

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052734.D
 Acq On : 7 Dec 2018 18:31
 Operator : MD\SY
 Sample : J6307-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 28

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

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 12:51:17 PM

Quant Time: Dec 10 11:02:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 08 00:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.48	128	105676	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.73	114	609984	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.44	117	525724	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.23	65	225344m	31.30	ug/l	-0.12
Spiked Amount 30.000	Range 50 - 169		Recovery	=	104.33%	
60) 4-Bromofluorobenzene	12.42	95	233271	29.02	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	96.73%	
63) Toluene-d8	10.16	98	709147	29.09	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	96.97%	
Target Compounds						
15) Acetone	4.20	58	665295m	1197.413	ug/l	Qvalue
62) Toluene	10.23	91	482304	16.642	ug/l	100

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

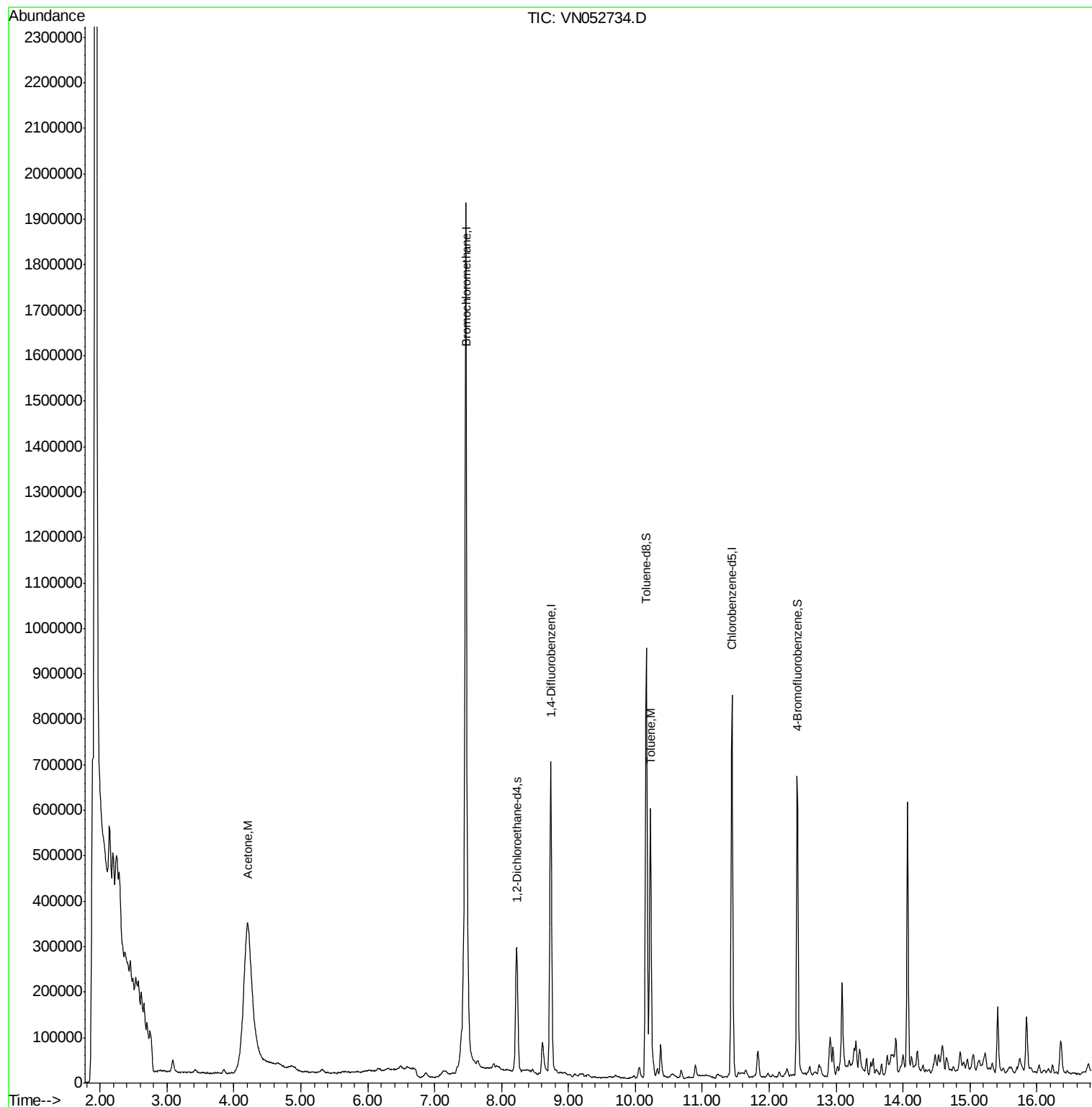
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
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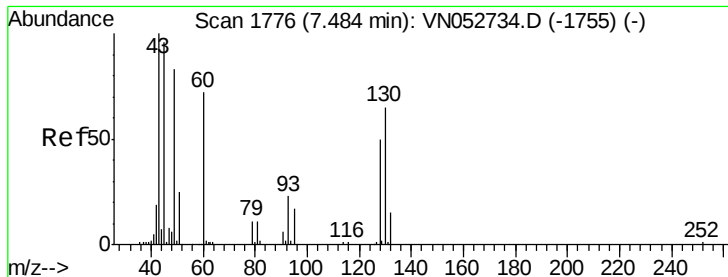
Instrument :
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Dec 08 00:11:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.48 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VN052734.D

