

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
 Data File : VN051033.D
 Acq On : 6 Sep 2018 15:39
 Operator : MD\SY
 Sample : J4819-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD(SEP)

Manual Integrations
 APPROVED

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 9/7/2018 11:23:23 AM

Quant Time: Sep 07 07:25:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	135484	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	709479	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	622644	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	254231	29.41	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	98.03%		
60) 4-Bromofluorobenzene	12.40	95	250817	27.09	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	90.30%		
63) Toluene-d8	10.09	98	852458	29.36	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	97.87%		

Target Compounds

						Ovalue
15) Acetone	3.82	58	1460594	1994.25	ug/l	95
30) 2-Butanone	6.84	43	60961	18.66	ug/l #	95
58) 4-Methyl-2-Pentanone	9.99	43	16052	2.25	ug/l	99
62) Toluene	10.15	91	18355638m	528.42	ug/l	
82) p-Isopropyltoluene	13.29	119	334797	11.88	ug/l	99
91) Naphthalene	15.14	128	6785	8.90	ug/l #	96

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

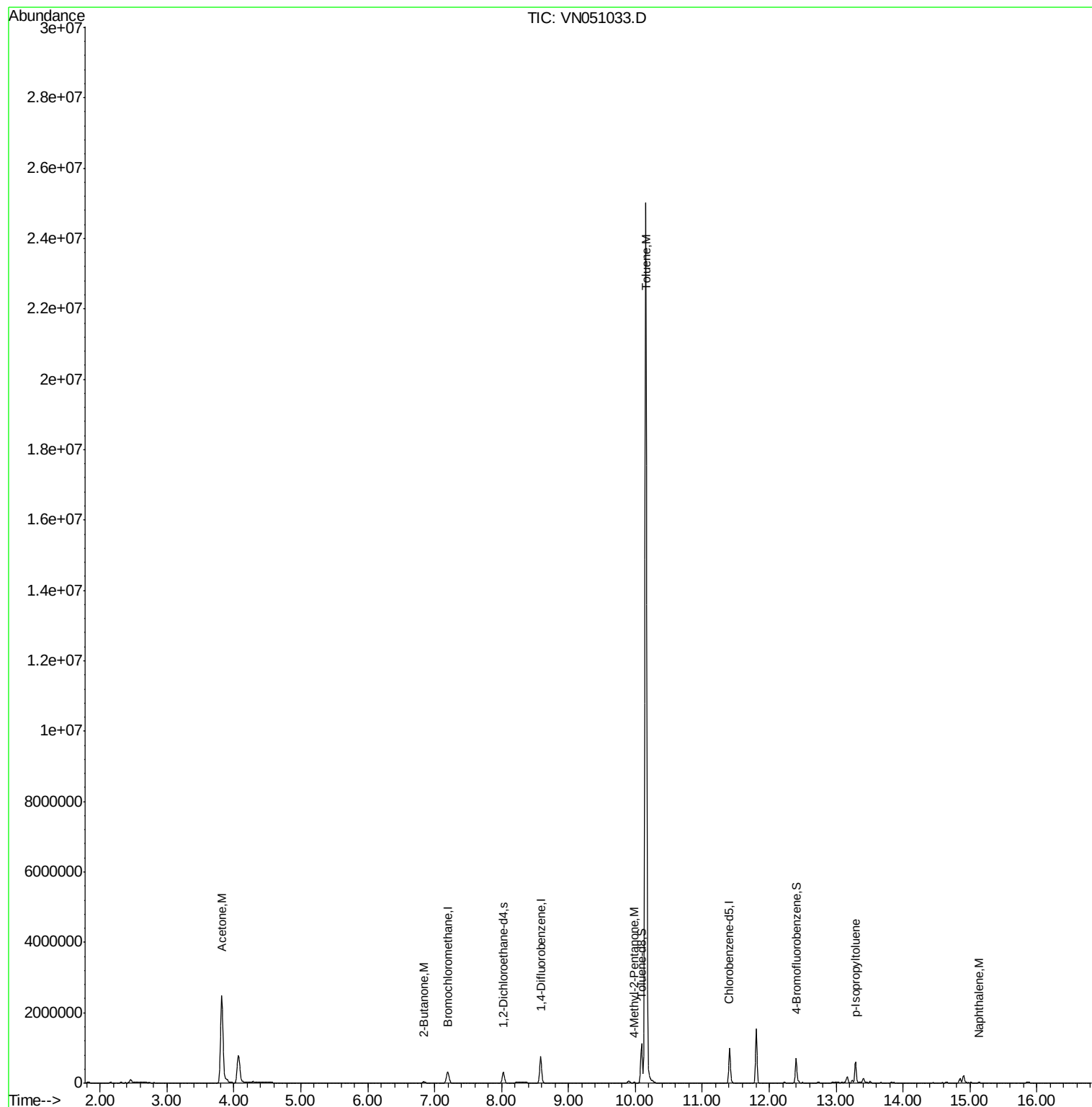
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
Data File : VN051033.D
Acq On : 6 Sep 2018 15:39
Operator : MD\SY
Sample : J4819-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

