

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050293.D
 Acq On : 3 Aug 2018 4:12
 Operator : MD\SY
 Sample : J4304-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:37:08 AM

Quant Time: Aug 03 05:00:50 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	684269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	393772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	458083	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	7.59	113	411922	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	10.09	98	1445261	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
62) 4-Bromofluorobenzene	12.40	95	452660	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
Target Compounds						
					Qvalue	
16) Acetone	3.83	43	23441	6.189	ug/l	98
17) Carbon Disulfide	4.05	76	21123	0.874	ug/l #	95
18) Methyl Acetate	4.33	43	18752	0.532	ug/l	99
29) Tetrahydrofuran	7.22	42	145049	61.641	ug/l	98
39) Methylcyclohexane	9.09	83	3241	0.261	ug/l	86
73) Isopropylbenzene	12.25	105	10807	0.354	ug/l	97
78) n-propylbenzene	12.59	91	17332	0.508	ug/l	97
83) tert-Butylbenzene	12.99	119	8213	0.392	ug/l	81
84) 1,2,4-Trimethylbenzene	13.04	105	60944	2.517	ug/l	100
85) sec-Butylbenzene	13.17	105	19637	0.701	ug/l	80
86) p-Isopropyltoluene	13.29	119	8970	0.380	ug/l	86
89) n-Butylbenzene	13.62	91	8224m	0.424	ug/l	

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

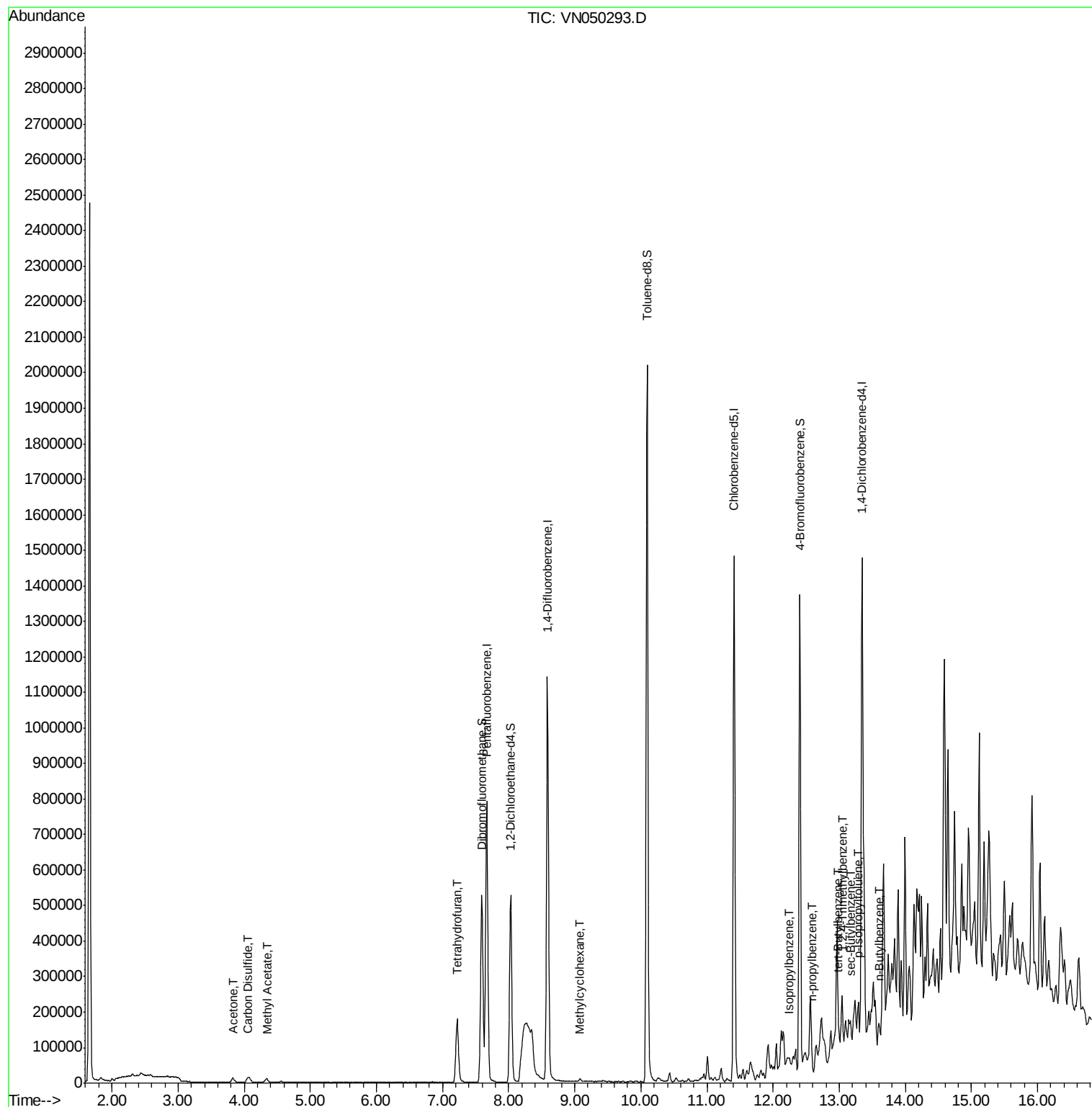
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
Data File : VN050293.D
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ALS Vial : 41 Sample Multiplier: 1

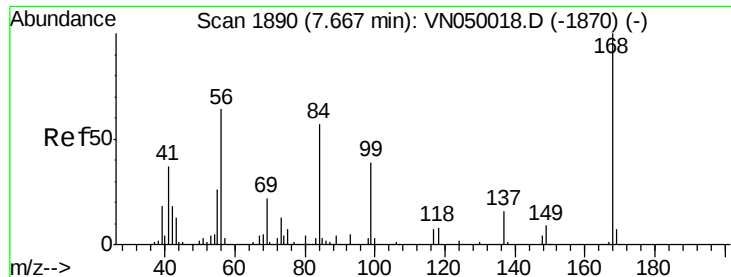
Instrument :
MSVOA_N
ClientSampleId :
MW-A02

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8/3/2018 9:37:08 AM

Quant Time: Aug 03 05:00:50 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# 1890

Delta R.T. -0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampleId :

MW-A02

Tot Ion:168 Resp: 684269

Ion Ratio Lower Upper

168 100

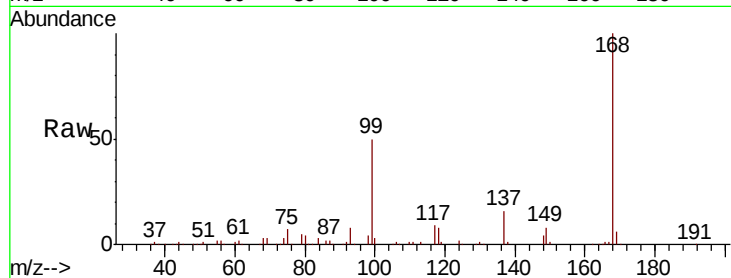
99 49.9 40.0 60.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

