

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040921\
 Data File : VN066558.D
 Acq On : 9 Apr 2021 13:12
 Operator : JC/MD
 Sample : M1914-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(APR)

Quant Time: Apr 09 14:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

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

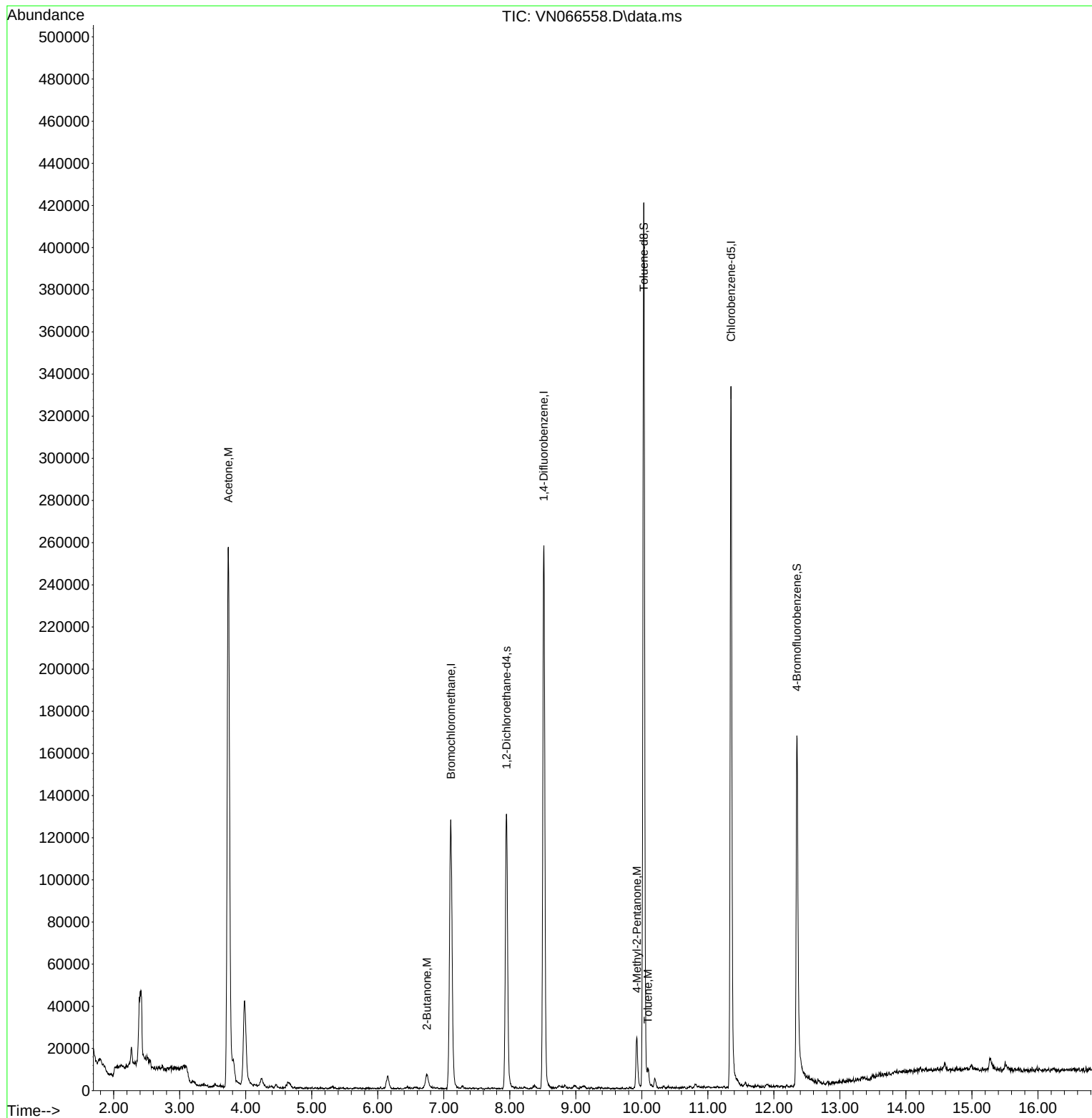
Internal Standards						
1) Bromochloromethane	7.107	128	47926	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.515	114	222487	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	196153	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.949	65	111670	30.31	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.03%
60) 4-Bromofluorobenzene	12.348	95	64482	21.06	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	70.20%
63) Toluene-d8	10.028	98	287269	31.21	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.03%
Target Compounds						
					Qvalue	
15) Acetone	3.736	58	127267	275.82	ug/l	97
30) 2-Butanone	6.745	43	9341	4.79	ug/l #	64
58) 4-Methyl-2-Pentanone	9.923	43	19294	4.91	ug/l #	88
62) Toluene	10.092	91	4867	0.45	ug/l	96