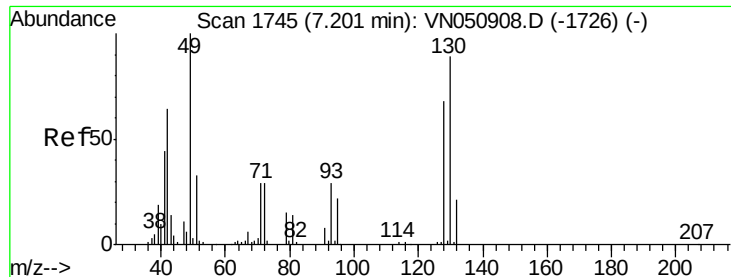
Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD(SEP)

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Quant Time: Sep 07 07:25:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 29 01:38:44 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN051033.D

Acq: 6 Sep 2018 15:39

Instrument :

MSVOA_N

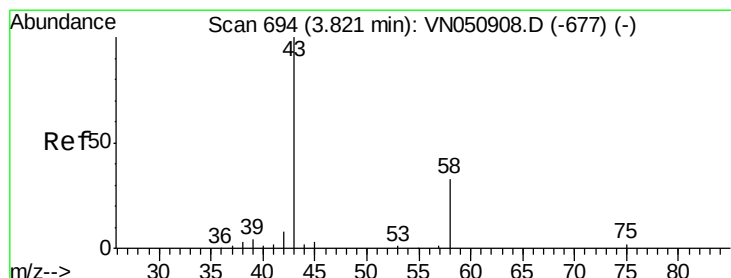
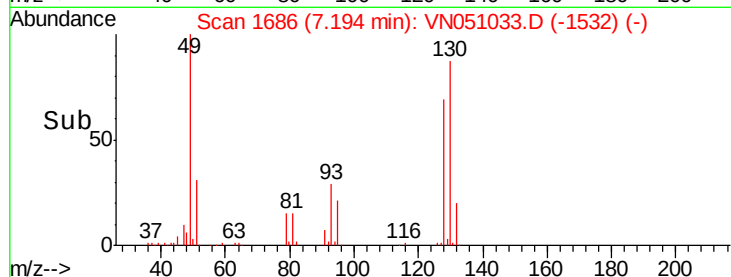
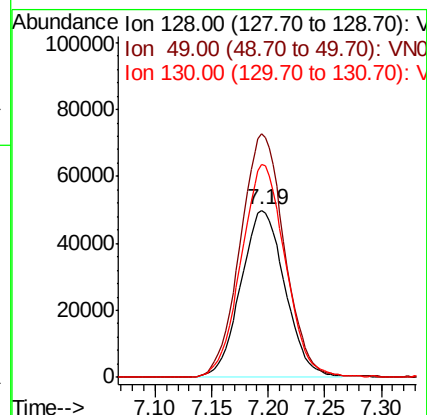
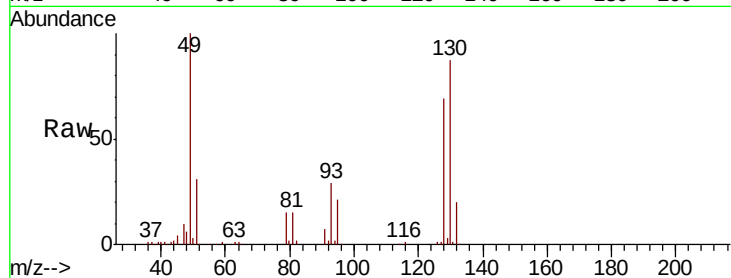
ClientSampleId :

001M-WILLETS-PT-BLVD(SEP)

Tot Ion:	128	Resp:	135484
Ion	Ratio	Lower	Upper
128	100		
49	145.9	0.0	380.3
130	127.8	0.0	325.3

