

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051709.D
 Acq On : 6 Oct 2018 00:53
 Operator : MD\SY
 Sample : J5084-07DL 100X
 Misc : 4.90u/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 B-10(13-13.5)DL

Manual Integrations
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 10/8/2018 12:50:11 PM

Quant Time: Oct 06 03:52:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	673723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	973616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	832448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	331801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	394163	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	
35) Dibromofluoromethane	7.60	113	361518	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	10.09	98	1369384	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.40	95	384157	38.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.30%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.08	83	43171	3.379	ug/l	93
52) Toluene	10.16	92	158844	7.916	ug/l	97
67) Ethyl Benzene	11.51	91	382155	10.724	ug/l	100
68) m/p-Xylenes	11.62	106	394020	27.634	ug/l	100
69) o-Xylene	11.95	106	118855	8.500	ug/l	99
73) Isopropylbenzene	12.25	105	42801	1.513	ug/l	99
78) n-propylbenzene	12.59	91	181827	5.894	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	188994	7.929	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	647622	27.125	ug/l	99
85) sec-Butylbenzene	13.17	105	20973	0.742	ug/l #	57
86) p-Isopropyltoluene	13.29	119	9452m	0.377	ug/l	
89) n-Butylbenzene	13.61	91	28743	1.451	ug/l #	67
95) Naphthalene	15.13	128	41709	3.623	ug/l	98

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

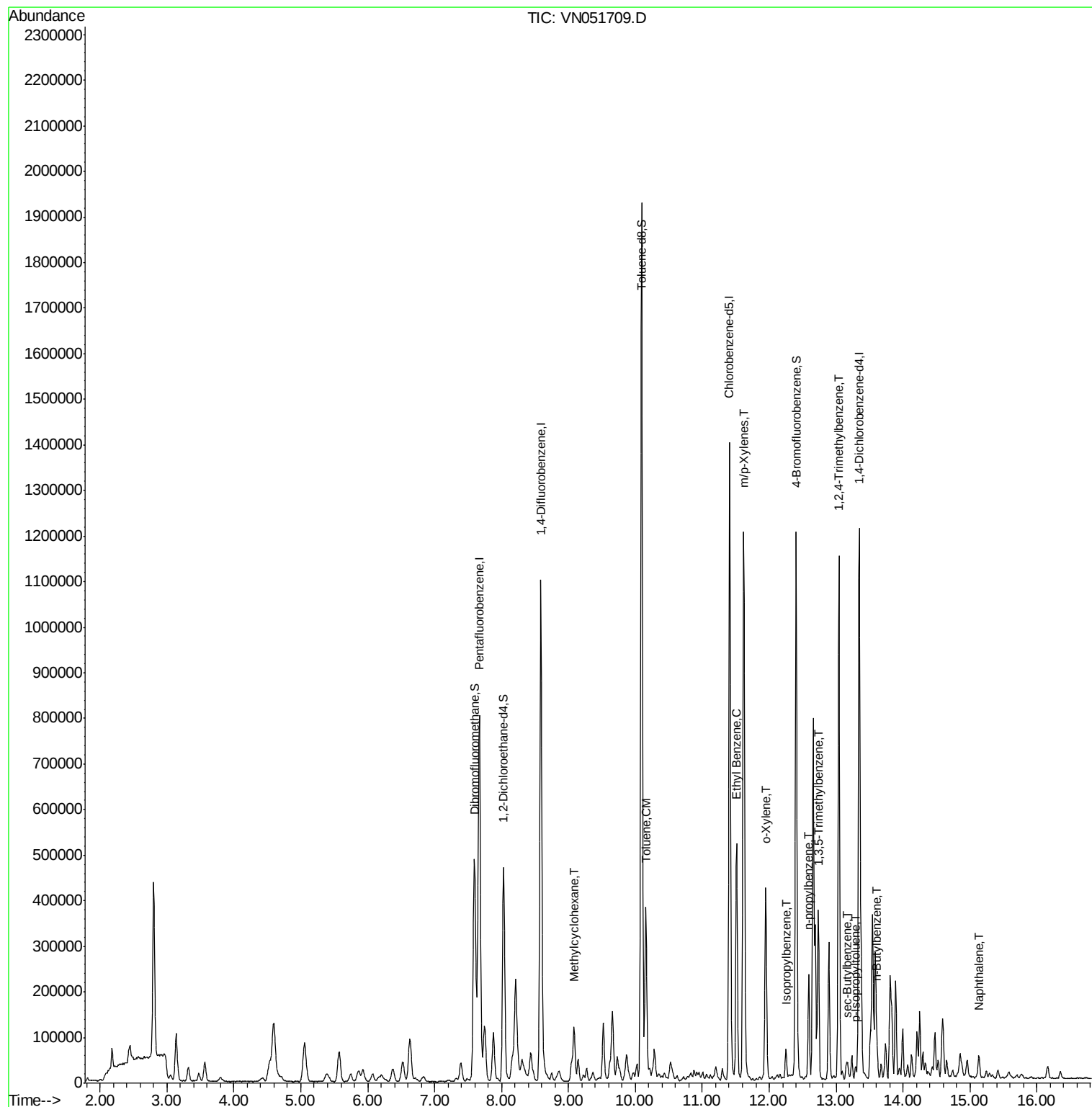
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100618\
Data File : VN051709.D
Acq On : 6 Oct 2018 00:53
Operator : MD\SY
Sample : J5084-07DL 100X
Misc : 4.90µ/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 39 Sample Multiplier: 28

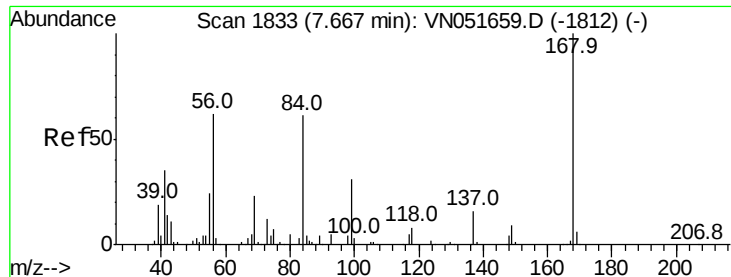
Instrument :
MSVOA_N
ClientSampleId :
B-10(13-13.5)DL

Manual Integrations
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Quant Time: Oct 06 03:52:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051709.D

Acq: 6 Oct 2018 00:53

Instrument :

MSVOA_N

ClientSampled :

B-10(13-13.5)DL

Tot Ion:168 Resp: 673723

Ion Ratio Lower Upper

168 100

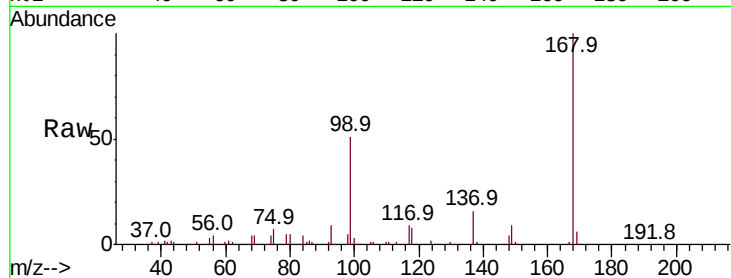
99 50.8 40.4 60.6

Manual Integrations

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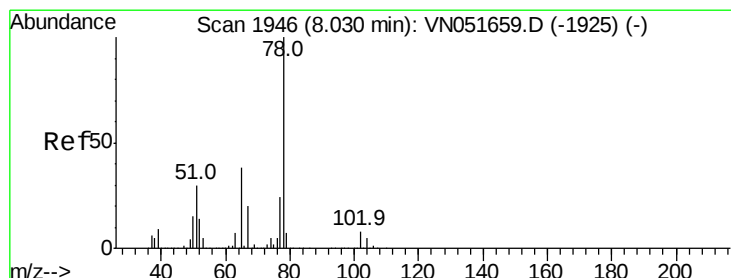
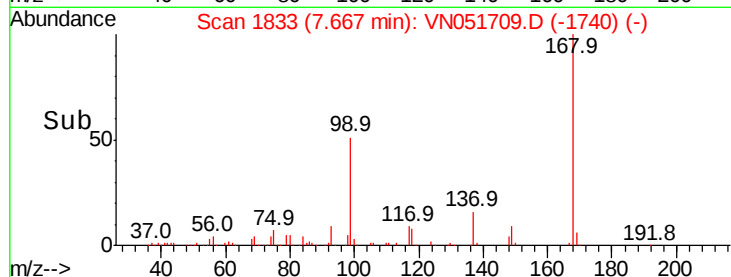
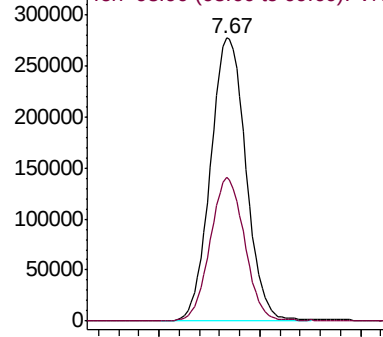
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051709.D

