

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080218\
 Data File : VN050298.D
 Acq On : 3 Aug 2018 6:17
 Operator : MD\SY
 Sample : J4303-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A19R

Manual Integrations
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MMDadoda
 8/3/2018 9:37:18 AM

Quant Time: Aug 07 06:17:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	677469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1106766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	935366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413277	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	471144	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	7.59	113	418141	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
50) Toluene-d8	10.09	98	1506032	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
62) 4-Bromofluorobenzene	12.40	95	463719	42.39	ug/l	0.00
Spiked Amount			Recovery	=	84.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	13065	1.553	ug/l	97
17) Carbon Disulfide	4.05	76	14068	0.588	ug/l	98
18) Methyl Acetate	4.34	43	16260	0.257	ug/l	91
19) Methyl tert-butyl Ether	5.05	73	12274	0.590	ug/l #	43
39) Methylcyclohexane	9.08	83	32170	2.508	ug/l	95
67) Ethyl Benzene	11.51	91	11831	0.312	ug/l	93
73) Isopropylbenzene	12.25	105	628983	19.624	ug/l	100
78) n-propylbenzene	12.59	91	944187	26.355	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	305752	12.127	ug/l	100
83) tert-Butylbenzene	12.99	119	49417	2.246	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	248742	9.788	ug/l	99
85) sec-Butylbenzene	13.17	105	438896	14.930	ug/l	88
86) p-Isopropyltoluene	13.29	119	17013m	0.687	ug/l	
89) n-Butylbenzene	13.62	91	139471m	6.847	ug/l	

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

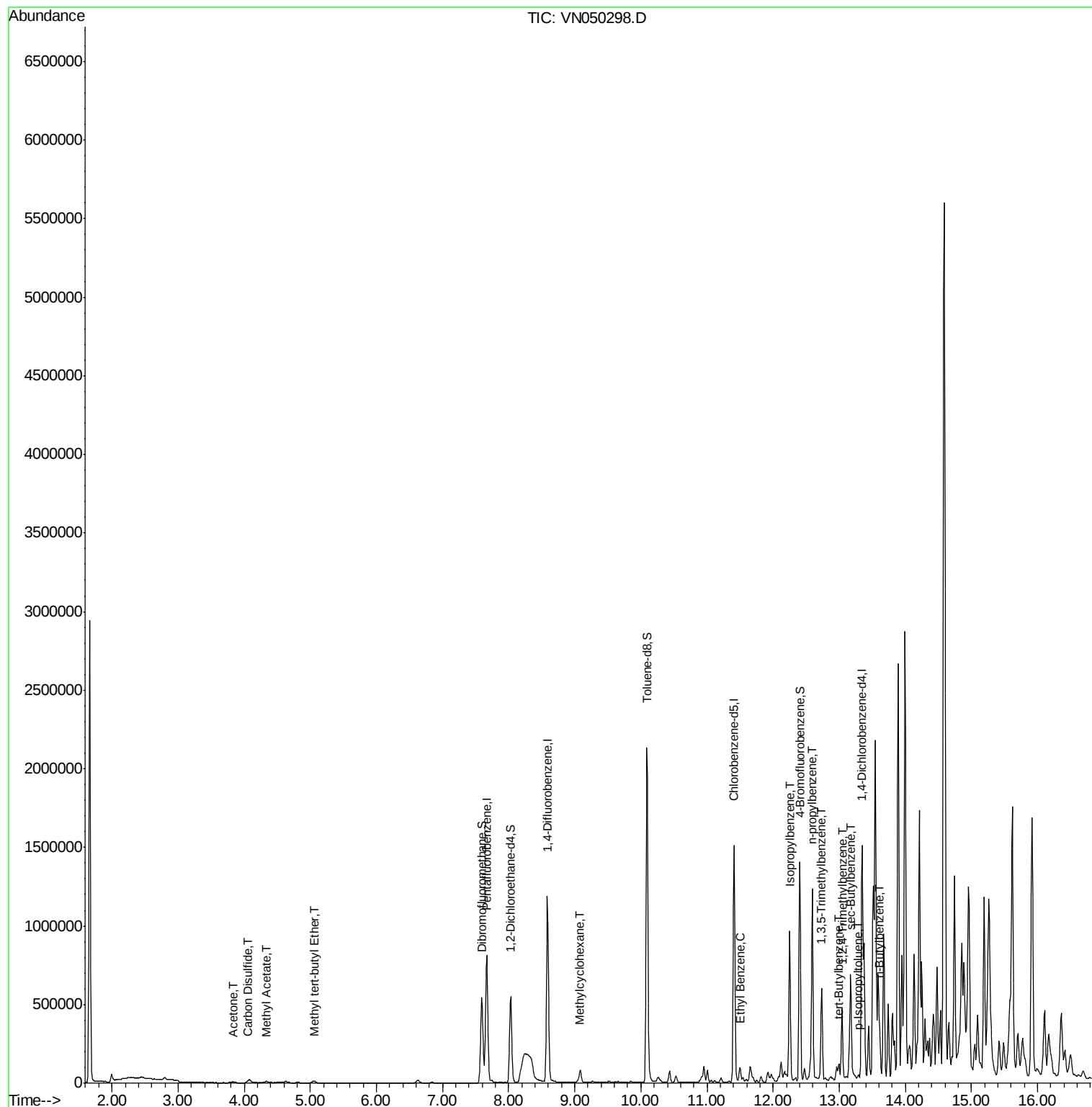
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Data File : VN050298.D
Acq On : 3 Aug 2018 6:17
Operator : MD\SY
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 46 Sample Multiplier: 1

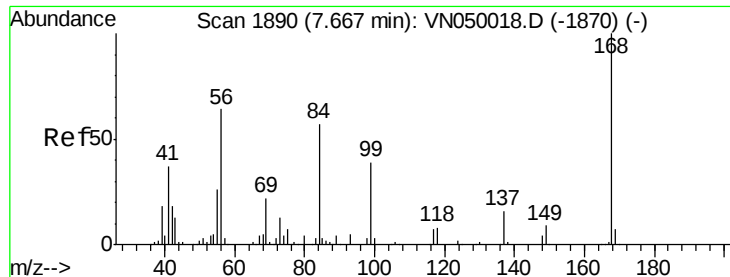
Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

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Quant Time: Aug 07 06:17:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

MW-A19R

Tgt Ion: 168 Resp: 677469

Ion Ratio Lower Upper

168 100

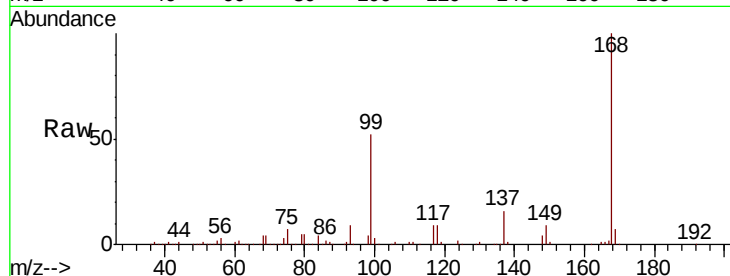
99 51.9 40.0 60.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

150000

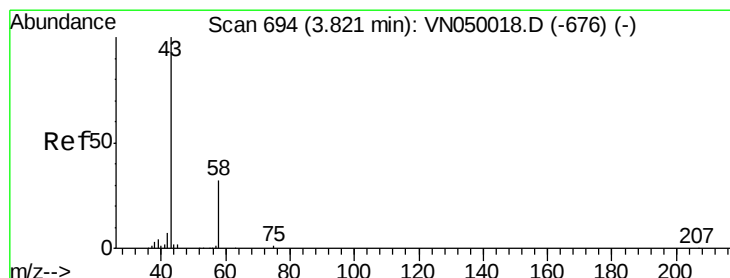
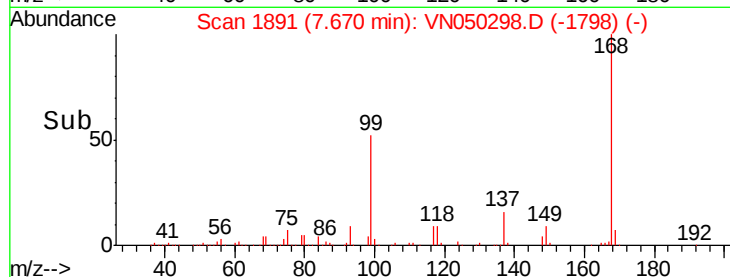
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50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 1.553 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050298.D