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#15

Acetone

Concen: 1994.25 ug/l

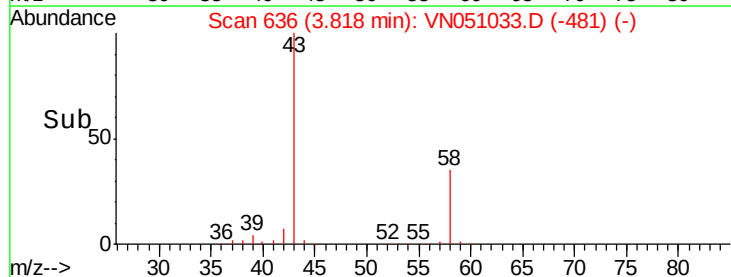
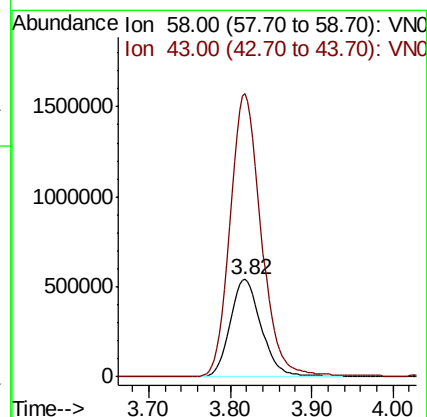
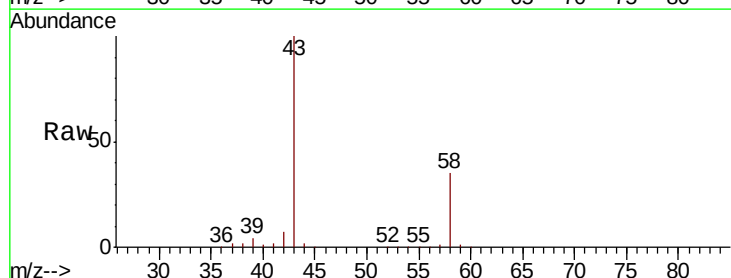
RT: 3.82 min Scan# 636

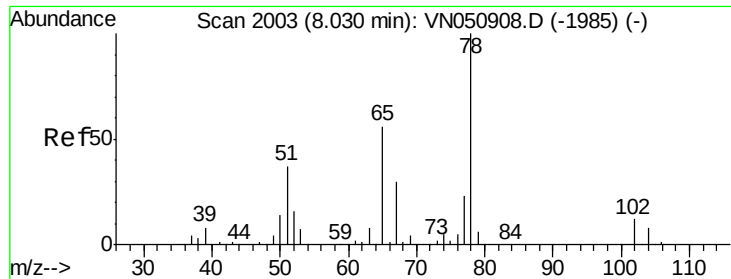
Delta R.T. -0.00 min

Lab File: VN051033.D

Acq: 6 Sep 2018 15:39

Tgt Ion:	58	Resp:	1460594
Ion	Ratio	Lower	Upper
58	100		
43	289.6	239.4	359.0





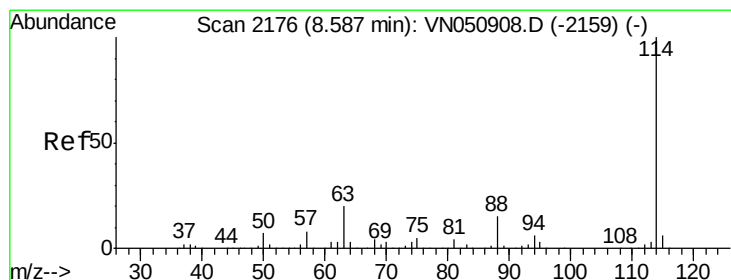
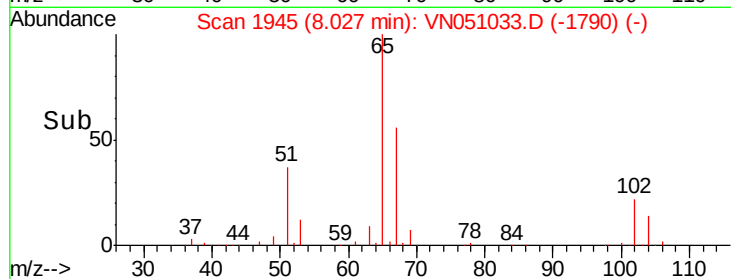
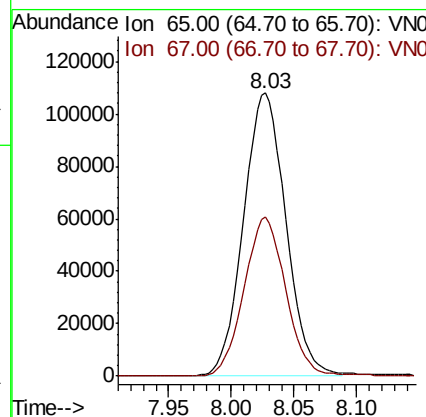
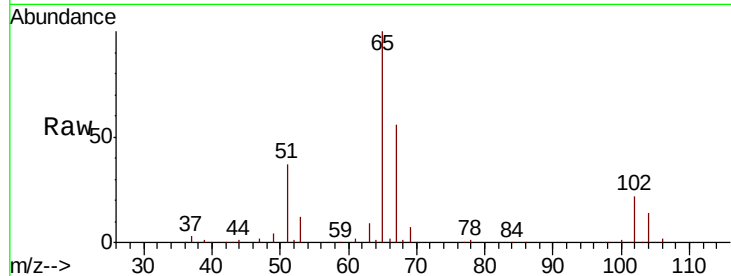
#27
 1,2-Dichloroethane-d4
 Concen: 29.41 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051033.D
 Acq: 6 Sep 2018 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD(SEP)