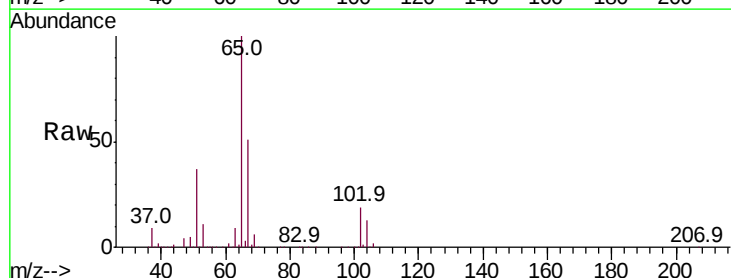
Acq: 6 Oct 2018 00:53

Tgt Ion: 65 Resp: 394163

Ion Ratio Lower Upper

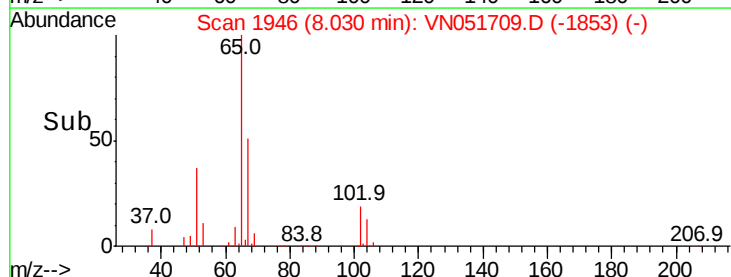
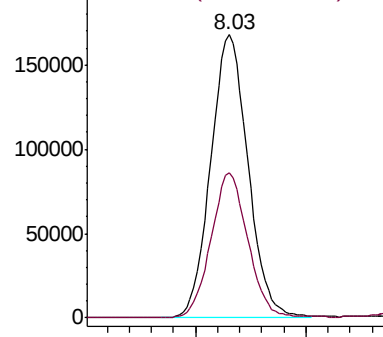
65 100

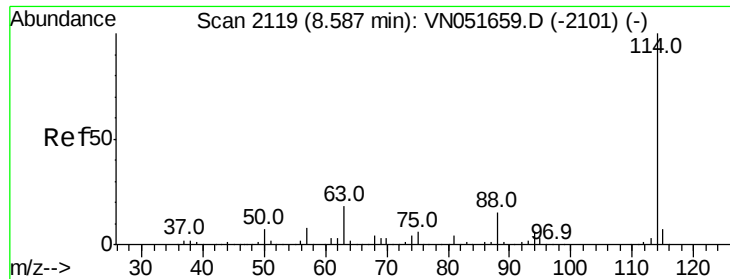
67 50.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





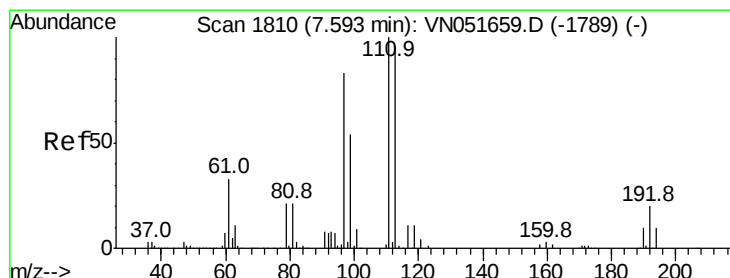
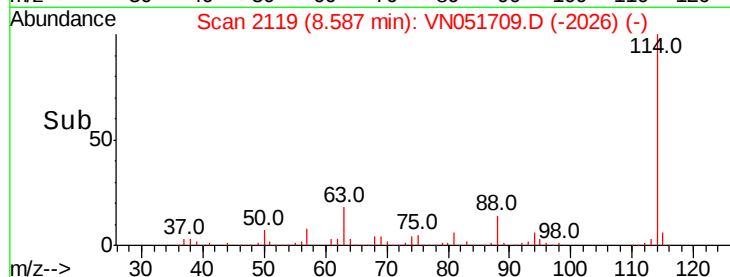
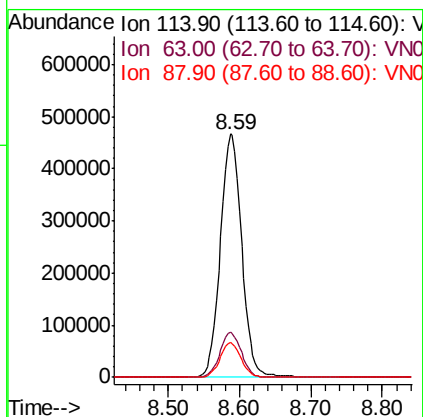
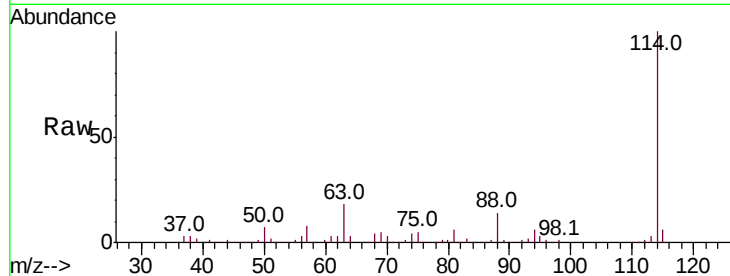
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051709.D
 Acq: 6 Oct 2018 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 B-10(13-13.5)DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	973616		
63	18.4	0.0	36.2	
88	14.3	0.0	30.2	

