	15.794	ug/l #	75
51) 4-Methyl-2-Pentanone	10.453	43	289334	46.245	ug/l	92

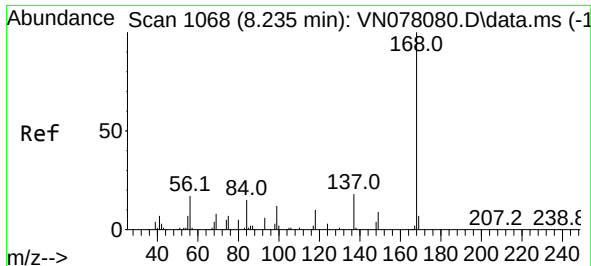
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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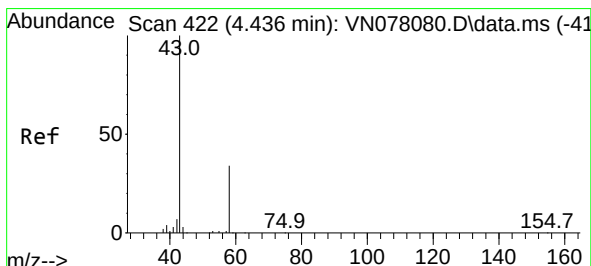
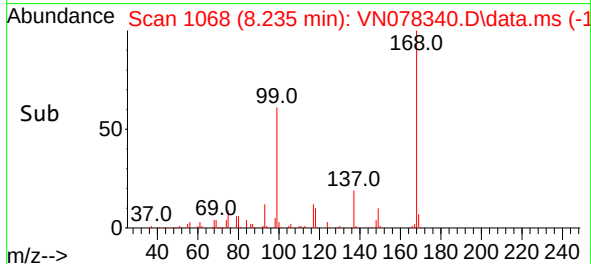
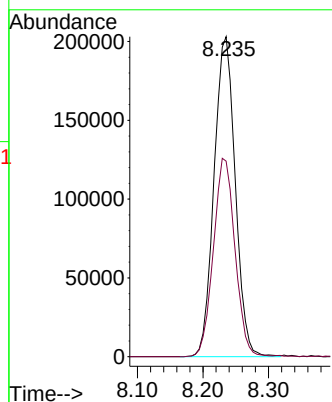
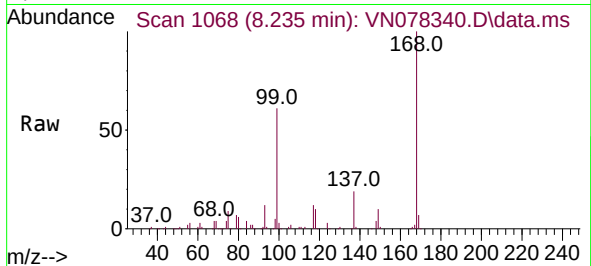




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078340.D
Acq: 21 Jun 2023 22:23

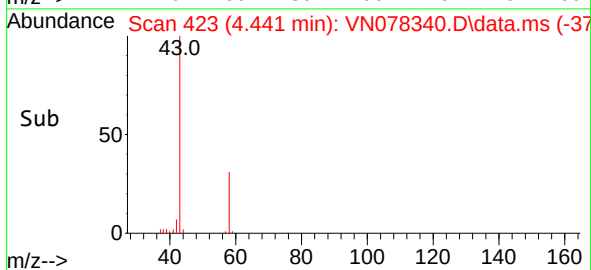
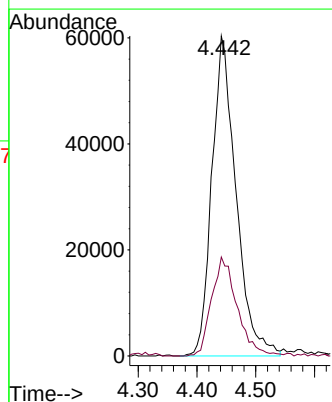
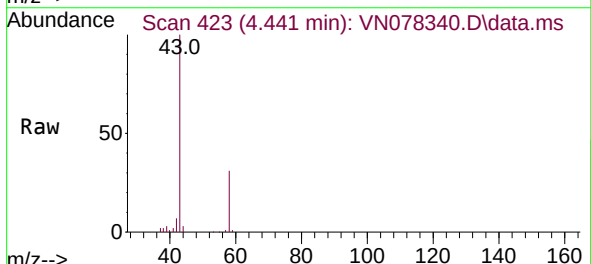
Instrument :
MSVOA_N
ClientSampleId :
WC-SCAN-03-G

