

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
 Data File : VN050814.D
 Acq On : 22 Aug 2018 12:59
 Operator : MD\SY
 Sample : J4510-01
 Misc : 6.99g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WC4-UST-0818

Manual Integrations
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 8/23/2018 12:26:45 PM

Quant Time: Aug 23 03:13:22 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	602467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	921426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	898829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	686432	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	372231	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
35) Dibromofluoromethane	7.59	113	350419	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	10.09	98	1521251	55.51	ug/l	0.00
Spiked Amount			Recovery	=	111.02%	
62) 4-Bromofluorobenzene	12.40	95	1239659	136.12	ug/l	0.00
Spiked Amount			Recovery	=	272.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.33	43	13668	2.00	ug/l	91
39) Methylcyclohexane	9.08	83	69364	5.90	ug/l	95
52) Toluene	10.16	92	59316	3.05	ug/l	98
64) Tetrachloroethene	10.63	164	27033	3.17	ug/l	96
67) Ethyl Benzene	11.51	91	2306069	60.38	ug/l	100
68) m/p-Xylenes	11.62	106	12494222	861.82	ug/l #	1
69) o-Xylene	11.95	106	7736307	555.07	ug/l	94
73) Isopropylbenzene	12.25	105	5224253	91.91	ug/l	100
78) n-propylbenzene	12.59	91	13795713	217.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.72	105	20765589m	452.78	ug/l	
83) tert-Butylbenzene	13.00	119	1221848	30.76	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	26576742m	576.09	ug/l	
85) sec-Butylbenzene	13.18	105	10694890	205.49	ug/l #	75
86) p-Isopropyltoluene	13.29	119	7092004	159.92	ug/l	99
89) n-Butylbenzene	13.62	91	9199506	259.36	ug/l #	73
95) Naphthalene	15.13	128	4310270	145.59	ug/l	100

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

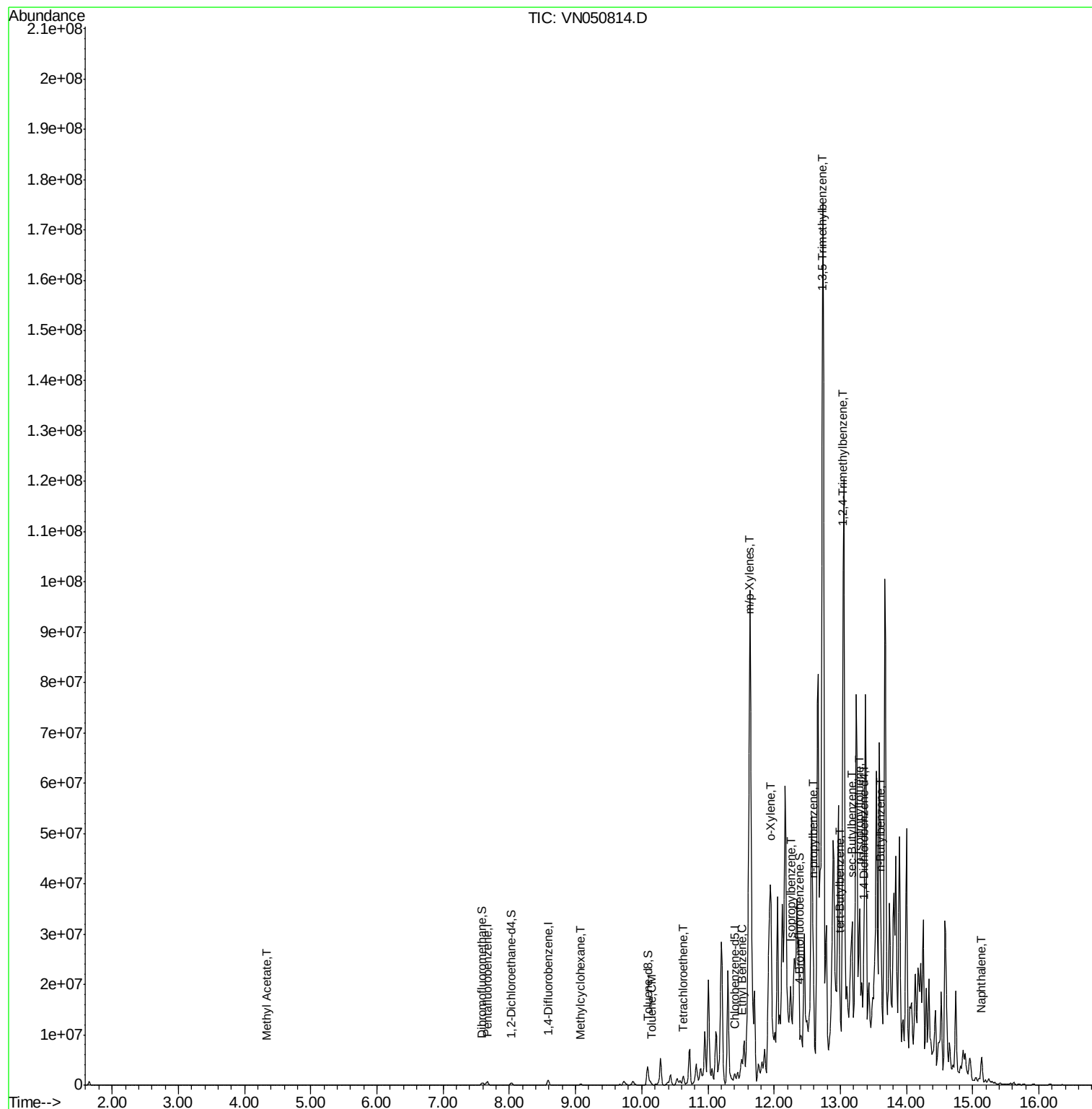
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
Data File : VN050814.D
Acq On : 22 Aug 2018 12:59
Operator : MD\SY
Sample : J4510-01
Misc : 6.99µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