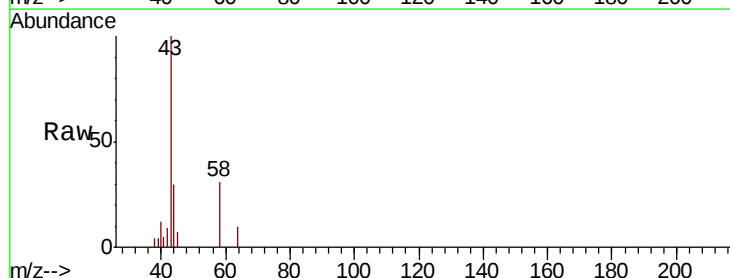
Acq: 3 Aug 2018 6:17

Tgt Ion: 43 Resp: 13065

Ion Ratio Lower Upper

43 100

58 30.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

5000

4000

3000

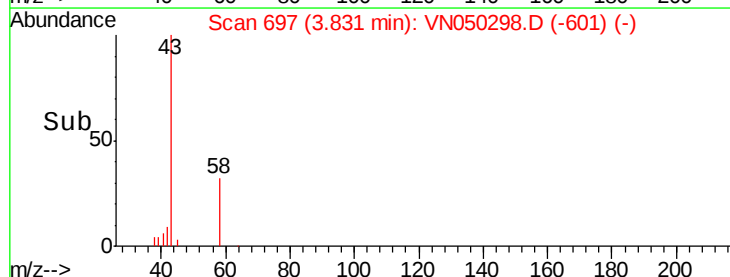
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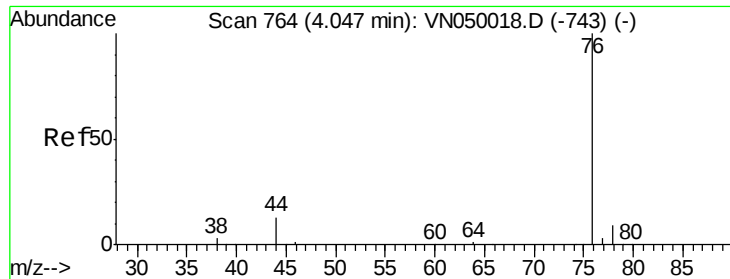
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3.70 3.80 3.90

Time-->





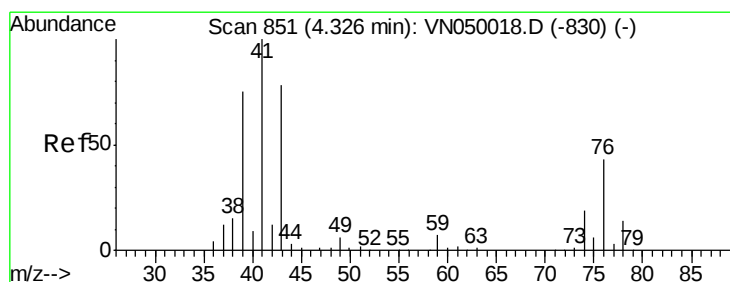
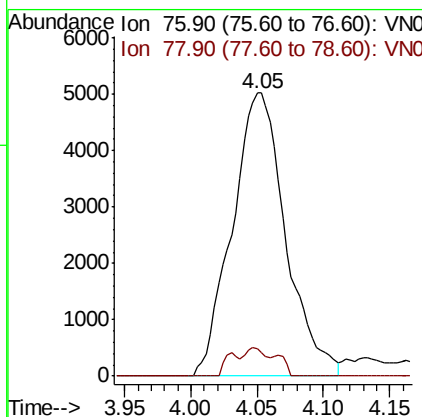
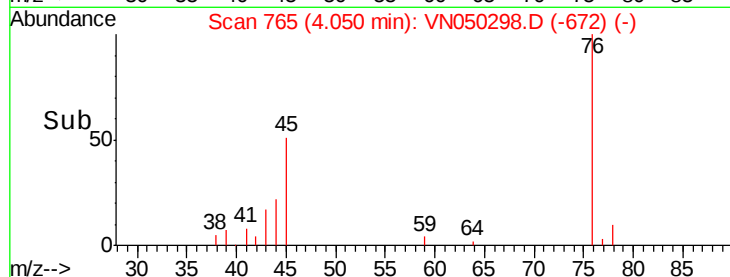
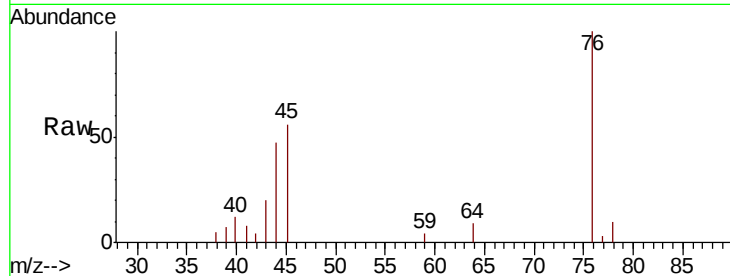
#17
Carbon Disulfide
Concen: 0.588 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

Tgt Ion: 76 Resp: 14068
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9

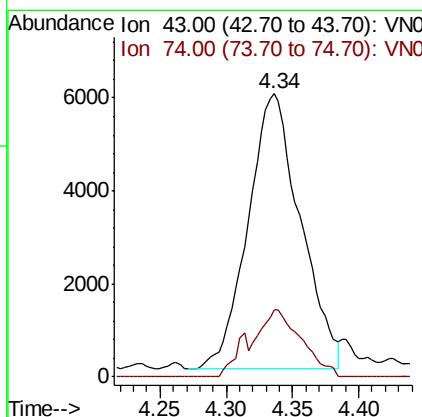
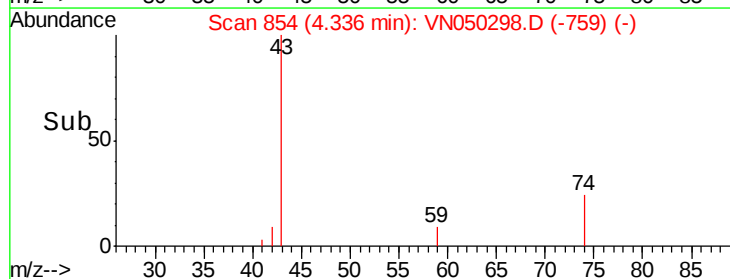
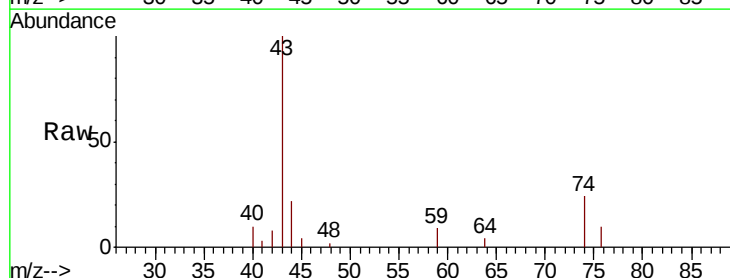
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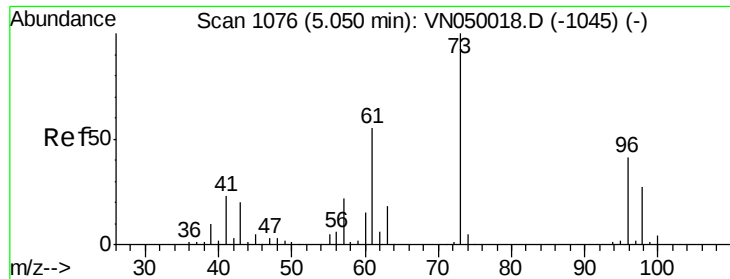
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#18
Methyl Acetate
Concen: 0.257 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion: 43 Resp: 16260
Ion Ratio Lower Upper
43 100
74 19.6 19.2 28.8





