

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
 Data File : VN072531.D
 Acq On : 17 May 2022 15:31
 Operator : JC\MD
 Sample : N2880-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: May 18 07:26:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

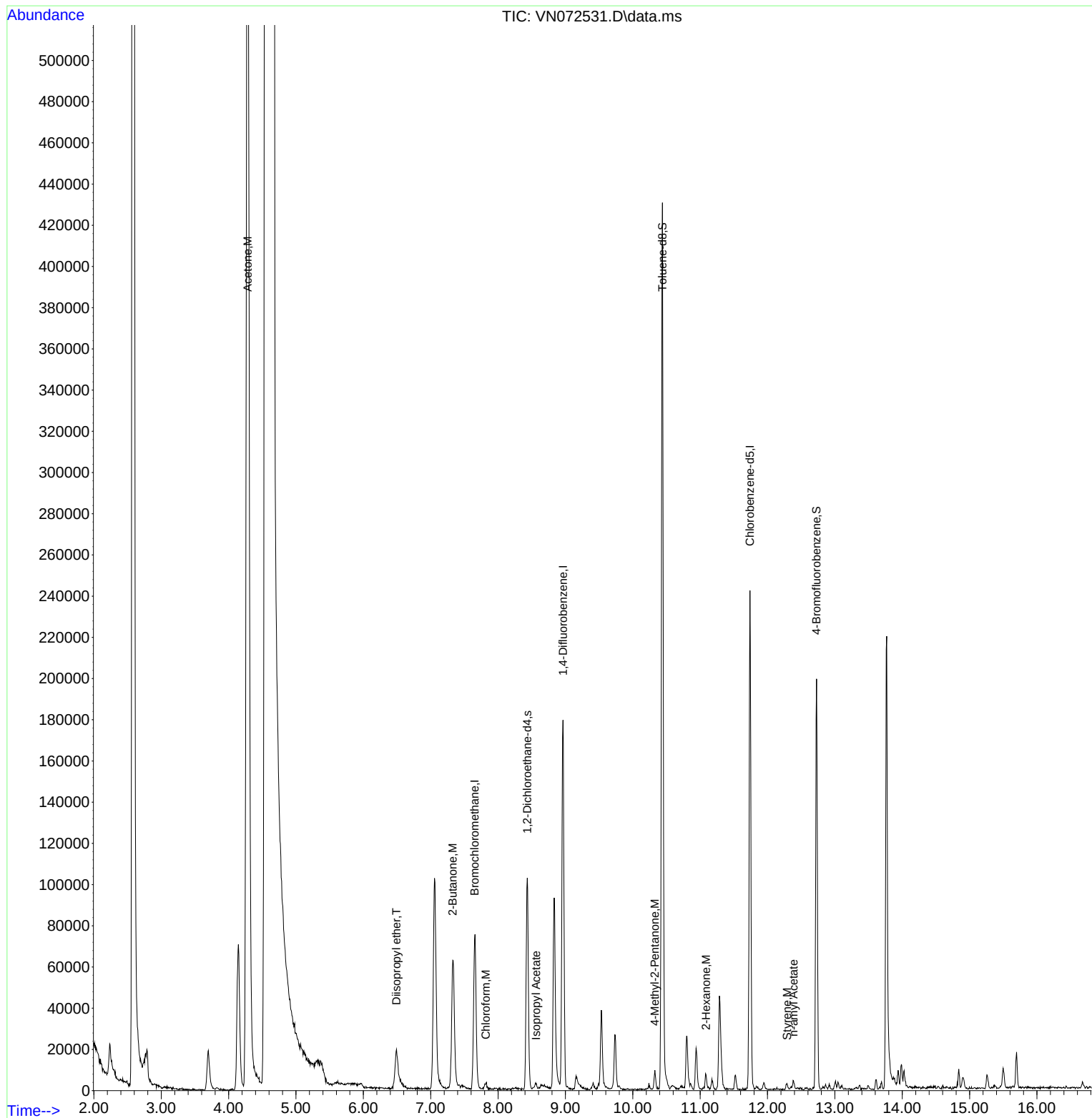
Internal Standards						
1) Bromochloromethane	7.651	128	27658	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	156206	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	138038	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	93204	29.948	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.833%
60) 4-Bromofluorobenzene	12.727	95	67524	25.053	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.500%
63) Toluene-d8	10.439	98	228427	30.315	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.033%
Target Compounds						
					Qvalue	
15) Acetone	4.281	58	396859	1261.326	ug/l	83
20) Diisopropyl ether	6.492	45	22512	3.412	ug/l #	88
25) Chloroform	7.816	83	2979	0.700	ug/l	95
30) 2-Butanone	7.328	43	105561	58.627	ug/l	96
44) Isopropyl Acetate	8.563	43	3728	0.662	ug/l #	57
47) n-amyl Acetate	12.386	43	2658	0.705	ug/l #	85
58) 4-Methyl-2-Pentanone	10.327	43	5752	1.768	ug/l	93
59) 2-Hexanone	11.086	43	6408	2.682	ug/l	91
69) Styrene	12.292	104	1429	0.228	ug/l	93