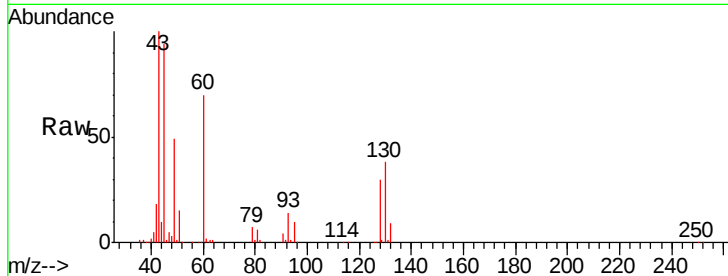
Acq: 7 Dec 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

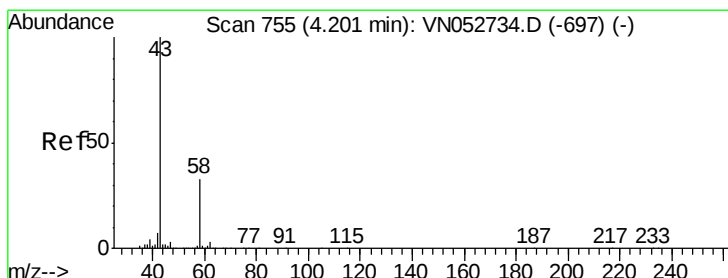
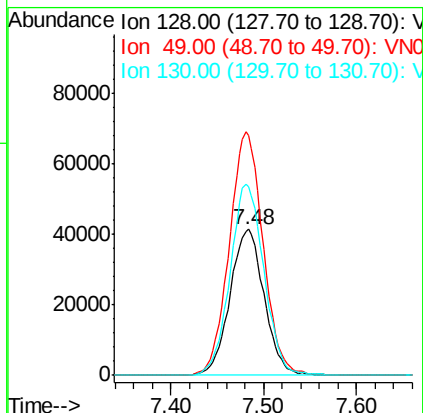
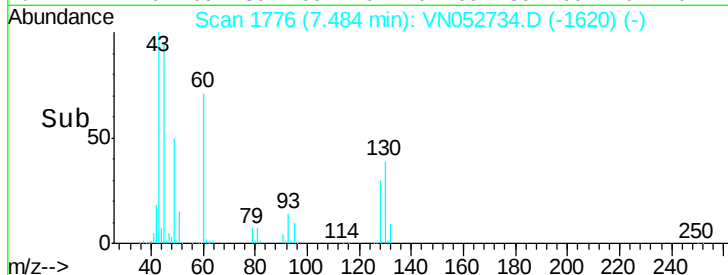
001M-WILLETS-PT-BLVD(DEC)



Tgt Ion	Ratio	Resp	Lower	Upper
128	100	105676		
49	164.9	0.0	431.8	
130	130.0	0.0	317.0	