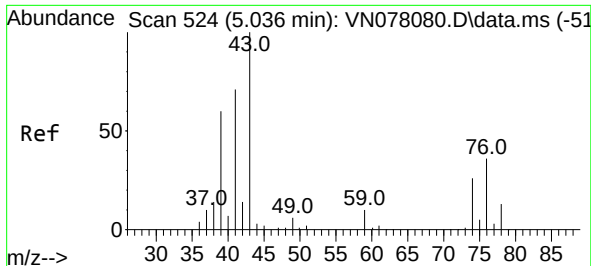
Tgt Ion:168 Resp: 454759
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#16
Acetone
Concen: 98.671 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078340.D
Acq: 21 Jun 2023 22:23

Tgt Ion: 43 Resp: 172206
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0

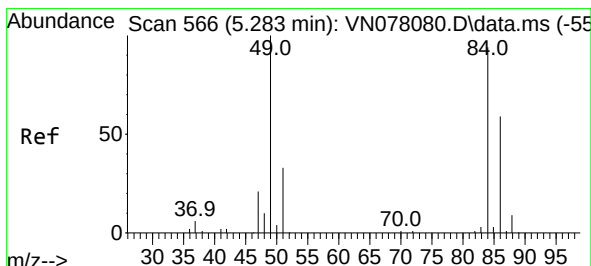
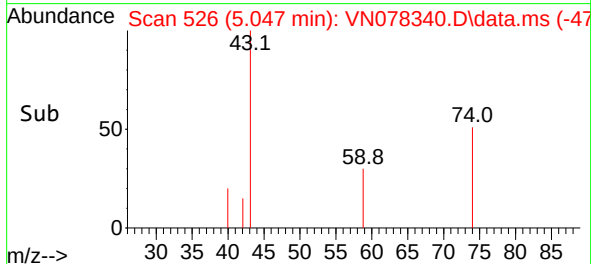
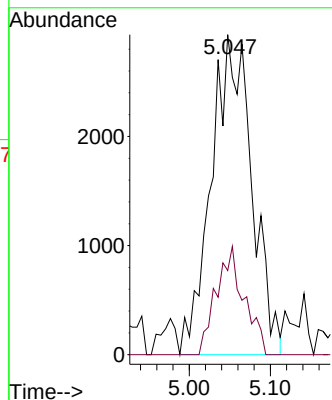
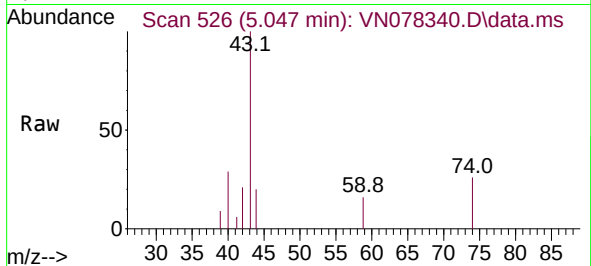




#18
Methyl Acetate
Concen: 1.269 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078340.D
Acq: 21 Jun 2023 22:23

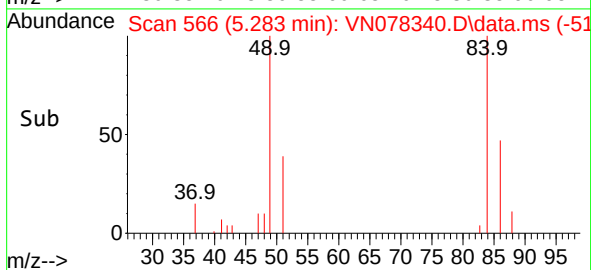
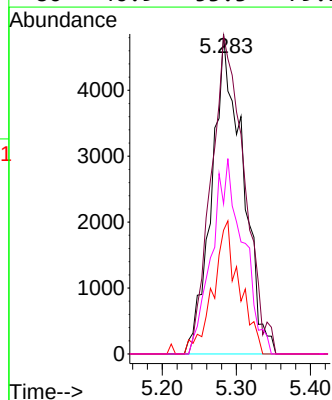
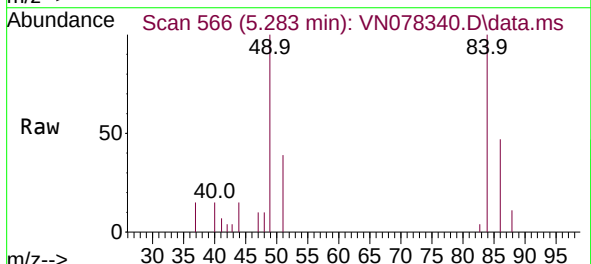
Instrument :
MSVOA_N
ClientSampleId :
WC-SCAN-03-G