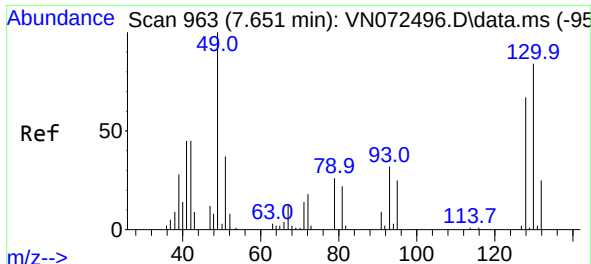
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
Data File : VN072531.D
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Sample : N2880-01 5X
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Instrument :
MSVOA_N
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EFF-WW

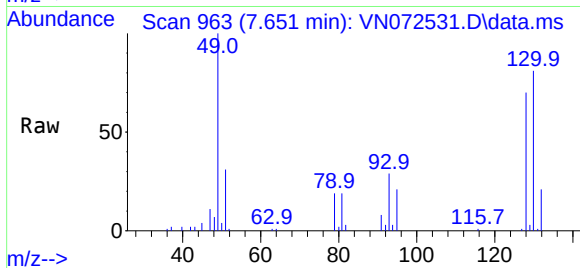
Quant Time: May 18 07:26:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 17 06:34:50 2022
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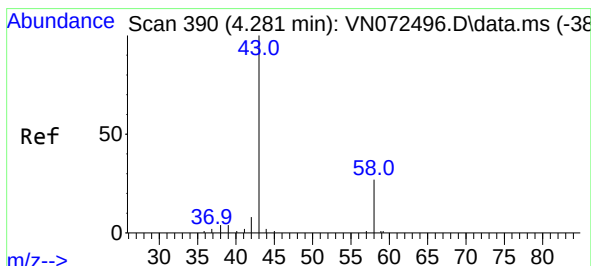
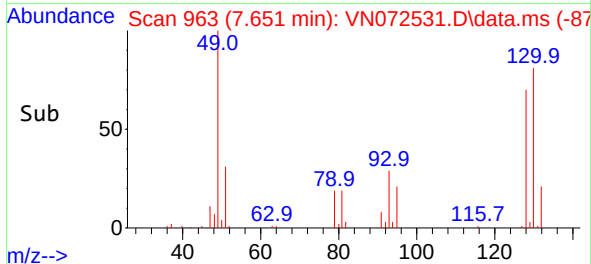
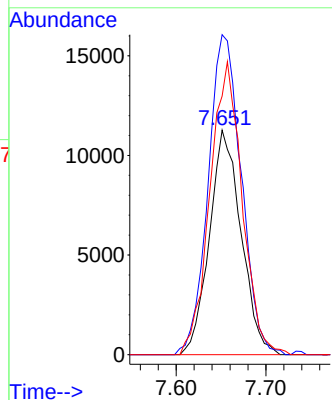


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072531.D
Acq: 17 May 2022 15:31

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

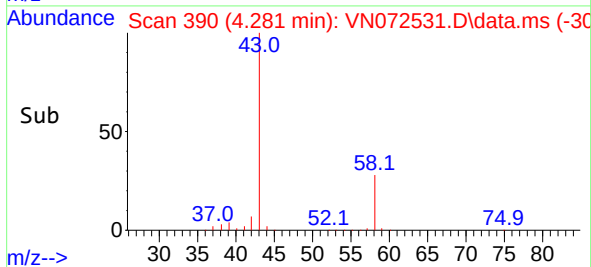
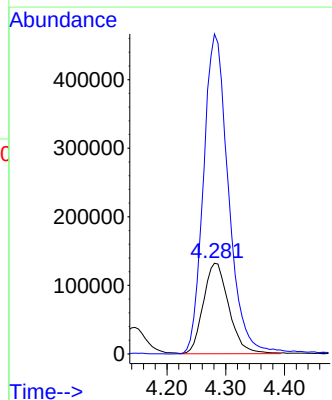
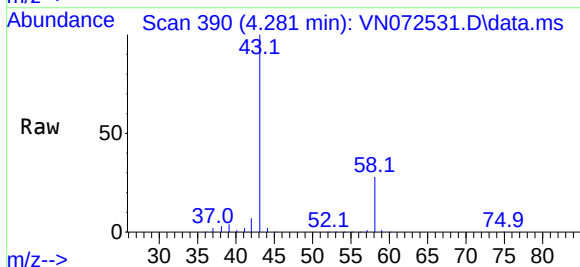


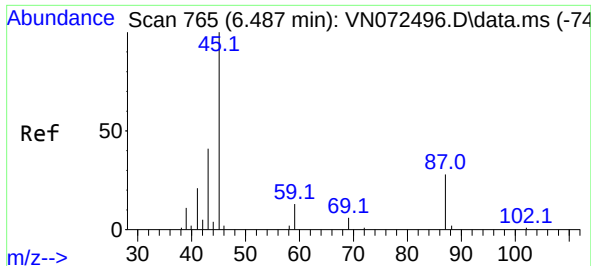
Tgt Ion:128 Resp: 27658
Ion Ratio Lower Upper
128 100
49 148.8 0.0 392.3
130 132.6 0.0 320.2