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	43.7	65.5

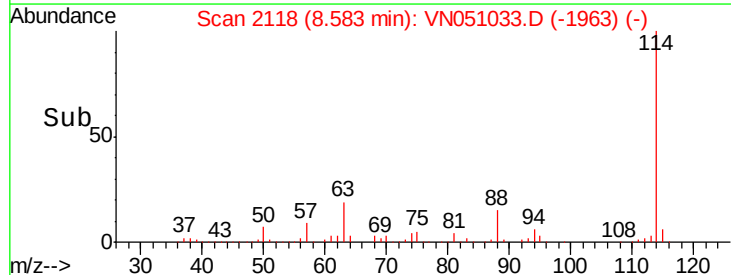
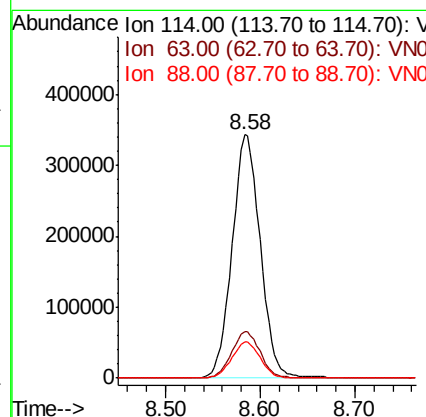
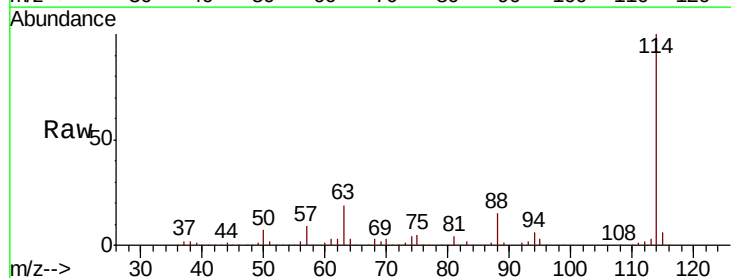
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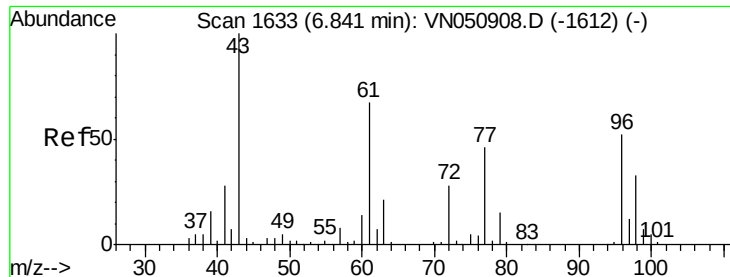
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN051033.D
 Acq: 6 Sep 2018 15:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	15.6	23.4
88	15.2	12.2	18.4





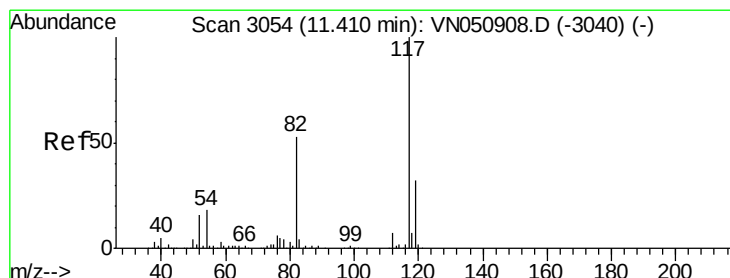
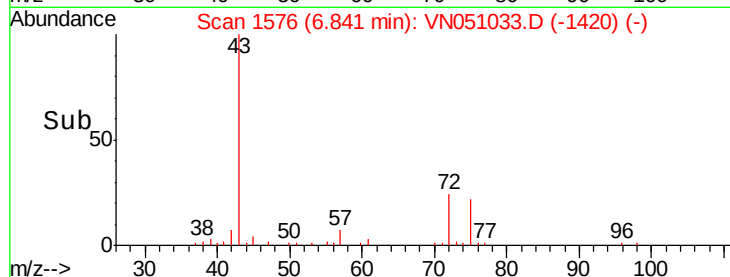
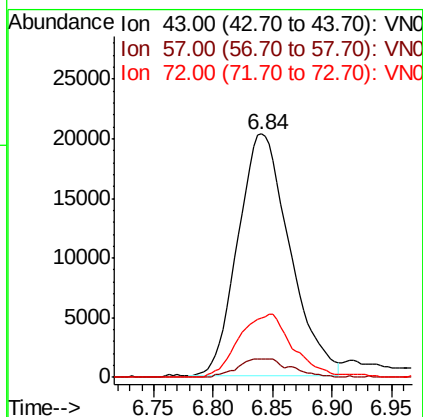
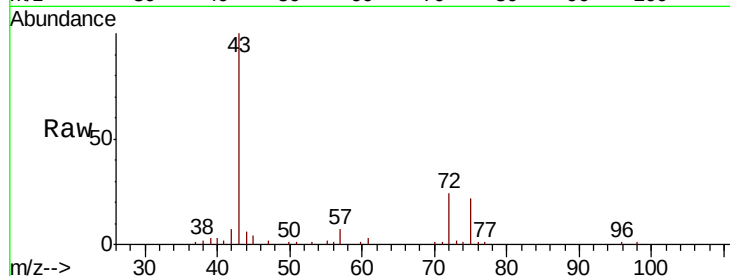
#30
2-Butanone
Concen: 18.66 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051033.D
Acq: 6 Sep 2018 15:39