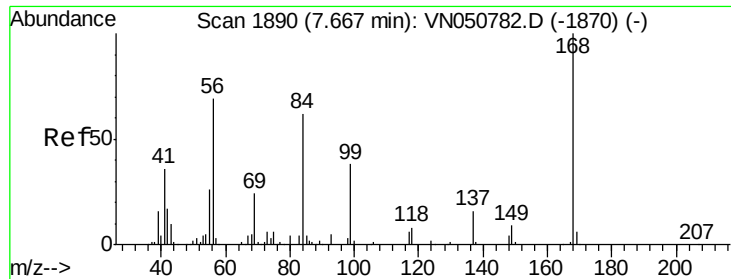
Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

Manual Integrations
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Quant Time: Aug 23 03:13:22 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





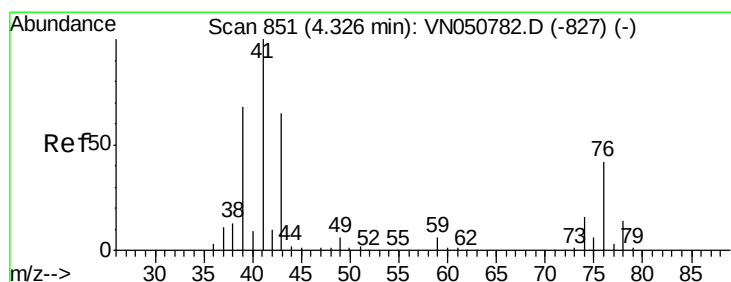
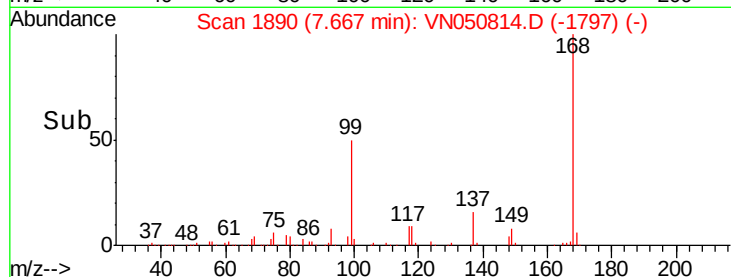
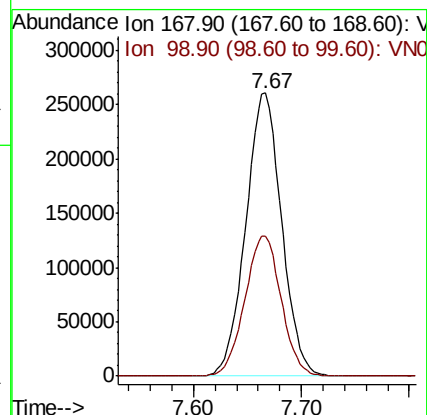
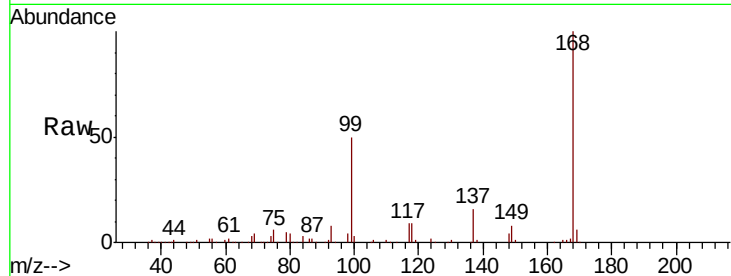
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.6	59.4