#15
Acetone
Concen: 1261.326 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072531.D
Acq: 17 May 2022 15:31

Tgt Ion: 58 Resp: 396859
Ion Ratio Lower Upper
58 100
43 354.8 256.6 384.8

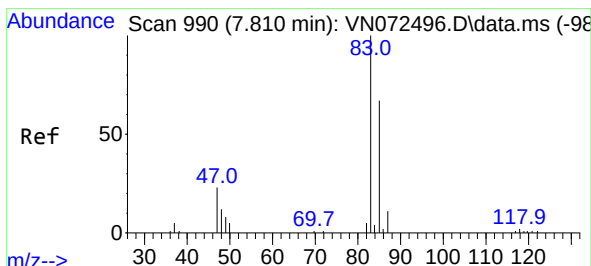
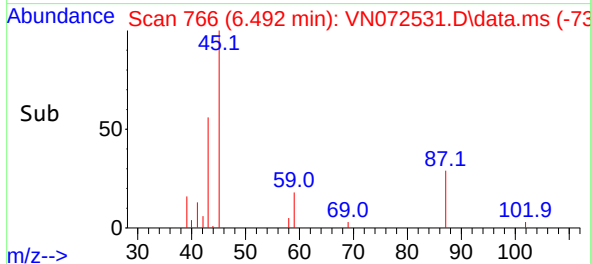
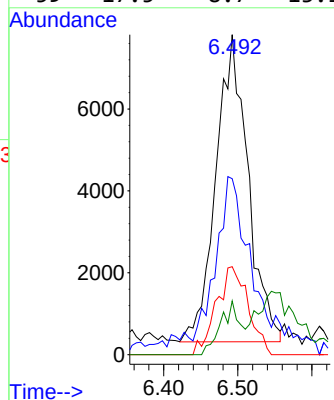
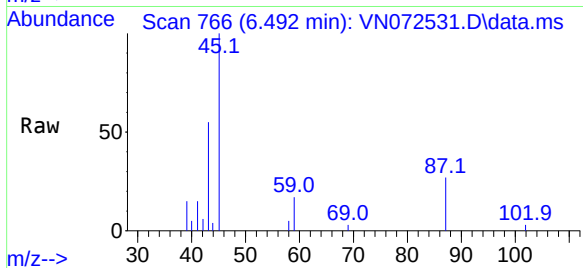




#20
Diisopropyl ether
Concen: 3.412 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072531.D
Acq: 17 May 2022 15:31

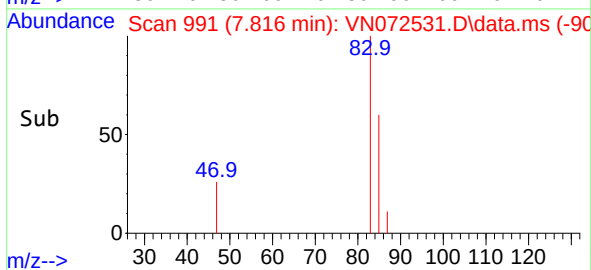
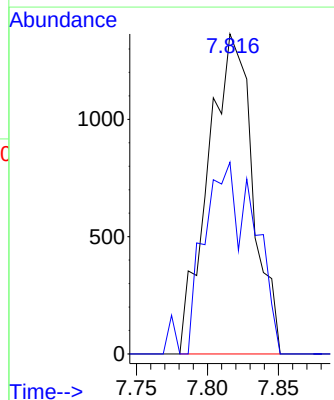
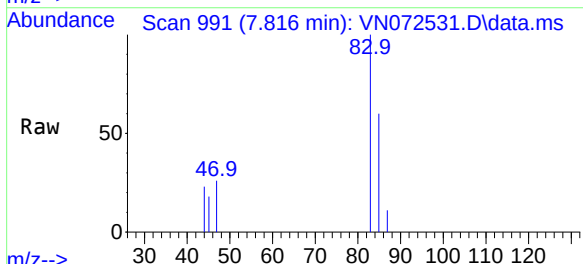
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

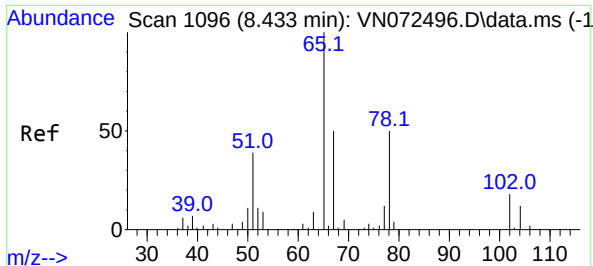
Tgt Ion:	45	Resp:	22512
Ion	Ratio	Lower	Upper
45	100		
43	52.6	51.0	76.4
87	28.7	25.0	37.4
59	17.5	8.7	13.1