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#15

Acetone

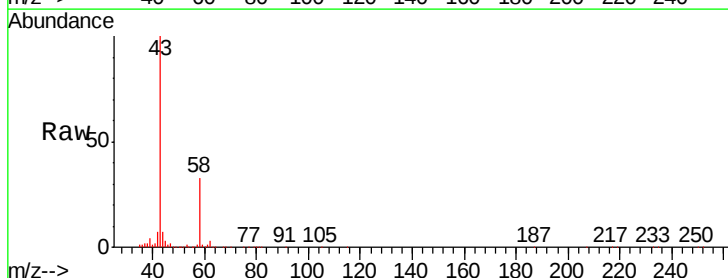
Concen: 1197.413 ug/l m

RT: 4.20 min Scan# 755

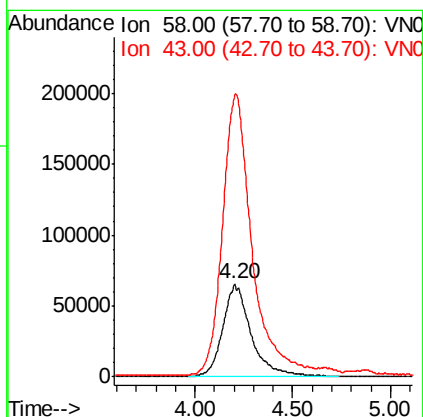
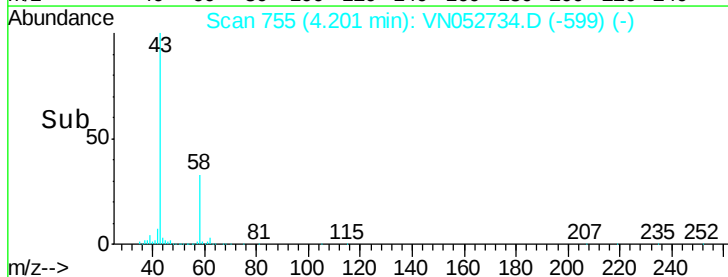
Delta R.T. 0.00 min

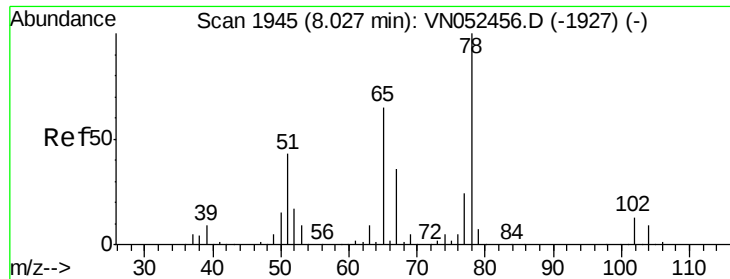
Lab File: VN052734.D

Acq: 7 Dec 2018 18:31



Tgt Ion	Ratio	Resp	Lower	Upper
58	100	665295		
43	301.0	243.6	365.4	





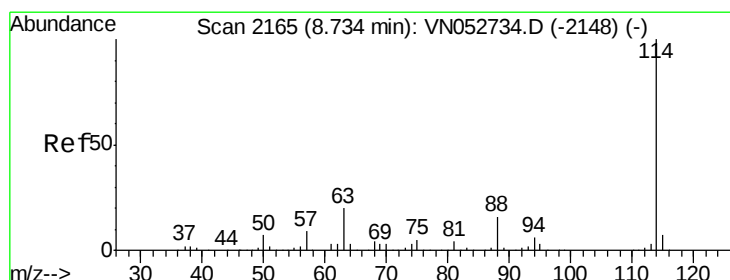
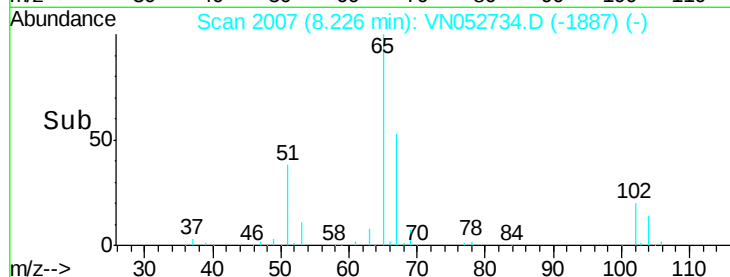
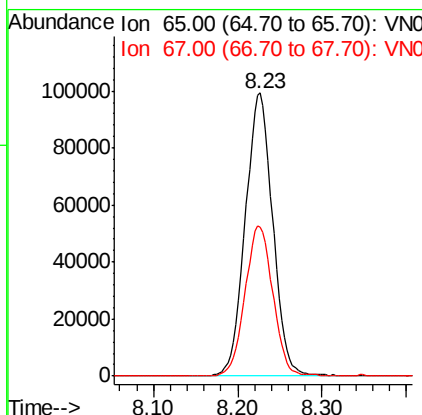
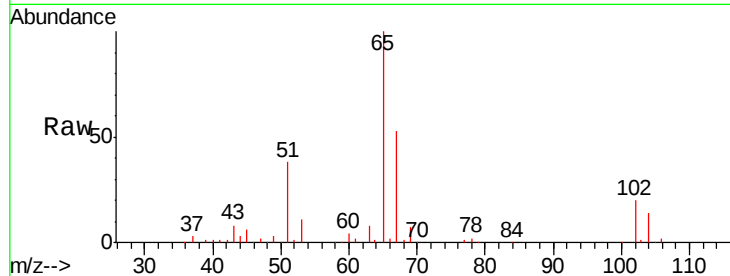
#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l m
 RT: 8.23 min Scan# 2007
 Delta R.T. -0.12 min
 Lab File: VN052734.D
 Acq: 7 Dec 2018 18:31