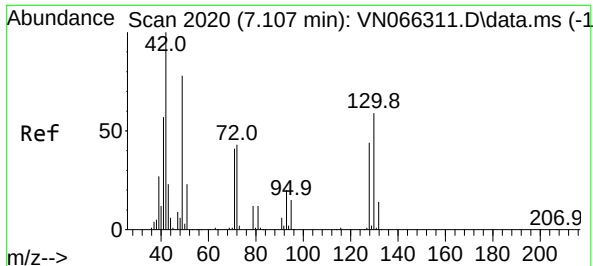
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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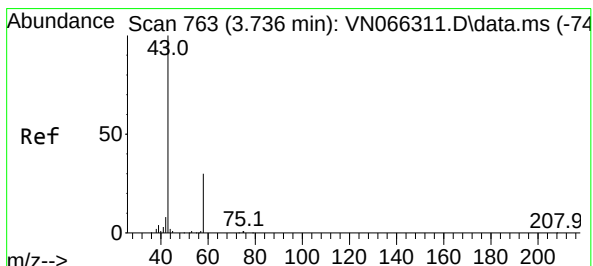
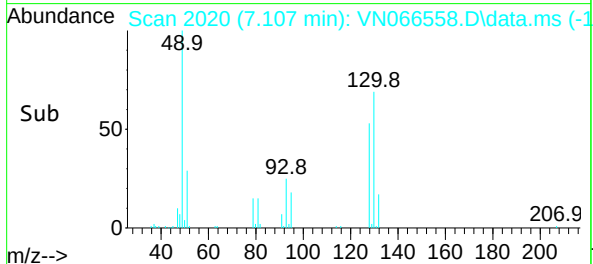
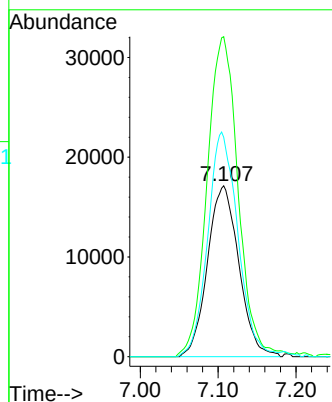
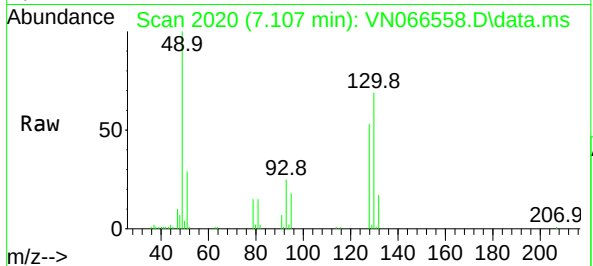




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.107 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VN066558.D
Acq: 9 Apr 2021 13:12

