

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052735.D
 Acq On : 7 Dec 2018 18:57
 Operator : MD\SY
 Sample : J6307-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE(DEC)

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 12:51:22 PM

Quant Time: Dec 10 11:03:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 08 02:17:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.70	128	123023	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.85	114	705275	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.47	117	595649	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.38	65	262780	31.64	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	105.47%		
60) 4-Bromofluorobenzene	12.43	95	255931	28.45	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	94.83%		
63) Toluene-d8	10.22	98	813881	29.64	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	98.80%		
Target Compounds						
15) Acetone	4.59	58	548628m	890.454	ug/l	Qvalue
62) Toluene	10.28	91	466467	15.120	ug/l	99

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

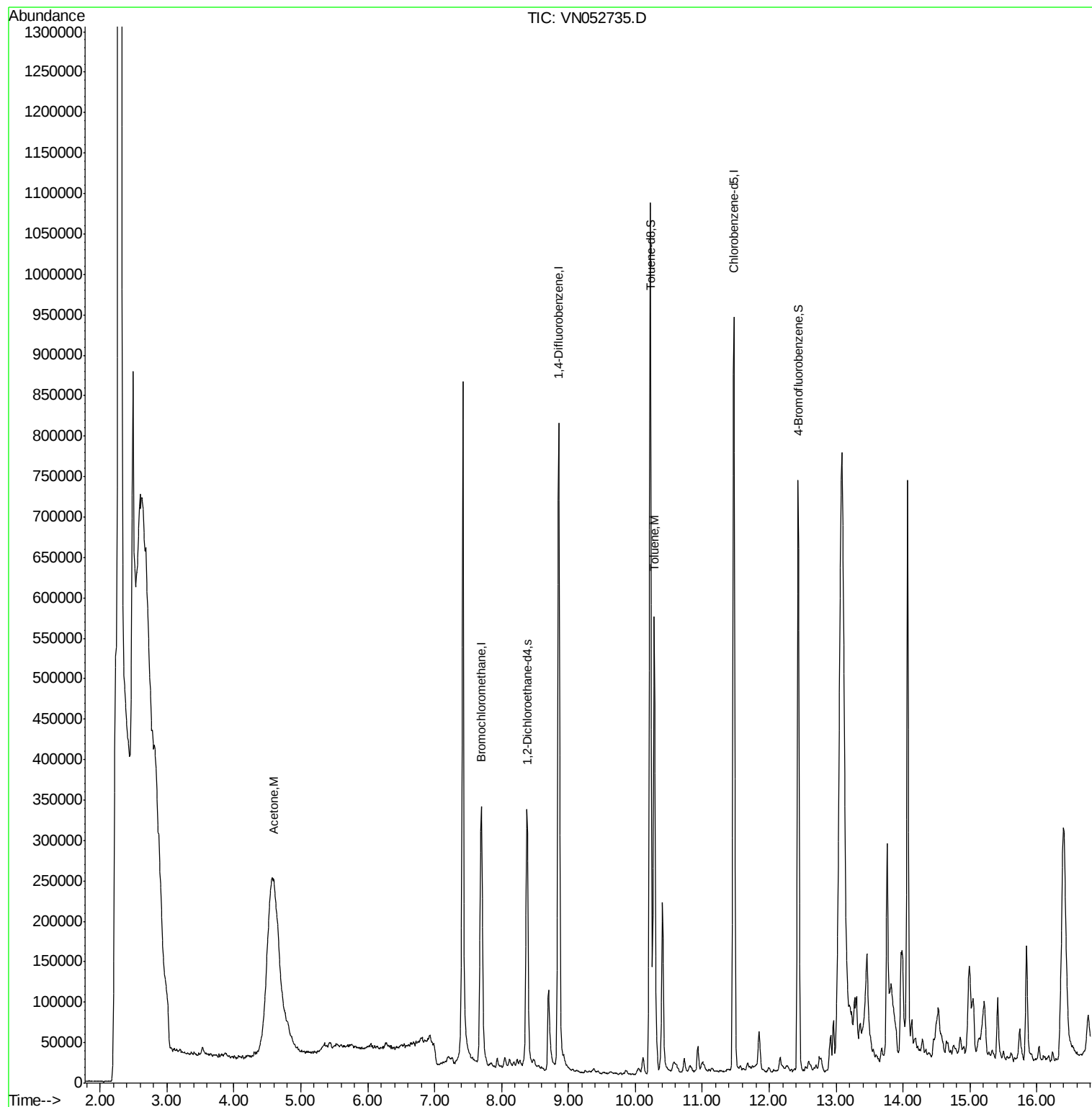
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052735.D
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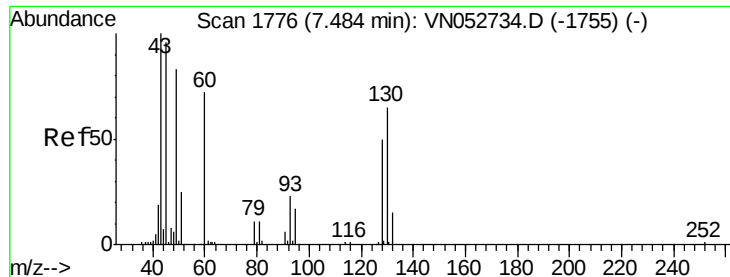
Instrument :
MSVOA_N
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002M-35TH-AVE(DEC)