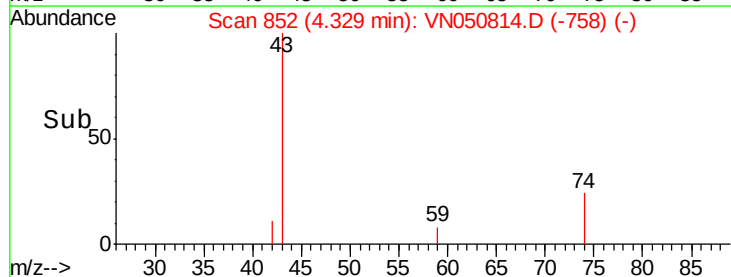
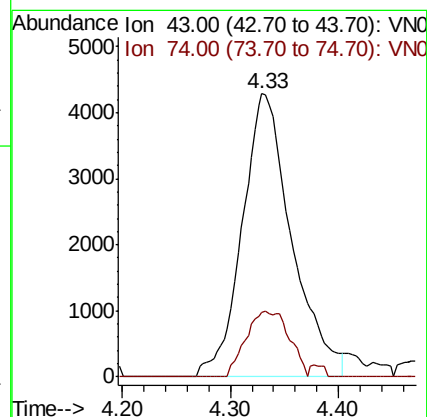
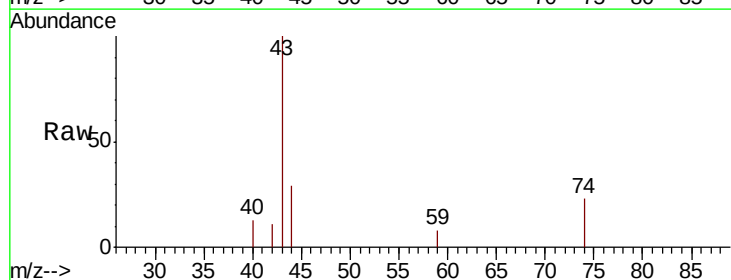
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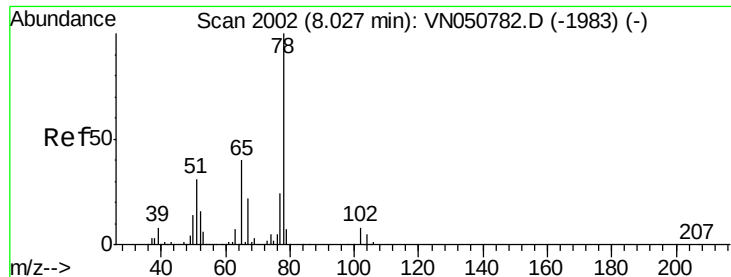
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#18
Methyl Acetate
Concen: 2.00 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.1	19.8	29.8





