

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059125.D
 Acq On : 7 Nov 2019 16:38
 Operator : JC/SP
 Sample : K5726-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
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 11/8/2019 9:39:24 AM

Quant Time: Nov 08 03:11:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	71228	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	393920	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	345885	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.00	65	176448	29.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.30%
60) 4-Bromofluorobenzene	12.40	95	155593	25.72	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.73%
63) Toluene-d8	10.08	98	490240	30.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.07%

Target Compounds

					Ovalue
15) Acetone	3.79	58	2834071m	4063.799	ug/l
16) Carbon Disulfide	4.03	76	6368	0.586	ug/l #
30) 2-Butanone	6.81	43	88453	25.243	ug/l #
58) 4-Methyl-2-Pentanone	9.97	43	18828	2.984	ug/l
62) Toluene	10.15	91	261189	14.038	ug/l
82) p-Isopropyltoluene	13.29	119	6025	0.338	ug/l

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

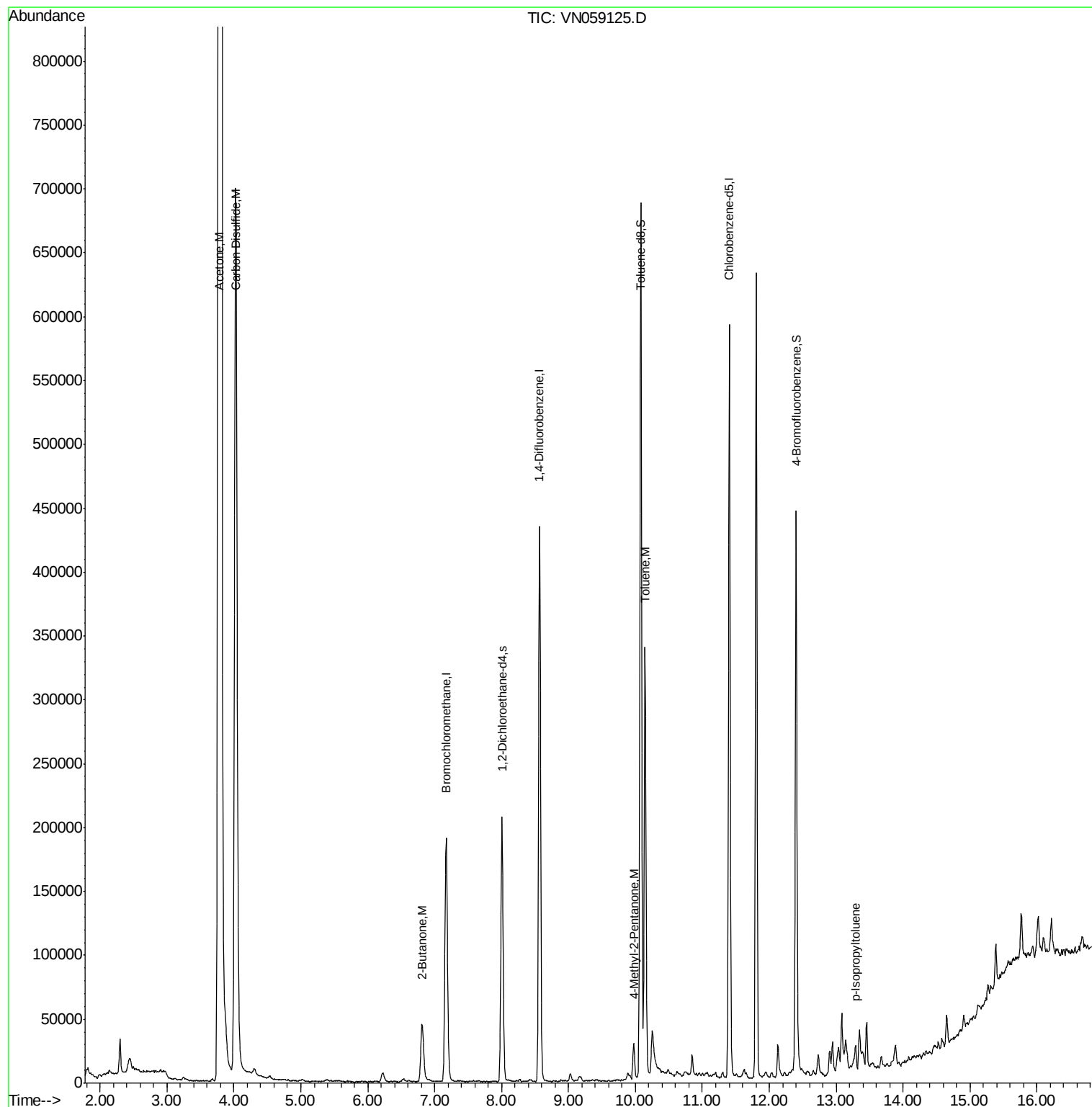
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
Data File : VN059125.D
Acq On : 7 Nov 2019 16:38
Operator : JC/SP
Sample : K5726-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