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Quant Time: Dec 10 11:03:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Dec 08 02:17:21 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.70 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VN052735.D

Acq: 7 Dec 2018 18:57

Instrument :

MSVOA_N

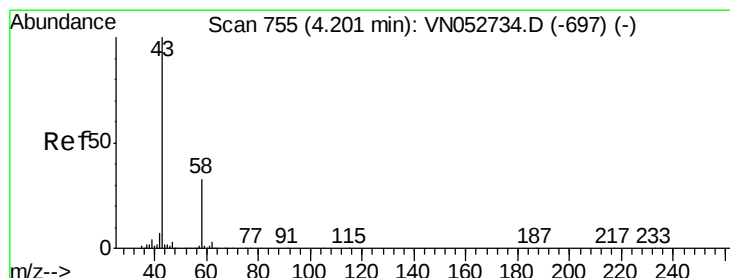
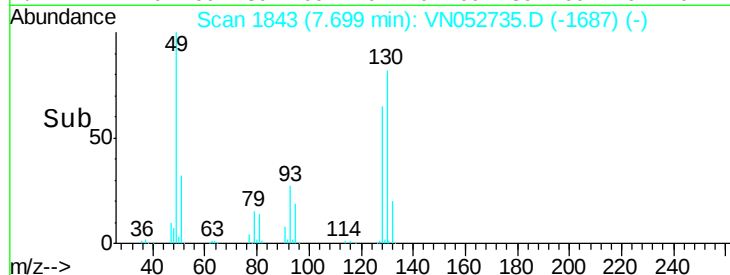
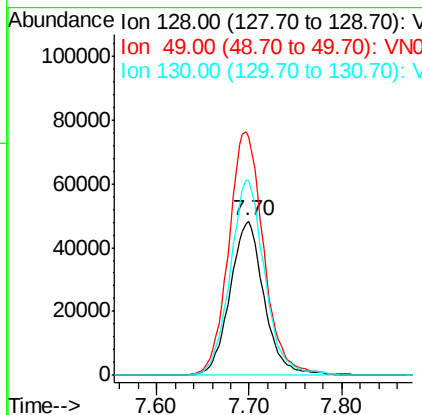
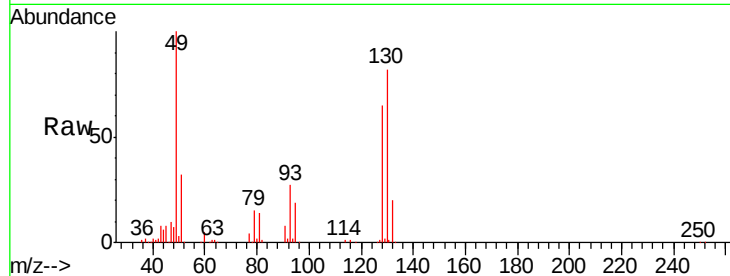
ClientSampleId :

002M-35TH-AVE(DEC)

Tgt	Ion	128	Resp:	123023
Ion	Ratio	Lower	Upper	
128	100			
49	162.1	0.0	431.8	
130	128.5	0.0	317.0	