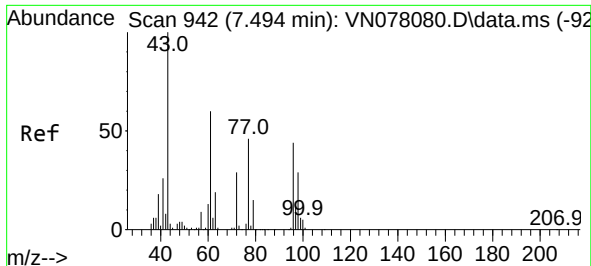
Tgt Ion: 43 Resp: 10194
Ion Ratio Lower Upper
43 100
74 23.1 26.2 39.4#



#20
Methylene Chloride
Concen: 2.449 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078340.D
Acq: 21 Jun 2023 22:23

Tgt Ion: 84 Resp: 14123
Ion Ratio Lower Upper
84 100
49 99.5 79.7 119.5
51 38.7 25.2 37.8#
86 46.9 53.3 79.9#

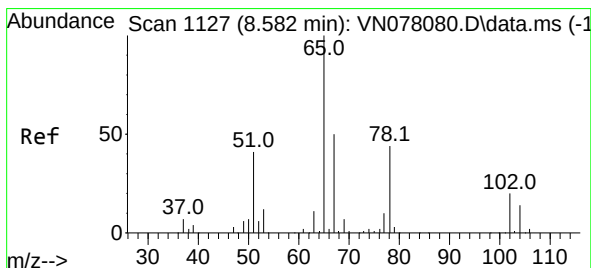
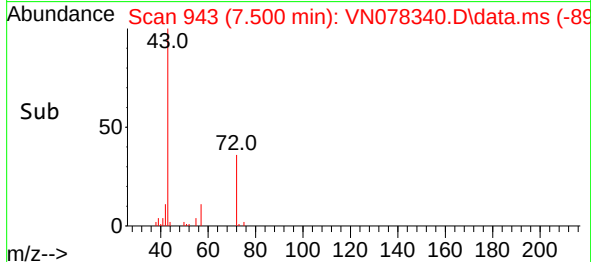
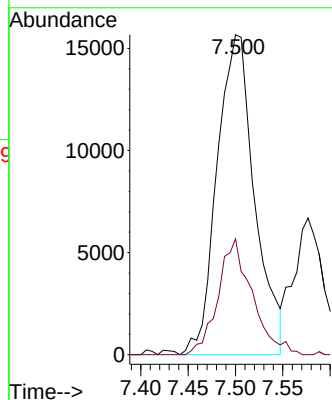
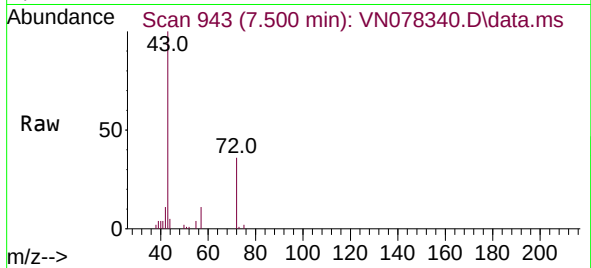




#25
2-Butanone
Concen: 16.088 ug/l
RT: 7.500 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN078340.D
Acq: 21 Jun 2023 22:23