#25
Chloroform
Concen: 0.700 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072531.D
Acq: 17 May 2022 15:31

Tgt Ion:	83	Resp:	2979
Ion	Ratio	Lower	Upper
83	100		
85	59.9	51.3	76.9

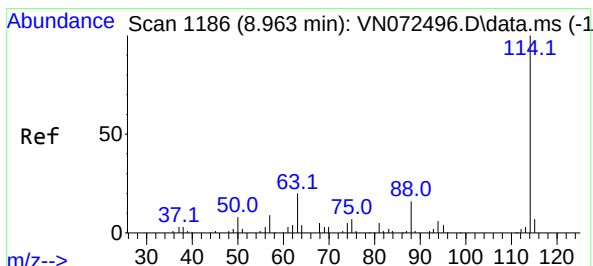
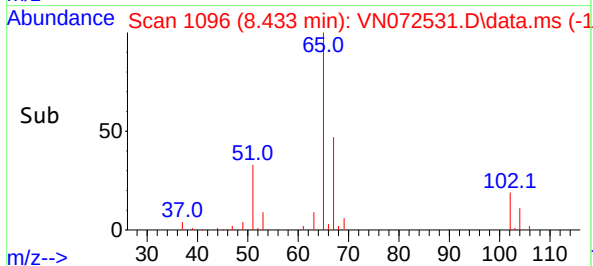
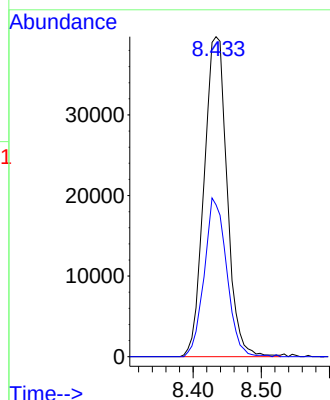
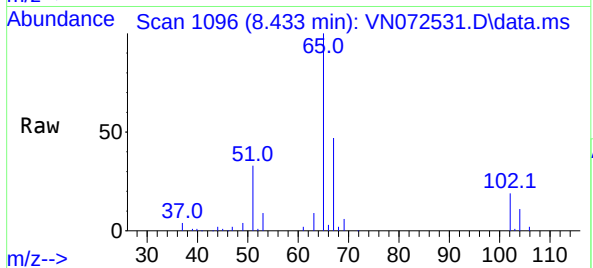




#27
1,2-Dichloroethane-d4
Concen: 29.948 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072531.D
Acq: 17 May 2022 15:31

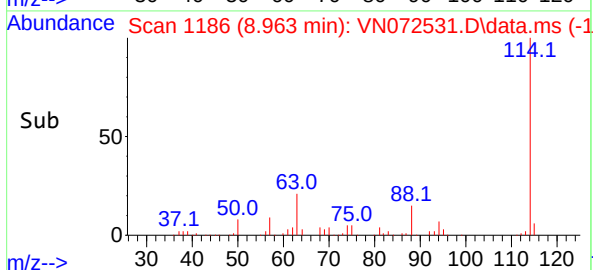
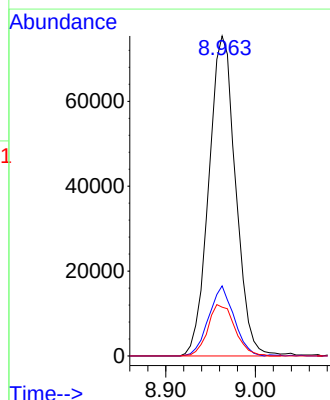
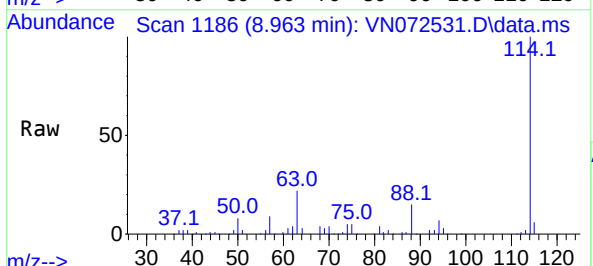
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

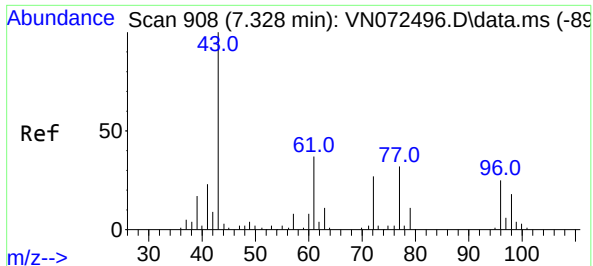
Tgt Ion: 65 Resp: 93204
Ion Ratio Lower Upper
65 100
67 48.3 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072531.D
Acq: 17 May 2022 15:31