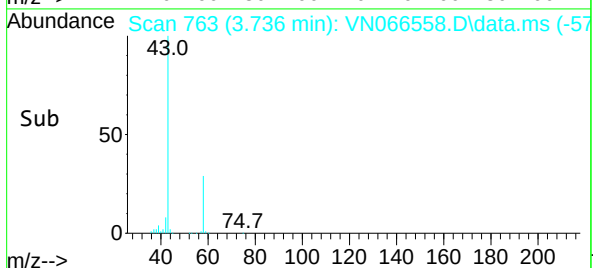
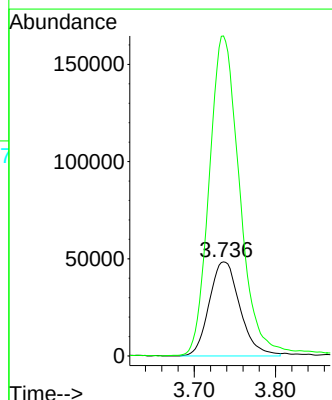
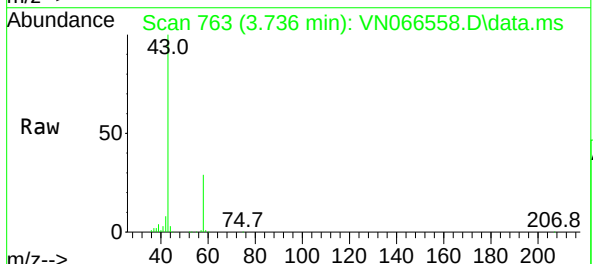
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

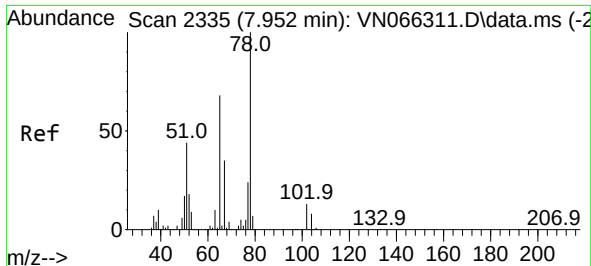
Tgt Ion:128 Resp: 47926
Ion Ratio Lower Upper
128 100
49 182.8 0.0 429.3
130 126.5 0.0 328.5



#15
Acetone
Concen: 275.82 ug/l
RT: 3.736 min Scan# 763
Delta R.T. -0.000 min
Lab File: VN066558.D
Acq: 9 Apr 2021 13:12

Tgt Ion: 58 Resp: 127267
Ion Ratio Lower Upper
58 100
43 339.4 267.3 400.9

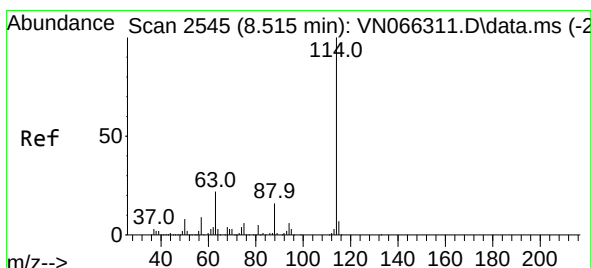
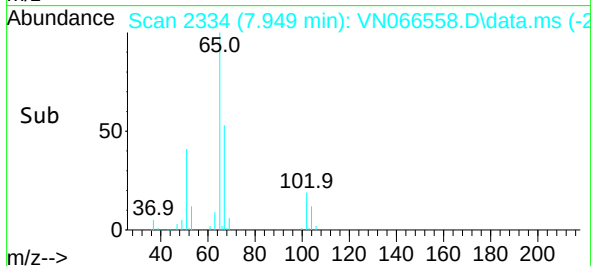
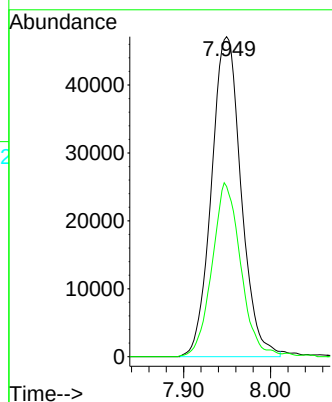
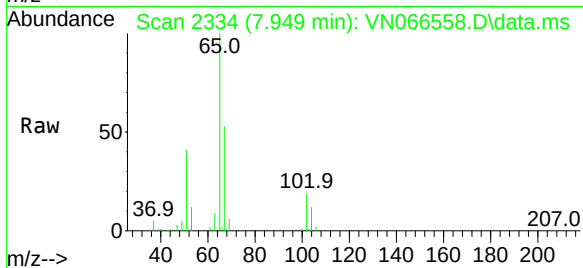