Manual Integrations
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#15

Acetone

Concen: 890.454 ug/l m

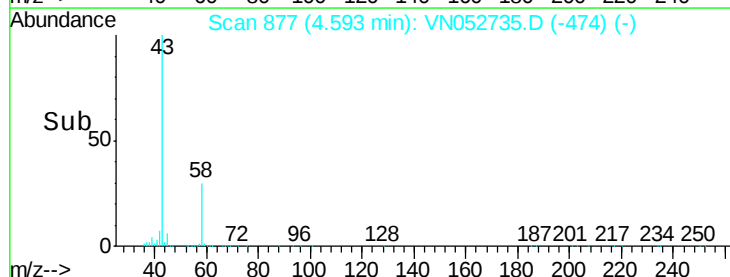
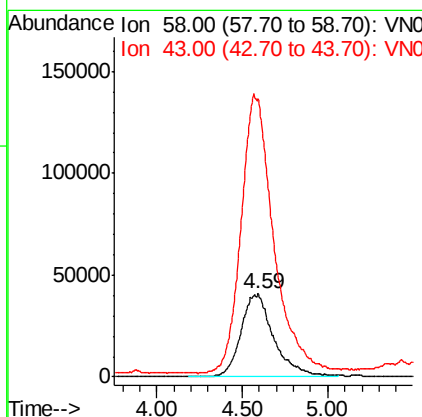
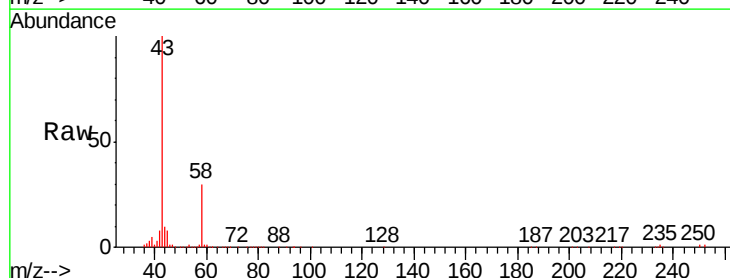
RT: 4.59 min Scan# 877

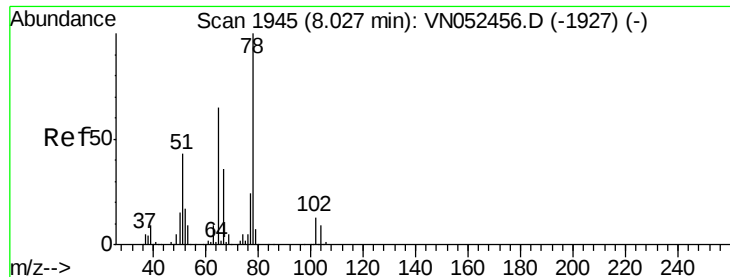
Delta R.T. 0.79 min

Lab File: VN052735.D

Acq: 7 Dec 2018 18:57

Tgt	Ion	58	Resp:	548628
Ion	Ratio	Lower	Upper	
58	100			
43	333.8	243.6	365.4	





#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.38 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VN052735.D

Acq: 7 Dec 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

002M-35TH-AVE(DEC)

Tgt Ion: 65 Resp: 262780

Ion Ratio Lower Upper

65 100

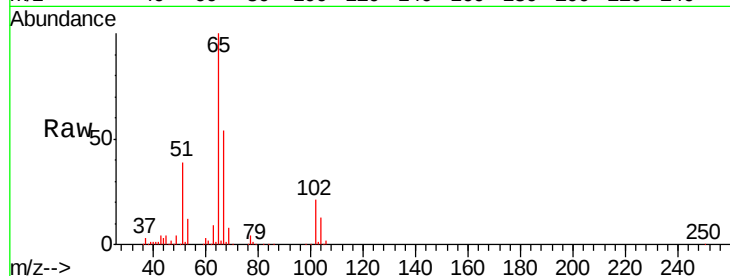
67 54.2 44.6 66.8

Manual Integrations

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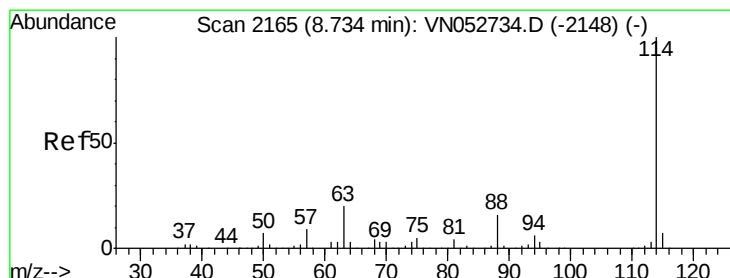
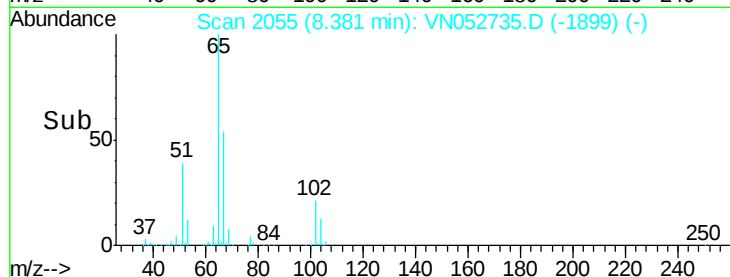
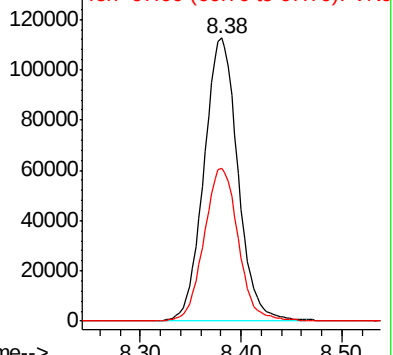
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Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.85 min Scan# 2202