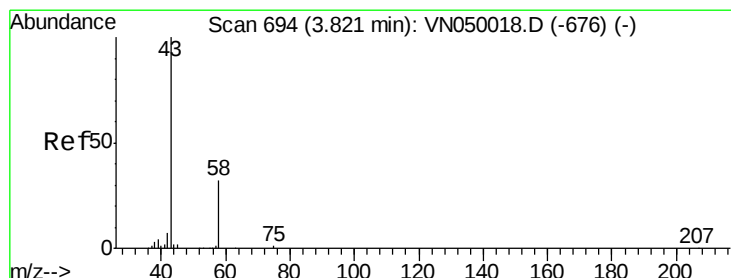
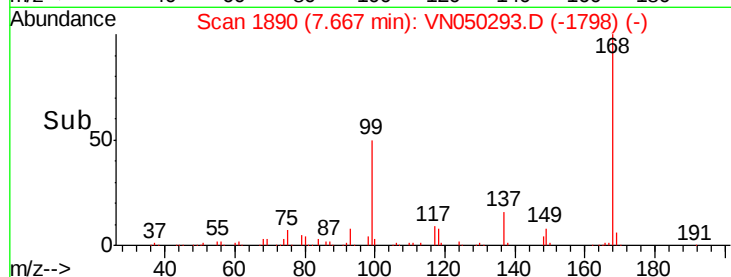
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.189 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050293.D

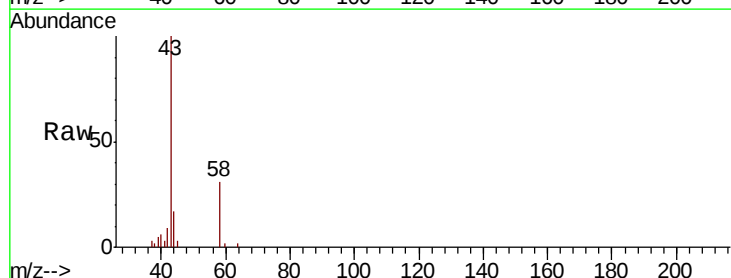
Acq: 3 Aug 2018 4:12

Tgt Ion: 43 Resp: 23441

Ion Ratio Lower Upper

43 100

58 31.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

10000

8000

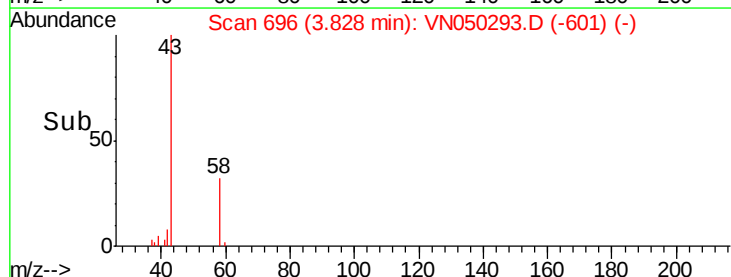
6000

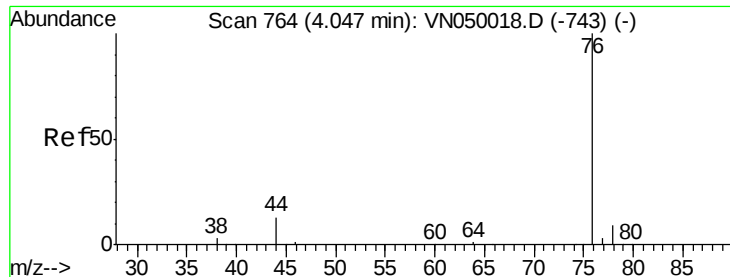
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2000

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Time-->





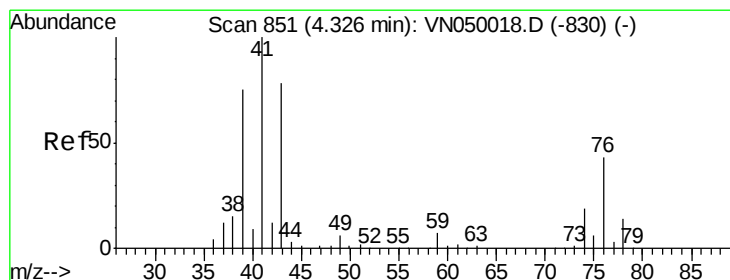
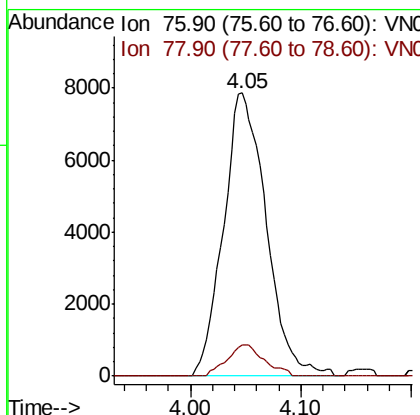
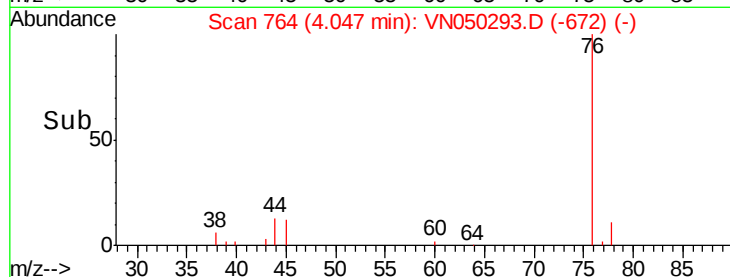
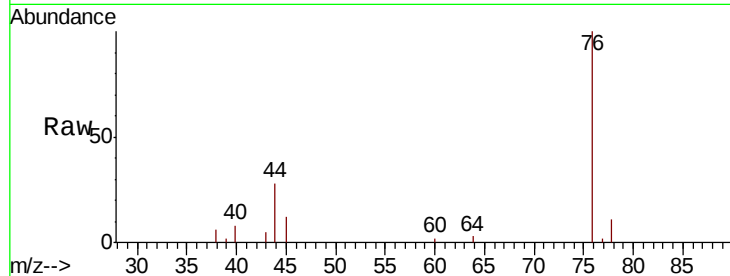
#17
Carbon Disulfide
Concen: 0.874 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Instrument :
MSVOA_N
ClientSampleId :
MW-A02