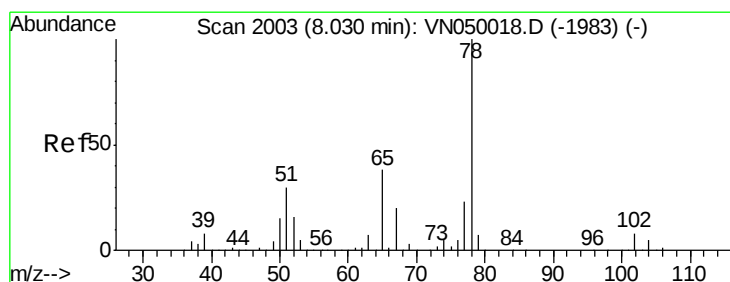
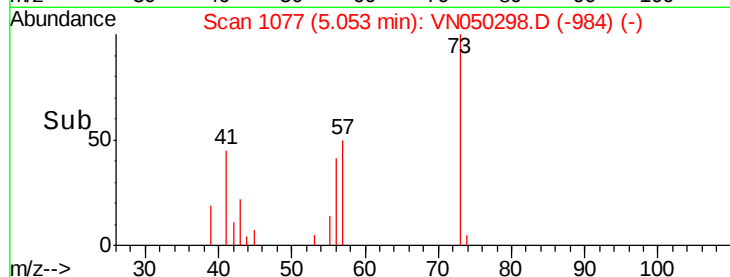
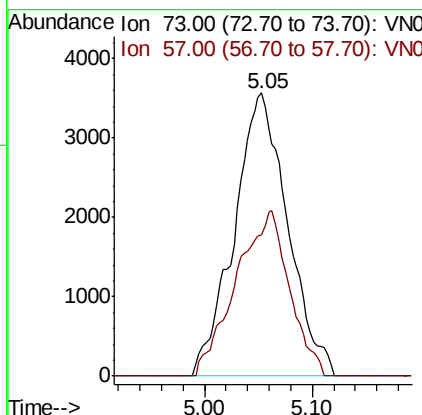
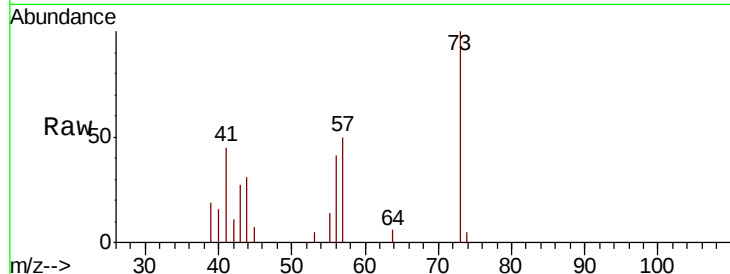
#19
Methyl tert-butyl Ether
Concen: 0.590 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

Tgt Ion: 73 Resp: 12274
Ion Ratio Lower Upper
73 100
57 49.8 18.0 27.0#

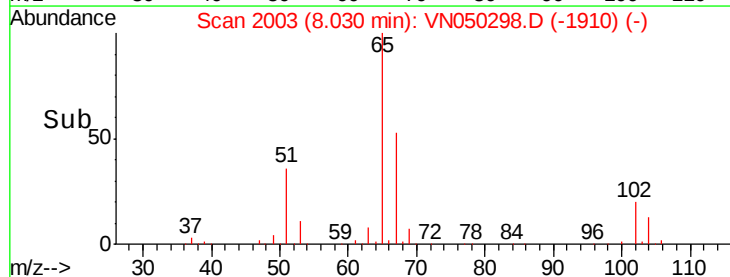
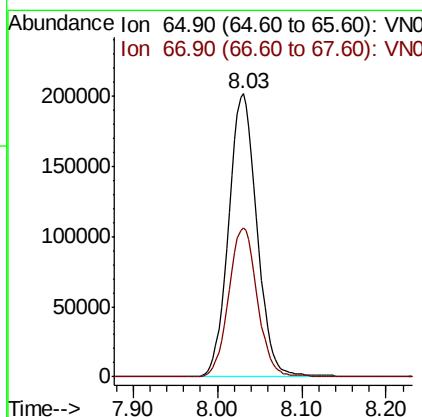
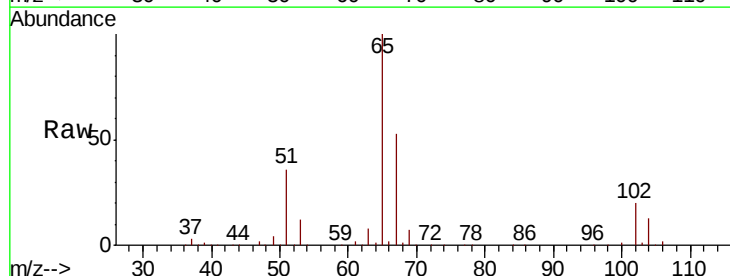
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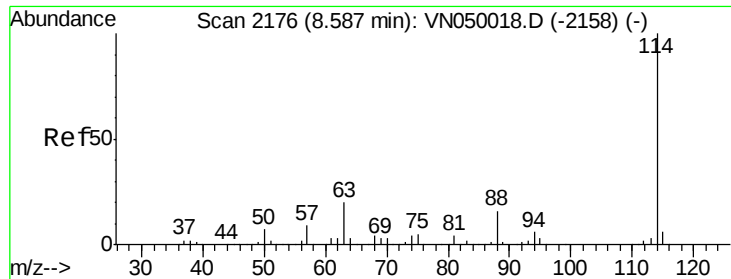
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#33
1,2-Dichloroethane-d4
Concen: 49.845 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion: 65 Resp: 471144
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4





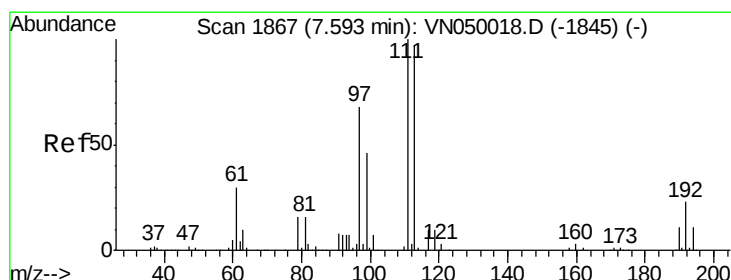
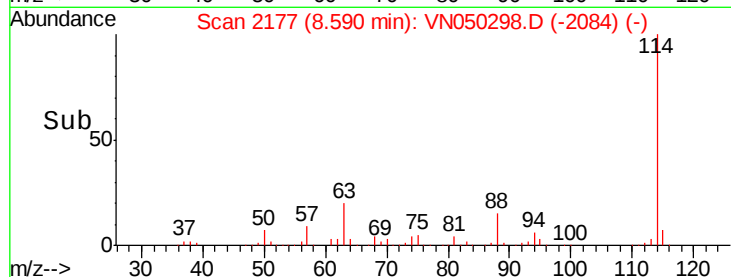
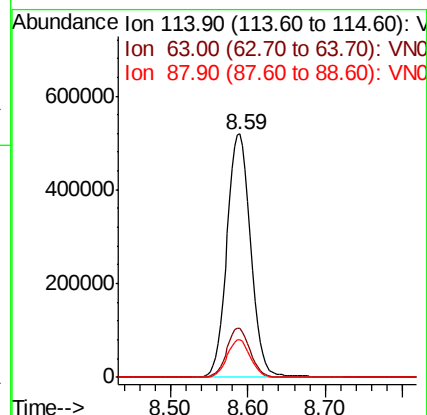
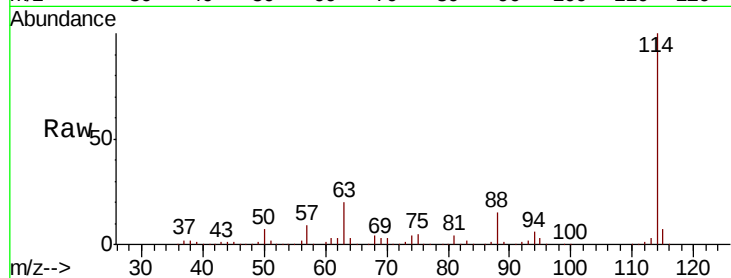
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	15.4	0.0	31.2