#27
 1,2-Dichloroethane-d4
 Concen: 30.31 ug/l
 RT: 7.949 min Scan# 2334
 Delta R.T. -0.003 min
 Lab File: VN066558.D
 Acq: 9 Apr 2021 13:12

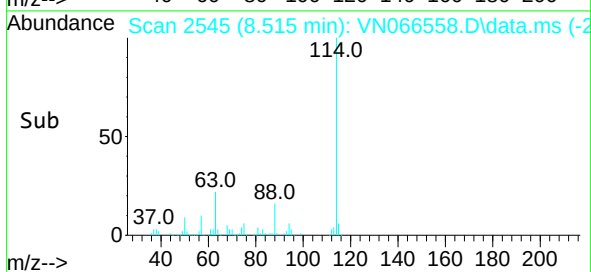
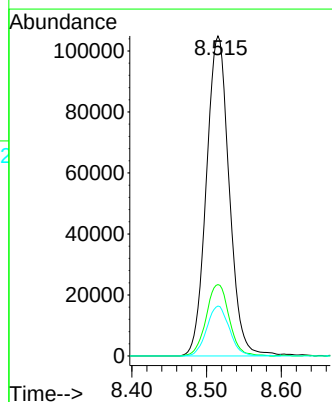
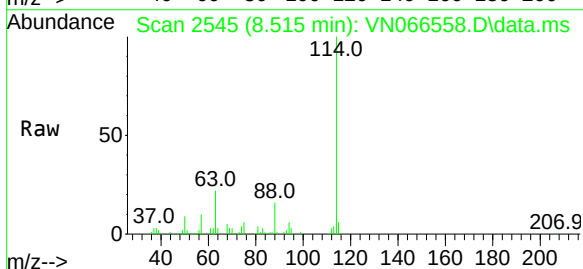
Instrument :
 MSVOA_N
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 001-WILLETS-PT-BLVD(APR)

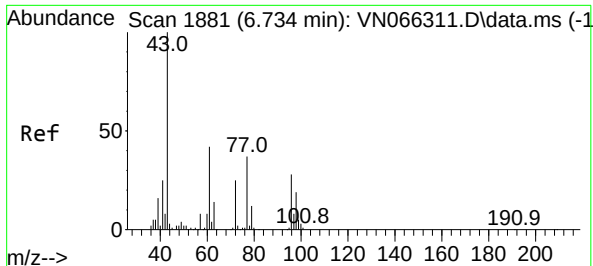
Tgt Ion: 65 Resp: 111670
 Ion Ratio Lower Upper
 65 100
 67 51.9 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.515 min Scan# 2545
 Delta R.T. 0.000 min
 Lab File: VN066558.D
 Acq: 9 Apr 2021 13:12

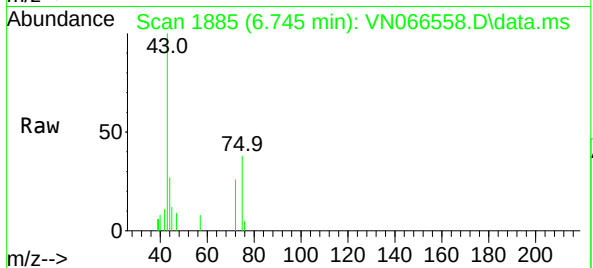
Tgt Ion: 114 Resp: 222487
 Ion Ratio Lower Upper
 114 100
 63 22.5 17.4 26.0
 88 15.4 12.6 19.0