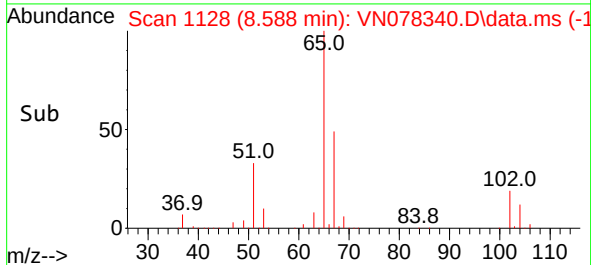
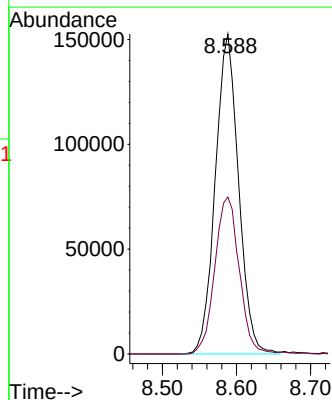
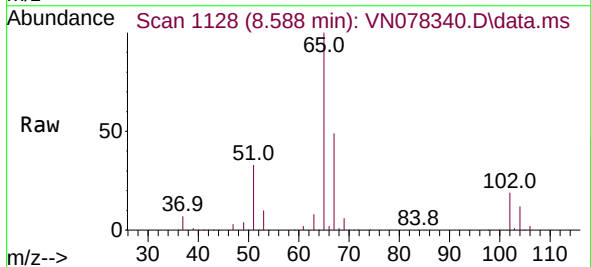
Instrument :
MSVOA_N
ClientSampleId :
WC-SCAN-03-G

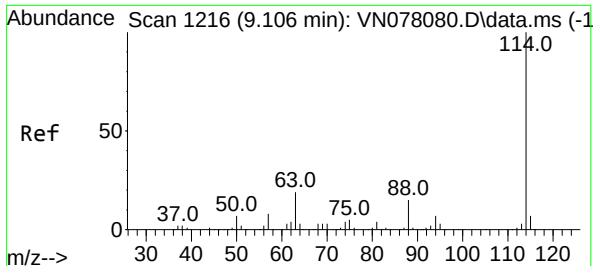
Tgt Ion: 43 Resp: 43178
Ion Ratio Lower Upper
43 100
72 36.2 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 54.921 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078340.D
Acq: 21 Jun 2023 22:23

Tgt Ion: 65 Resp: 333007
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078340.D

Acq: 21 Jun 2023 22:23

Instrument :

MSVOA_N

ClientSampleId :

WC-SCAN-03-G

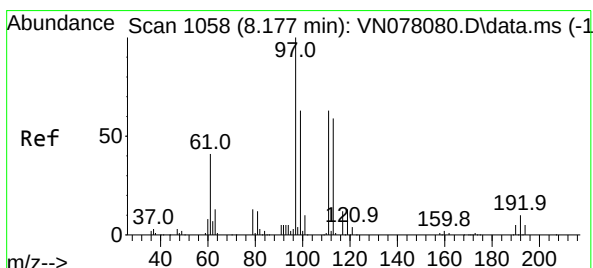
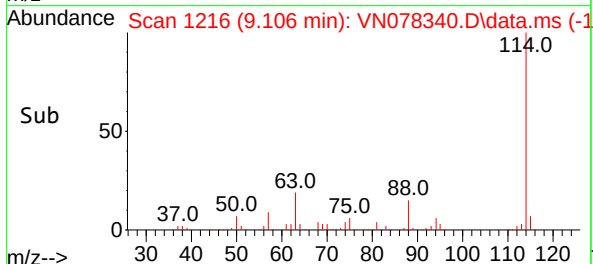
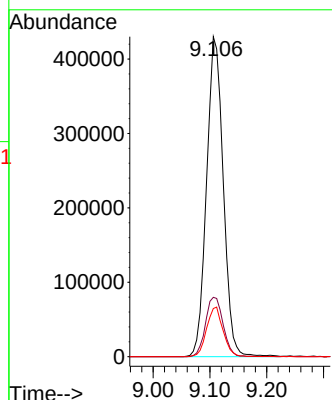
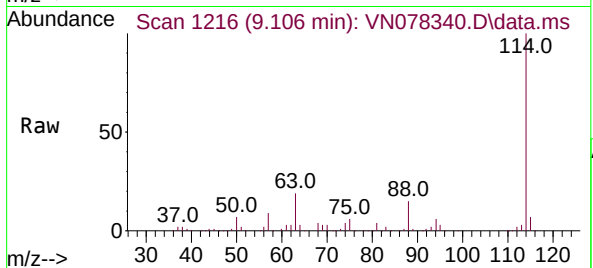
Tgt Ion:114 Resp: 876859