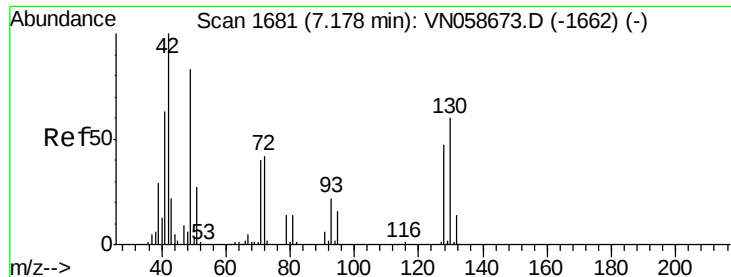
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD-(NOV)

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11/8/2019 9:39:24 AM

Quant Time: Nov 08 03:11:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN059125.D

Acq: 7 Nov 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD-(NOV)

Tot Ion:128 Resp: 71228

Ion Ratio Lower Upper

128 100

49 181.2 0.0 453.5

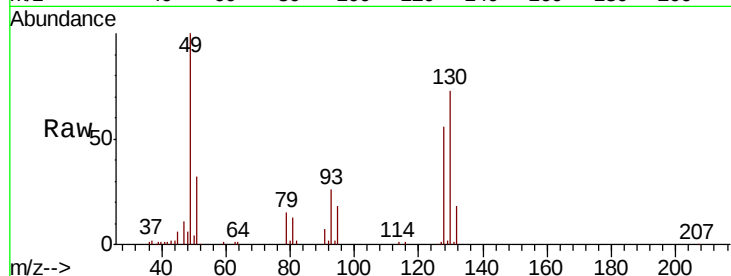
130 130.0 0.0 314.2

Manual Integrations

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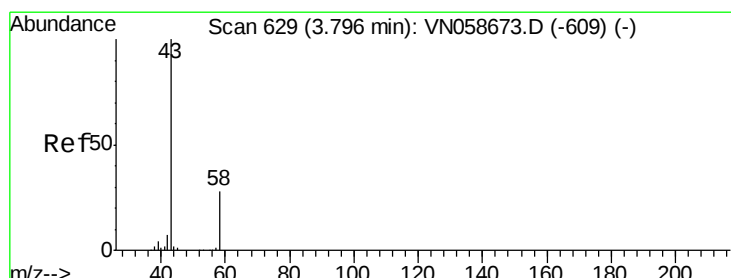
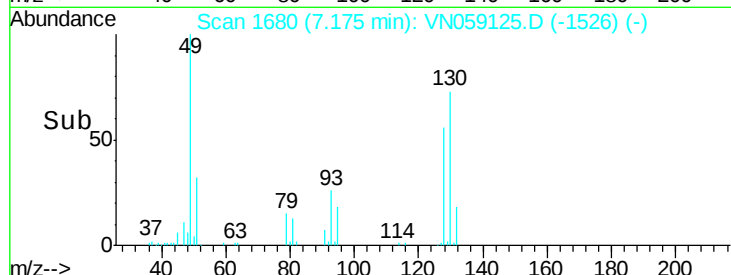
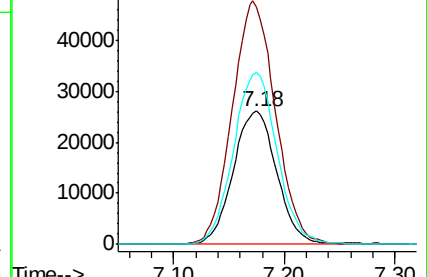
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 4063.799 ug/l m