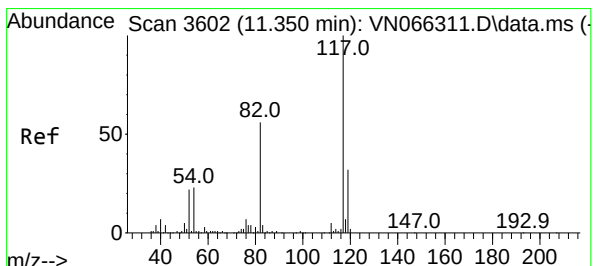
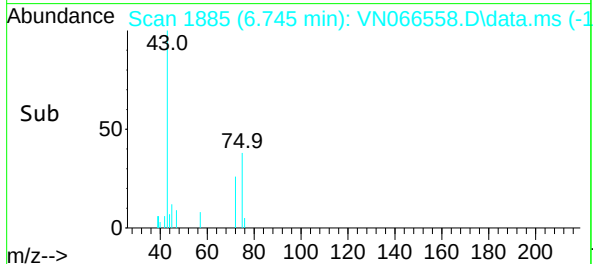
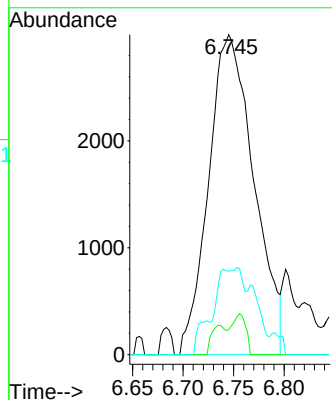


#30
2-Butanone
Concen: 4.79 ug/l
RT: 6.745 min Scan# 1885
Delta R.T. 0.011 min
Lab File: VN066558.D
Acq: 9 Apr 2021 13:12

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(APR)

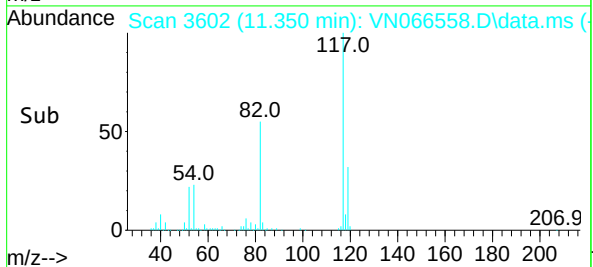
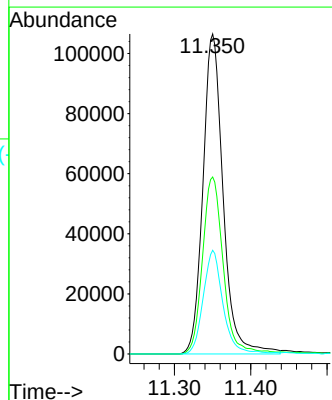
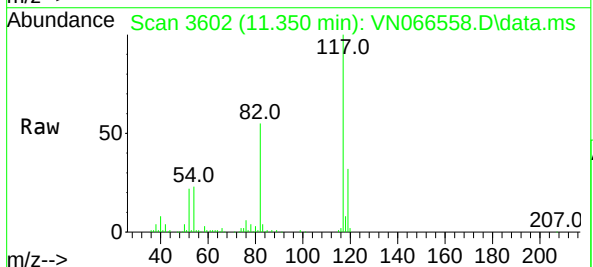


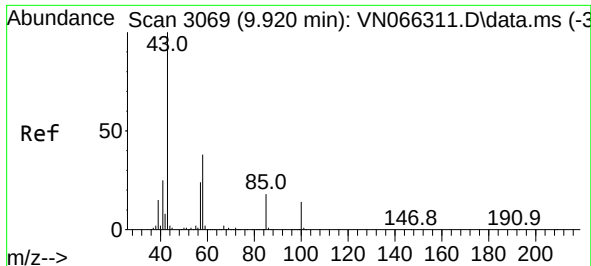
Tgt Ion: 43 Resp: 9341
Ion Ratio Lower Upper
43 100
57 2.8 6.9 10.3#
72 4.1 20.9 31.3#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.000 min
Lab File: VN066558.D
Acq: 9 Apr 2021 13:12