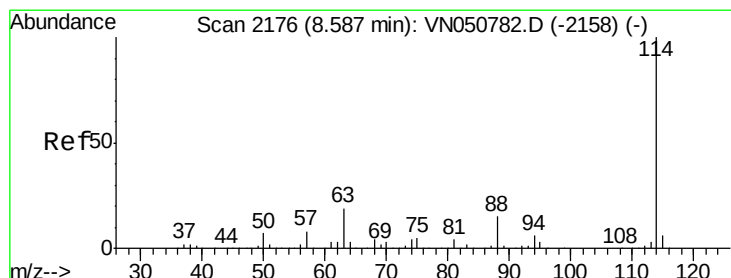
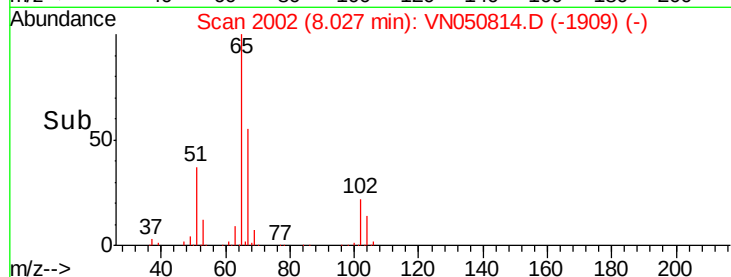
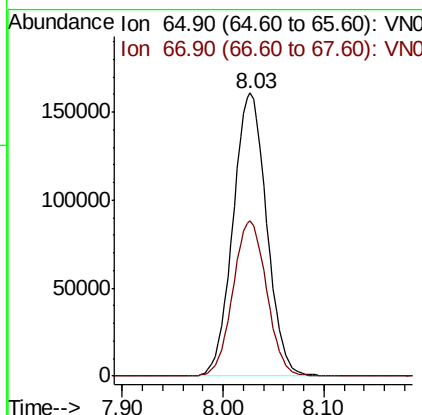
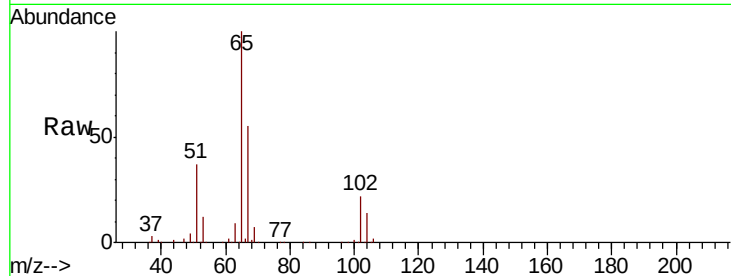
#33
 1,2-Dichloroethane-d4
 Concen: 51.32 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WC4-UST-0818

Tot Ion	Ratio	Resp	Lower	Upper
65	100	372231		
67	54.8	0.0	110.4	

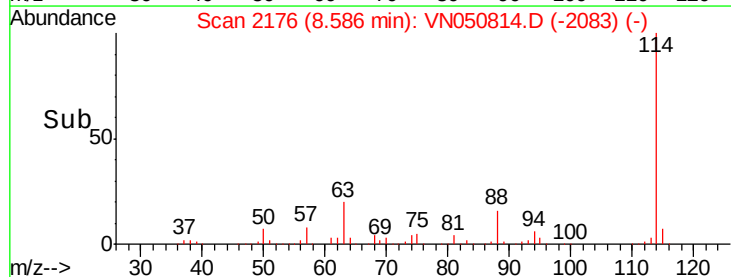
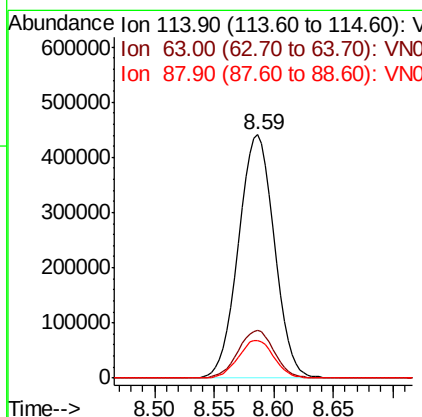
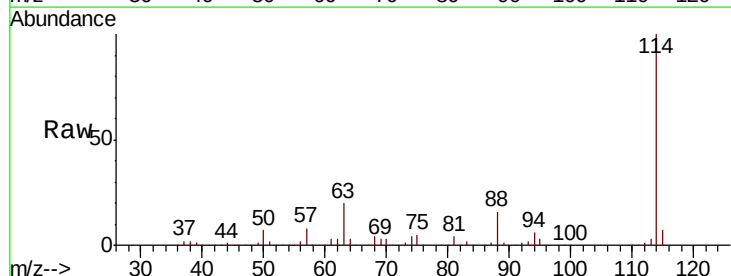
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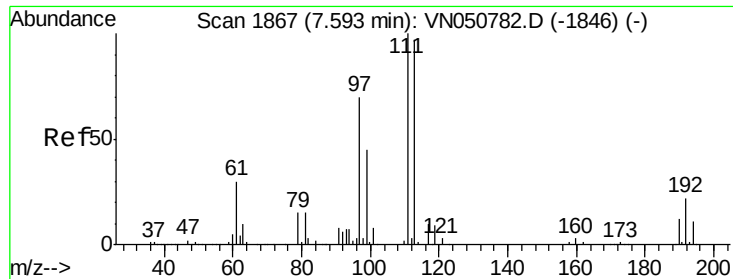
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	921426		
63	19.6	0.0	38.6	
88	15.6	0.0	30.6	