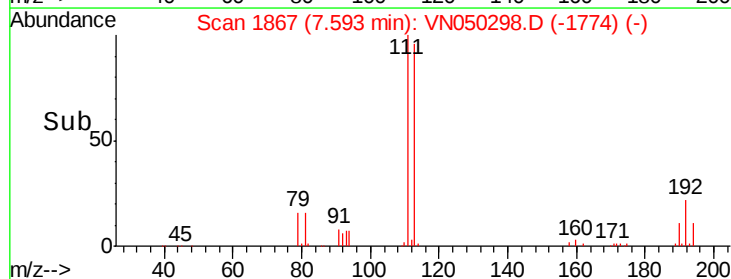
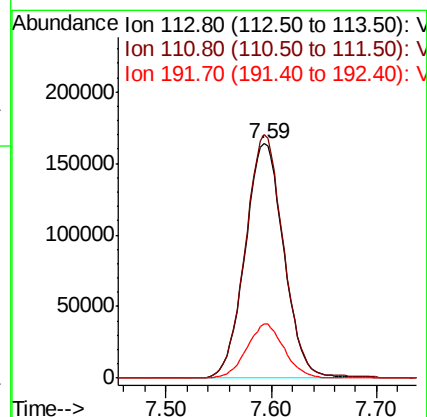
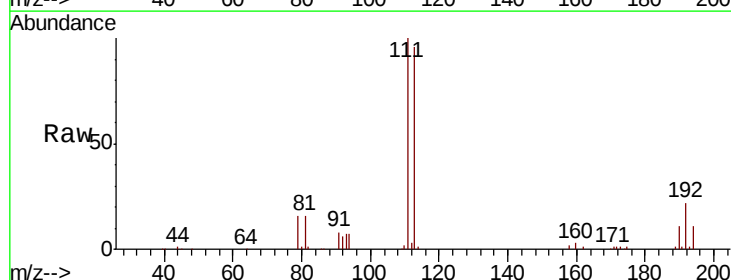
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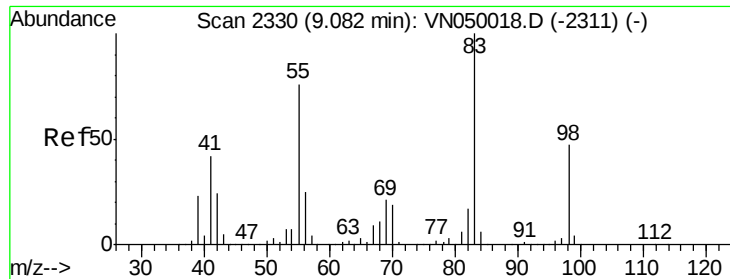
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#35
Dibromofluoromethane
Concen: 46.273 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	22.3	17.8	26.6





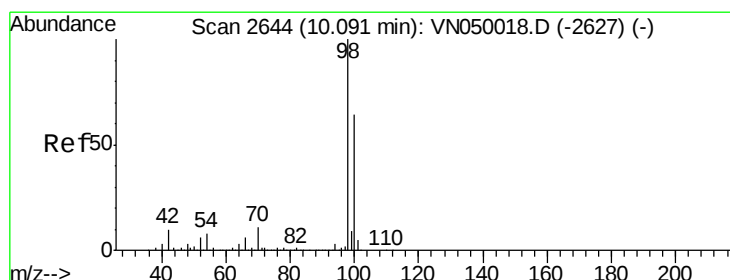
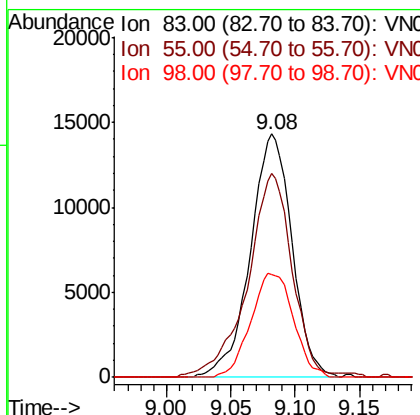
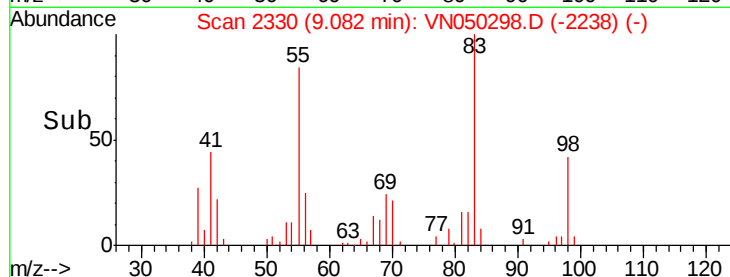
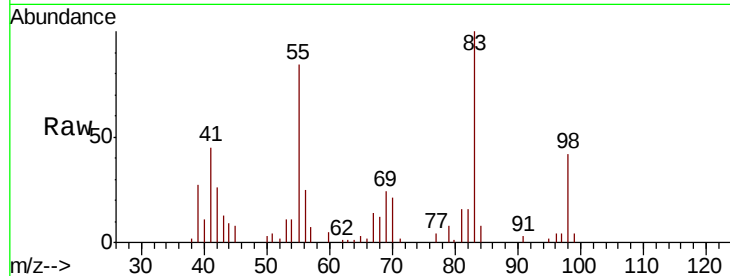
#39
Methylcyclohexane
Concen: 2.508 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	32170		
55	82.1	61.8	92.8	
98	42.2	36.5	54.7	

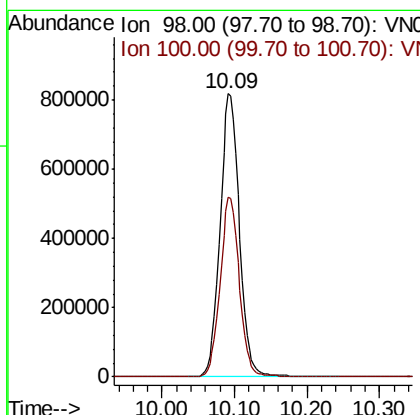
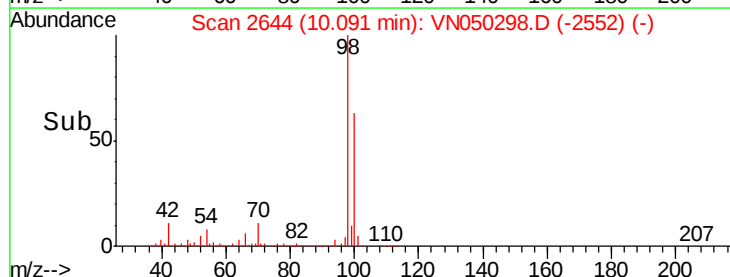
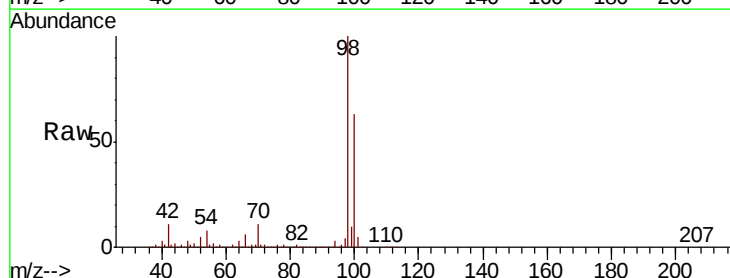
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#50
Toluene-d8
Concen: 45.333 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1506032		
100	63.1	50.7	76.1	