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

Tgt Ion: 65 Resp: 225344
 Ion Ratio Lower Upper
 65 100
 67 0.1 44.6 66.8#

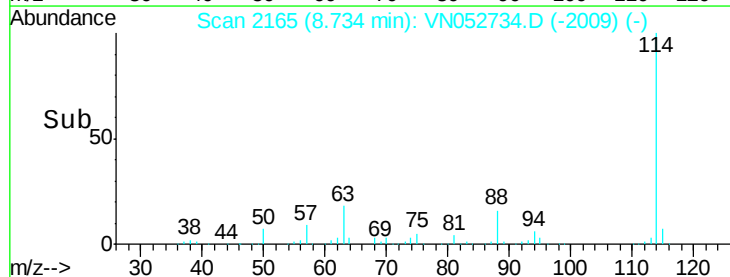
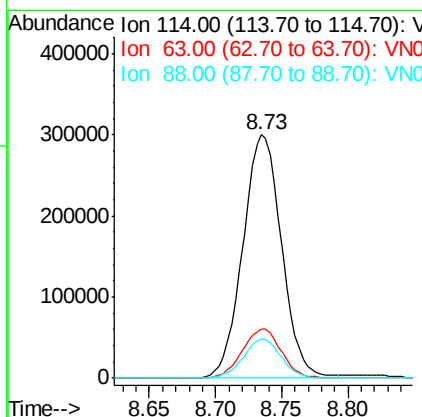
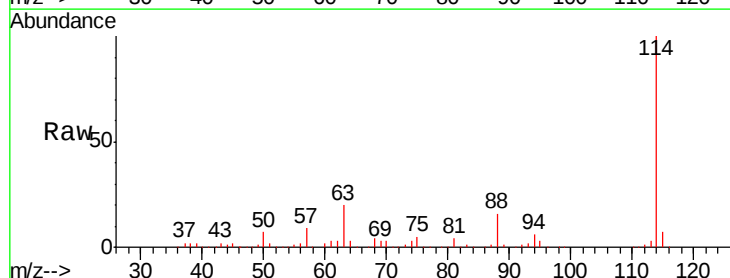
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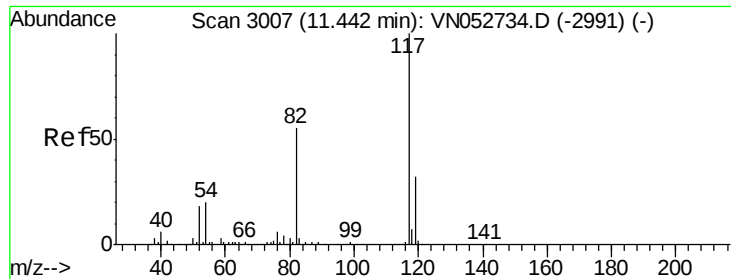
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.73 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN052734.D
 Acq: 7 Dec 2018 18:31

Tgt Ion: 114 Resp: 609984
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.9 25.3
 88 15.8 12.8 19.2