RT: 3.79 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN059125.D

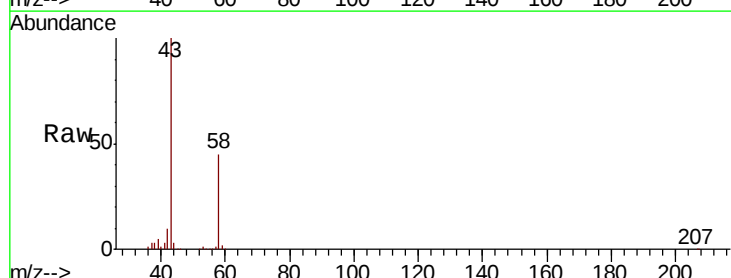
Acq: 7 Nov 2019 16:38

Tgt Ion: 58 Resp: 2834071

Ion Ratio Lower Upper

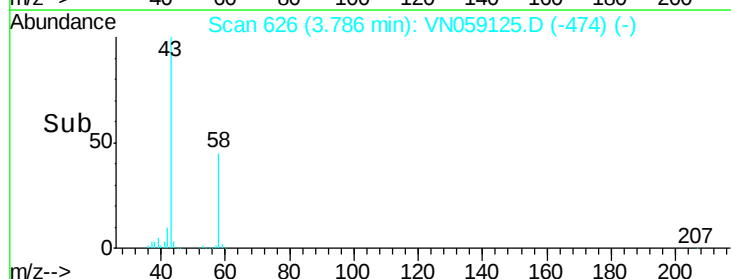
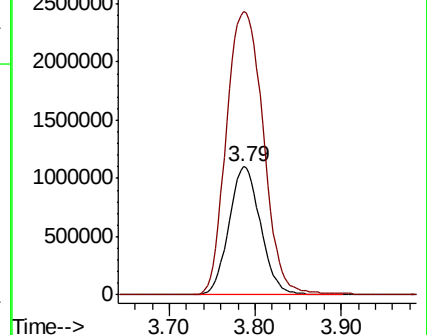
58 100

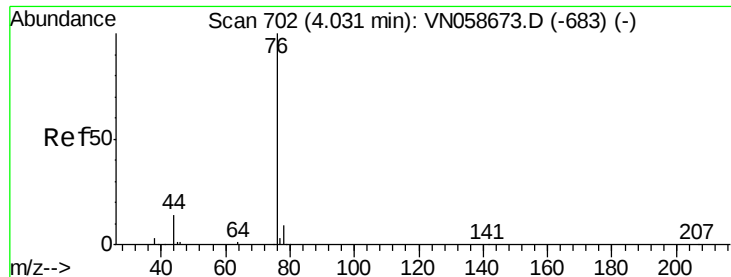
43 220.3 281.7 422.5#



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





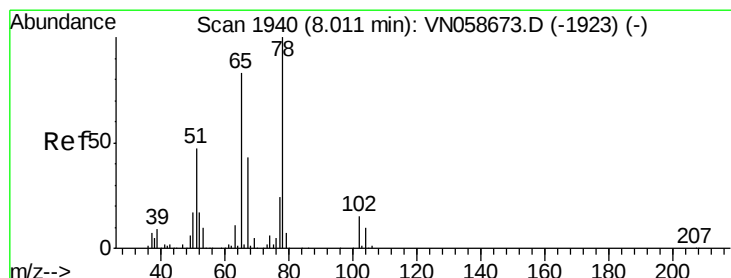
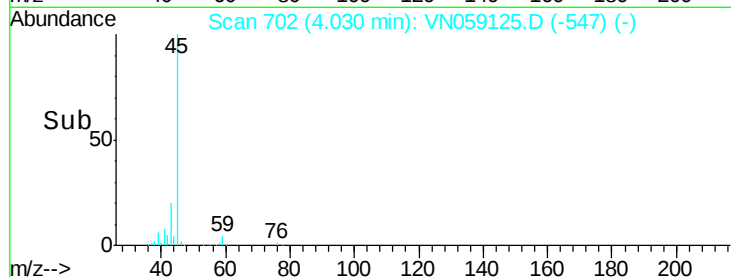
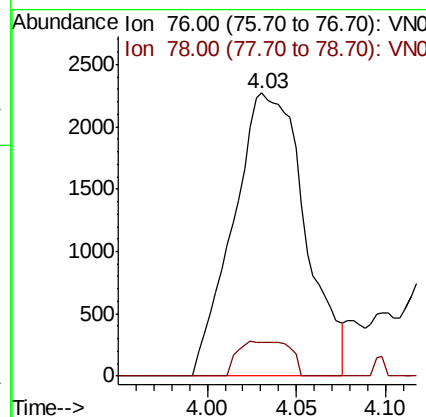
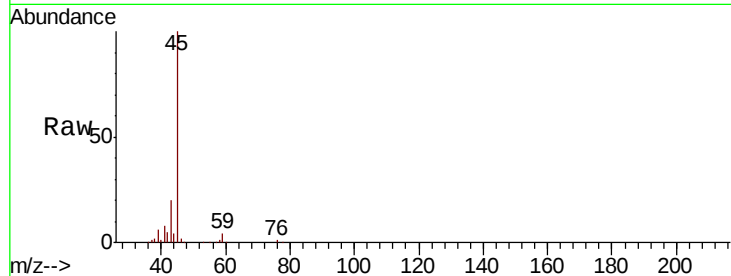
#16
Carbon Disulfide
Concen: 0.586 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN059125.D
Acq: 7 Nov 2019 16:38