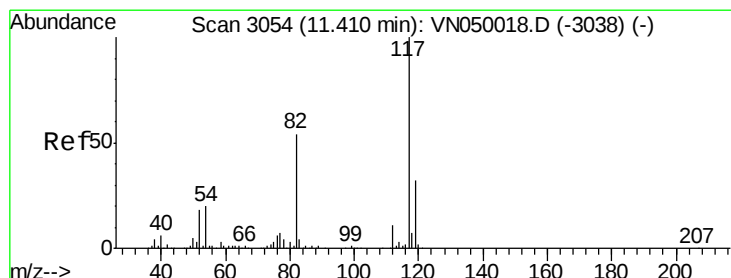
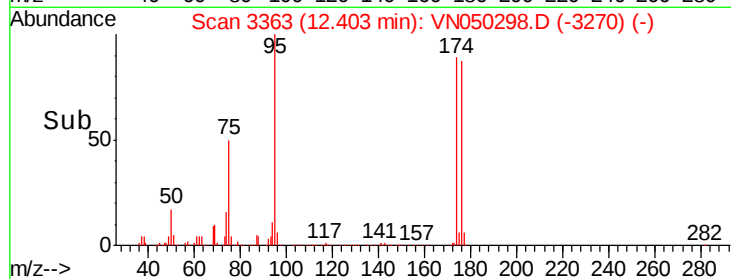
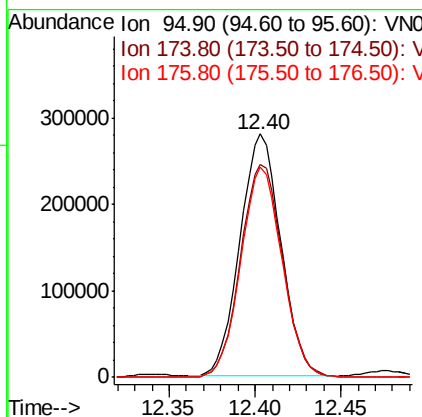
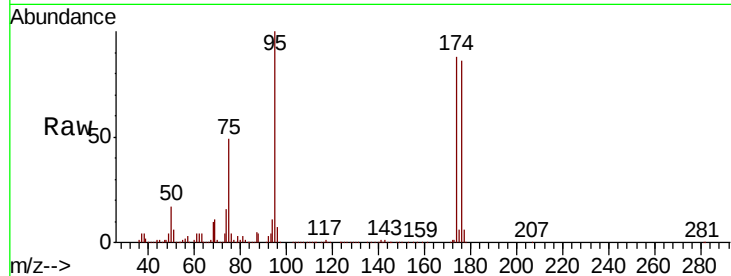
#62
4-Bromofluorobenzene
Concen: 42.391 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	463719		
174	90.8	0.0	178.2	
176	87.8	0.0	173.4	

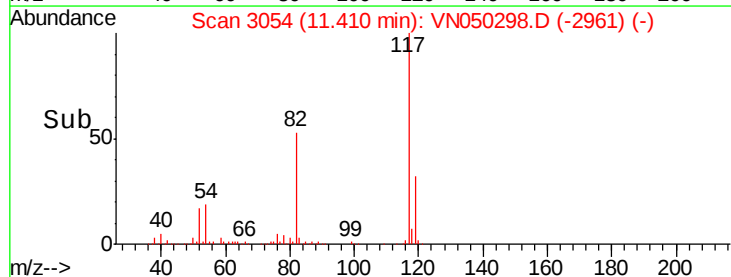
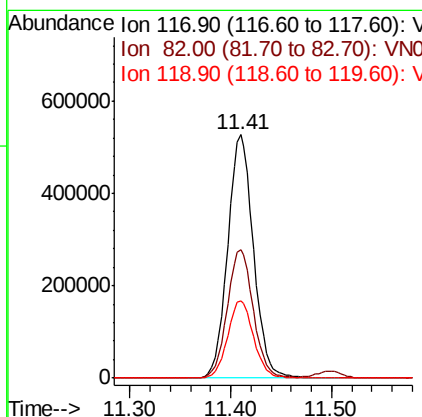
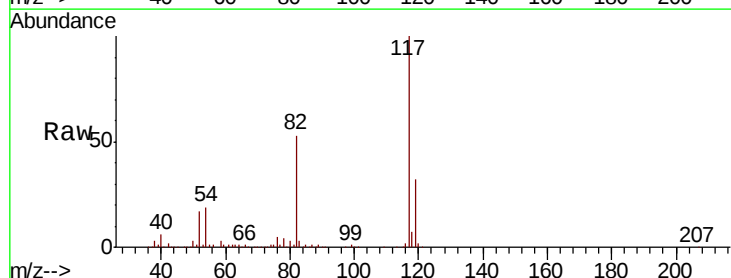
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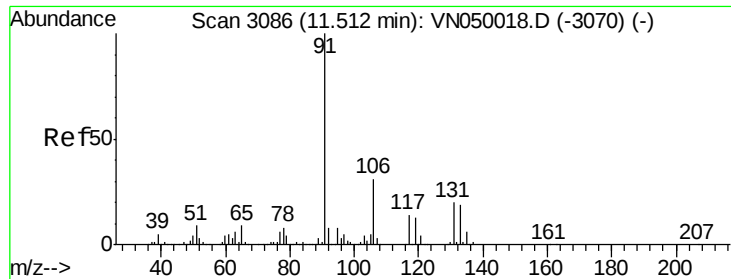
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	935366		
82	52.9	43.7	65.5	
119	31.8	26.1	39.1	





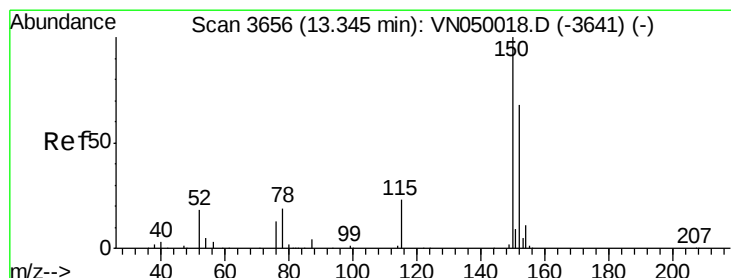
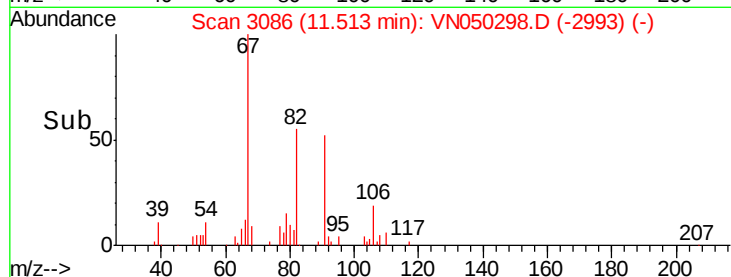
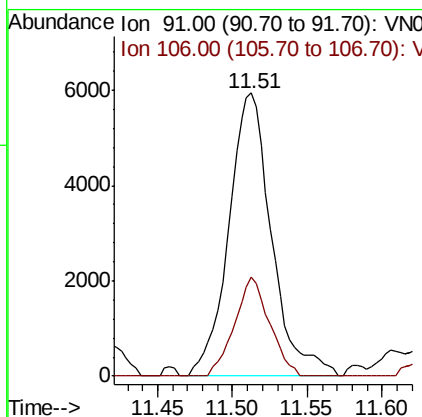
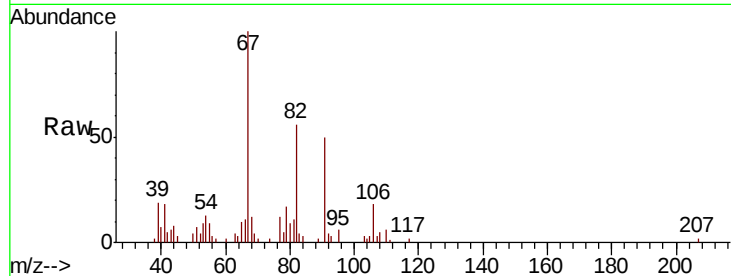
#67
Ethyl Benzene
Concen: 0.312 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