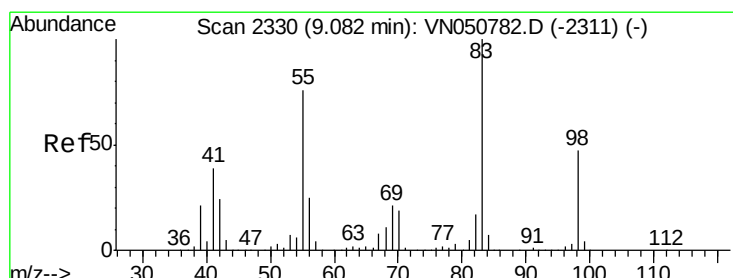
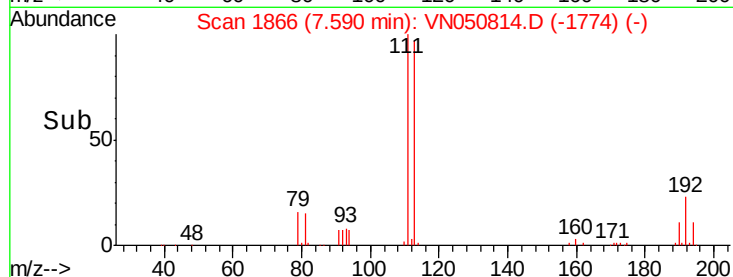
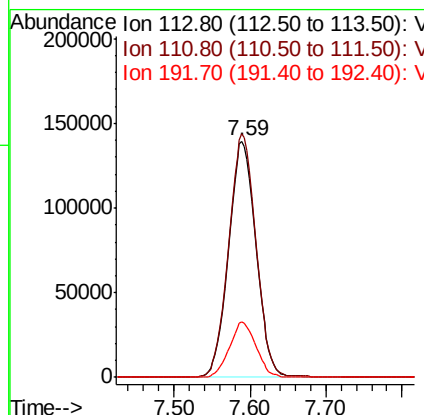
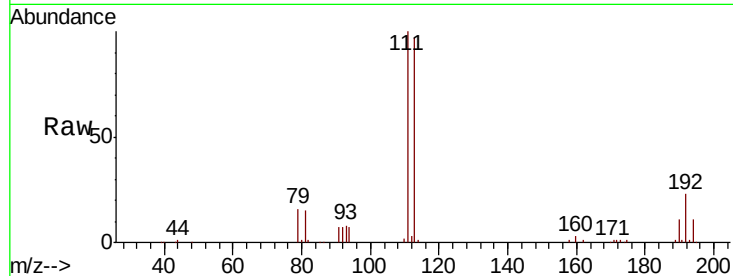
#35
 Dibromofluoromethane
 Concen: 47.80 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WC4-UST-0818

Tot Ion	Ratio	Resp	Lower	Upper
113	100	350419		
111	102.5	82.6	123.8	
192	22.8	18.0	27.0	

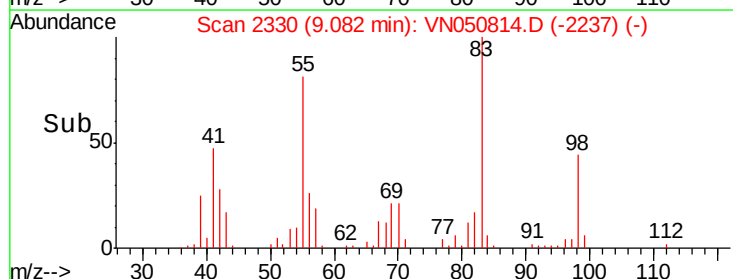
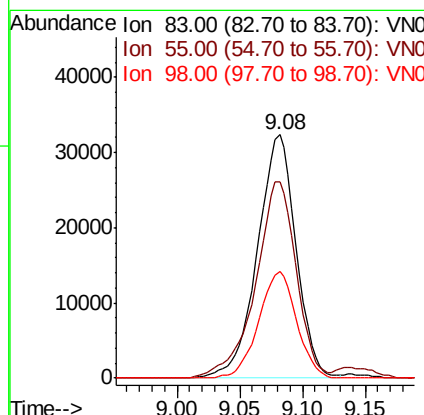
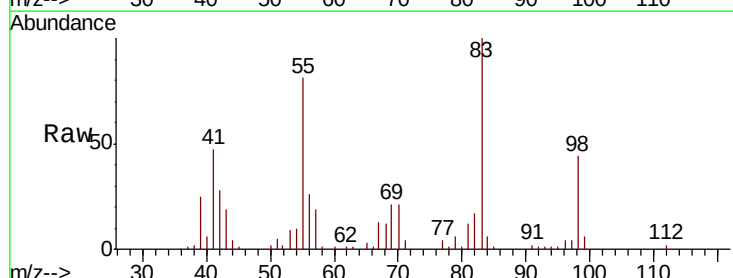
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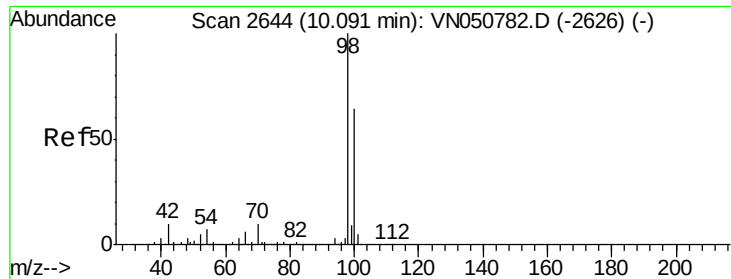
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#39
 Methylcyclohexane
 Concen: 5.90 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	69364		
55	80.7	61.0	91.4	
98	43.7	37.5	56.3	