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.779 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078340.D

Acq: 21 Jun 2023 22:23

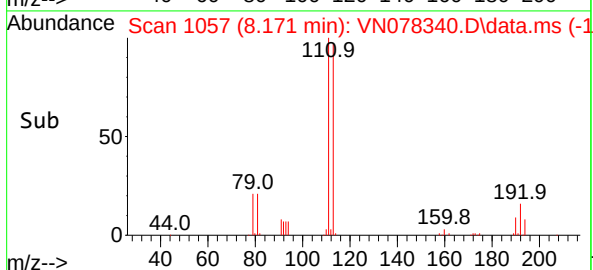
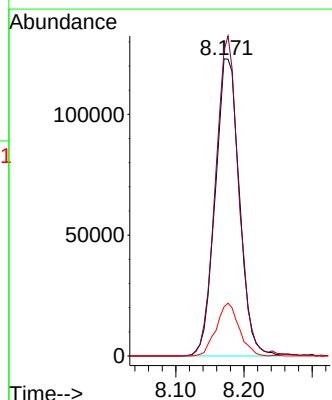
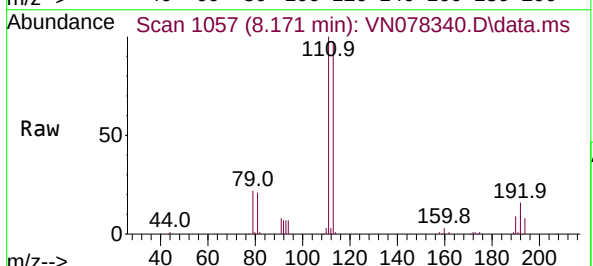
Tgt Ion:113 Resp: 303711

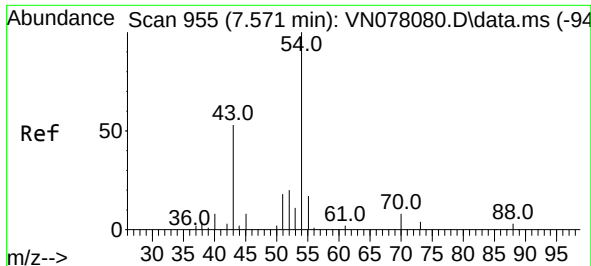
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 16.9 12.7 19.1





#37

Ethyl Acetate

Concen: 2.469 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078340.D

Acq: 21 Jun 2023 22:23

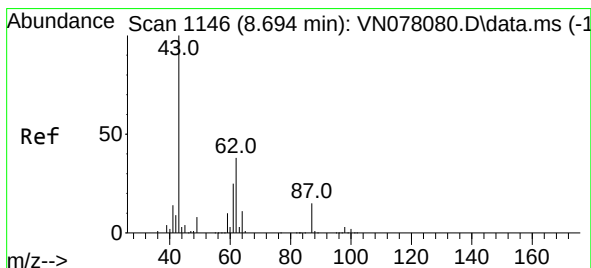
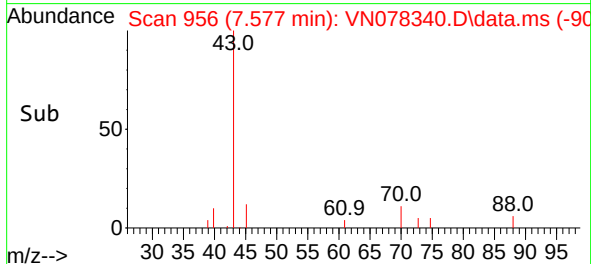
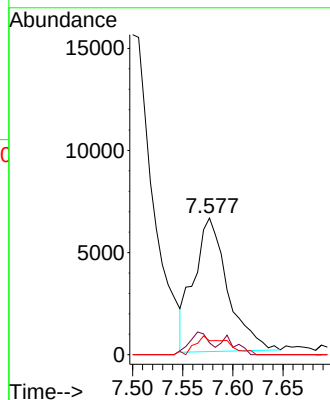
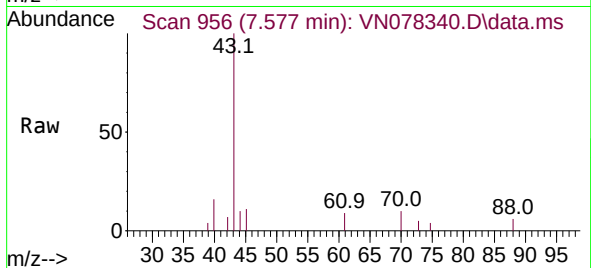
Instrument :