Tgt Ion: 91 Resp: 11831
Ion Ratio Lower Upper
91 100
106 34.8 25.0 37.4

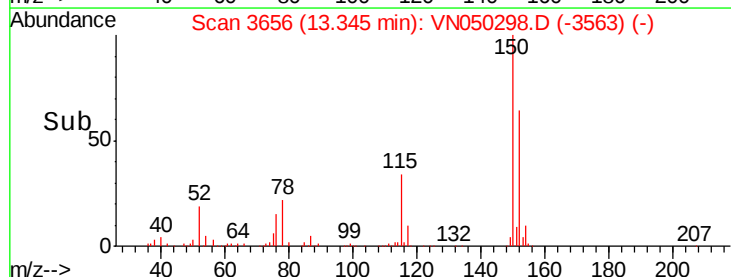
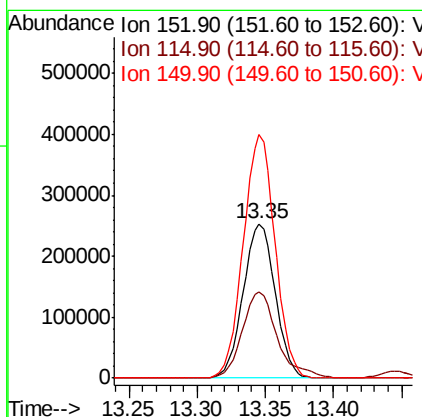
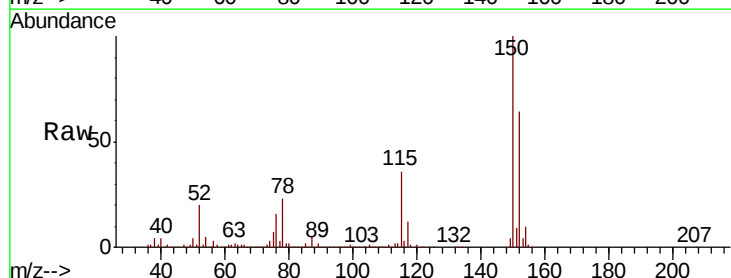
Manual Integrations
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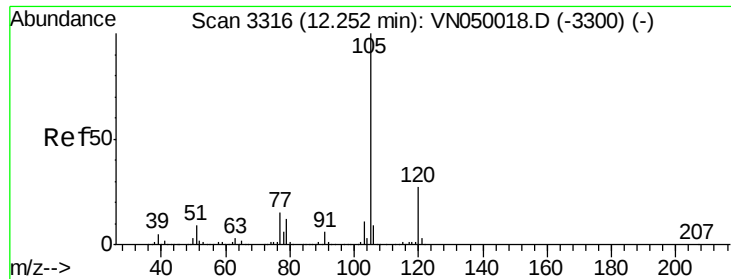
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion: 152 Resp: 413277
Ion Ratio Lower Upper
152 100
115 60.4 27.8 83.3
150 156.5 0.0 348.6





#73

Isopropylbenzene

Concen: 19.624 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050298.D

Acq: 3 Aug 2018 6:17

Instrument :

MSVOA_N

ClientSampleId :

MW-A19R

Tgt Ion: 105 Resp: 628983

Ion Ratio Lower Upper

105 100

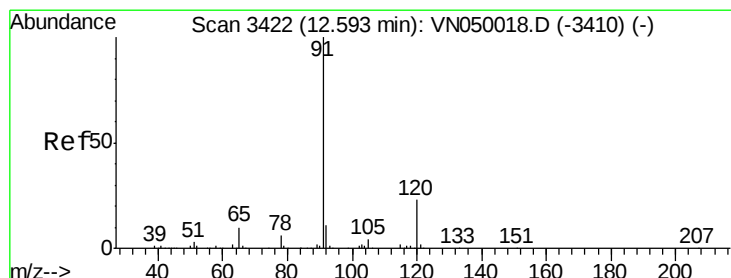
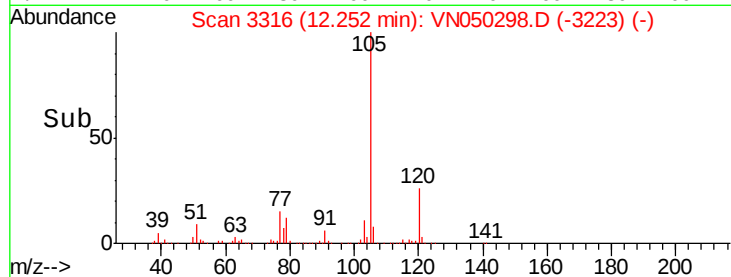
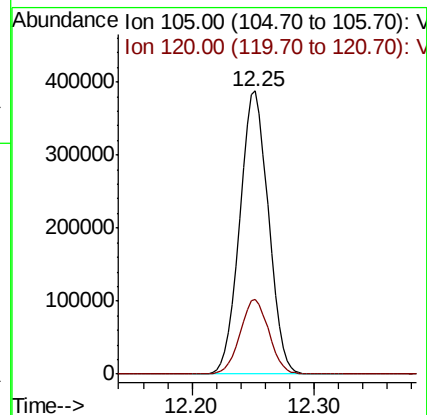
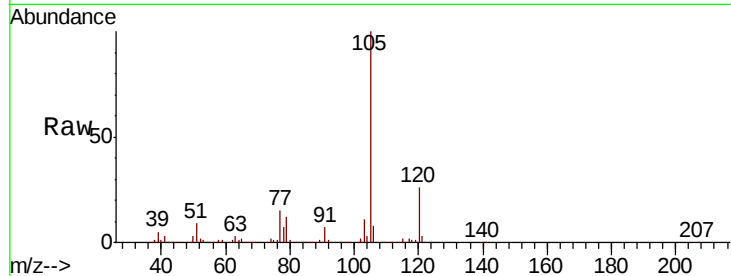
120 26.6 13.3 39.8

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#78

n-propylbenzene

Concen: 26.355 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050298.D

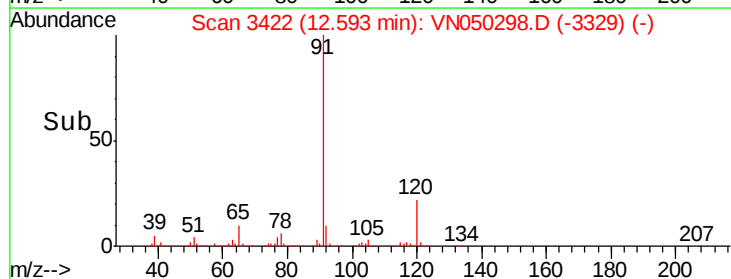
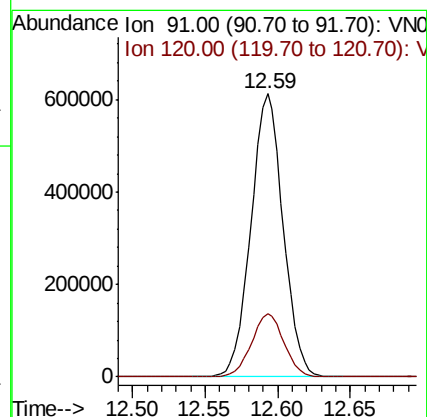
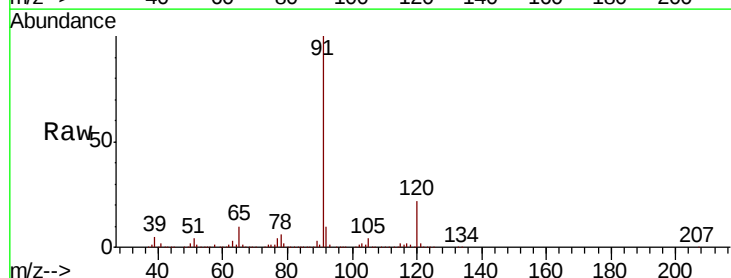
Acq: 3 Aug 2018 6:17