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

Tot Ion: 76 Resp: 6368
Ion Ratio Lower Upper
76 100
78 11.9 7.4 11.0#

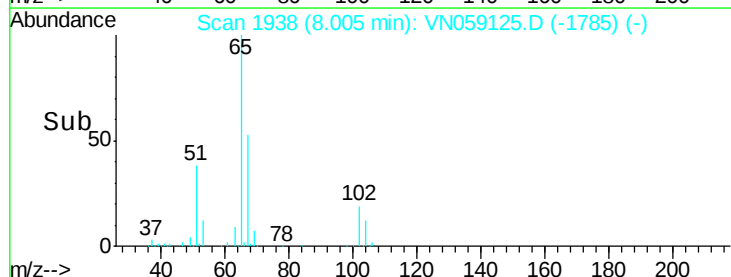
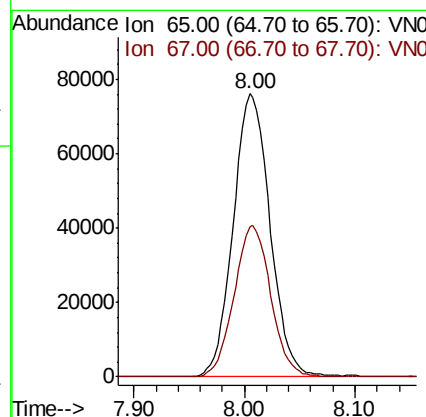
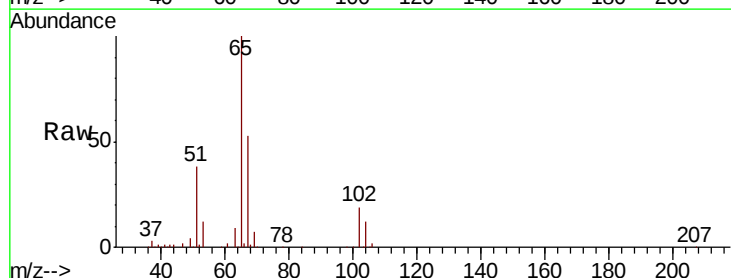
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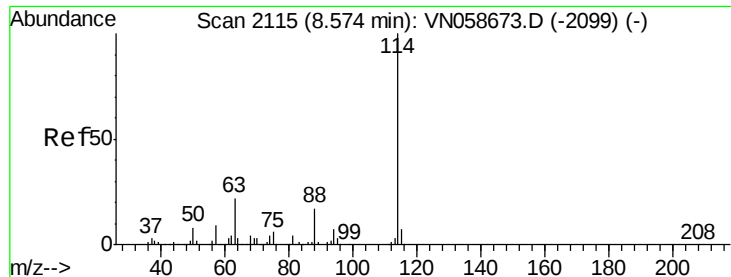
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#27
1,2-Dichloroethane-d4
Concen: 29.187 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.01 min
Lab File: VN059125.D
Acq: 7 Nov 2019 16:38

Tgt Ion: 65 Resp: 176448
Ion Ratio Lower Upper
65 100
67 53.1 41.5 62.3





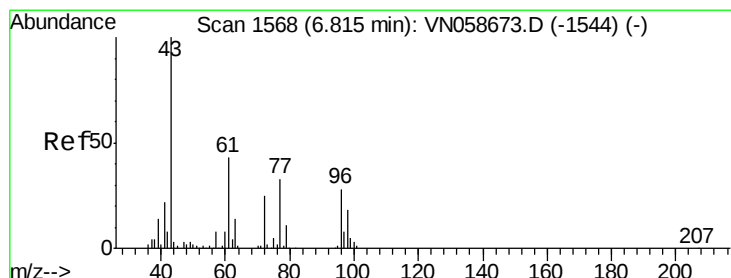
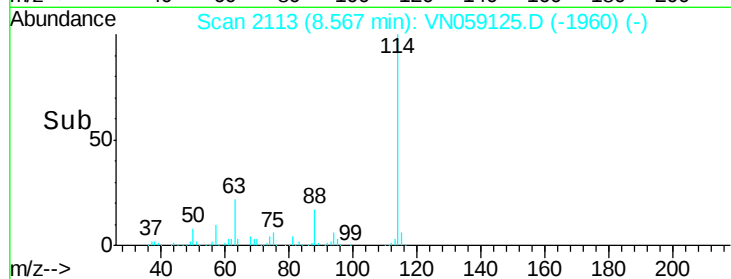
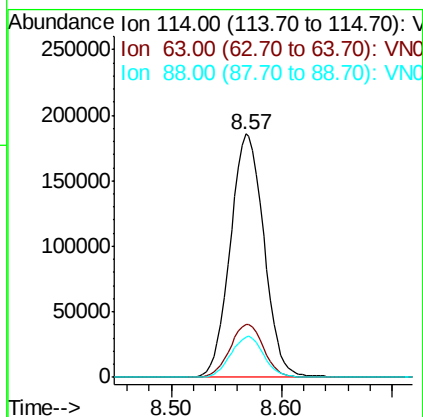
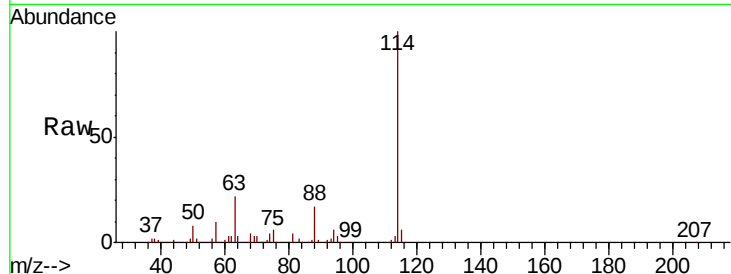
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: VN059125.D
 Acq: 7 Nov 2019 16:38