Tgt Ion: 114 Resp: 156206
Ion Ratio Lower Upper
114 100
63 20.7 15.8 23.6
88 16.2 11.6 17.4





#30

2-Butanone

Concen: 58.627 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: VN072531.D

Acq: 17 May 2022 15:31

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW

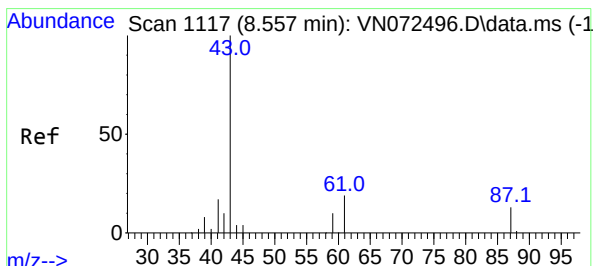
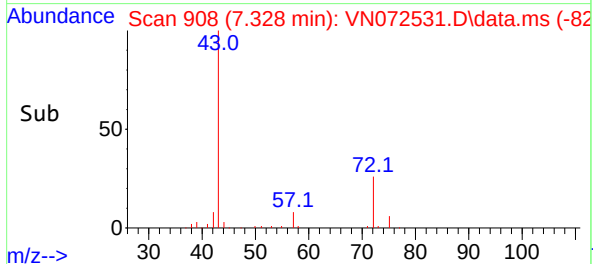
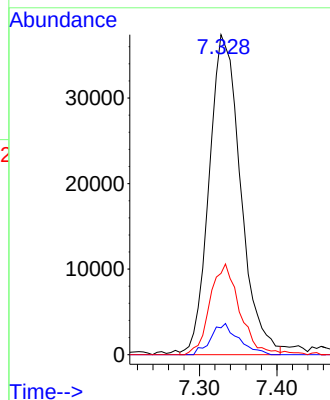
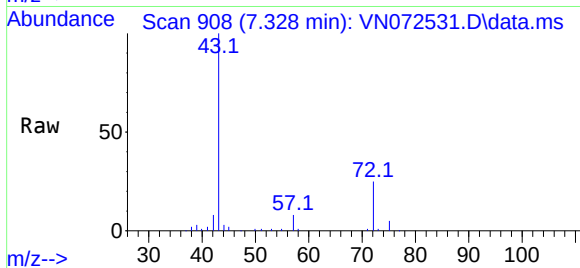
Tgt Ion: 43 Resp: 105561

Ion Ratio Lower Upper

43 100

57 8.0 6.7 10.1

72 26.7 23.2 34.8



#44

Isopropyl Acetate

Concen: 0.662 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN072531.D

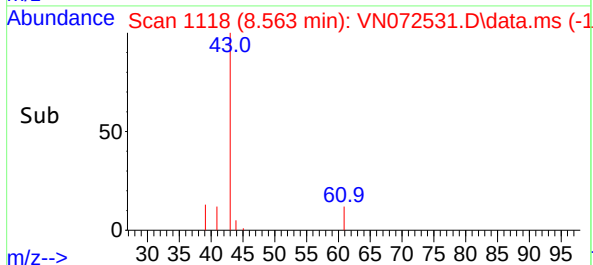
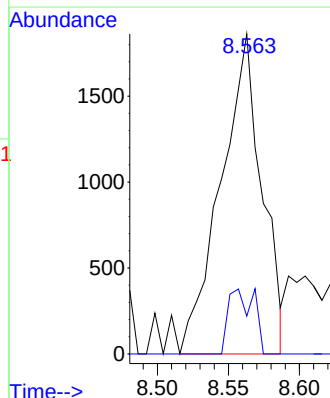
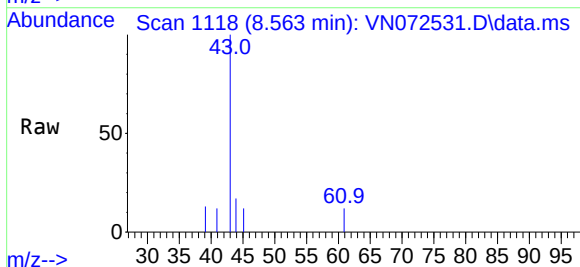
Acq: 17 May 2022 15:31

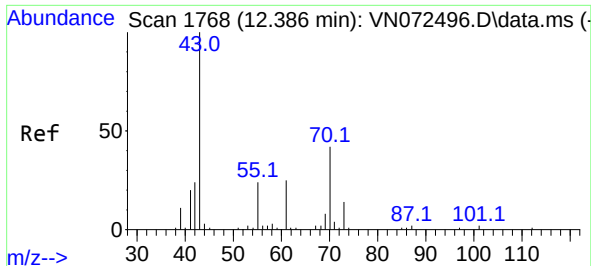
Tgt Ion: 43 Resp: 3728

Ion Ratio Lower Upper

43 100

61 3.6 20.1 30.1#





#47

n-amyl acetate

Concen: 0.705 ug/l

RT: 12.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072531.D

Acq: 17 May 2022 15:31

Instrument :