Tot Ion: 76 Resp: 21123
Ion Ratio Lower Upper
76 100
78 11.0 7.3 10.9#

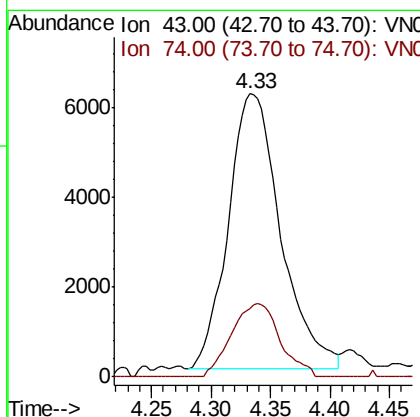
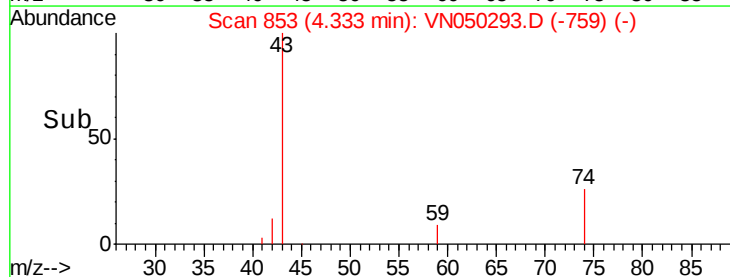
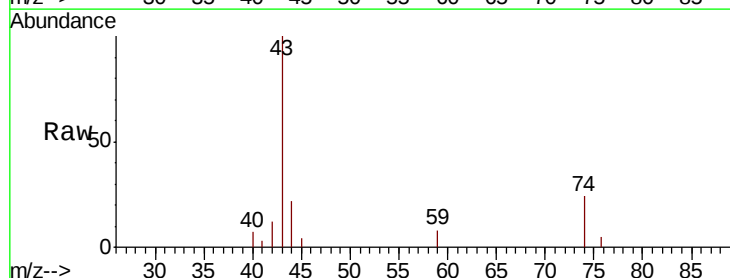
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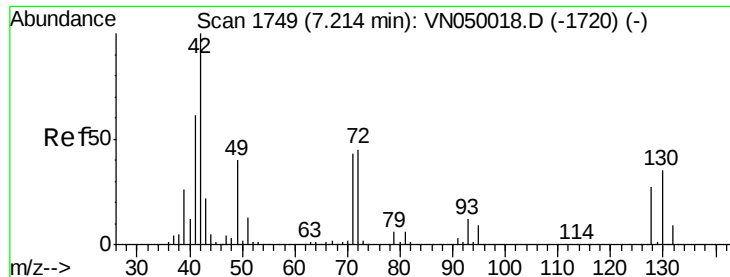
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#18
Methyl Acetate
Concen: 0.532 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion: 43 Resp: 18752
Ion Ratio Lower Upper
43 100
74 24.6 19.2 28.8





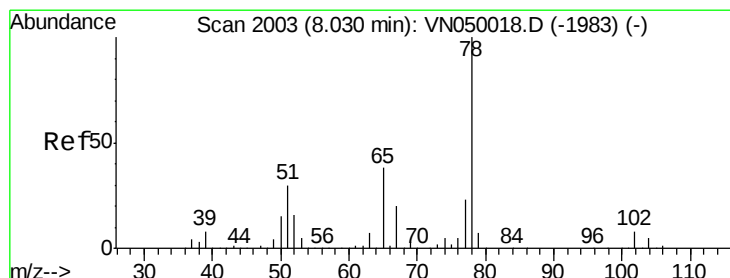
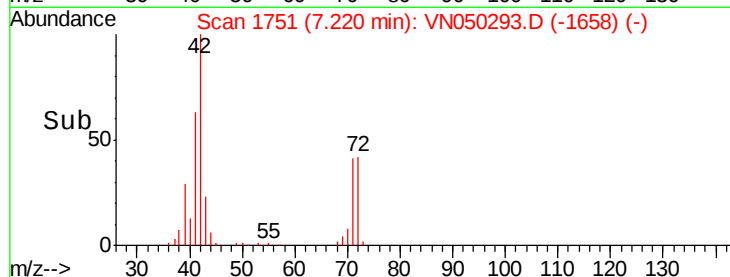
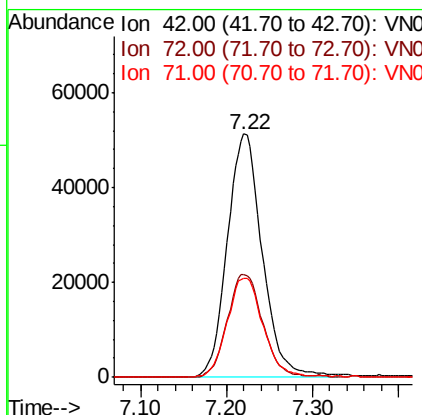
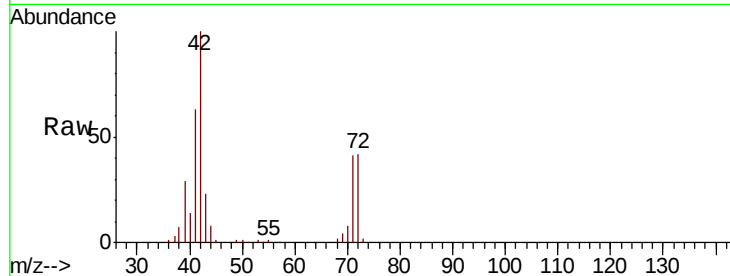
#29
Tetrahydrofuran
Concen: 61.641 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Instrument :
MSVOA_N
ClientSampled :
MW-A02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	35.9	53.9
71	41.8	33.7	50.5

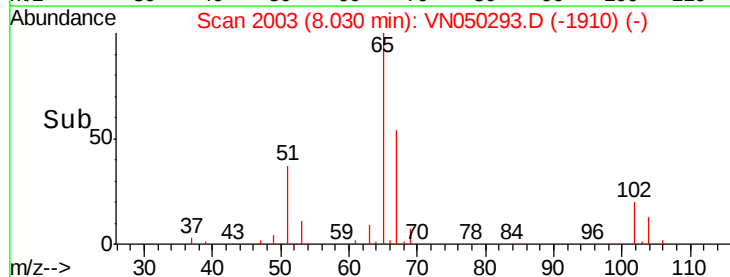
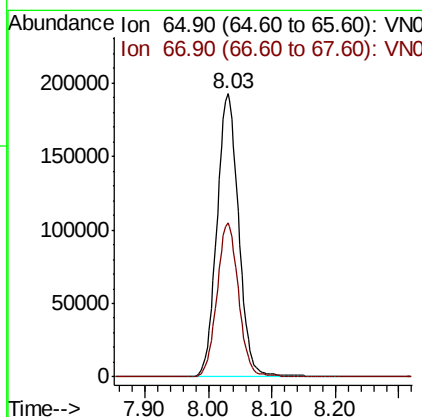
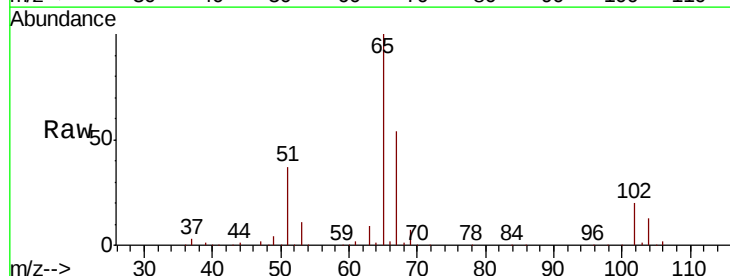
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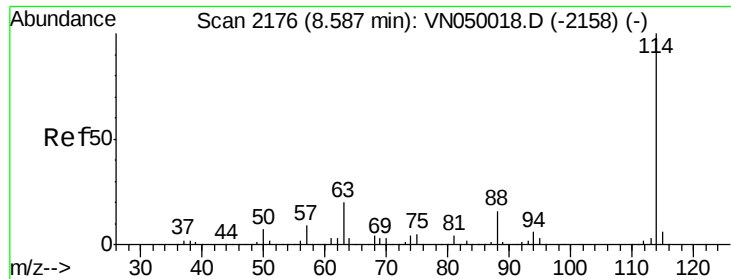
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#33
1,2-Dichloroethane-d4
Concen: 47.981 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.4