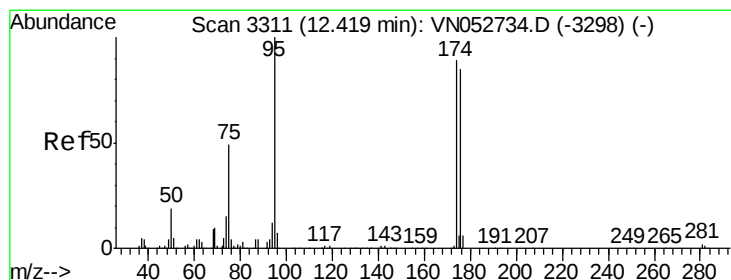
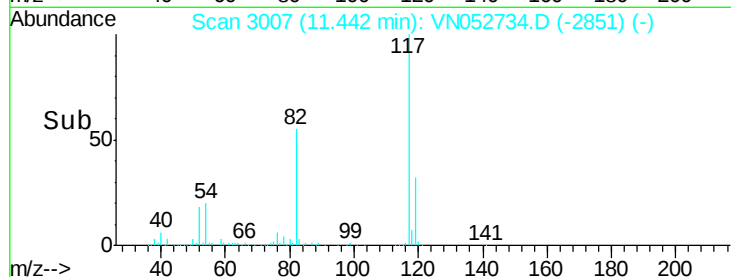
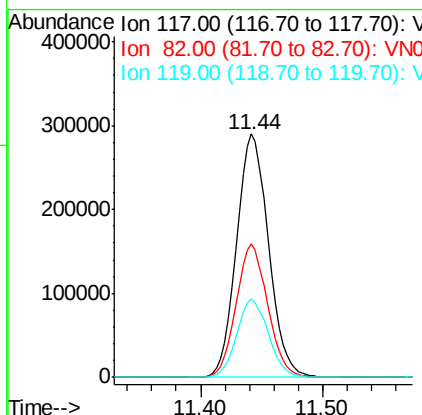
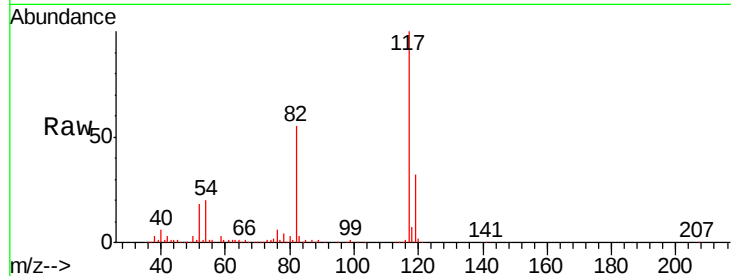
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.44 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VN052734.D
Acq: 7 Dec 2018 18:31

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.2	44.2	66.2
119	31.8	25.4	38.2

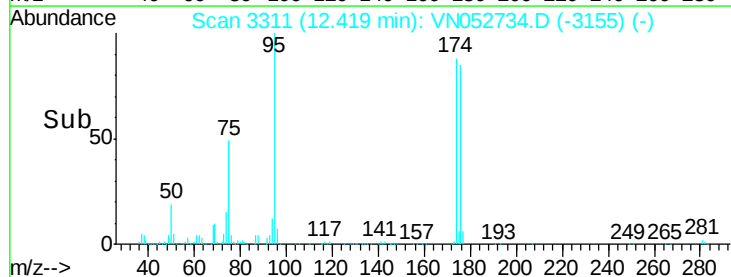
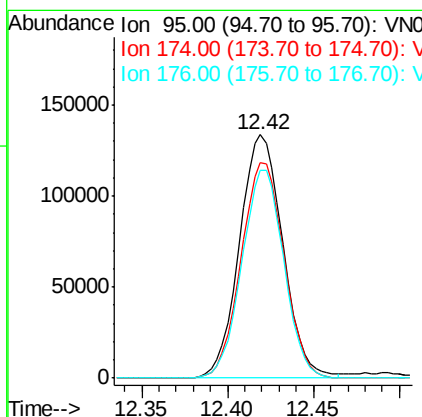
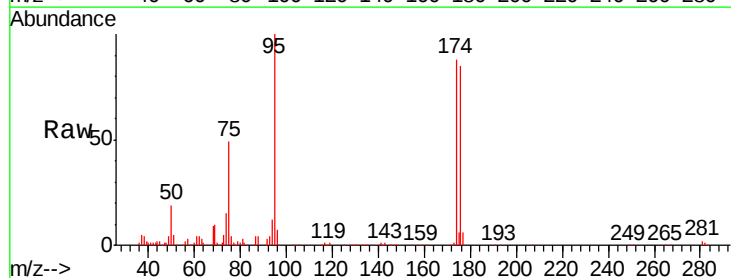
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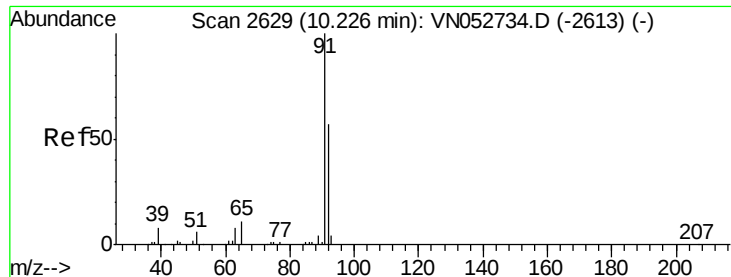
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#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 3311
Delta R.T. 0.00 min
Lab File: VN052734.D
Acq: 7 Dec 2018 18:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
95	100		
174	88.0	67.9	101.9
176	83.2	66.4	99.6