MSVOA_N

ClientSampleId :

WC-SCAN-03-G

Tgt Ion: 43	Resp:	15340
Ion	Ratio	Lower Upper
43	100	
61	10.1	13.2 19.8#
70	13.3	11.3 16.9



#43

Isopropyl Acetate

Concen: 15.794 ug/l

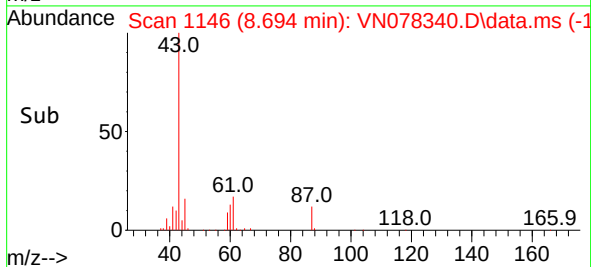
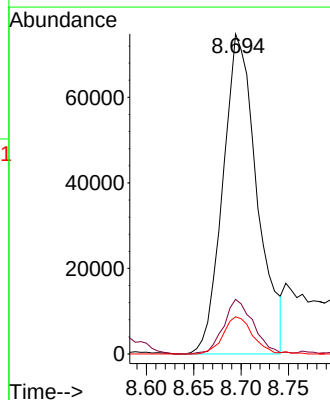
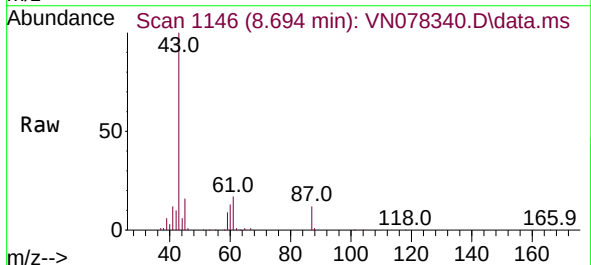
RT: 8.694 min Scan# 1146

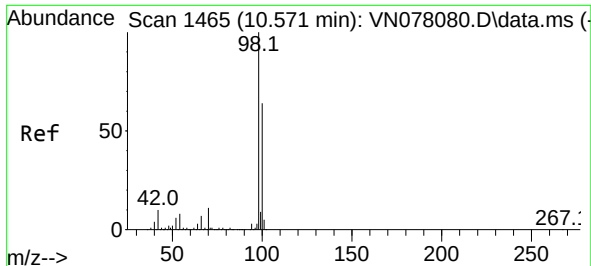
Delta R.T. -0.000 min

Lab File: VN078340.D

Acq: 21 Jun 2023 22:23

Tgt Ion: 43	Resp:	187657
Ion	Ratio	Lower Upper
43	100	
61	14.9	24.7 37.1#
87	9.9	14.6 21.8#