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

Tot Ion:	114	Resp:	393920
Ion Ratio	Lower	Upper	
114	100		
63	21.8	18.1	27.1
88	16.3	13.0	19.4

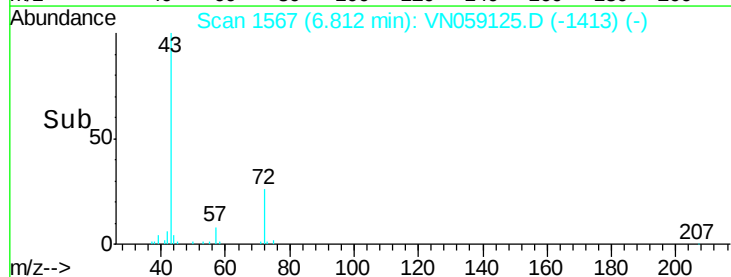
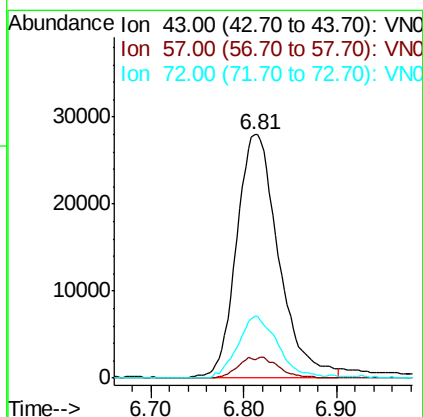
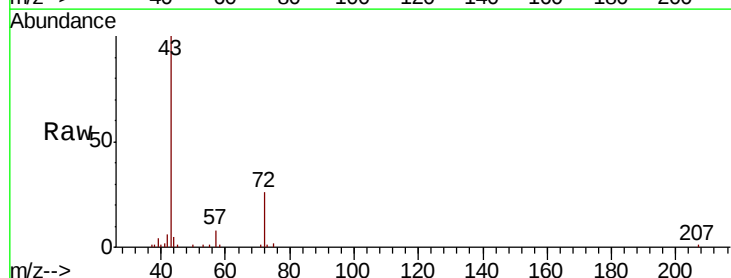
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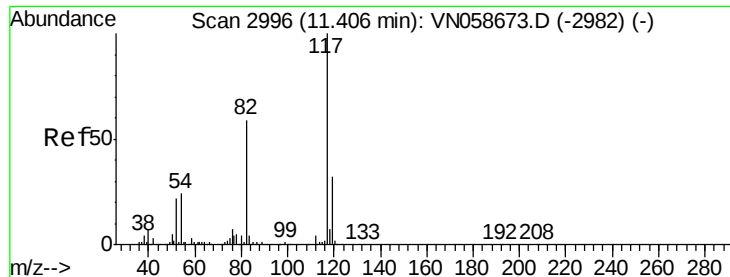
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#30
 2-Butanone
 Concen: 25.243 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN059125.D
 Acq: 7 Nov 2019 16:38

Tgt Ion:	43	Resp:	88453
Ion Ratio	Lower	Upper	
43	100		
57	3.6	6.5	9.7#
72	24.1	20.1	30.1