Tgt Ion: 117 Resp: 196153
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 31.1 25.5 38.3

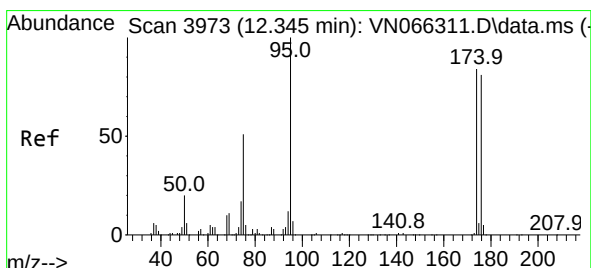
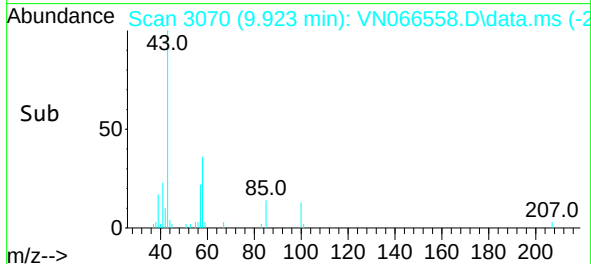
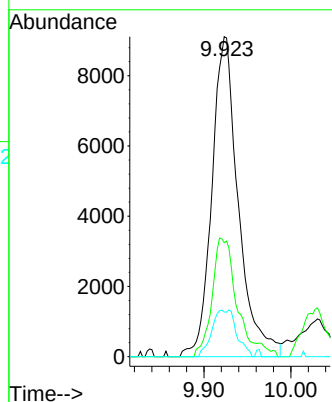
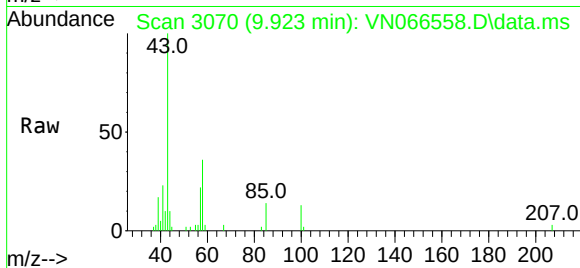




#58
 4-Methyl-2-Pentanone
 Concen: 4.91 ug/l
 RT: 9.923 min Scan# 3070
 Delta R.T. 0.003 min
 Lab File: VN066558.D
 Acq: 9 Apr 2021 13:12

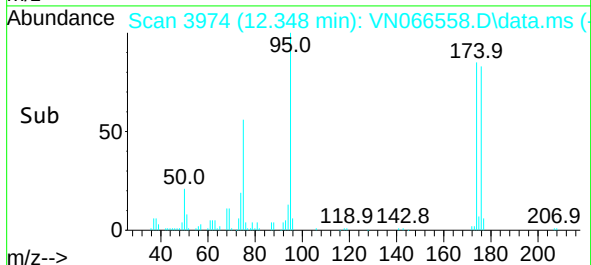
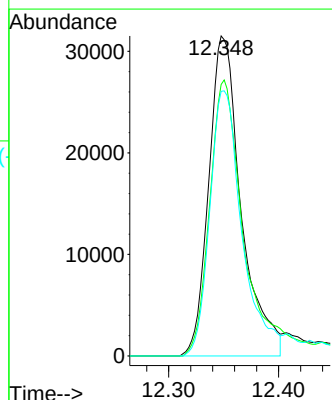
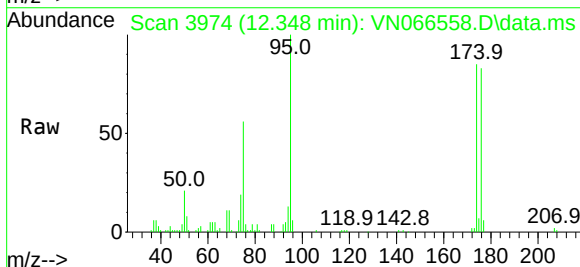
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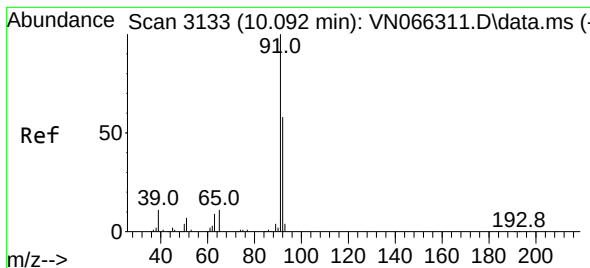
Tgt Ion:	43	Resp:	19294
Ion	Ratio	Lower	Upper
43	100		
58	33.6	30.4	45.6
85	8.3	13.8	20.8#