#62

Toluene

Concen: 16.642 ug/l

RT: 10.23 min Scan# 2629

Delta R.T. 0.00 min

Lab File: VN052734.D

Acq: 7 Dec 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD(DEC)

Tgt Ion: 91 Resp: 482304

Ion Ratio Lower Upper

91 100

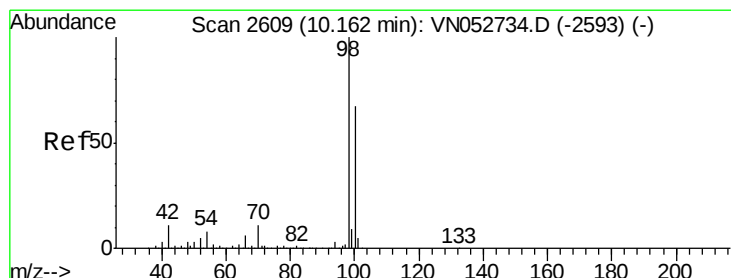
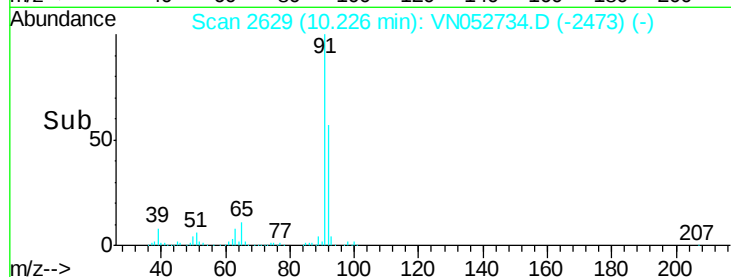
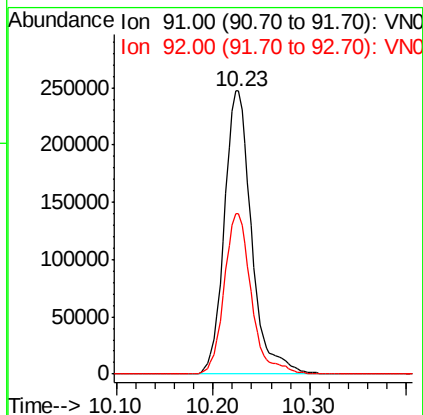
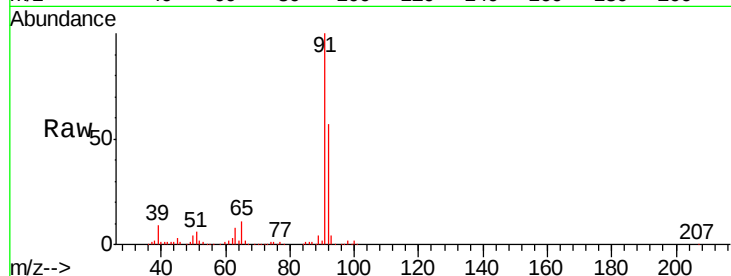
92 56.9 45.4 68.2

Manual Integrations

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#63

Toluene-d8

Concen: 16.642 ug/l

RT: 10.16 min Scan# 2609

Delta R.T. 0.00 min

Lab File: VN052734.D

Acq: 7 Dec 2018 18:31

Tgt Ion: 98 Resp: 709147

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7