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD(SEP)

Tot Ion	Ratio	Lower	Upper
43	100		
57	3.7	6.9	10.3#
72	27.0	22.8	34.2

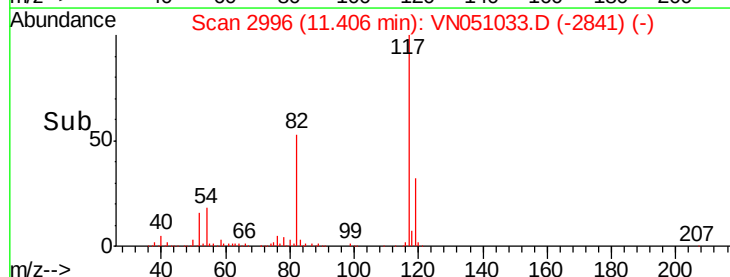
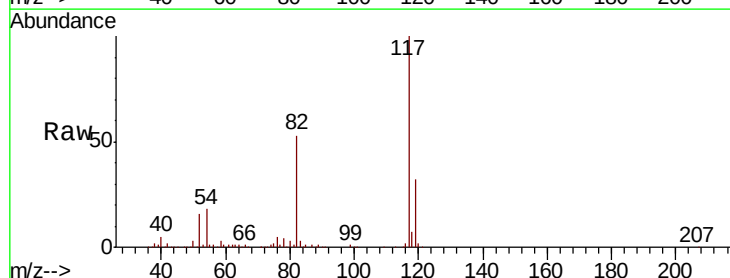
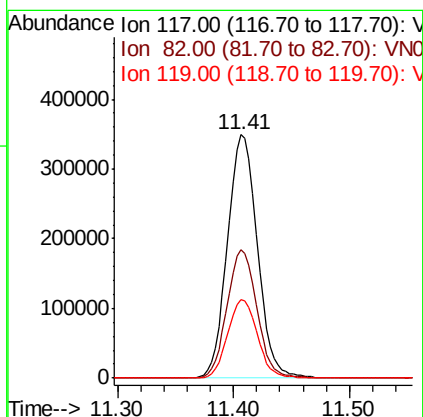
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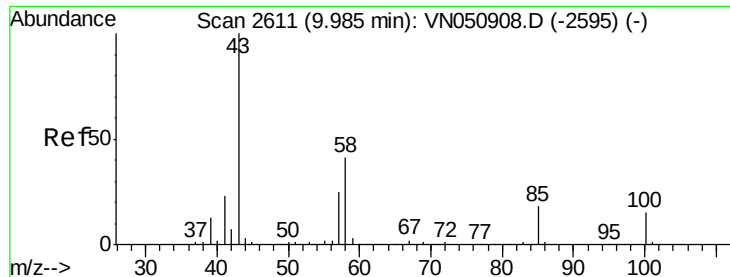
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#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051033.D
Acq: 6 Sep 2018 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	64.0
119	32.2	25.7	38.5





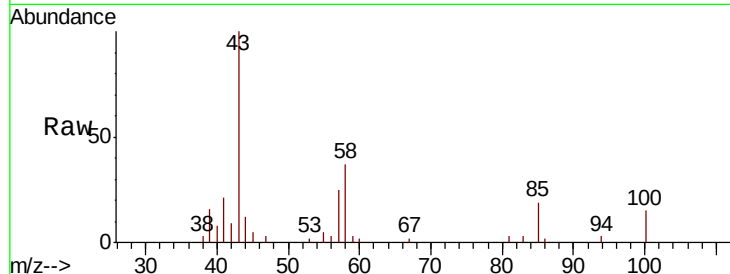
#58
4-Methyl-2-Pentanone
Concen: 2.25 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051033.D
Acq: 6 Sep 2018 15:39