Delta R.T. 0.00 min

Lab File: VN052735.D

Acq: 7 Dec 2018 18:57

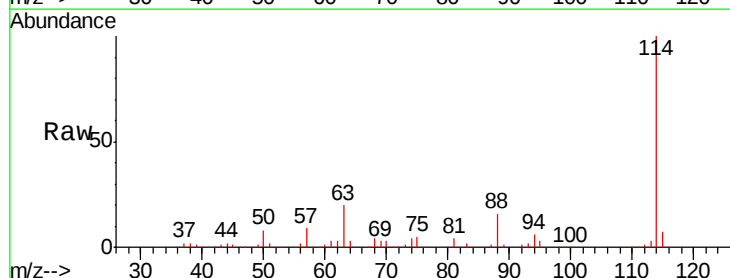
Tgt Ion: 114 Resp: 705275

Ion Ratio Lower Upper

114 100

63 20.3 16.9 25.3

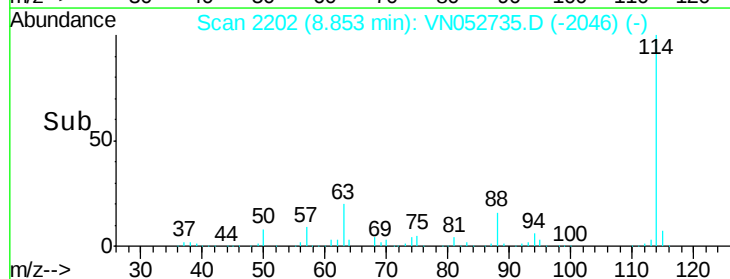
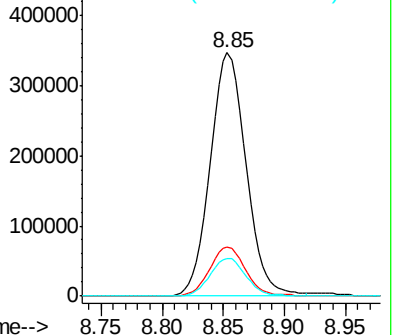
88 15.7 12.8 19.2