MSVOA_N

ClientSampleId :

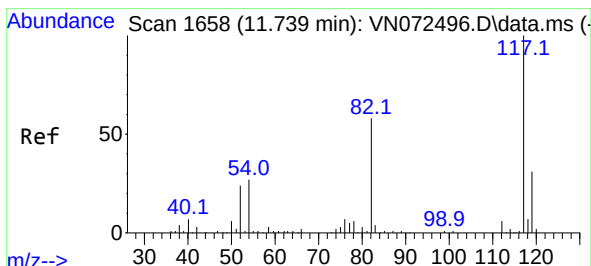
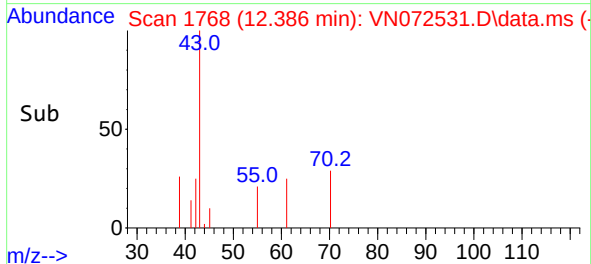
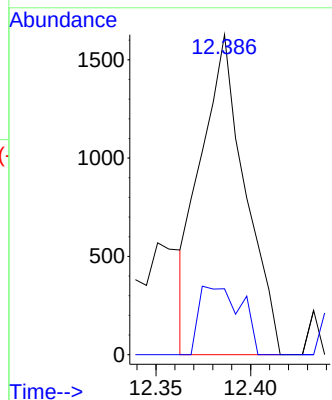
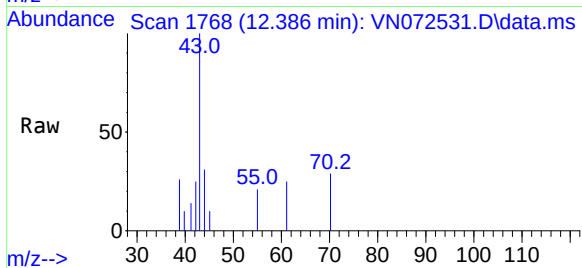
EFF-WW

Tgt Ion: 43 Resp: 2658

Ion Ratio Lower Upper

43 100

55 16.3 19.0 28.6#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN072531.D

Acq: 17 May 2022 15:31

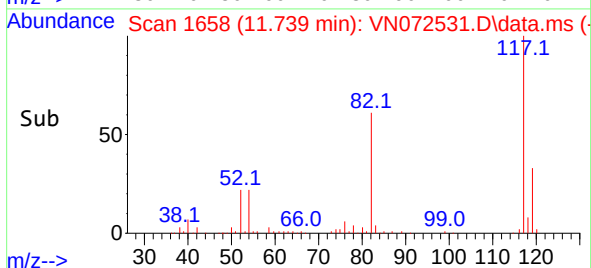
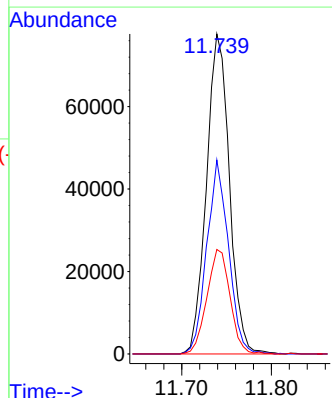
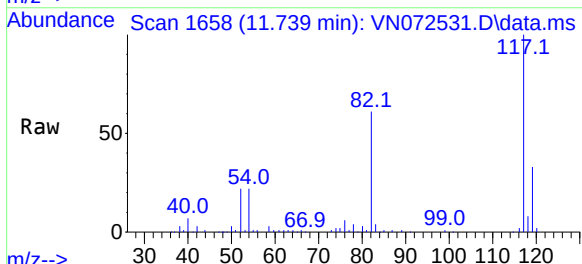
Tgt Ion: 117 Resp: 138038