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD(SEP)

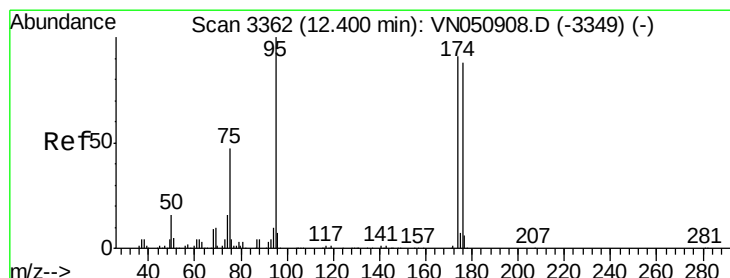
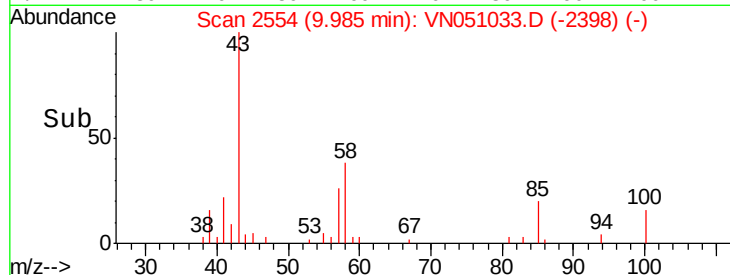
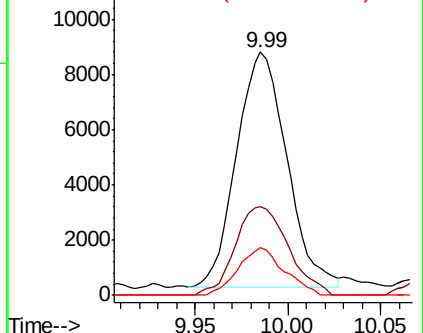
Tot Ion:	43	Resp:	16052
Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.3	48.5
85	18.4	14.9	22.3

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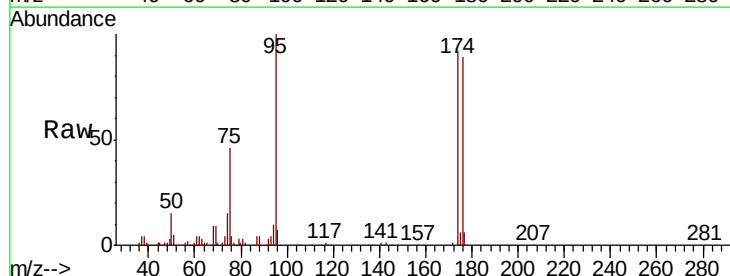


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0
Ion 85.00 (84.70 to 85.70): VN0

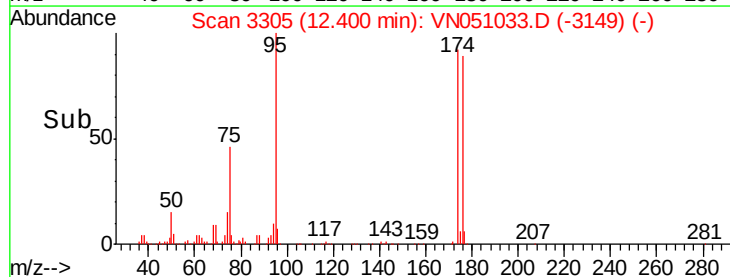
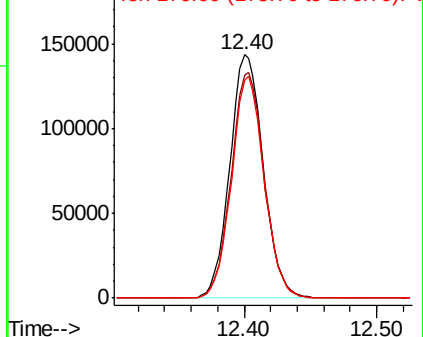


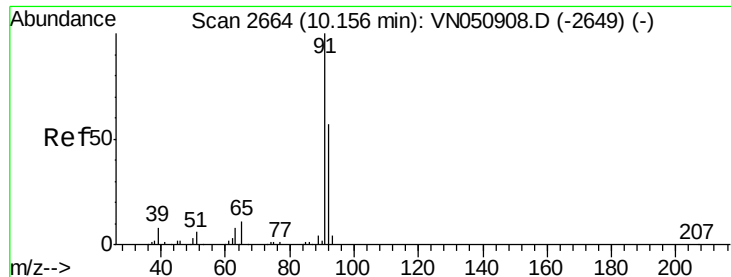
#60
4-Bromofluorobenzene
Concen: 27.09 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051033.D
Acq: 6 Sep 2018 15:39