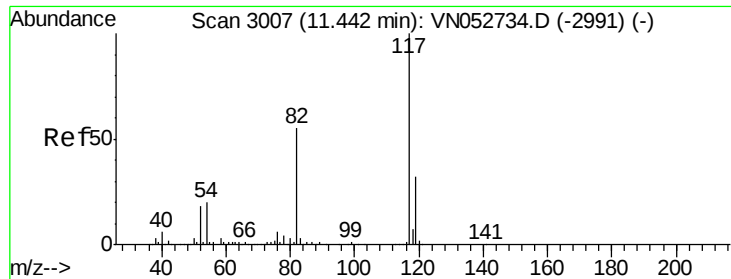


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





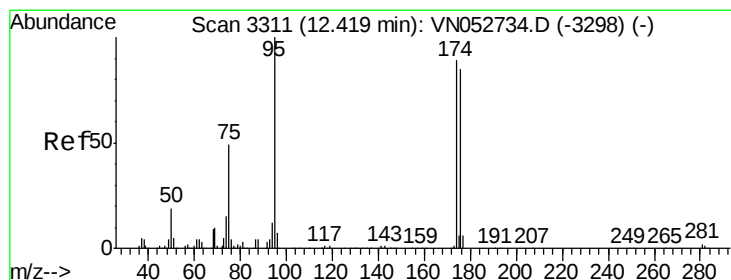
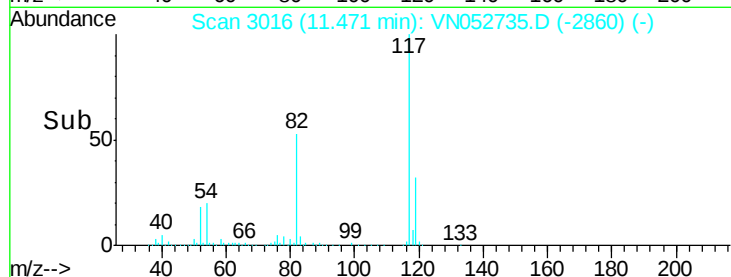
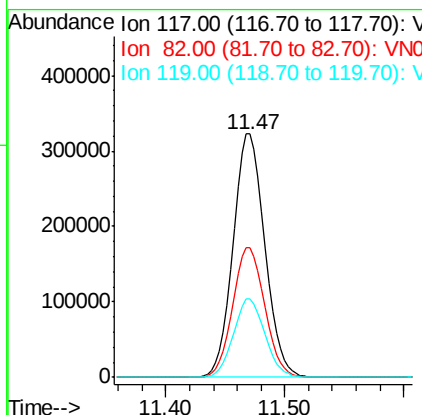
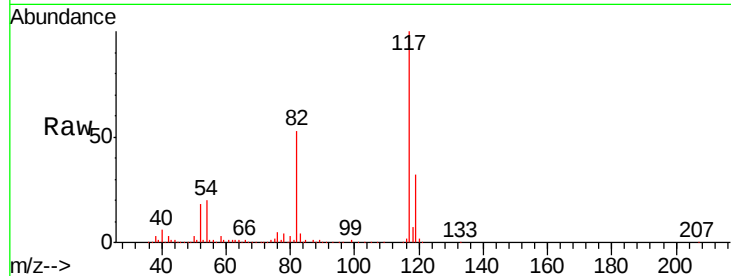
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.47 min Scan# 3016
Delta R.T. 0.00 min
Lab File: VN052735.D
Acq: 7 Dec 2018 18:57

Instrument :
MSVOA_N
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002M-35TH-AVE(DEC)

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	54.0	44.2	66.2
119	32.2	25.4	38.2

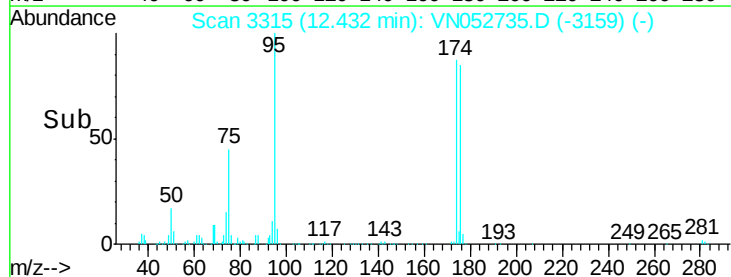
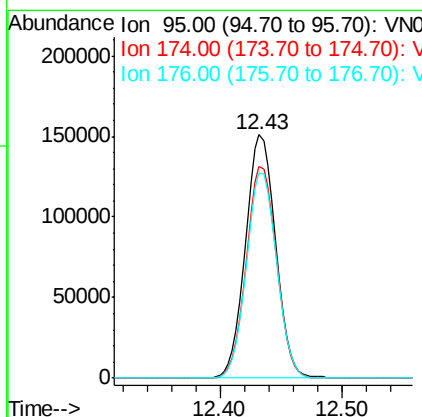
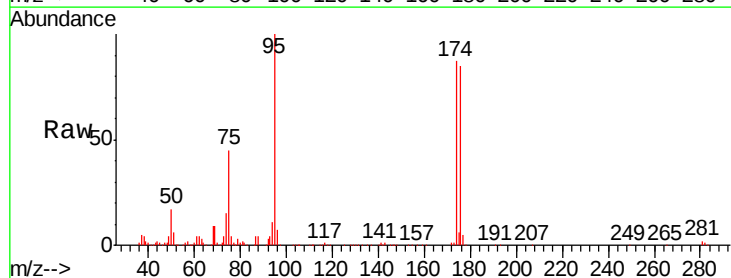
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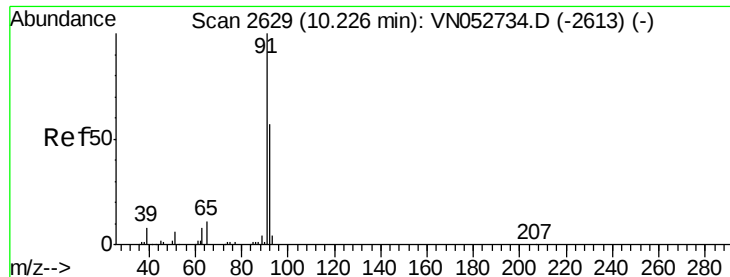
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#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 3315
Delta R.T. 0.00 min
Lab File: VN052735.D
Acq: 7 Dec 2018 18:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
95	100		
174	87.0	67.9	101.9
176	84.6	66.4	99.6