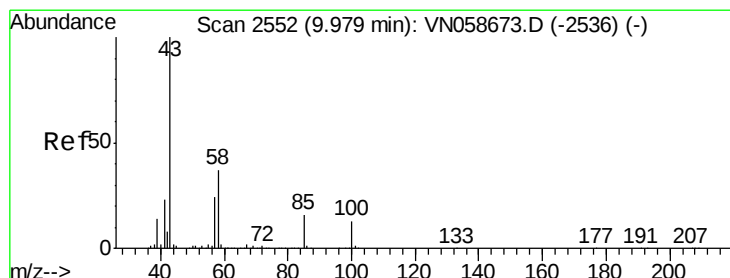
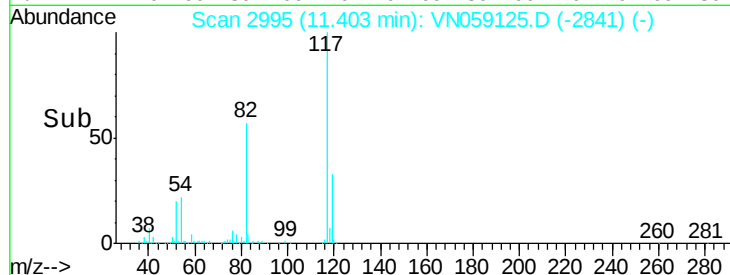
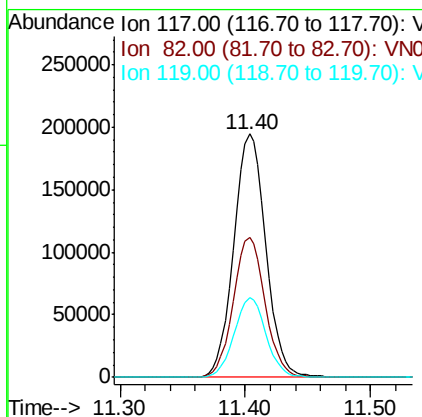
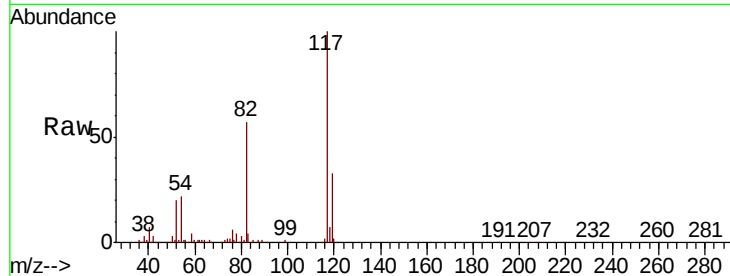
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059125.D
Acq: 7 Nov 2019 16:38

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	345885		
82	57.0	46.9	70.3	
119	32.4	25.8	38.6	

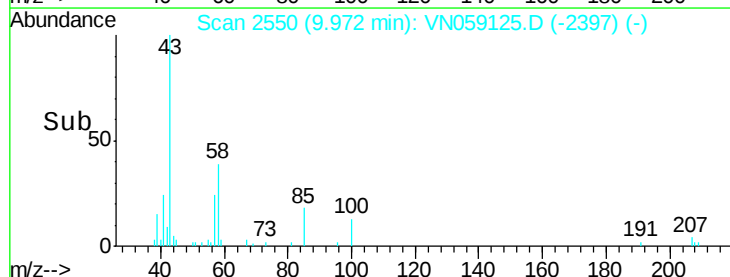
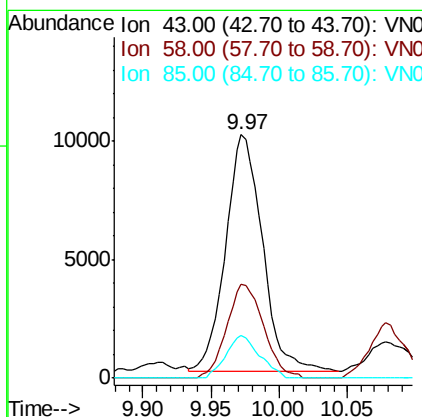
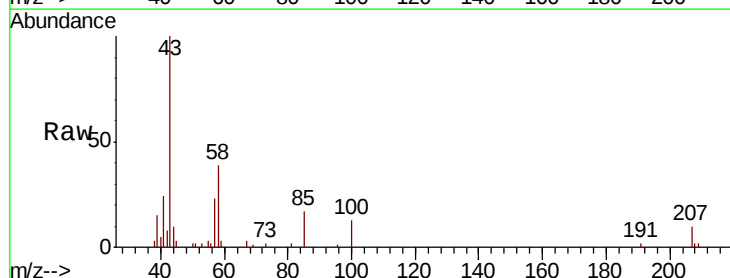
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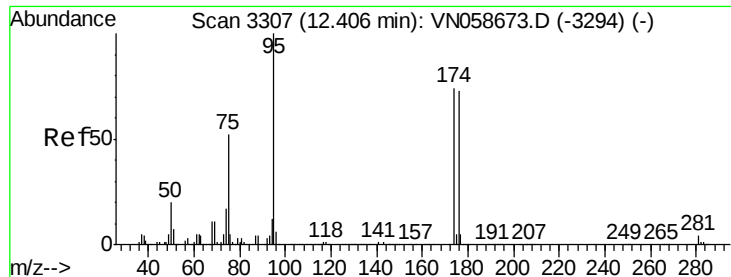
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#58
4-Methyl-2-Pentanone
Concen: 2.984 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.01 min
Lab File: VN059125.D
Acq: 7 Nov 2019 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	18828		
58	39.3	30.1	45.1	
85	16.2	13.2	19.8	