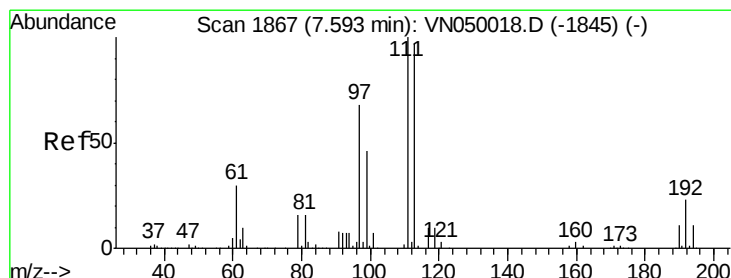
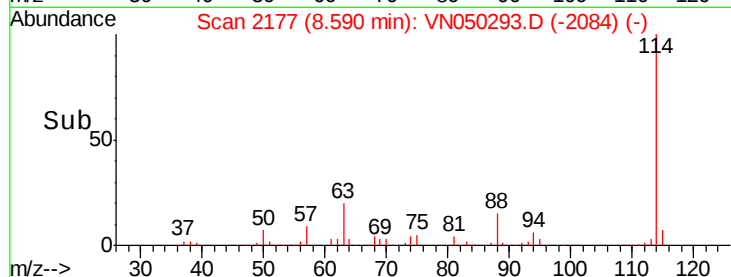
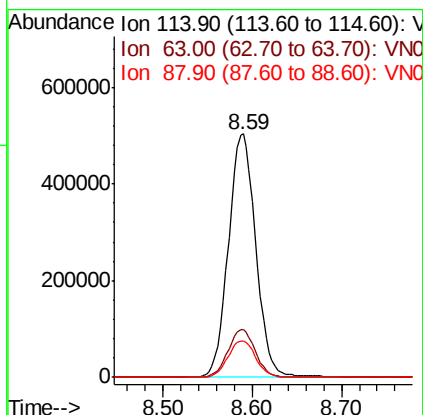
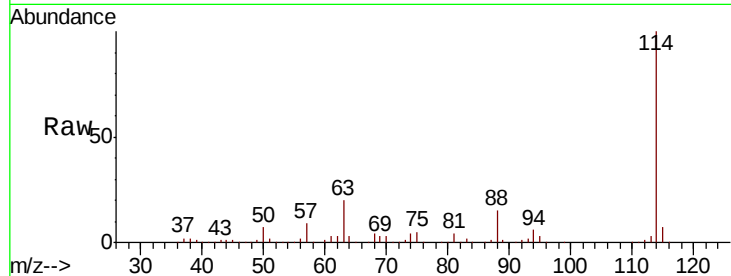
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050293.D
 Acq: 3 Aug 2018 4:12

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A02

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.0
88	15.1	0.0	31.2

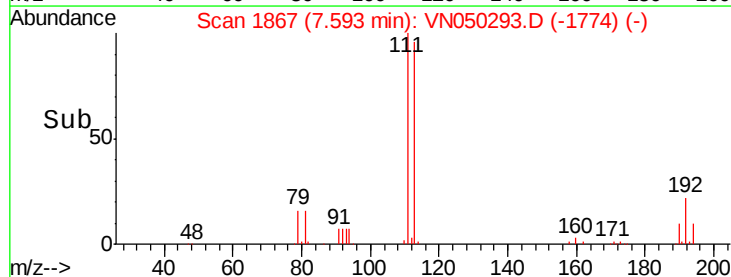
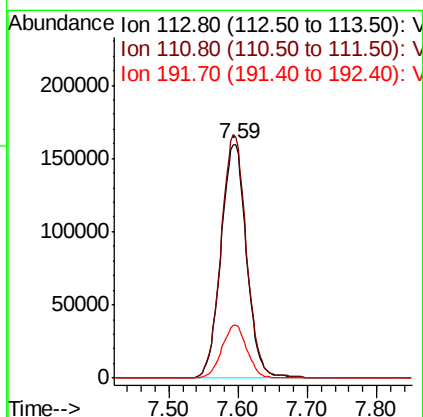
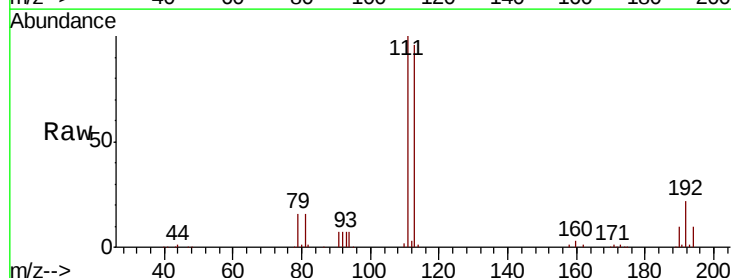
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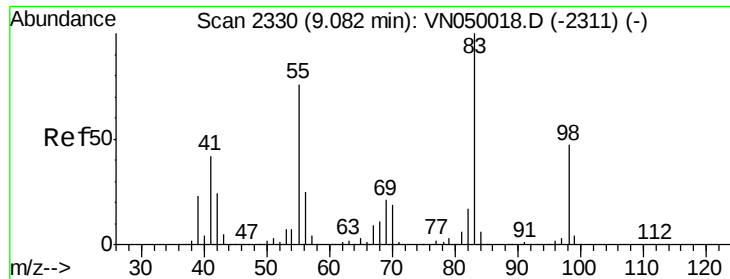
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#35
 Dibromofluoromethane
 Concen: 47.077 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050293.D
 Acq: 3 Aug 2018 4:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.7	121.1
192	22.3	17.8	26.6





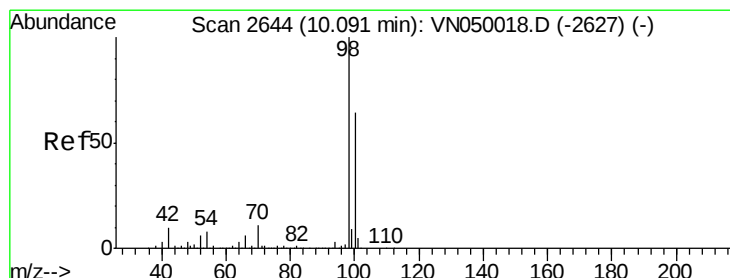
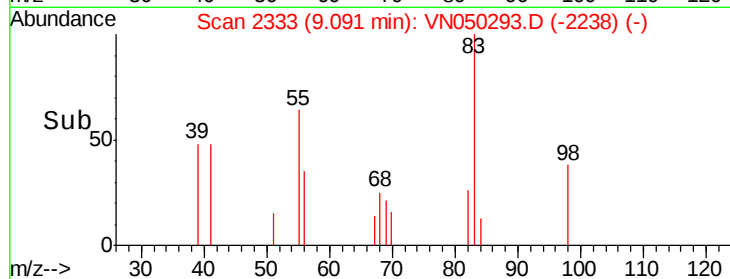
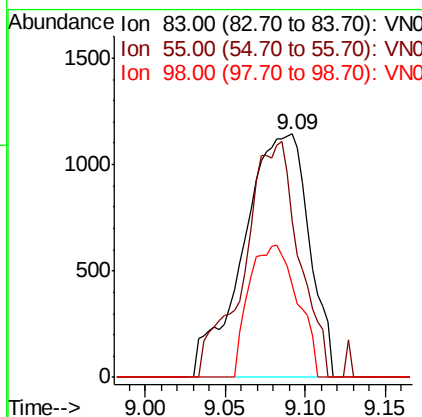
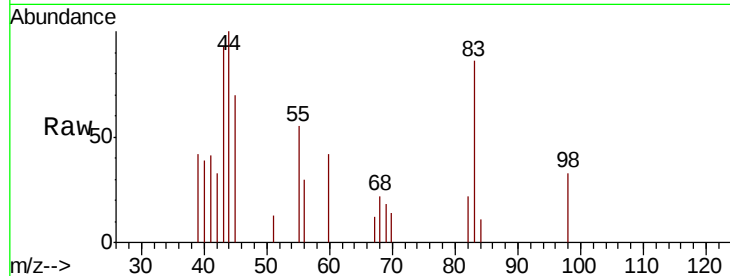
#39
Methylcyclohexane
Concen: 0.261 ug/l
RT: 9.09 min Scan# 2333
Delta R.T. 0.01 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Instrument :
MSVOA_N
ClientSampleId :
MW-A02