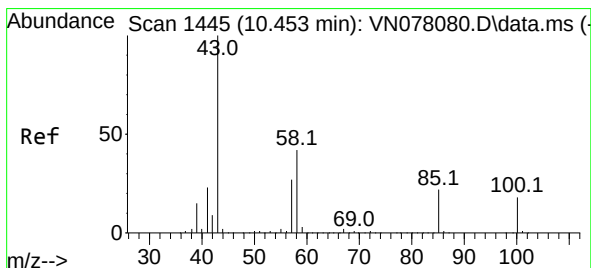
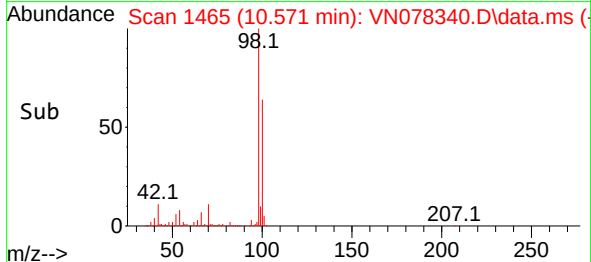
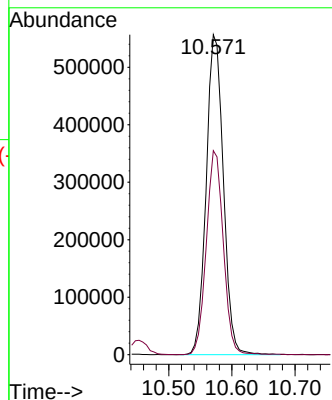
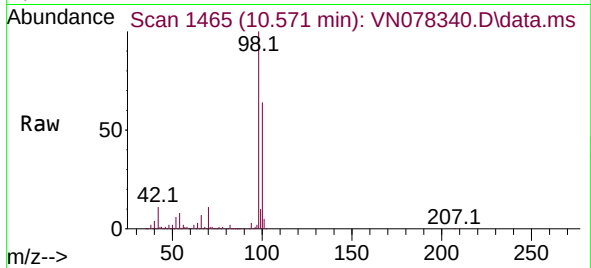




#50
Toluene-d8
Concen: 49.009 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078340.D
Acq: 21 Jun 2023 22:23

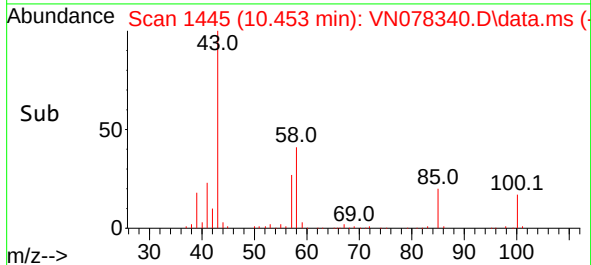
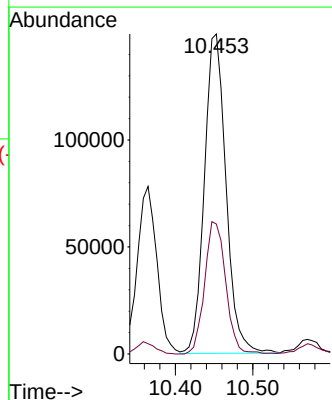
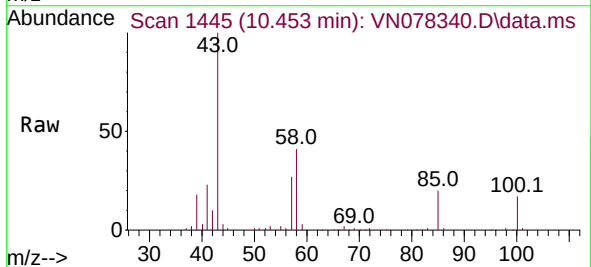
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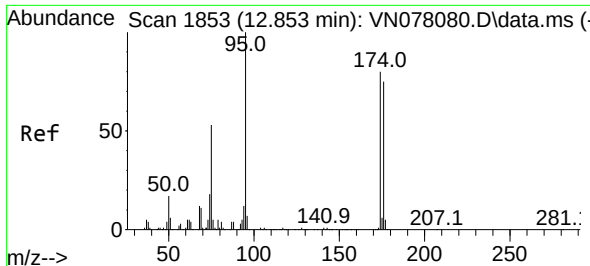
Tgt Ion: 98 Resp: 1047510
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 46.245 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078340.D
Acq: 21 Jun 2023 22:23