Tgt Ion:	95	Resp:	250817
Ion	Ratio	Lower	Upper
95	100		
174	92.3	74.6	112.0
176	88.9	71.5	107.3



Abundance Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#62

Toluene

Concen: 528.42 ug/l m

RT: 10.15 min Scan# 2605

Delta R.T. -0.01 min

Lab File: VN051033.D

Acq: 6 Sep 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD(SEP)

Tot Ion: 91 Resp:18355638

Ion Ratio Lower Upper

91 100

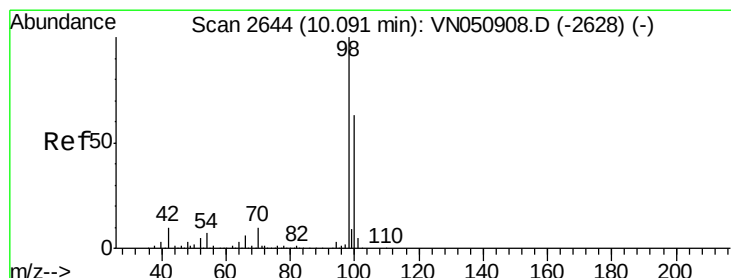
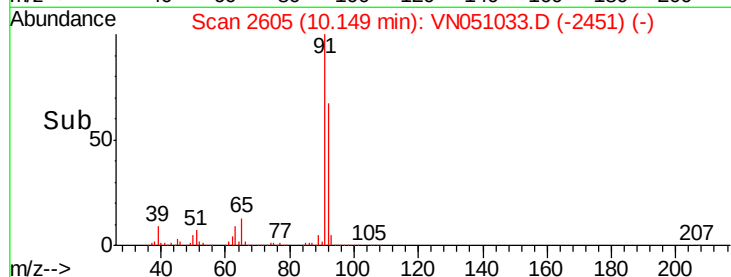
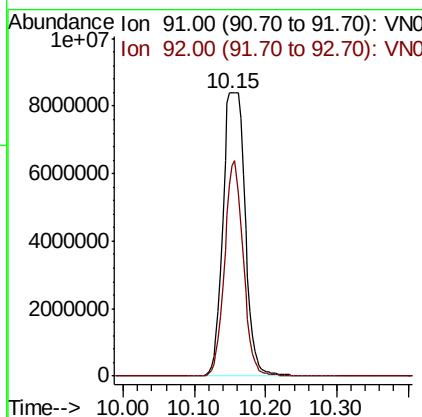
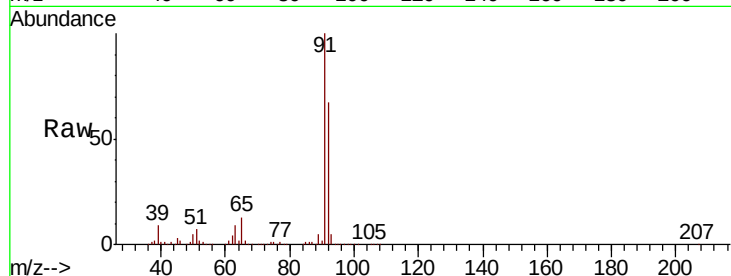
92 0.0 45.8 68.8#

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#63

Toluene-d8

Concen: 29.36 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051033.D

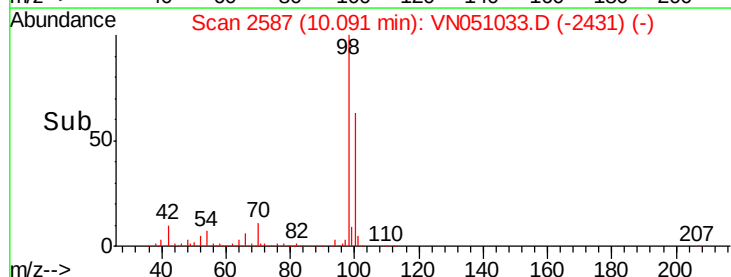
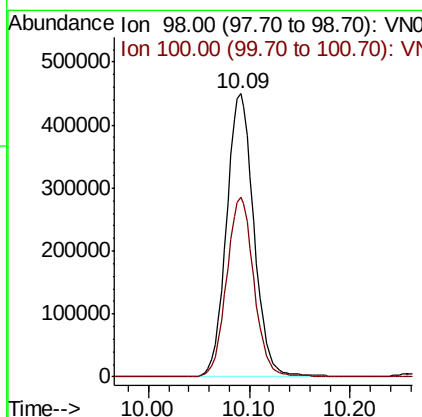
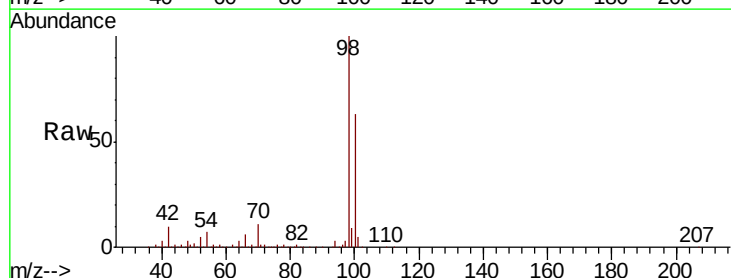
Acq: 6 Sep 2018 15:39