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.3	61.8	92.8
98	38.0	36.5	54.7

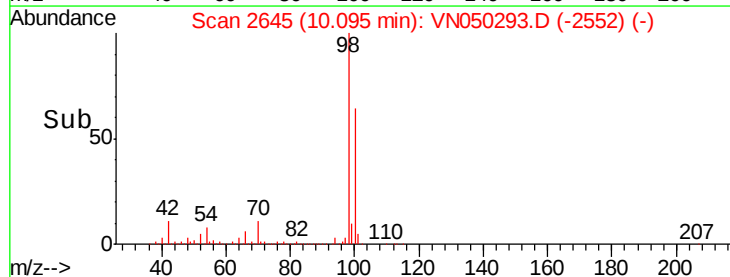
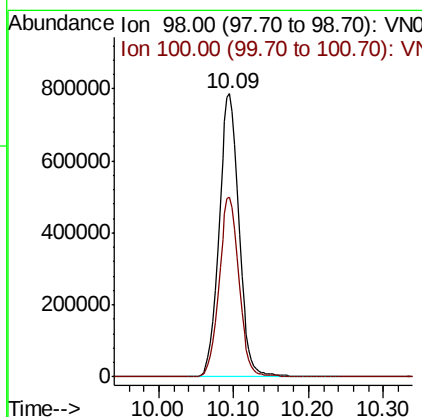
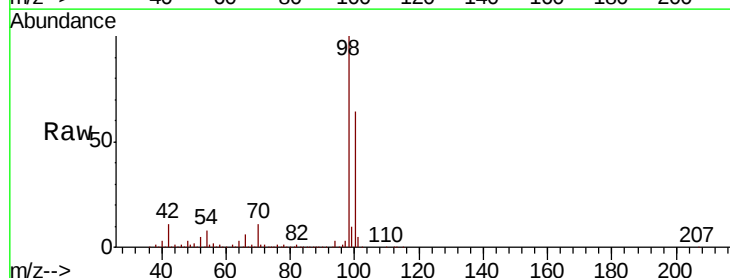
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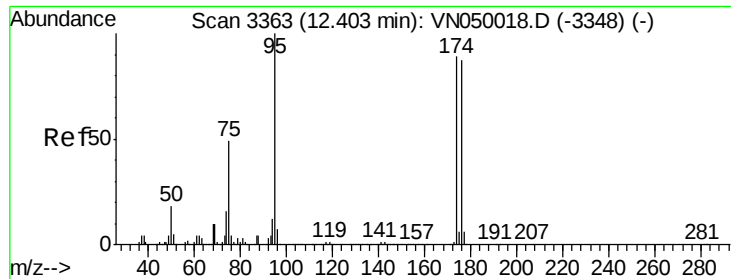
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#50
Toluene-d8
Concen: 44.928 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1





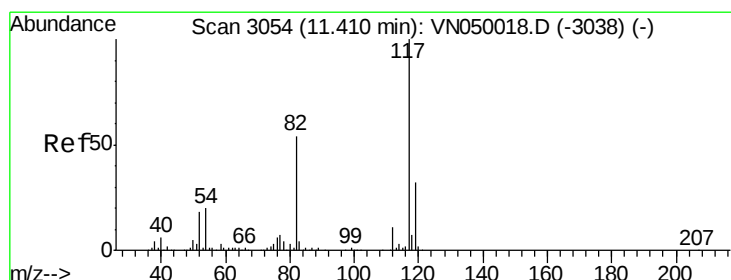
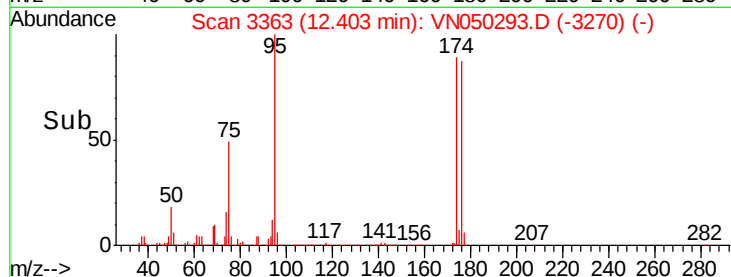
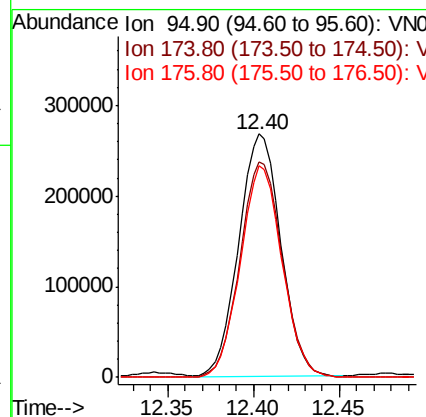
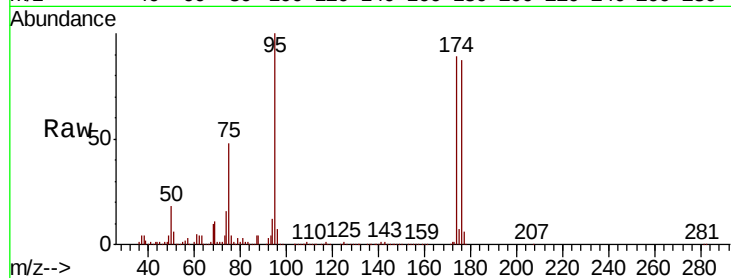
#62
4-Bromofluorobenzene
Concen: 42.735 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Instrument :
MSVOA_N
ClientSampleId :
MW-A02

Tot Ion	Ratio	Resp	Lower	Upper
95	100	452660		
174	89.6	0.0	178.2	
176	86.7	0.0	173.4	