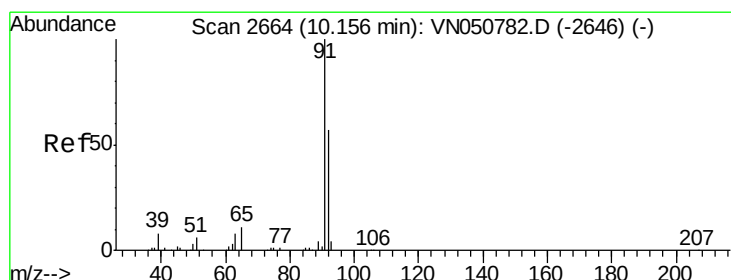
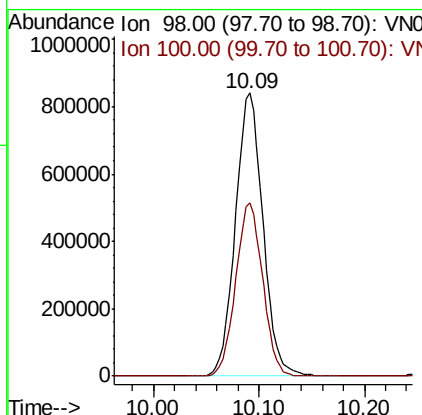
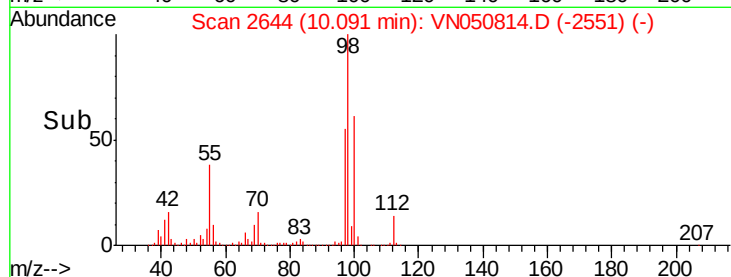
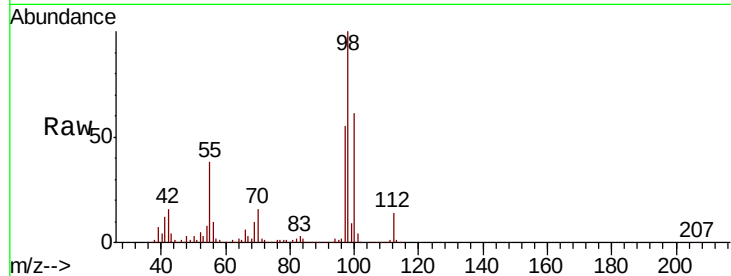
#50
Toluene-d8
Concen: 55.51 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