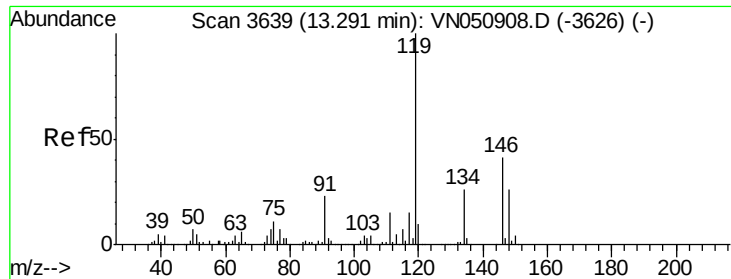
Tgt Ion: 98 Resp: 852458

Ion Ratio Lower Upper

98 100

100 63.2 50.6 75.8





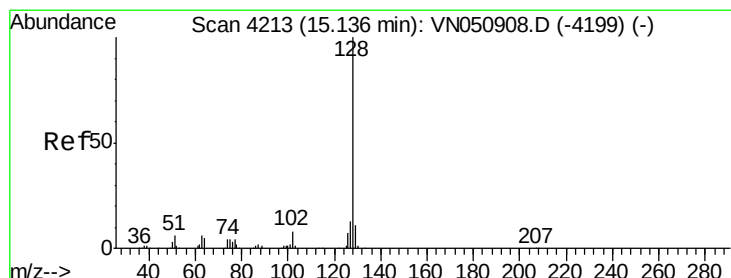
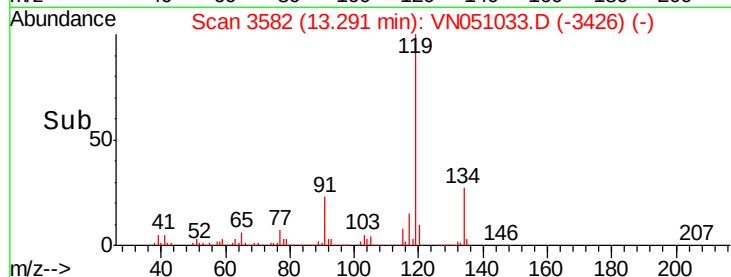
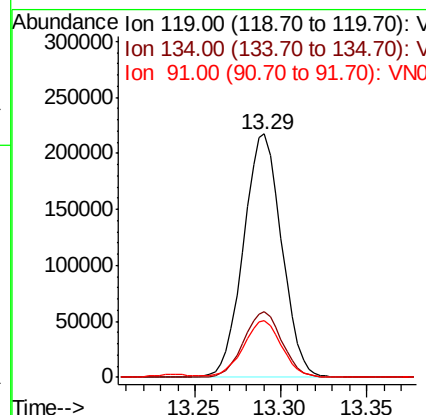
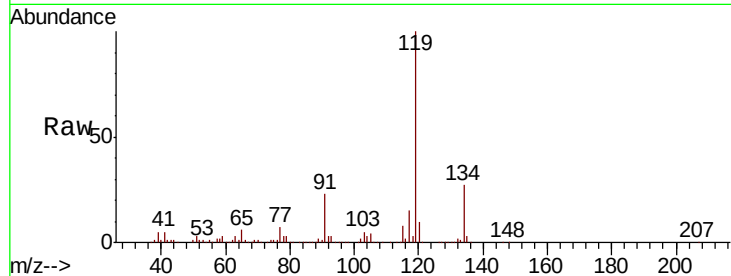
#82
 p-Isopropyltoluene
 Concen: 11.88 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051033.D
 Acq: 6 Sep 2018 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD(SEP)

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	26.9	0.0	53.2
91	23.3	0.0	46.0

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#91
 Naphthalene
 Concen: 8.90 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN051033.D
 Acq: 6 Sep 2018 15:39

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
127	14.0	10.6	16.0
129	13.3	8.7	13.1#