#60

4-Bromofluorobenzene

Concen: 25.716 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.01 min

Lab File: VN059125.D

Acq: 7 Nov 2019 16:38

Instrument :

MSVOA_N

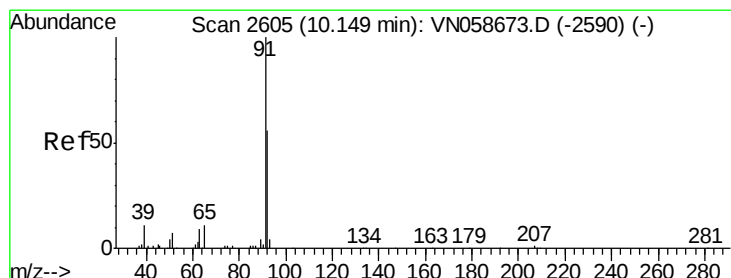
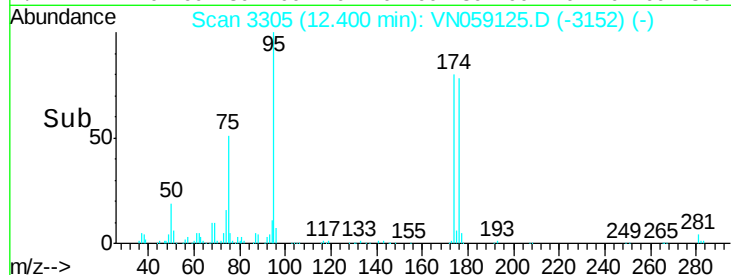
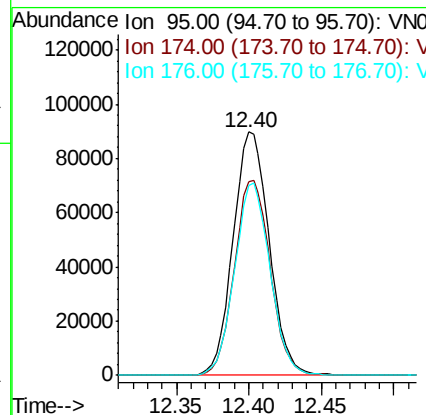
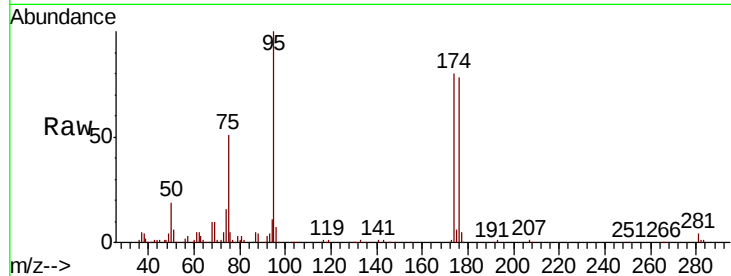
ClientSampleId :

001-WILLETS-PT-BLVD-(NOV)

Tot Ion:	95	Resp:	155593
Ion Ratio	Lower	Upper	
95	100		
174	79.7	59.9	89.9
176	77.4	58.3	87.5

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#62

Toluene

Concen: 14.038 ug/l

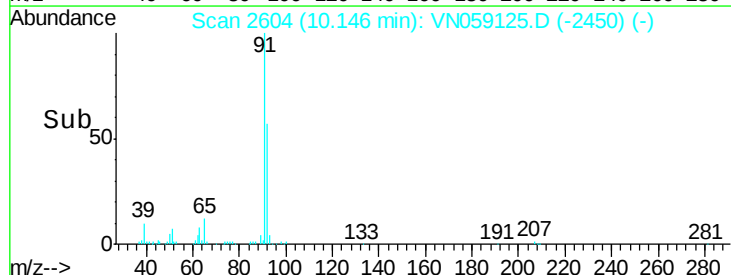
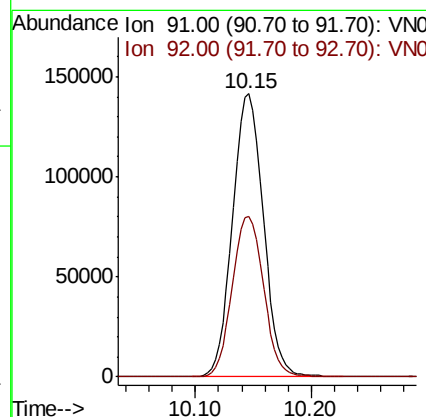
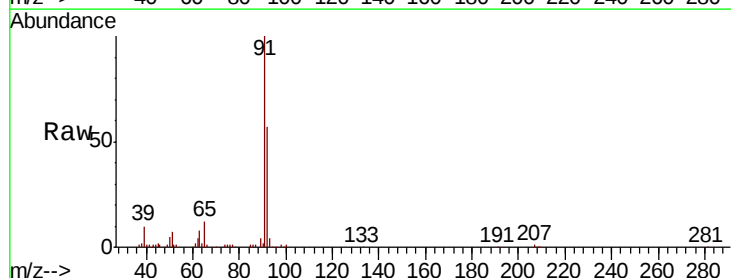
RT: 10.15 min Scan# 2604