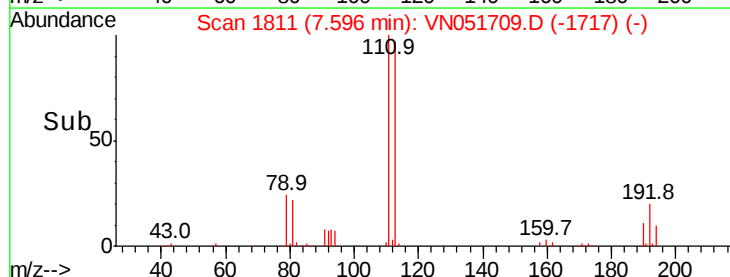
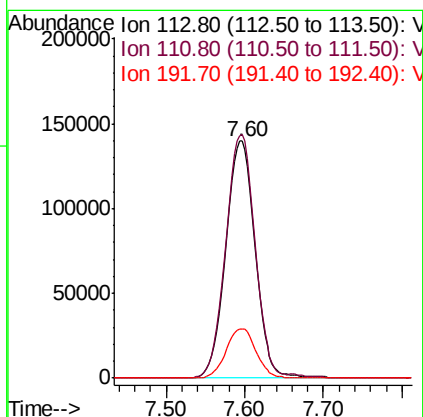
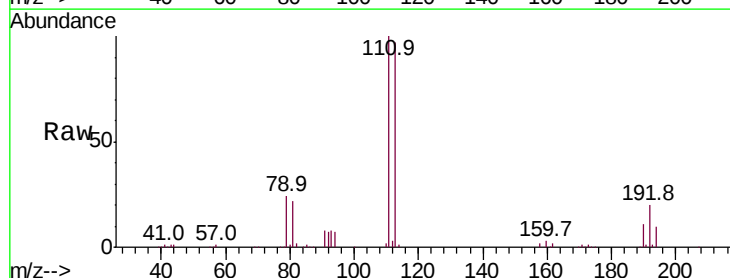
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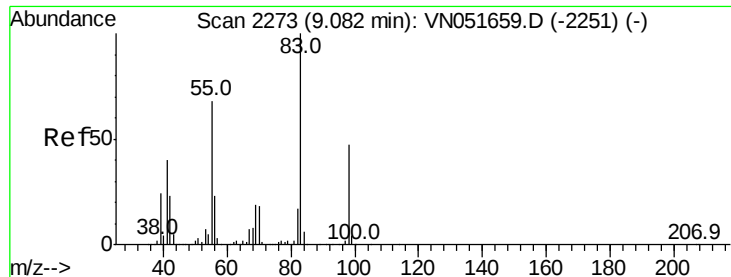
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VN051709.D
 Acq: 6 Oct 2018 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	361518		
111	102.0	81.8	122.8	
192	21.3	16.5	24.7	





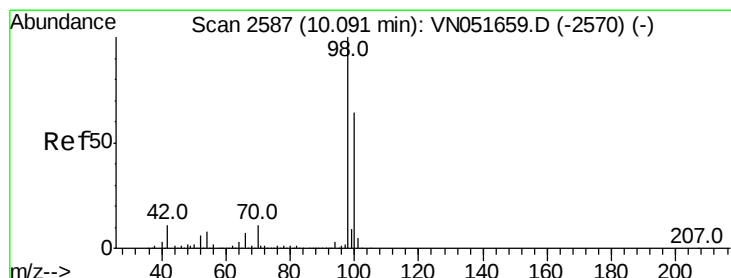
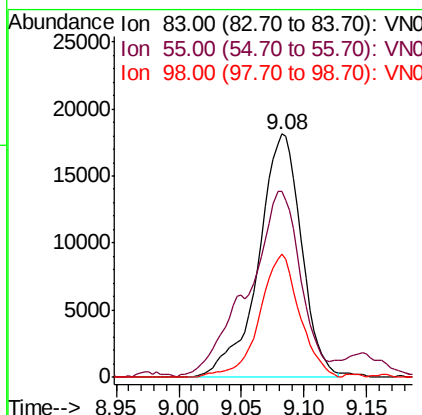
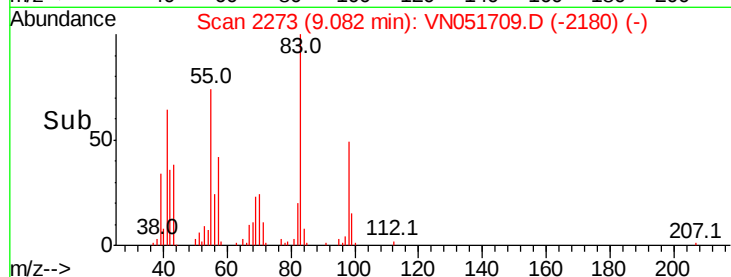
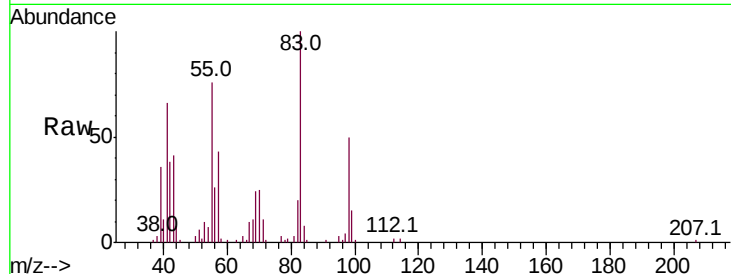
#39
Methylcyclohexane
Concen: 3.379 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051709.D
Acq: 6 Oct 2018 00:53

Instrument :
MSVOA_N
ClientSampleId :
B-10(13-13.5)DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	54.3	81.5
98	50.5	37.4	56.2

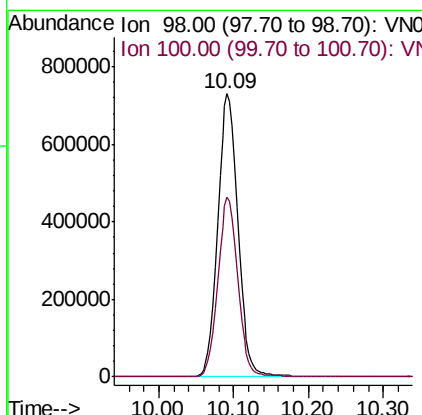
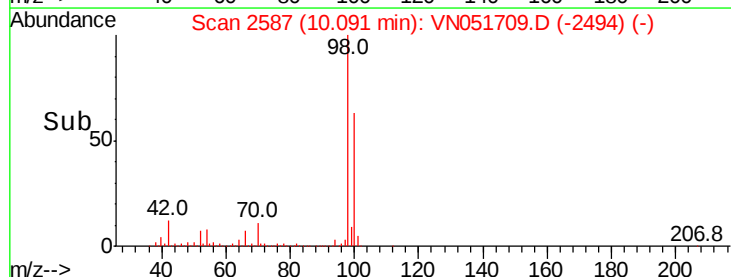
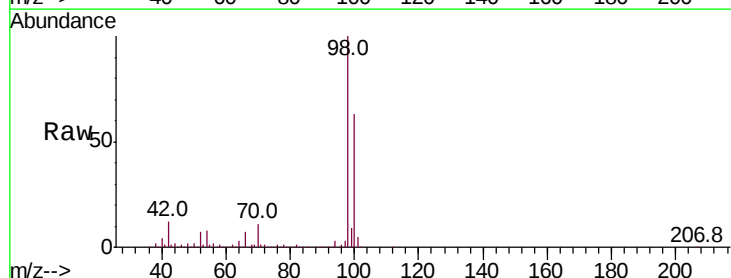
Manual Integrations
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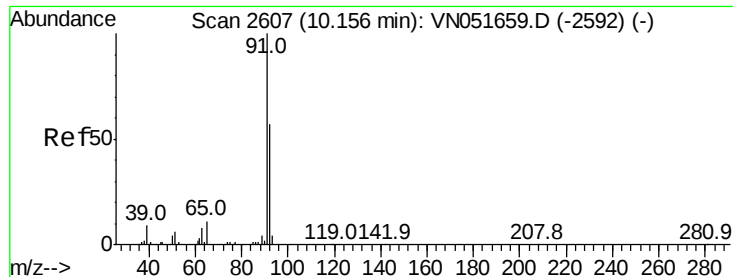
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051709.D
Acq: 6 Oct 2018 00:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.5	77.3





#52

Toluene

Concen: 7.916 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN051709.D

Acq: 6 Oct 2018 00:53

Instrument :

MSVOA_N

ClientSampled :