Tot Ion: 98 Resp: 1521251
Ion Ratio Lower Upper
98 100
100 59.9 51.5 77.3

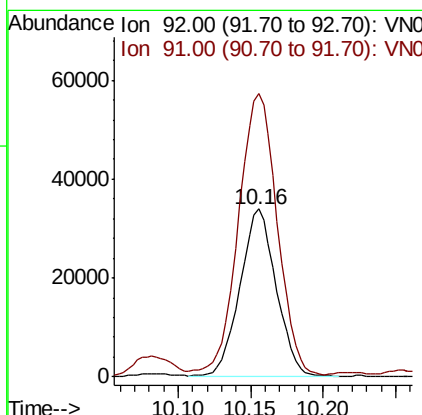
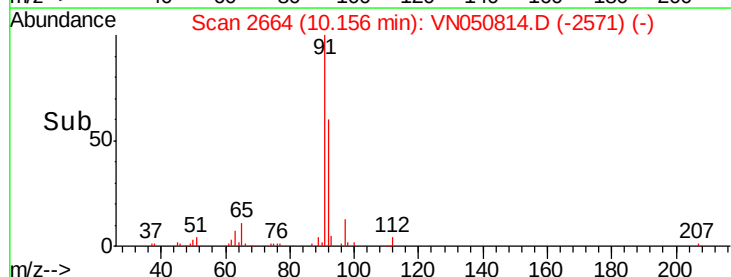
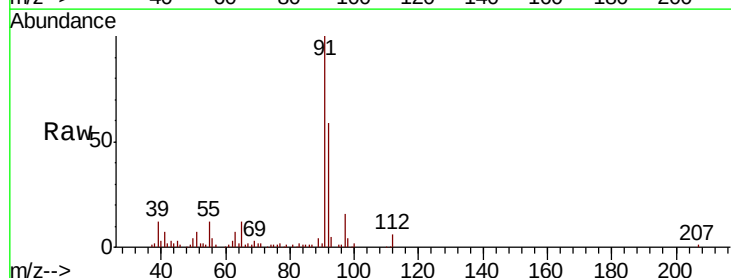
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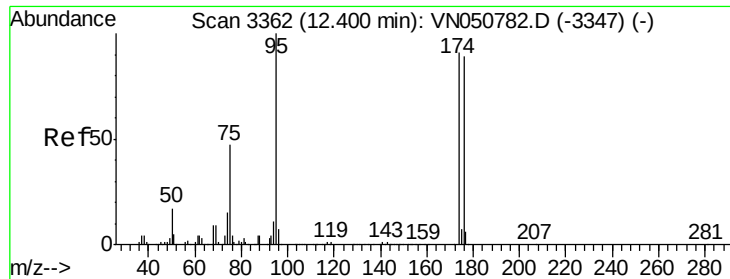
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#52
Toluene
Concen: 3.05 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion: 92 Resp: 59316
Ion Ratio Lower Upper
92 100
91 178.5 140.6 211.0





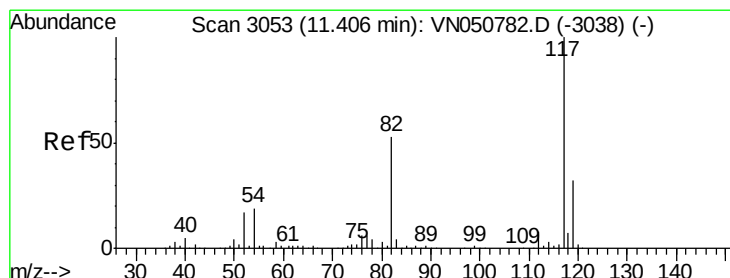
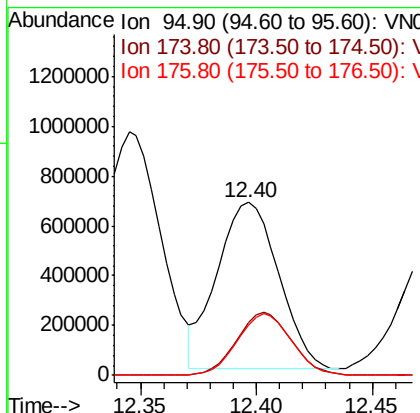
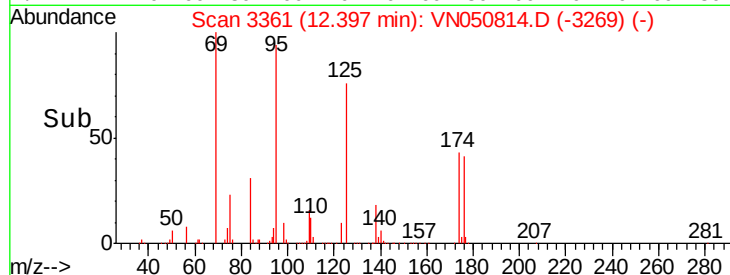
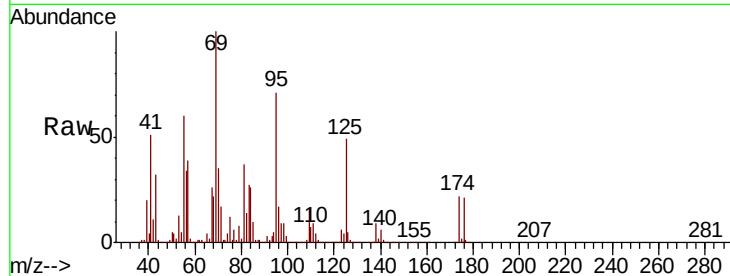
#62
4-Bromofluorobenzene
Concen: 136.12 ug/l
RT: 12.40 min Scan# 3361
Delta R.T. -0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