#60
 4-Bromofluorobenzene
 Concen: 21.06 ug/l
 RT: 12.348 min Scan# 3974
 Delta R.T. 0.003 min
 Lab File: VN066558.D
 Acq: 9 Apr 2021 13:12

Tgt Ion:	95	Resp:	64482
Ion	Ratio	Lower	Upper
95	100		
174	91.9	68.1	102.1
176	82.5	65.4	98.0





#62

Toluene

Concen: 0.45 ug/l

RT: 10.092 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VN066558.D

Acq: 9 Apr 2021 13:12

Tgt Ion: 91 Resp: 4867

Ion Ratio Lower Upper

91 100

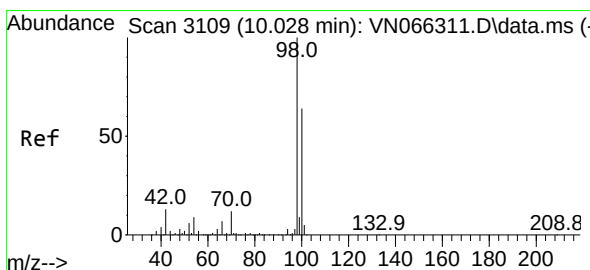
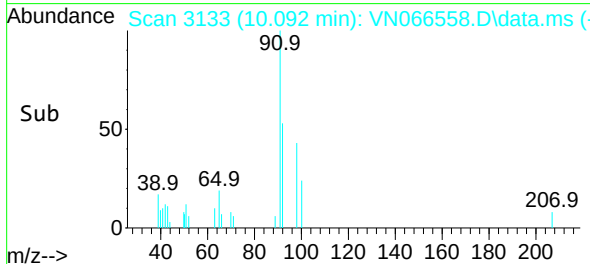
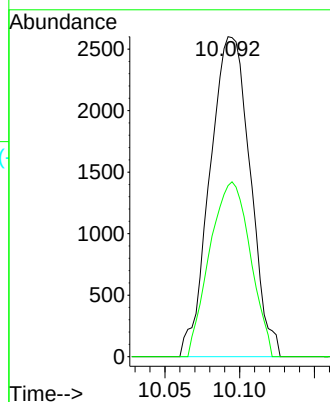
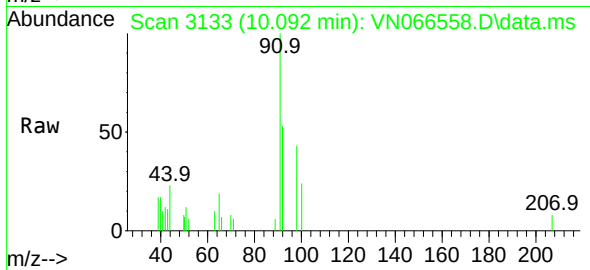
92 55.0 46.2 69.2

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(APR)



#63

Toluene-d8

Concen: 31.21 ug/l

RT: 10.028 min Scan# 3109

Delta R.T. -0.000 min

Lab File: VN066558.D

Acq: 9 Apr 2021 13:12

Tgt Ion: 98 Resp: 287269

Ion Ratio Lower Upper

98 100

100 62.6 51.1 76.7