B-10(13-13.5)DL

Tot Ion: 92 Resp: 158844

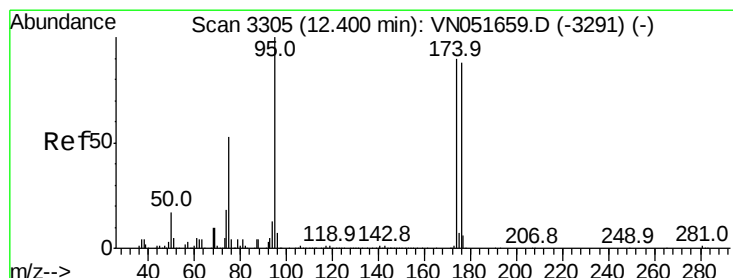
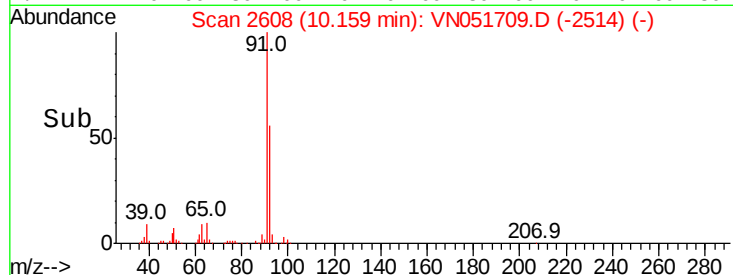
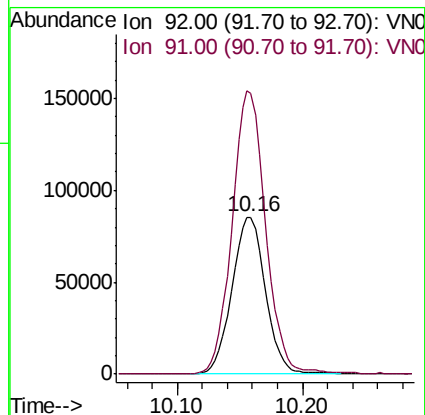
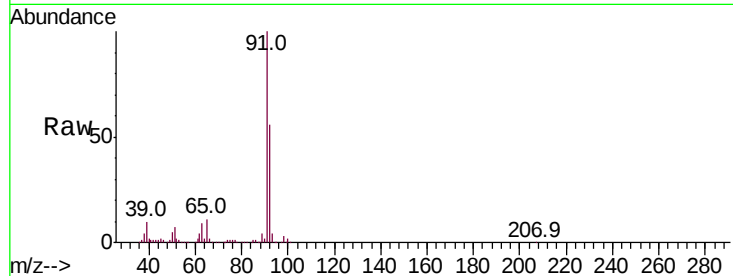
Ion Ratio Lower Upper

92 100

91 179.6 140.3 210.5

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051709.D

Acq: 6 Oct 2018 00:53

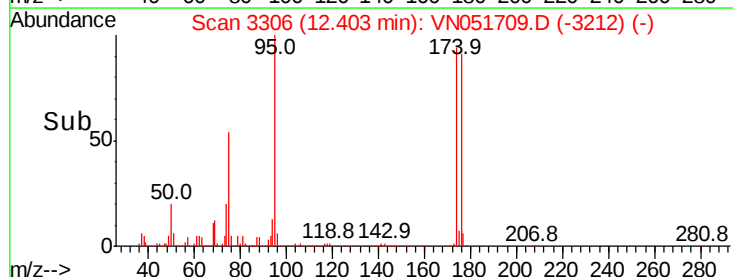
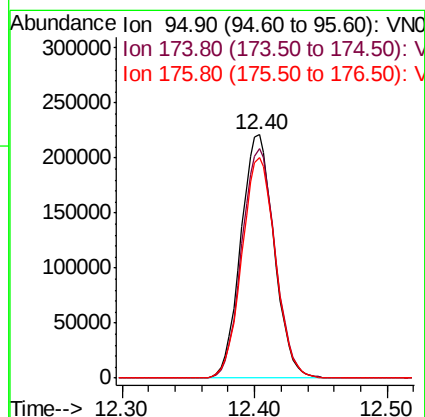
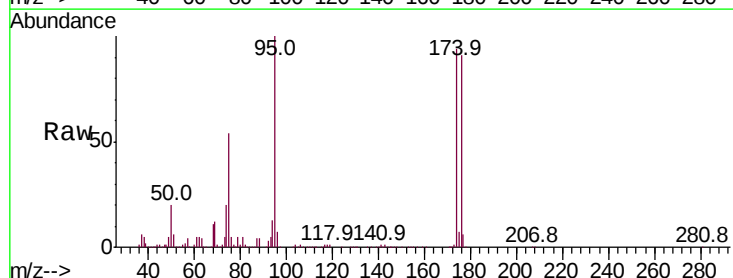
Tgt Ion: 95 Resp: 384157

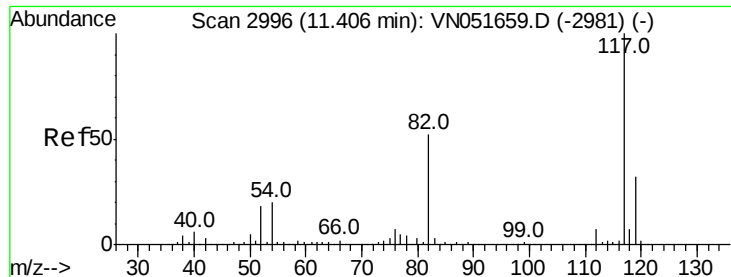
Ion Ratio Lower Upper

95 100

174 95.2 0.0 182.8

176 91.6 0.0 176.4





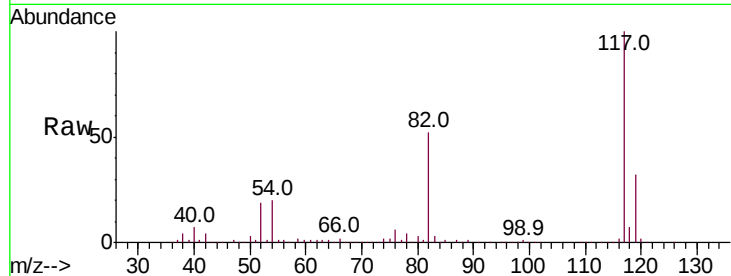
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051709.D
Acq: 6 Oct 2018 00:53

Instrument :
MSVOA_N
ClientSampleId :
B-10(13-13.5)DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.3	61.9
119	31.8	25.9	38.9

Manual Integrations
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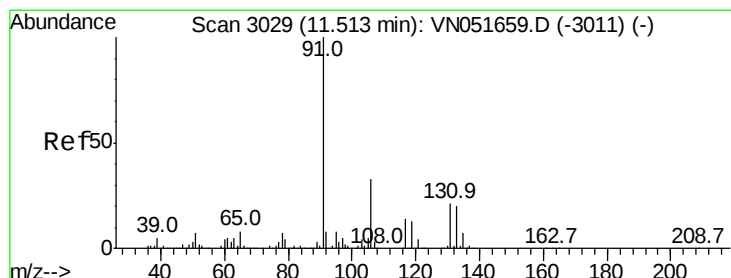
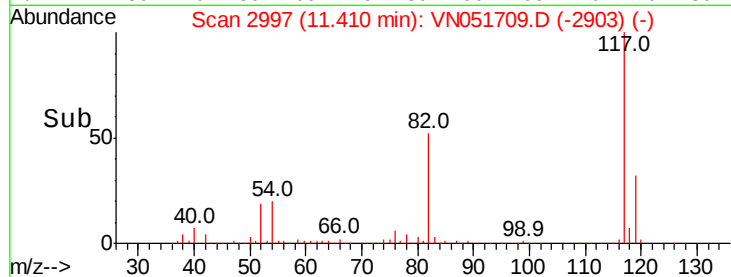
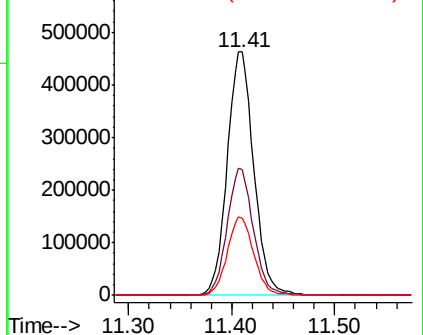