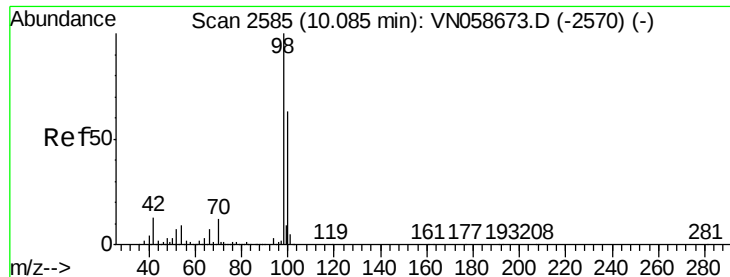
Delta R.T. -0.00 min

Lab File: VN059125.D

Acq: 7 Nov 2019 16:38

Tgt Ion:	91	Resp:	261189
Ion Ratio	Lower	Upper	
91	100		
92	57.6	45.4	68.2





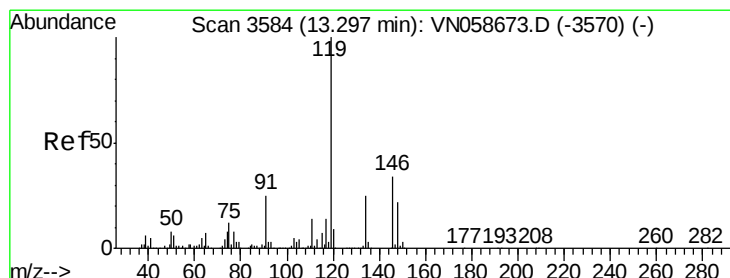
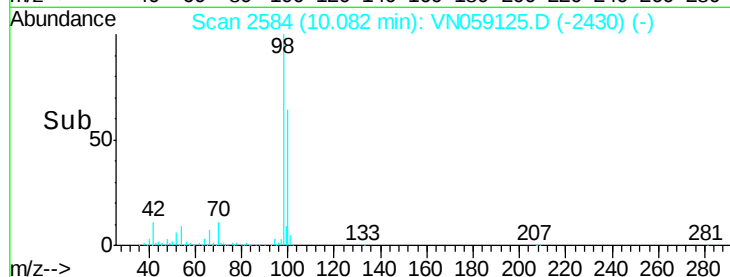
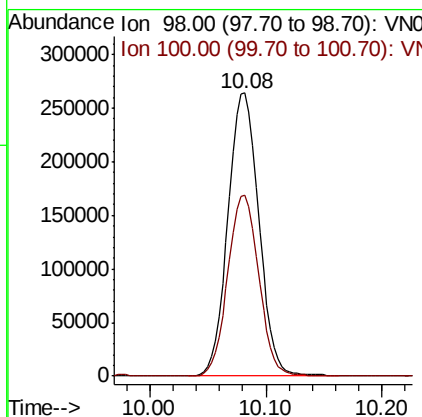
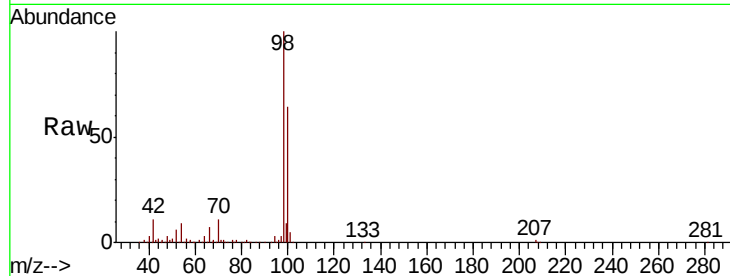
#63
Toluene-d8
Concen: 30.018 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059125.D
Acq: 7 Nov 2019 16:38

Instrument :
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001-WILLETS-PT-BLVD-(NOV)

Tot Ion: 98 Resp: 490240
Ion Ratio Lower Upper
98 100
100 64.0 50.6 75.8

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#82
p-Isopropyltoluene
Concen: 0.338 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.01 min
Lab File: VN059125.D
Acq: 7 Nov 2019 16:38

Tgt Ion: 119 Resp: 6025
Ion Ratio Lower Upper
119 100
134 26.6 0.0 50.8
91 41.5 0.0 49.4