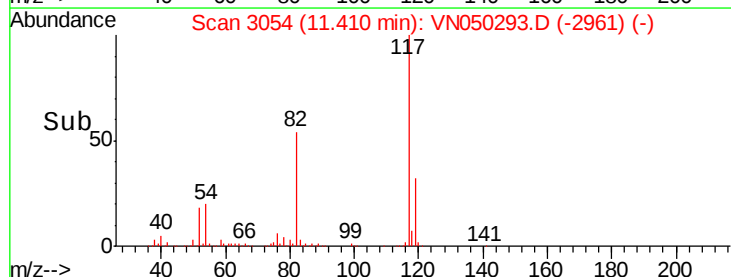
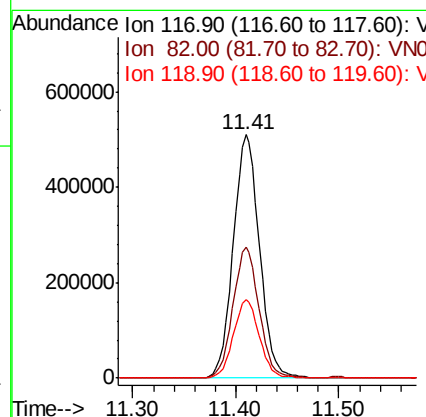
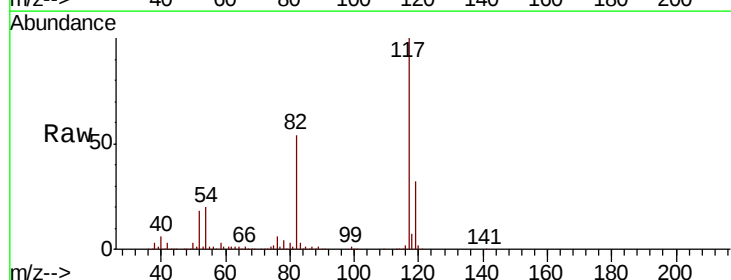
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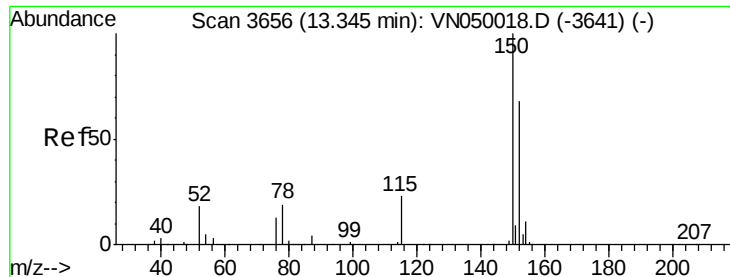
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	901850		
82	53.7	43.7	65.5	
119	32.1	26.1	39.1	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

Instrument :

MSVOA_N

ClientSampleId :

MW-A02

Tot Ion:152 Resp: 393772
Ion Ratio Lower Upper

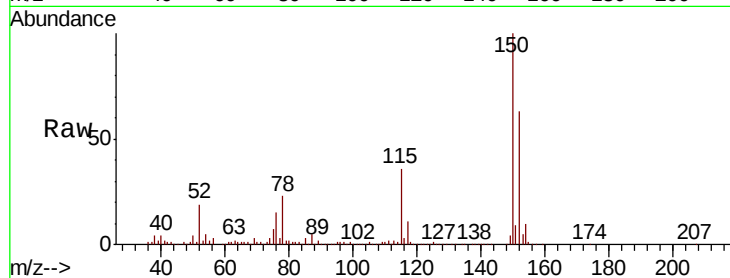
152 100

115 59.2 27.8 83.3

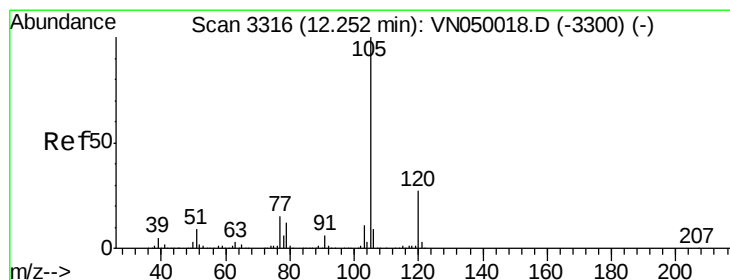
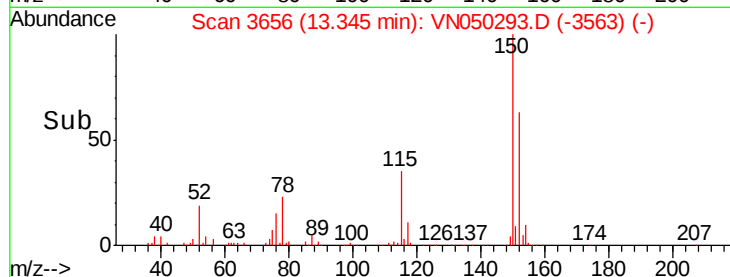
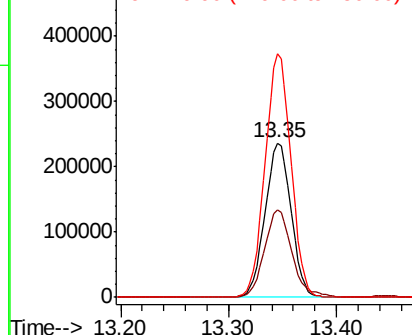
150 157.7 0.0 348.6

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.354 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

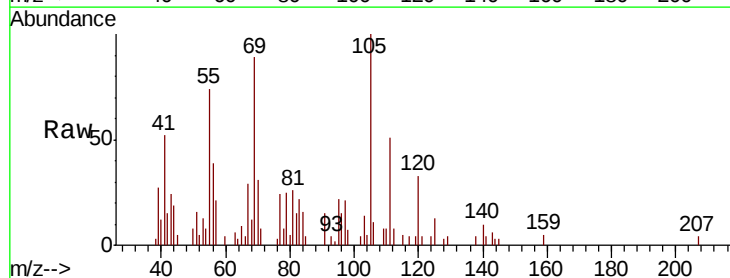
Lab File: VN050293.D

Acq: 3 Aug 2018 4:12

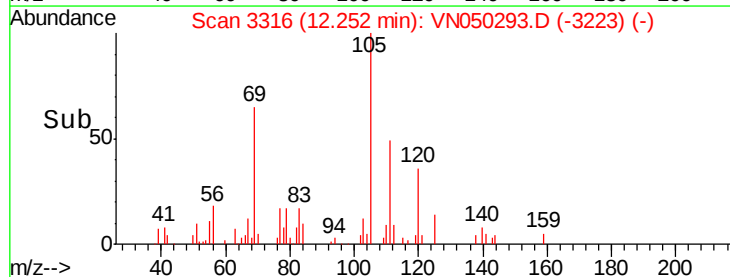
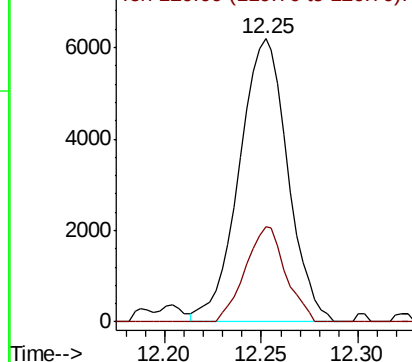
Tgt Ion:105 Resp: 10807
Ion Ratio Lower Upper