Abundance

Ion 116.90 (116.60 to 117.60): V

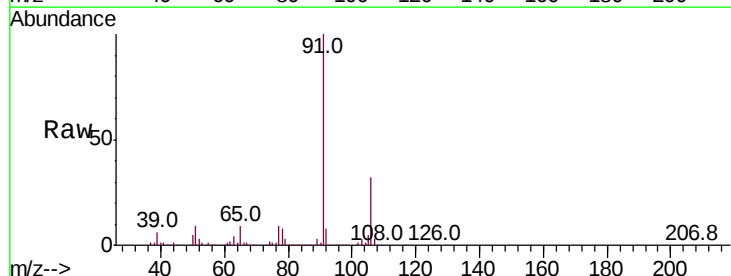
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#67
Ethyl Benzene
Concen: 10.724 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051709.D
Acq: 6 Oct 2018 00:53

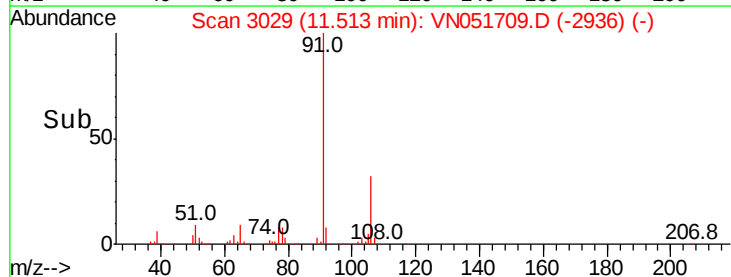
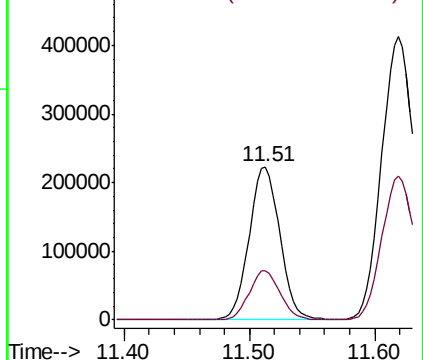
Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.2	26.0	39.0

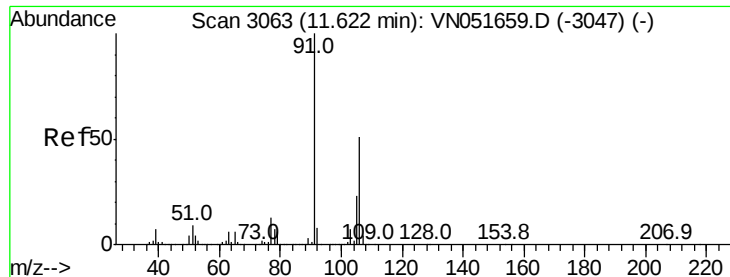


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 27.634 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN051709.D

Acq: 6 Oct 2018 00:53

Instrument :

MSVOA_N

ClientSampled :

B-10(13-13.5)DL

Tot Ion:106 Resp: 394020

Ion Ratio Lower Upper

106 100

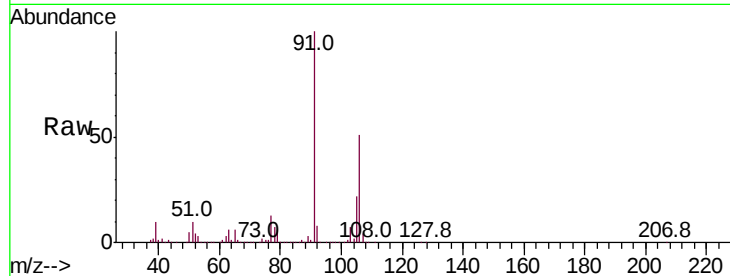
91 197.8 158.4 237.6

Manual Integrations

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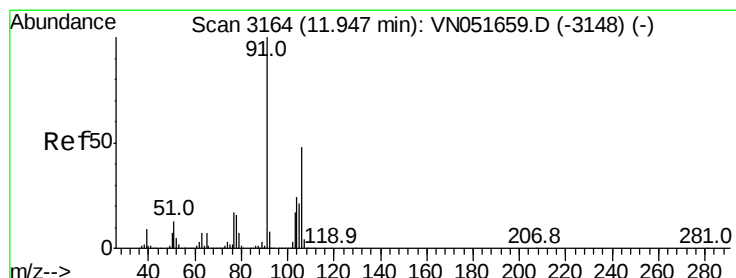
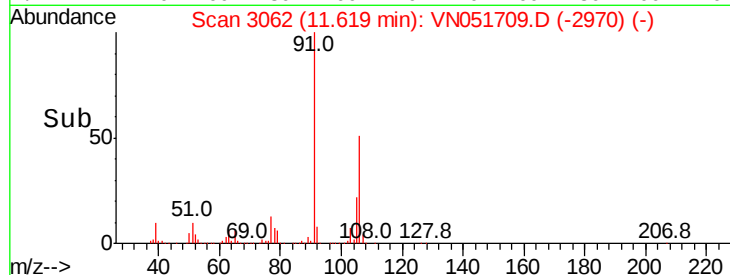
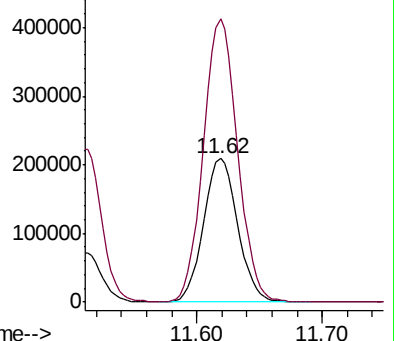
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 8.500 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN051709.D

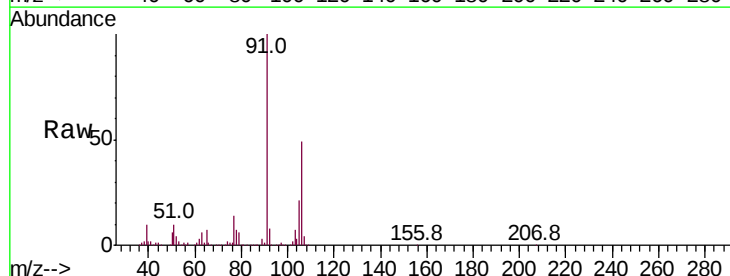
Acq: 6 Oct 2018 00:53

Tgt Ion:106 Resp: 118855

Ion Ratio Lower Upper

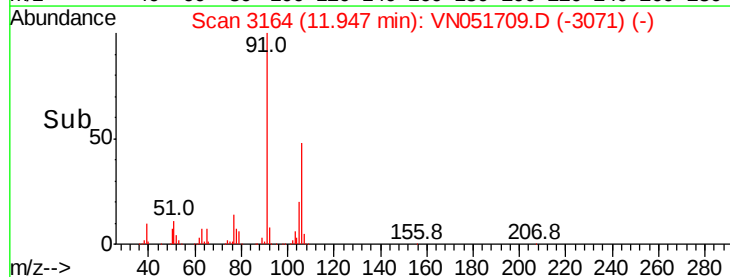
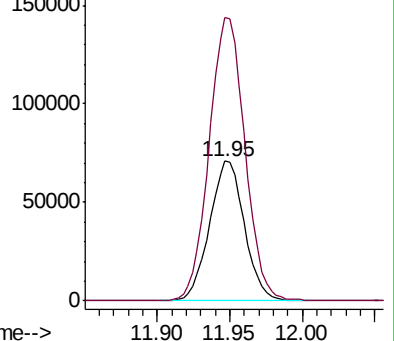
106 100

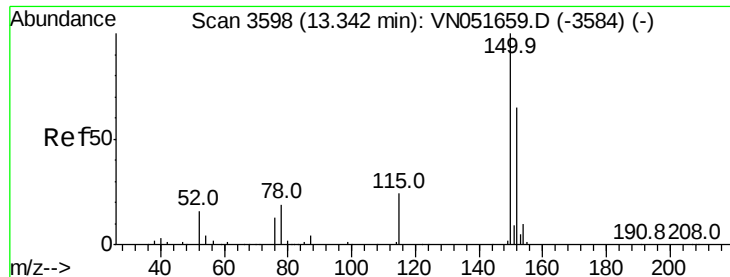
91 207.6 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051709.D