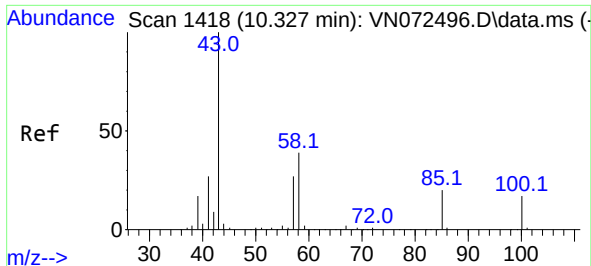
Ion Ratio Lower Upper

117 100

82 57.4 43.6 65.4

119 32.7 25.8 38.6

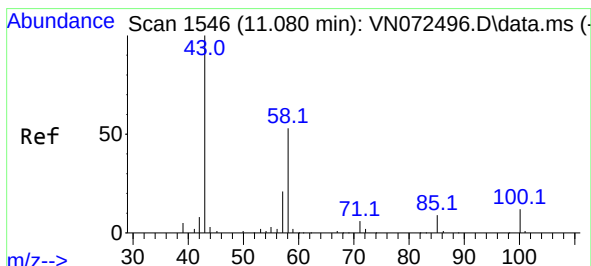
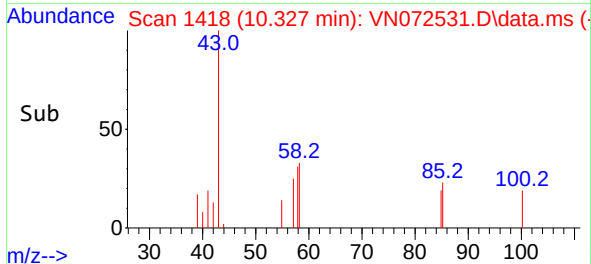
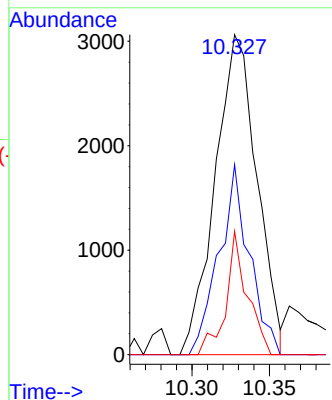
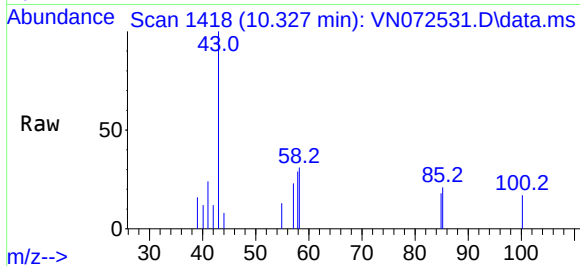




#58
4-Methyl-2-Pentanone
Concen: 1.768 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072531.D
Acq: 17 May 2022 15:31

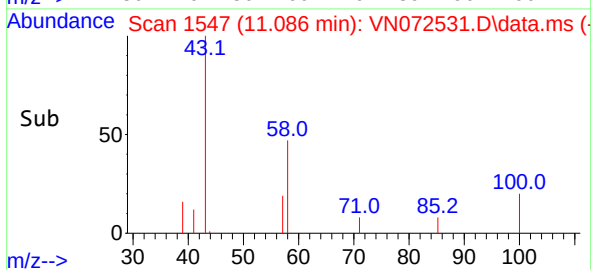
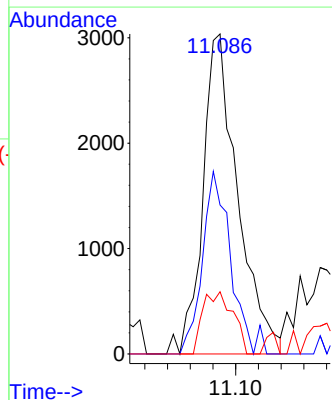
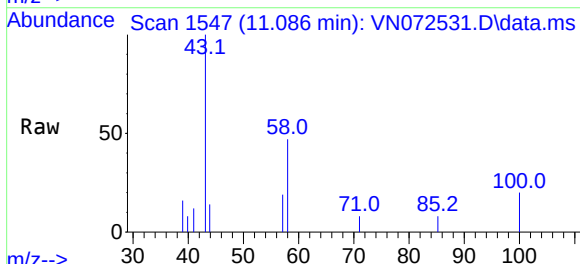
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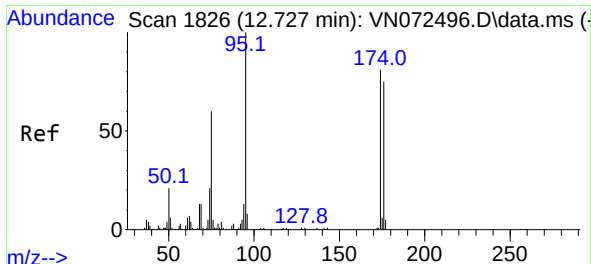
Tgt Ion: 43 Resp: 5752
Ion Ratio Lower Upper
43 100
58 43.2 30.0 45.0
85 19.7 15.0 22.6



#59
2-Hexanone
Concen: 2.682 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN072531.D
Acq: 17 May 2022 15:31

Tgt Ion: 43 Resp: 6408
Ion Ratio Lower Upper
43 100
58 45.4 42.2 63.2
57 17.0 15.0 22.4