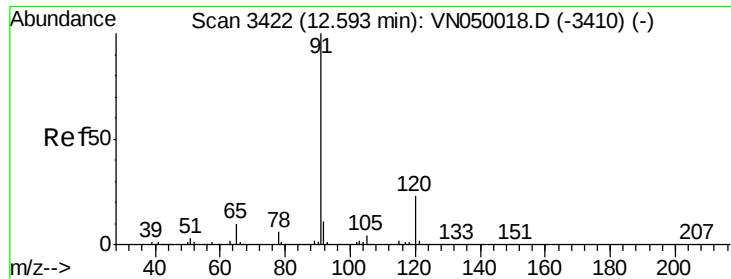
105 100

120 27.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





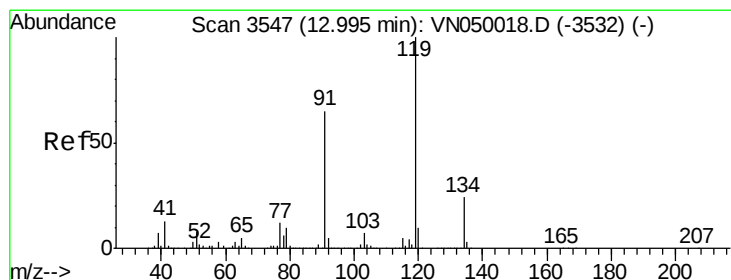
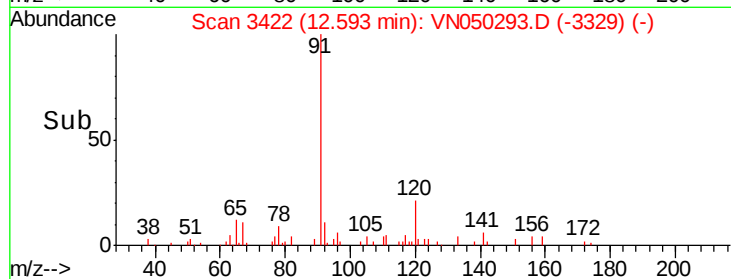
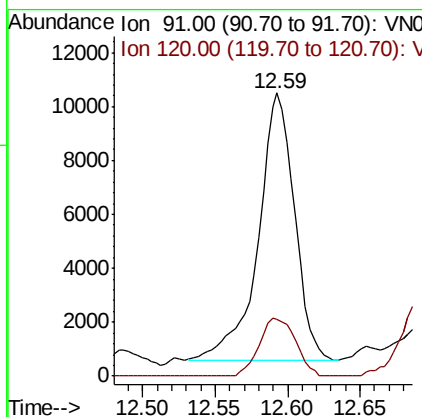
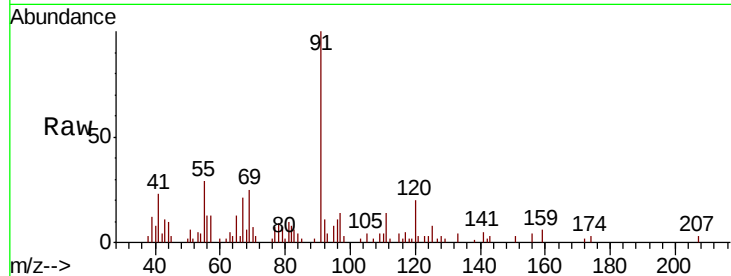
#78
n-propylbenzene
Concen: 0.508 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Instrument :
MSVOA_N
ClientSampleId :
MW-A02

Tot Ion: 91 Resp: 17332
Ion Ratio Lower Upper
91 100
120 21.5 11.6 34.7

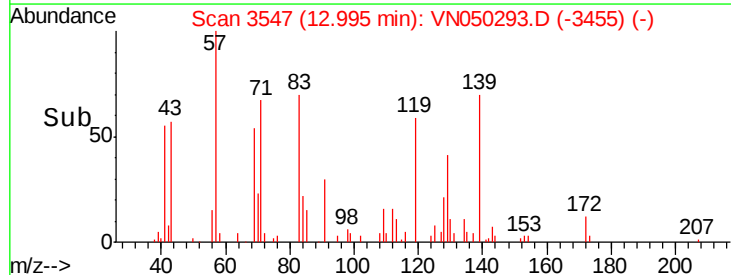
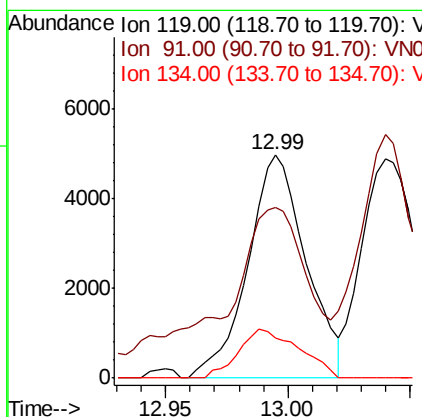
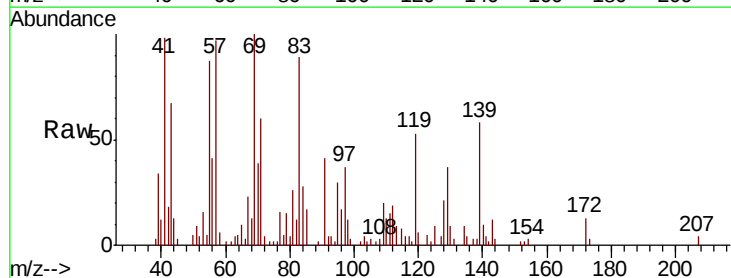
Manual Integrations
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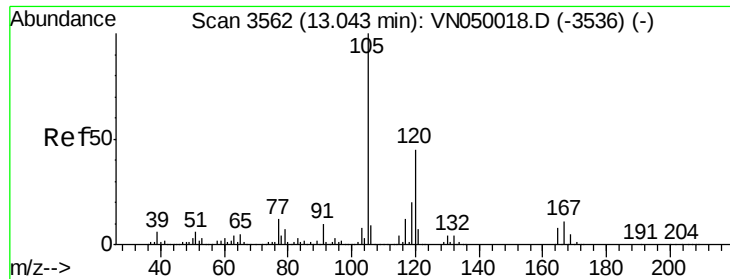
MMDadoda
8/3/2018 9:37:08 AM



#83
tert-Butylbenzene
Concen: 0.392 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion: 119 Resp: 8213
Ion Ratio Lower Upper
119 100
91 82.7 32.1 96.3
134 22.8 13.2 39.5





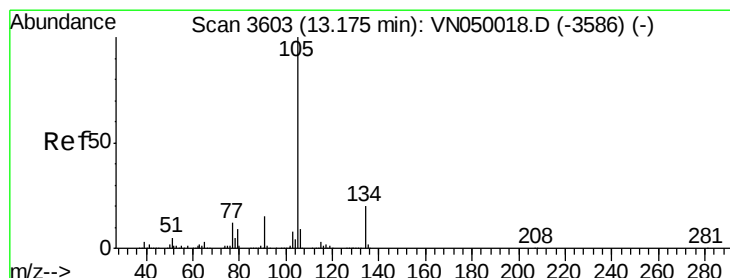
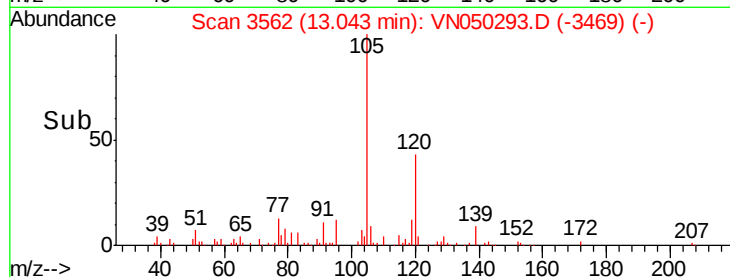
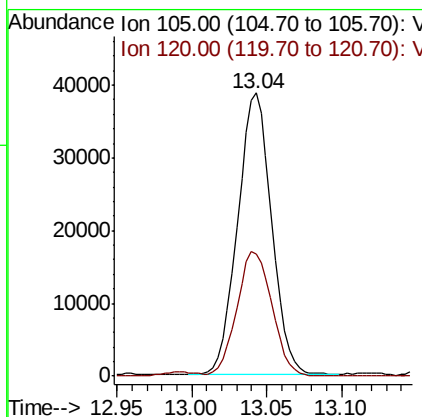
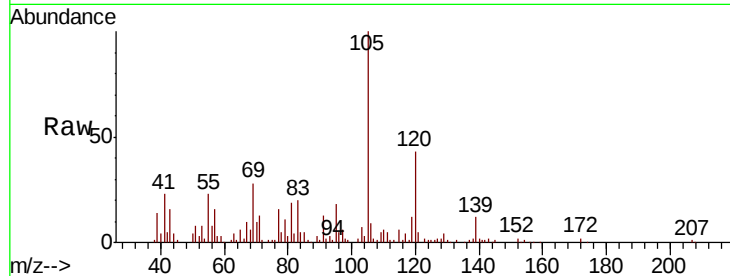
#84
 1,2,4-Trimethylbenzene
 Concen: 2.517 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050293.D
 Acq: 3 Aug 2018 4:12