Acq: 6 Oct 2018 00:53

Instrument :

MSVOA_N

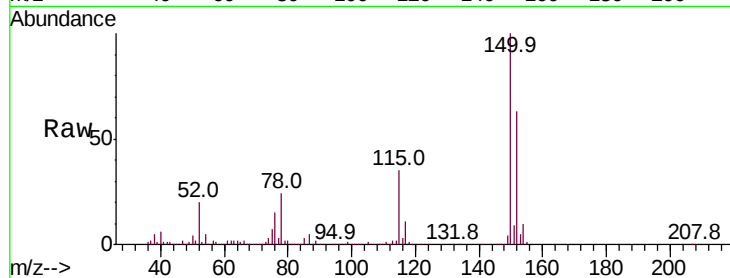
ClientSampleId :

B-10(13-13.5)DL

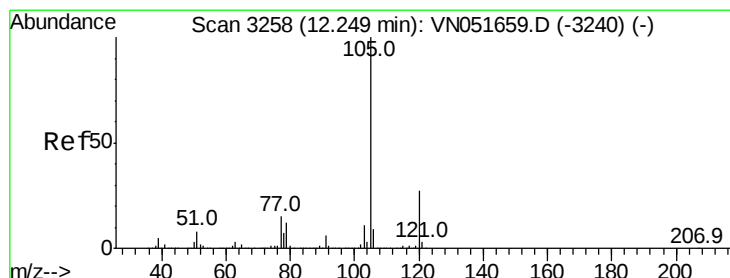
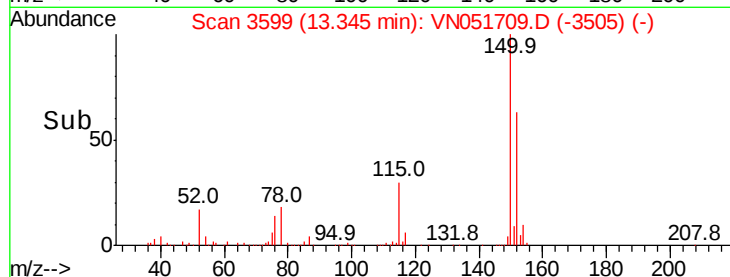
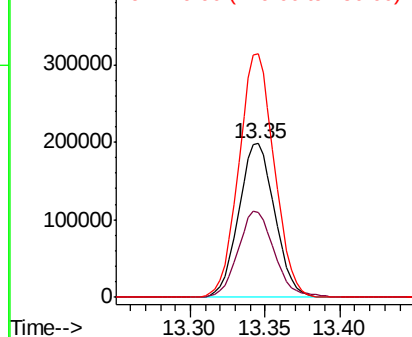
Tot Ion:	152	Resp:	331801
Ion Ratio	Lower	Upper	
152	100		
115	55.4	28.6	85.8
150	156.1	0.0	352.4

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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: 1.513 ug/l

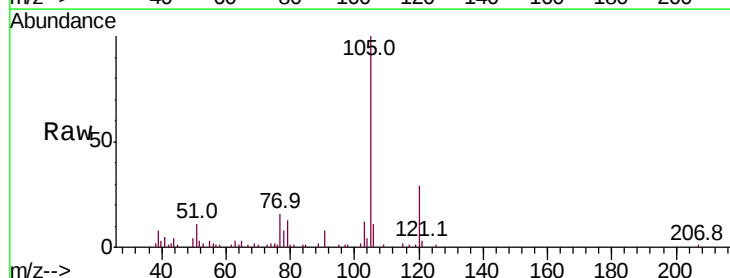
RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

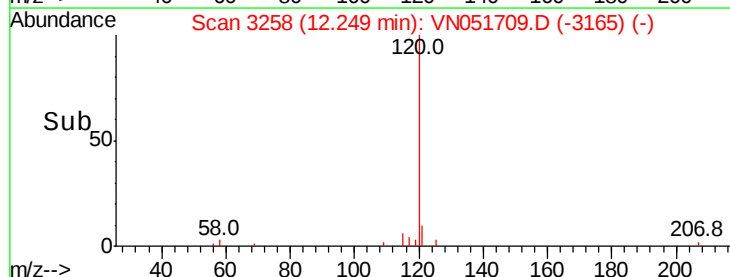
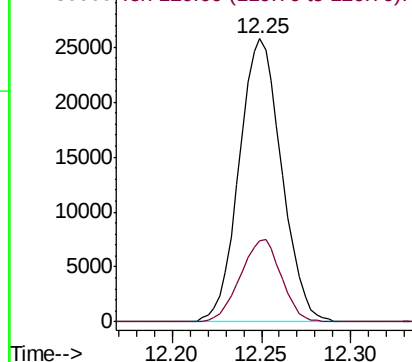
Lab File: VN051709.D

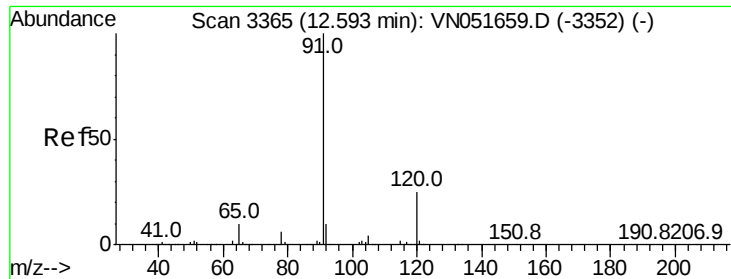
Acq: 6 Oct 2018 00:53

Tgt Ion:	105	Resp:	42801
Ion Ratio	Lower	Upper	
105	100		
120	28.1	13.9	41.6



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





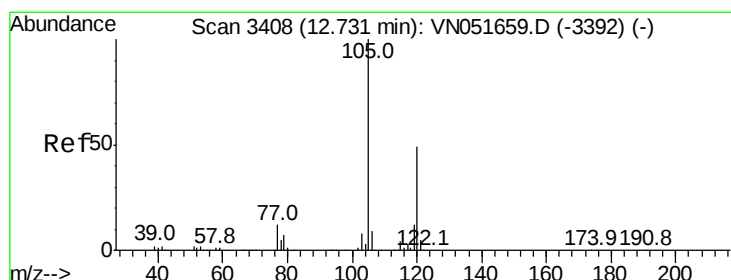
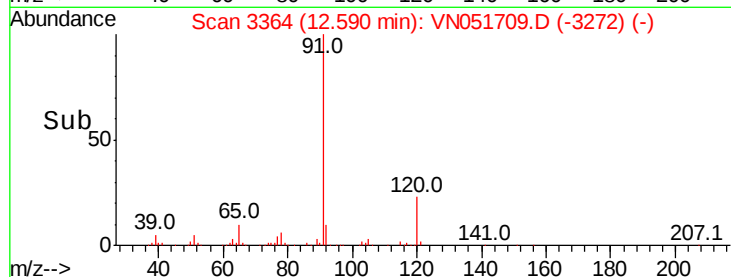
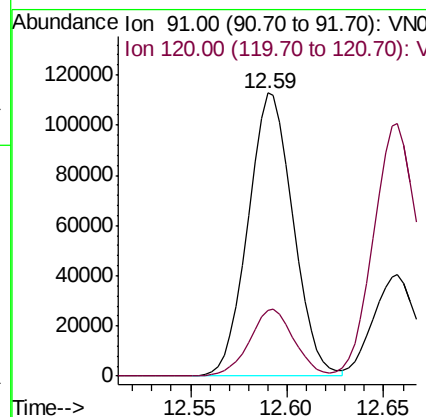
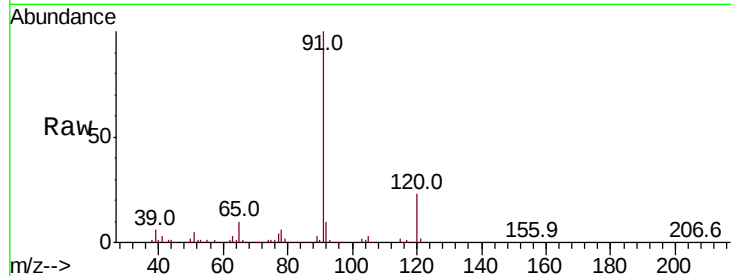
#78
n-propylbenzene
Concen: 5.894 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051709.D
Acq: 6 Oct 2018 00:53