#62

Toluene

Concen: 15.120 ug/l

RT: 10.28 min Scan# 2647

Delta R.T. 0.00 min

Lab File: VN052735.D

Acq: 7 Dec 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

002M-35TH-AVE(DEC)

Tgt Ion: 91 Resp: 466467

Ion Ratio Lower Upper

91 100

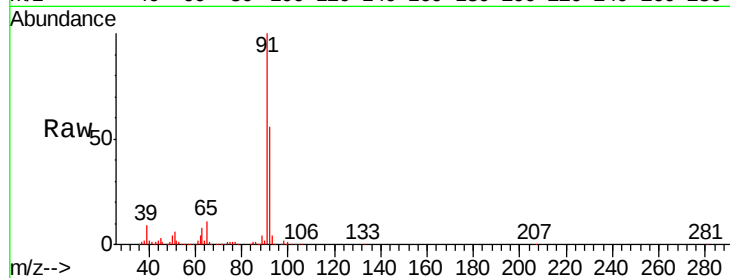
92 56.2 45.4 68.2

Manual Integrations

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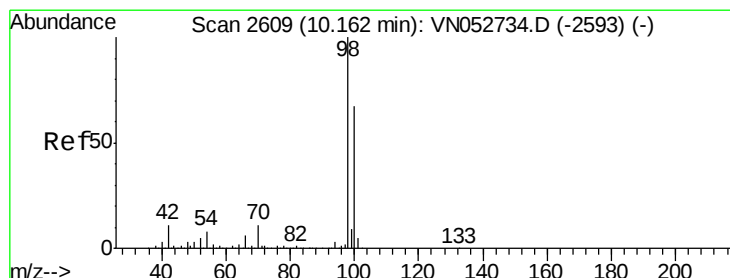
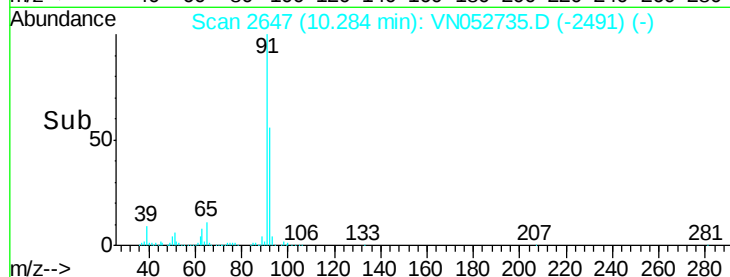
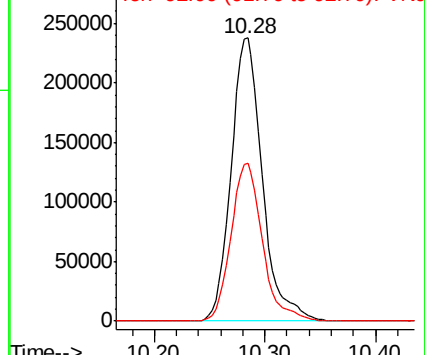
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0



#63

Toluene-d8

Concen: 15.120 ug/l

RT: 10.22 min Scan# 2628

Delta R.T. 0.00 min

Lab File: VN052735.D

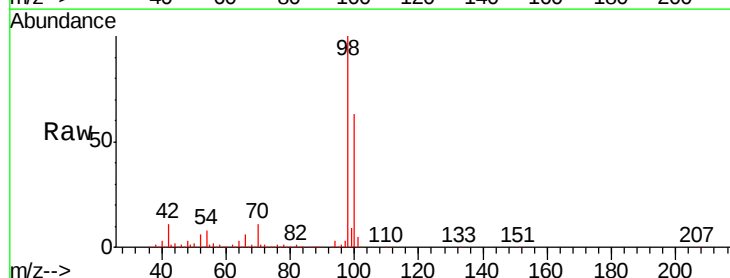
Acq: 7 Dec 2018 18:57

Tgt Ion: 98 Resp: 813881

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