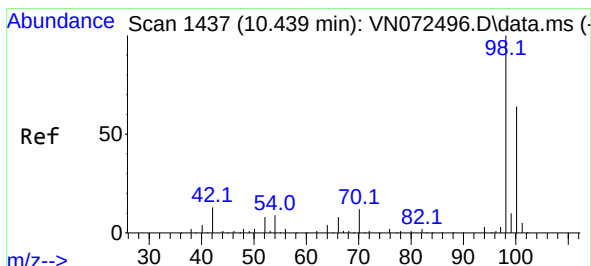
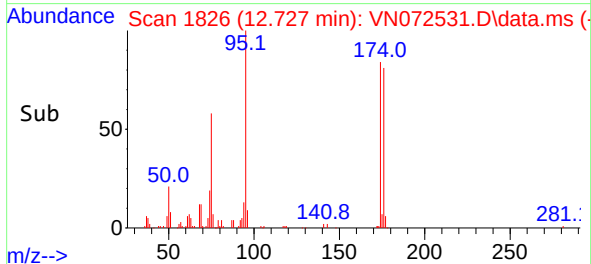
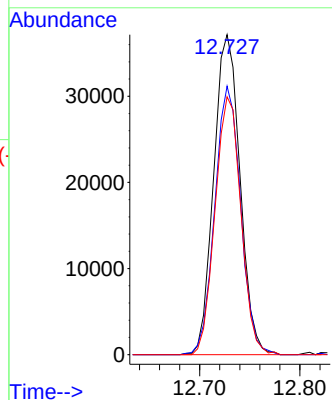
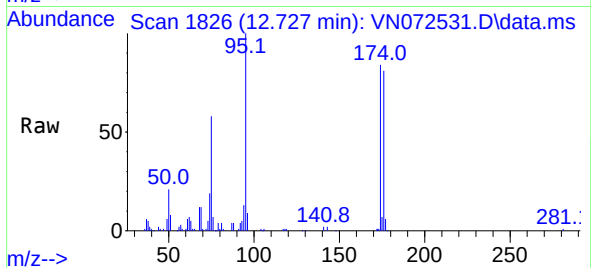




#60
4-Bromofluorobenzene
Concen: 25.053 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072531.D
Acq: 17 May 2022 15:31

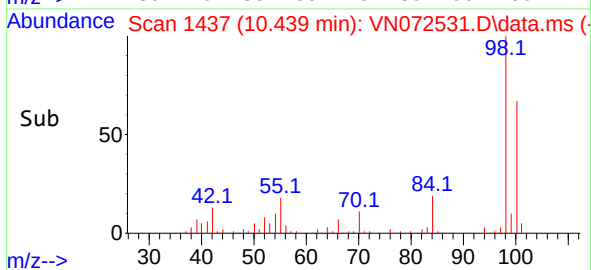
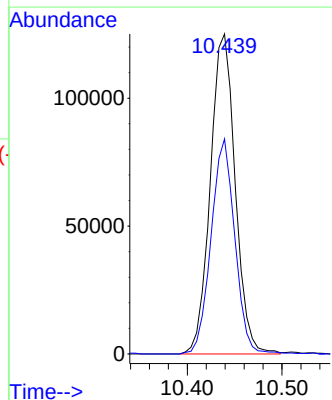
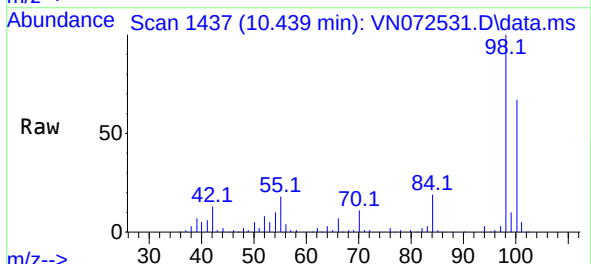
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

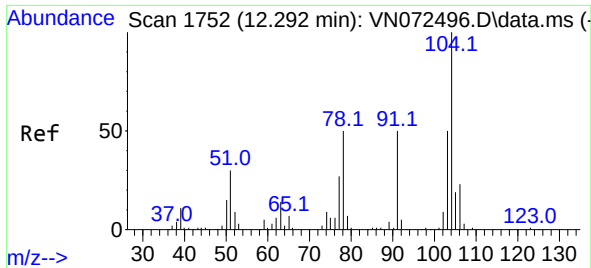
Tgt Ion: 95 Resp: 67524
Ion Ratio Lower Upper
95 100
174 82.8 62.9 94.3
176 79.3 61.0 91.4



#63
Toluene-d8
Concen: 30.315 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072531.D
Acq: 17 May 2022 15:31

Tgt Ion: 98 Resp: 228427
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0





#69

Styrene

Concen: 0.228 ug/l

RT: 12.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072531.D

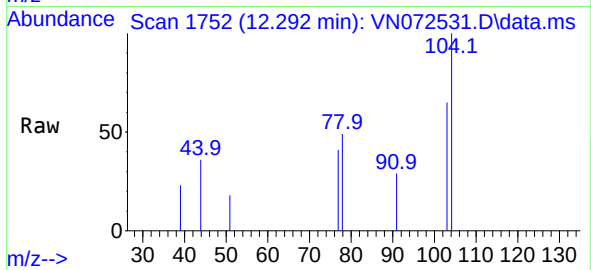
Acq: 17 May 2022 15:31

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW



Tgt Ion:104 Resp: 1429

Ion Ratio Lower Upper

104 100

78 42.5 40.7 61.1

103 59.2 45.8 68.8