Instrument :
MSVOA_N
ClientSampled :
B-10(13-13.5)DL

Tot Ion: 91 Resp: 181827
Ion Ratio Lower Upper
91 100
120 23.6 12.4 37.2

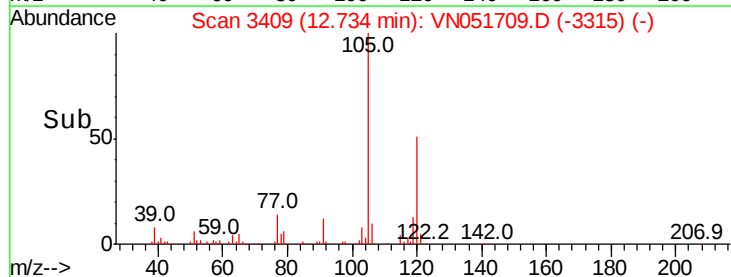
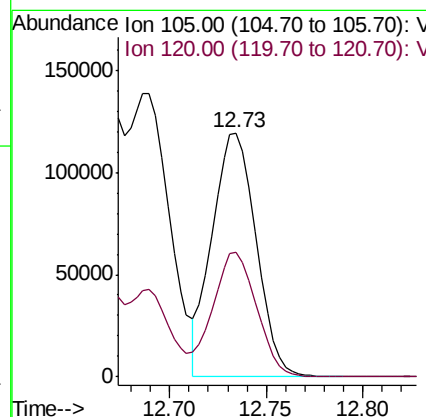
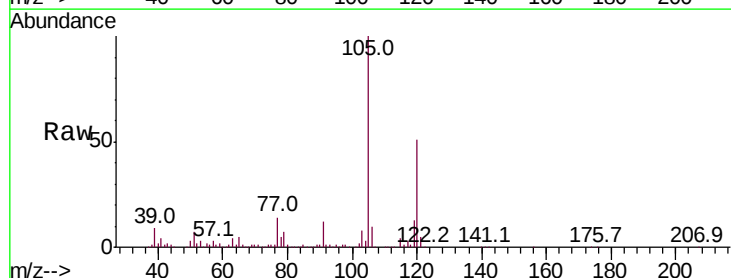
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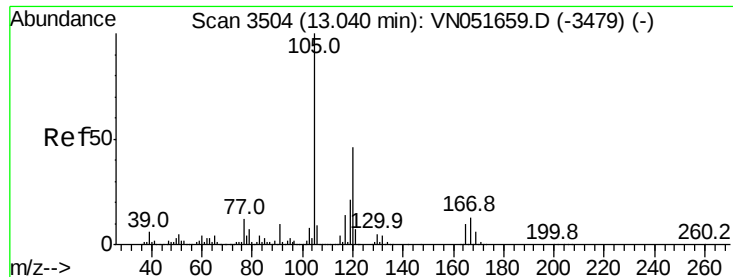
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#80
1,3,5-Trimethylbenzene
Concen: 7.929 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051709.D
Acq: 6 Oct 2018 00:53

Tgt Ion: 105 Resp: 188994
Ion Ratio Lower Upper
105 100
120 51.6 24.6 74.0





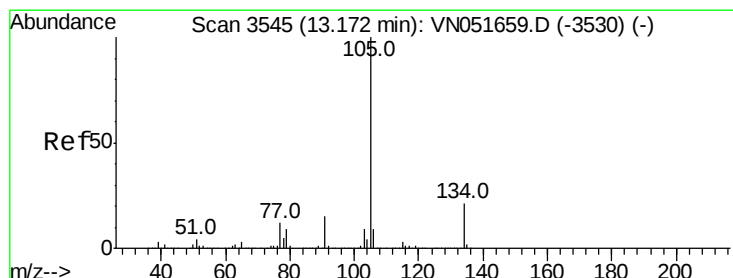
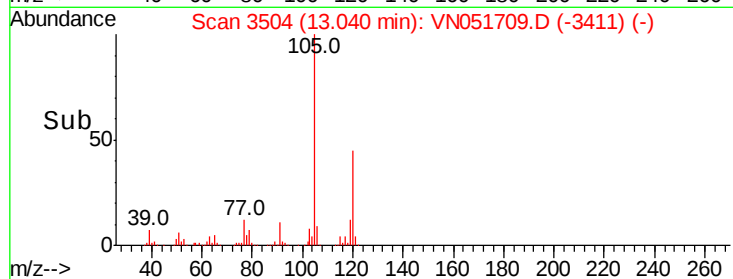
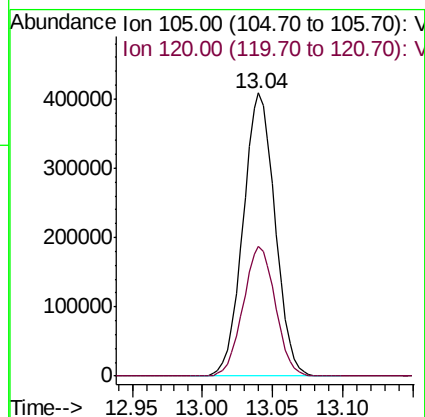
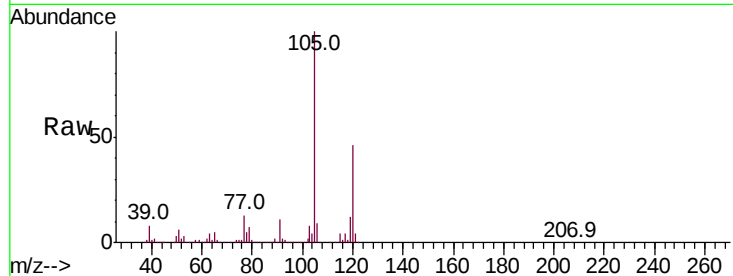
#84
 1,2,4-Trimethylbenzene
 Concen: 27.125 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051709.D
 Acq: 6 Oct 2018 00:53

Instrument :
 MSVOA_N
 ClientSampled :
 B-10(13-13.5)DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.7