Tgt Ion: 43 Resp: 289334
Ion Ratio Lower Upper
43 100
58 40.4 36.6 54.8

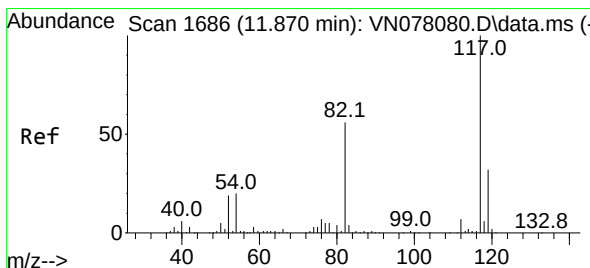
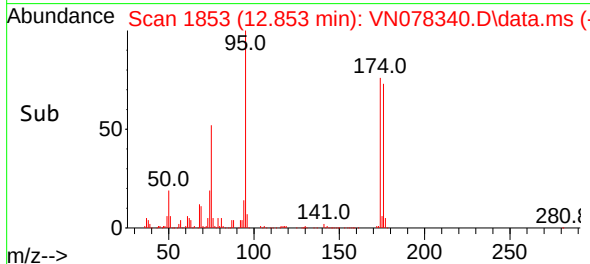
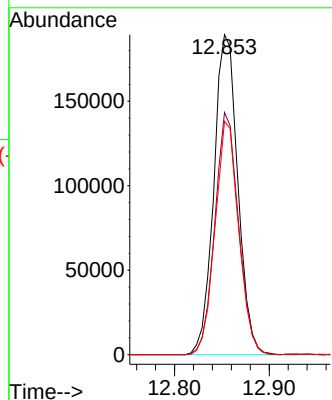
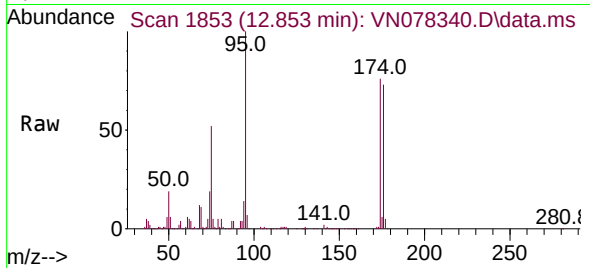




#62
4-Bromofluorobenzene
Concen: 50.130 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078340.D
Acq: 21 Jun 2023 22:23

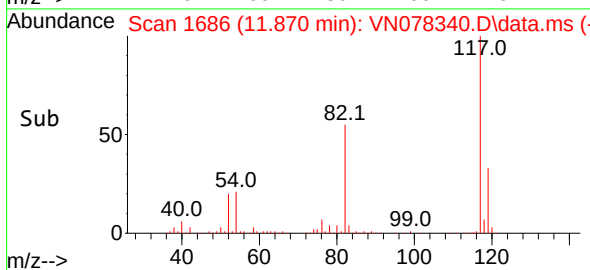
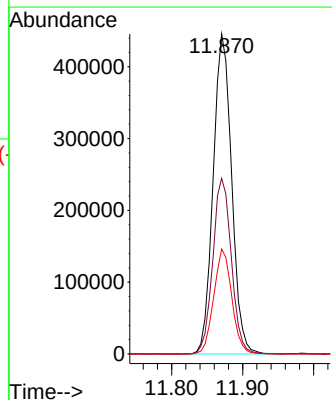
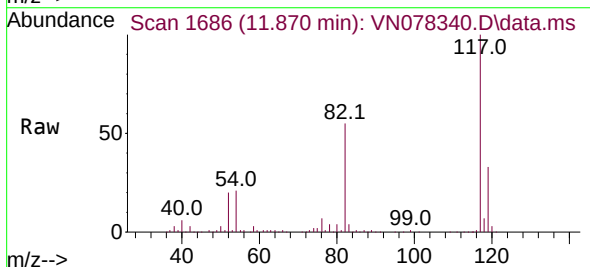
Instrument :
MSVOA_N
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WC-SCAN-03-G

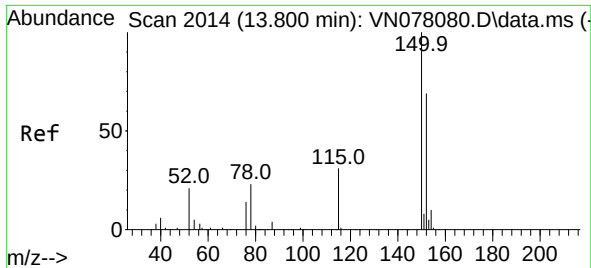
Tgt Ion: 95 Resp: 333095
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078340.D
Acq: 21 Jun 2023 22:23

Tgt Ion: 117 Resp: 804330
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 32.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078340.D
 Acq: 21 Jun 2023 22:23

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SCAN-03-G

Tgt Ion:152 Resp: 259198
 Ion Ratio Lower Upper
 152 100
 115 60.6 32.3 96.8
 150 156.6 0.0 355.8