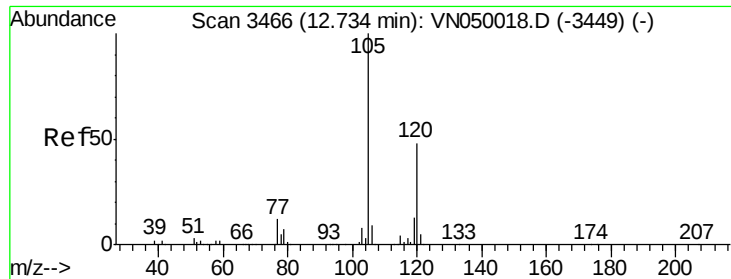
Tgt Ion: 91 Resp: 944187

Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.7





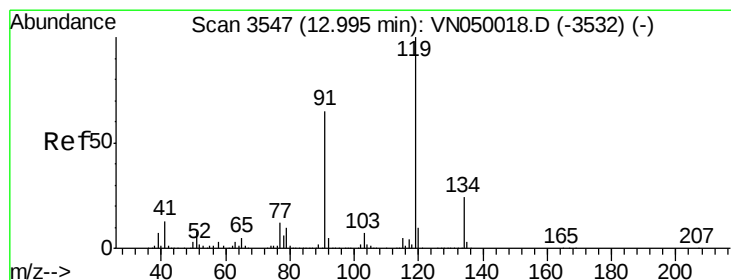
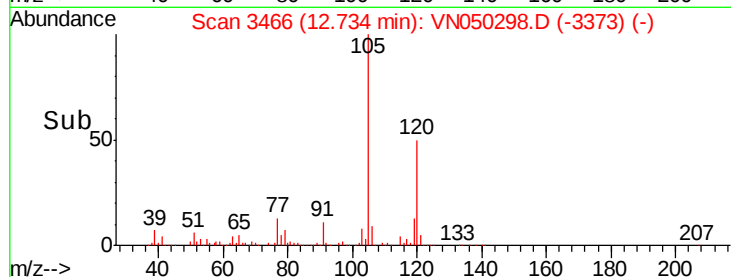
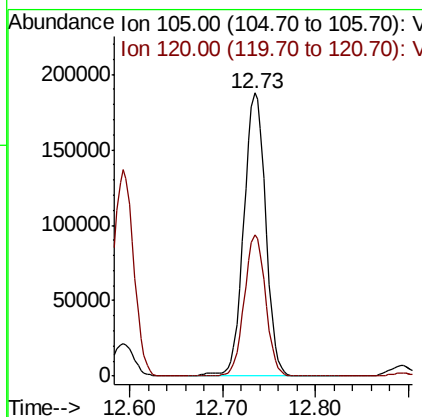
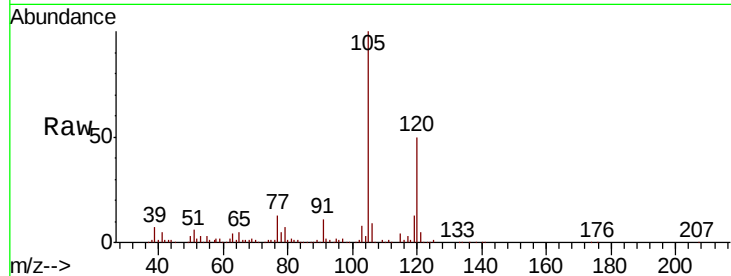
#80
1,3,5-Trimethylbenzene
Concen: 12.127 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampled :
MW-A19R

Tgt Ion:105 Resp: 305752
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.2

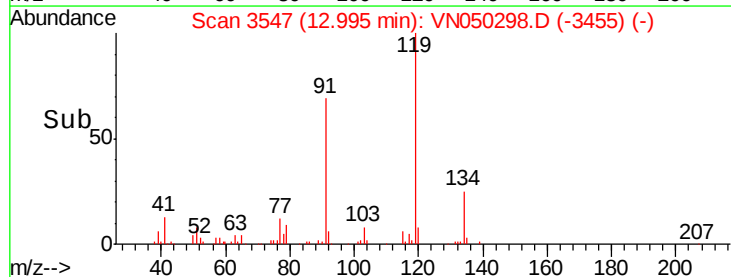
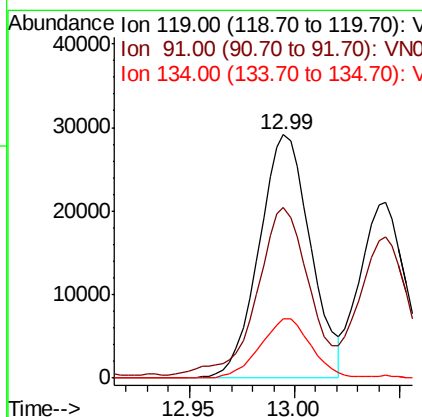
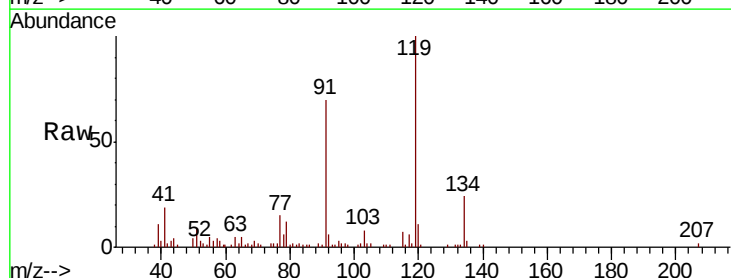
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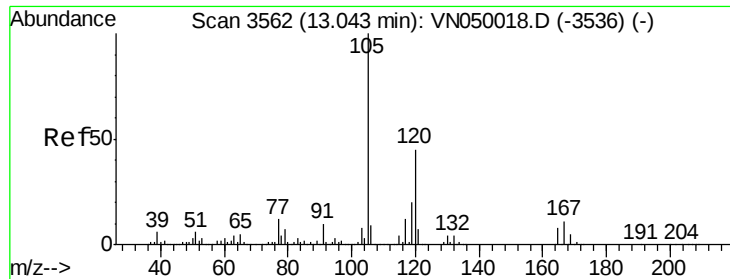
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#83
tert-Butylbenzene
Concen: 2.246 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion:119 Resp: 49417
Ion Ratio Lower Upper
119 100
91 67.5 32.1 96.3
134 24.2 13.2 39.5





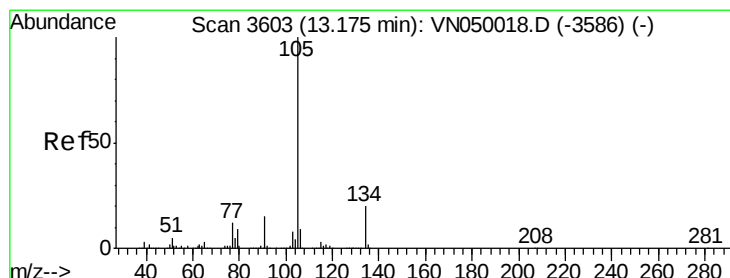
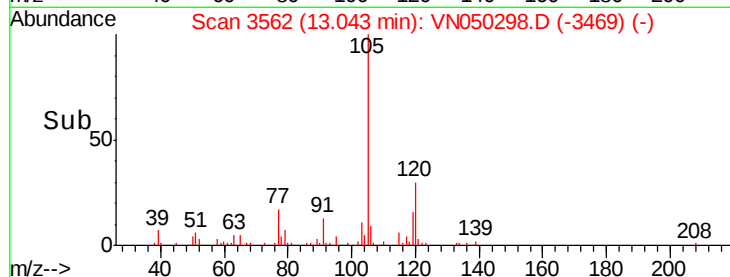
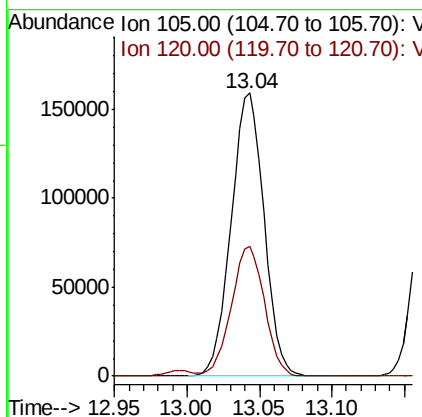
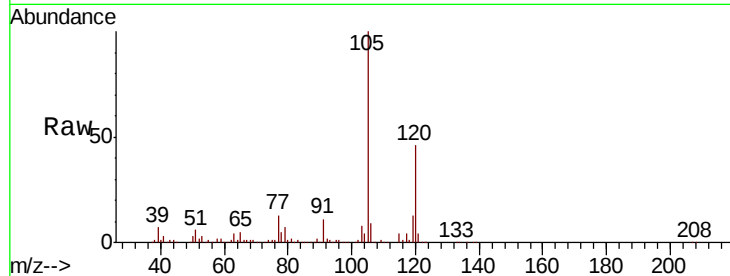
#84
1,2,4-Trimethylbenzene
Concen: 9.788 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Instrument :
MSVOA_N
ClientSampleId :
MW-A19R