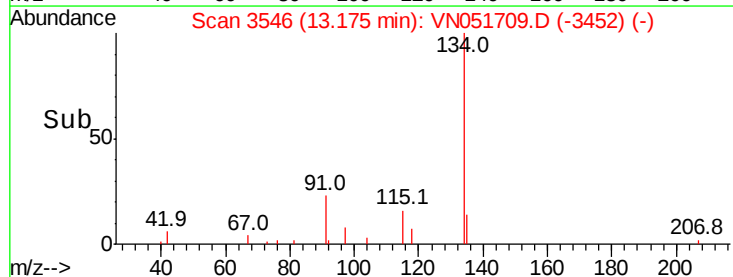
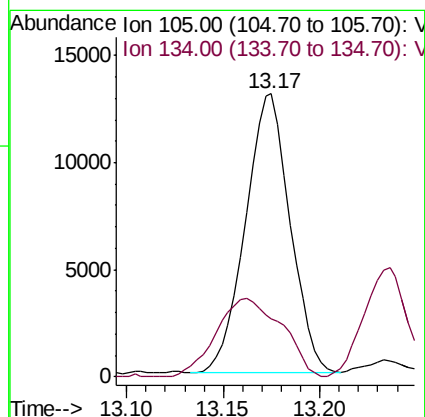
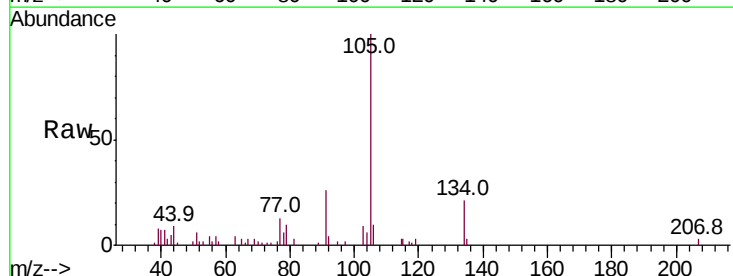
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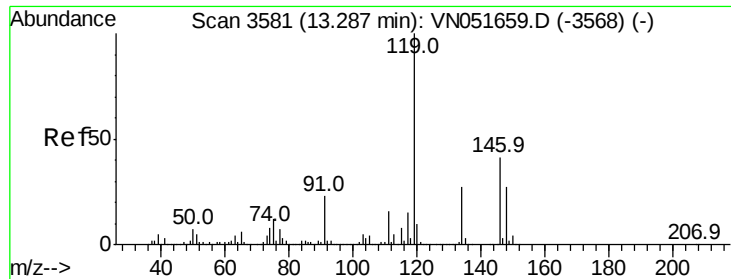
MMDadoda
 10/8/2018 12:50:11 PM



#85
 sec-Butylbenzene
 Concen: 0.742 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN051709.D
 Acq: 6 Oct 2018 00:53

Tgt Ion	Ratio	Lower	Upper
105	100		
134	41.2	10.5	31.6





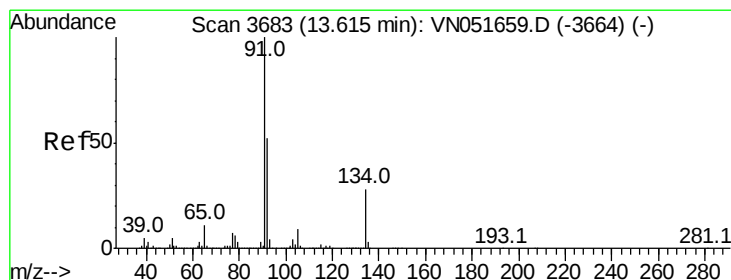
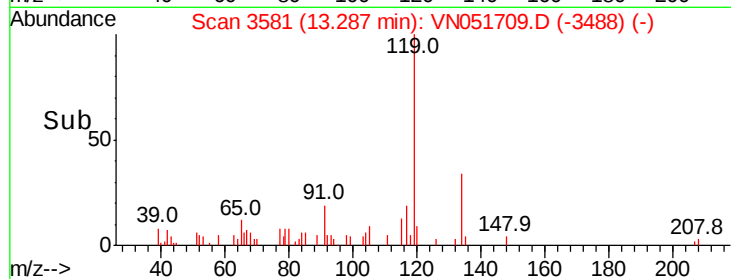
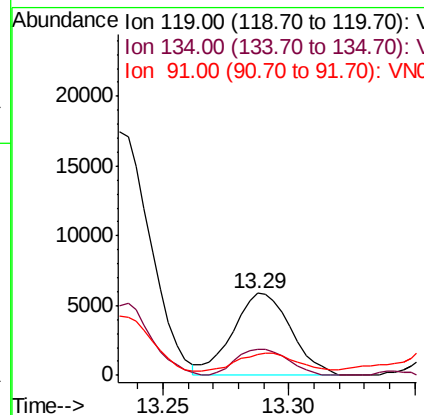
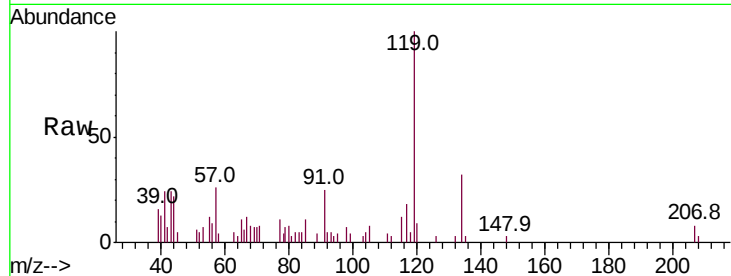
#86
p-Isopropyltoluene
Concen: 0.377 ug/l m
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN051709.D
Acq: 6 Oct 2018 00:53

Instrument :
MSVOA_N
ClientSampleId :
B-10(13-13.5)DL

Tot Ion	Ratio	Resp	Lower	Upper
119	100	9452		
134	84.5		13.4	40.2#
91	67.8		11.7	35.1#

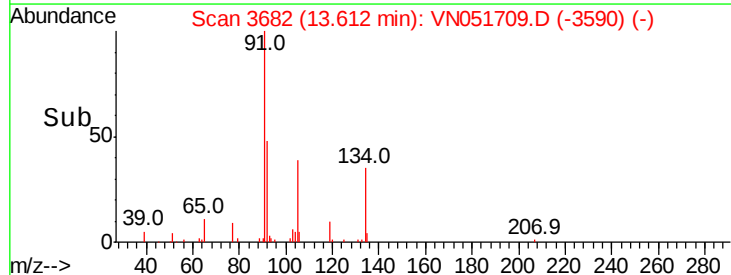
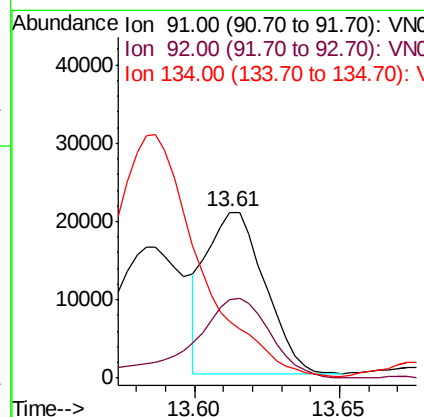
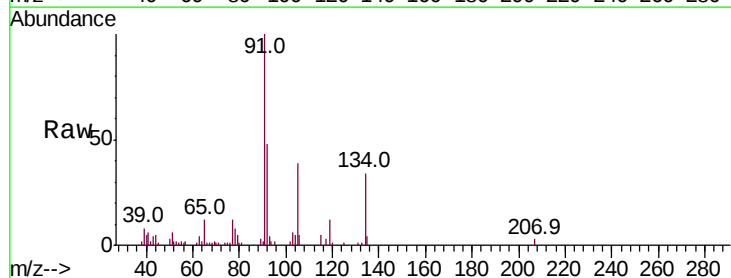
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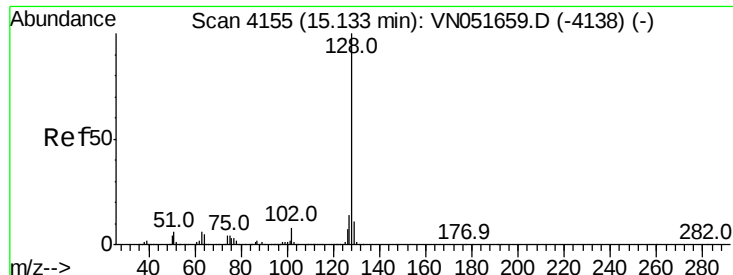
MMDadoda
10/8/2018 12:50:11 PM



#89
n-Butylbenzene
Concen: 1.451 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051709.D
Acq: 6 Oct 2018 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	28743		
92	66.9		26.0	78.0
134	0.0		14.2	42.6#





#95
Naphthalene
Concen: 3.623 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051709.D
Acq: 6 Oct 2018 00:53

Instrument :
MSVOA_N
ClientSampleId :
B-10(13-13.5)DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	15.8
129	10.7	9.0	13.6

Manual Integrations
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10/8/2018 12:50:11 PM