Instrument :
 MSVOA_N
 ClientSampled :
 MW-A02

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.7

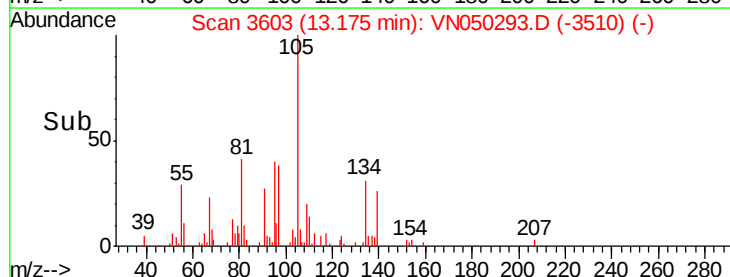
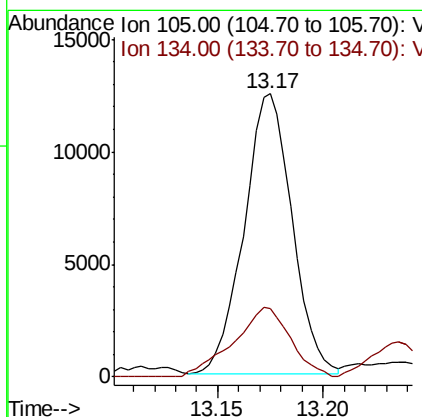
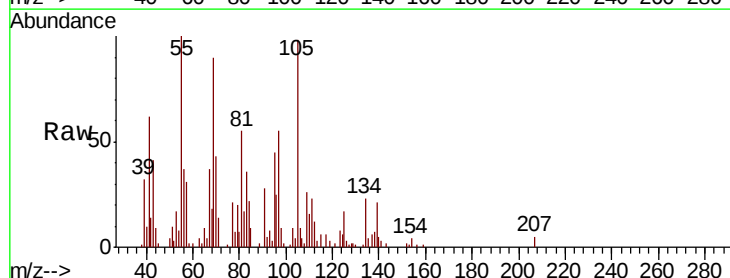
Manual Integrations
 APPROVED

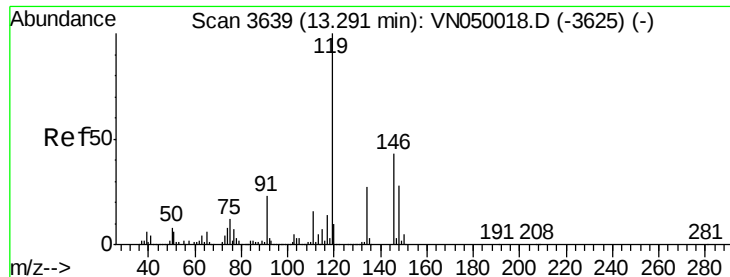
MMDadoda
 8/3/2018 9:37:08 AM



#85
 sec-Butylbenzene
 Concen: 0.701 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050293.D
 Acq: 3 Aug 2018 4:12

Tgt Ion	Ratio	Lower	Upper
105	100		
134	29.4	10.1	30.1





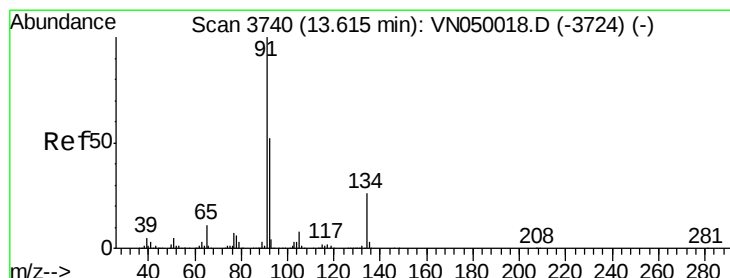
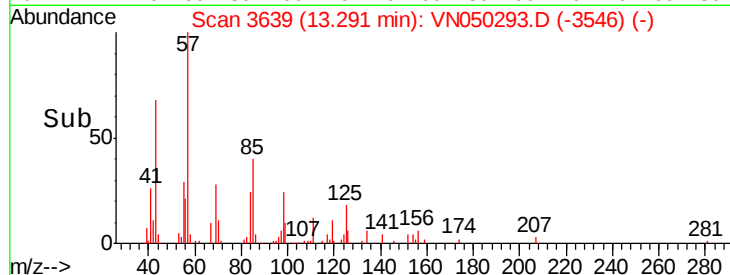
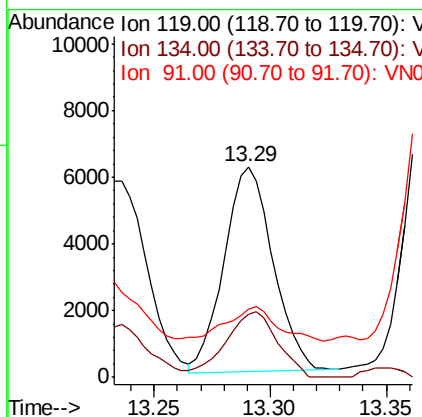
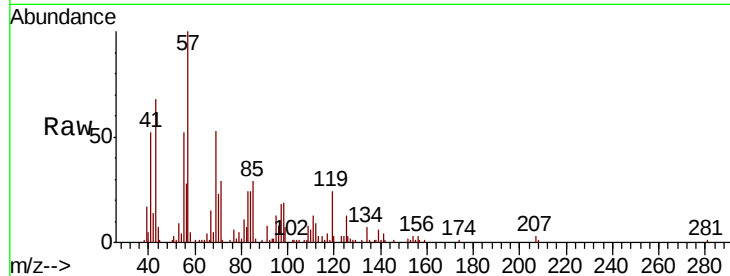
#86
p-Isopropyltoluene
Concen: 0.380 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. 0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Instrument :
MSVOA_N
ClientSampleId :
MW-A02

Tot Ion	Ratio	Lower	Upper
119	100		
134	34.3	13.3	39.8
91	16.6	11.4	34.2

Manual Integrations
APPROVED

MMDadoda
8/3/2018 9:37:08 AM



#89
n-Butylbenzene
Concen: 0.424 ug/l m
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050293.D
Acq: 3 Aug 2018 4:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	44.0	25.8	77.4
134	0.0	12.8	38.4#