Tgt Ion:105 Resp: 248742
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.7

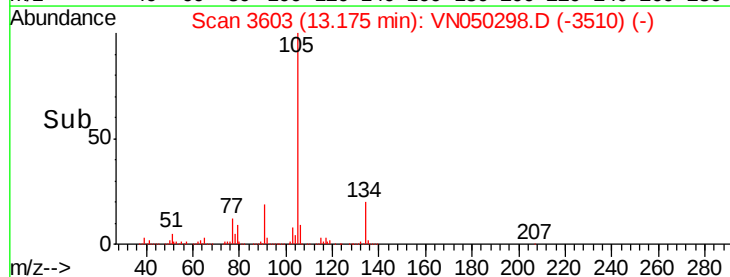
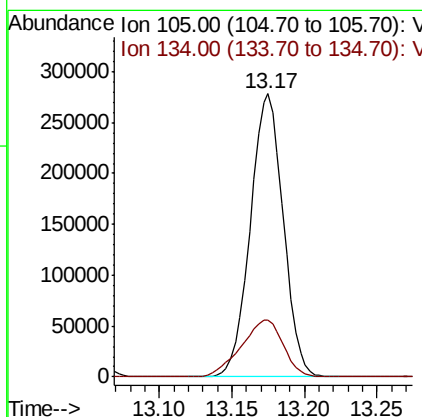
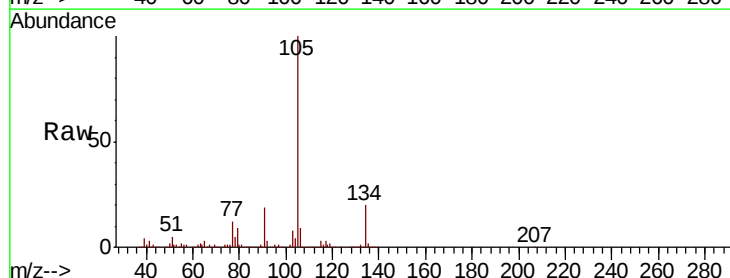
Manual Integrations
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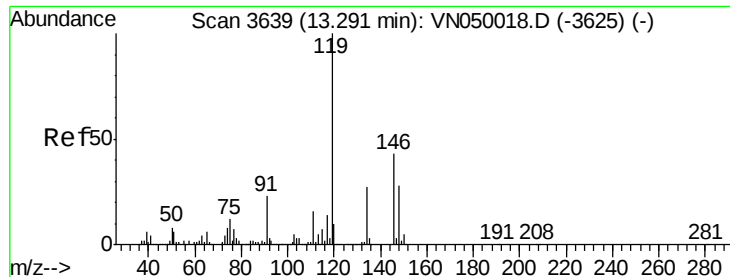
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#85
sec-Butylbenzene
Concen: 14.930 ug/l
RT: 13.17 min Scan# 3603
Delta R.T. 0.00 min
Lab File: VN050298.D
Acq: 3 Aug 2018 6:17

Tgt Ion:105 Resp: 438896
Ion Ratio Lower Upper
105 100
134 25.8 10.1 30.1





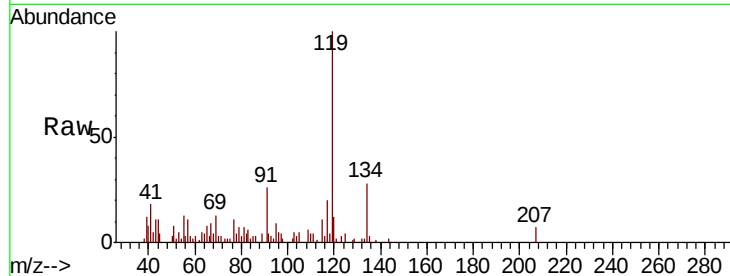
#86
 p-Isopropyltoluene
 Concen: 0.687 ug/l m
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050298.D
 Acq: 3 Aug 2018 6:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A19R

Tgt Ion	Ratio	Lower	Upper
119	100		
134	316.3	13.3	39.8#
91	261.4	11.4	34.2#

Manual Integrations
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 8/3/2018 9:37:18 AM

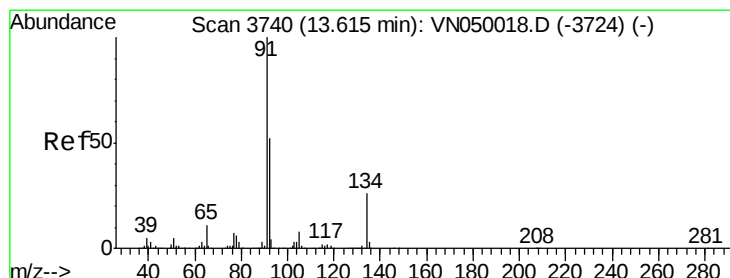
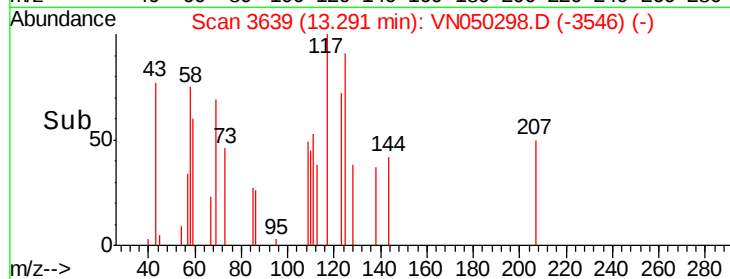
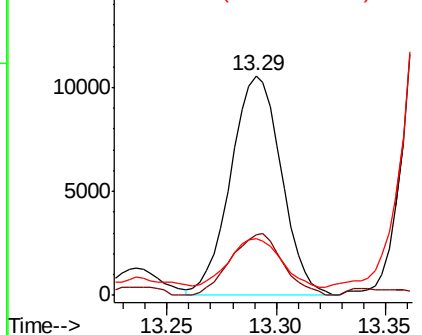


Abundance

Ion 119.00 (118.70 to 119.70): V

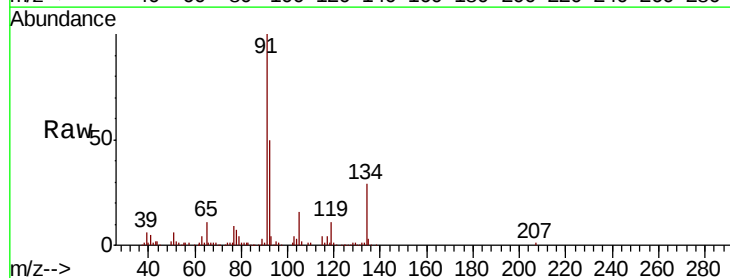
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89
 n-Butylbenzene
 Concen: 6.847 ug/l m
 RT: 13.62 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: VN050298.D
 Acq: 3 Aug 2018 6:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	25.8	77.4
134	0.0	12.8	38.4#



Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