Tot Ion: 95 Resp: 1239659
Ion Ratio Lower Upper
95 100
174 33.4 0.0 183.0
176 32.6 0.0 178.8

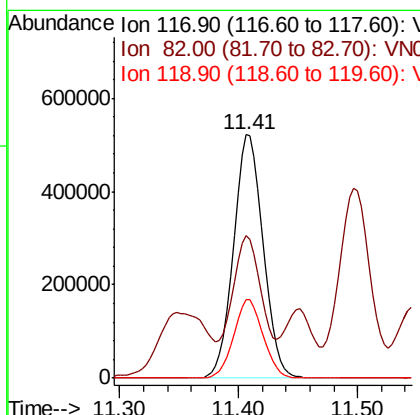
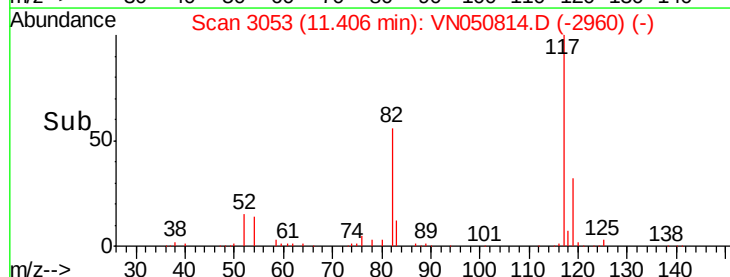
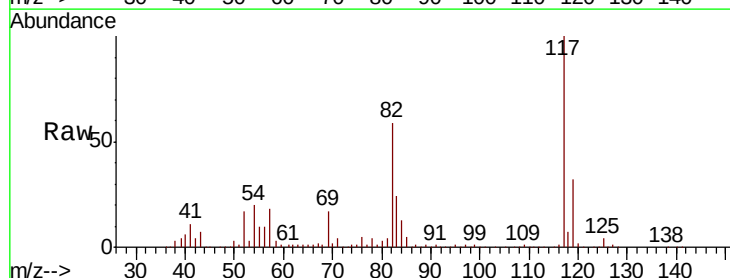
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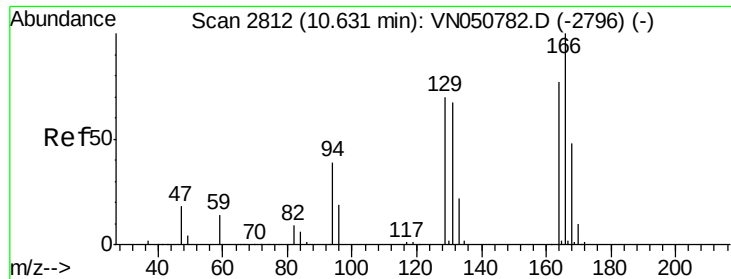
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8/23/2018 12:26:45 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion: 117 Resp: 898829
Ion Ratio Lower Upper
117 100
82 32.8 42.6 64.0#
119 32.3 25.8 38.6





#64

Tetrachloroethene

Concen: 3.17 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

Tot Ion:164 Resp: 27033

Ion Ratio Lower Upper

164 100

166 124.5 103.5 155.3

129 84.2 72.7 109.1

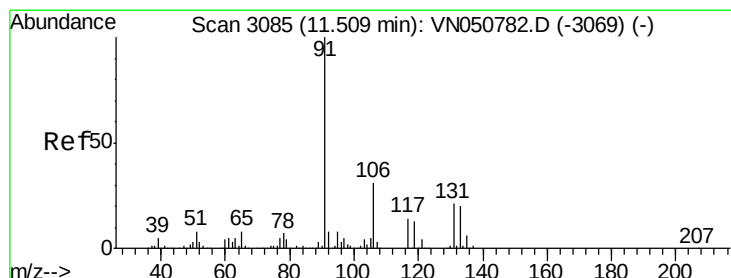
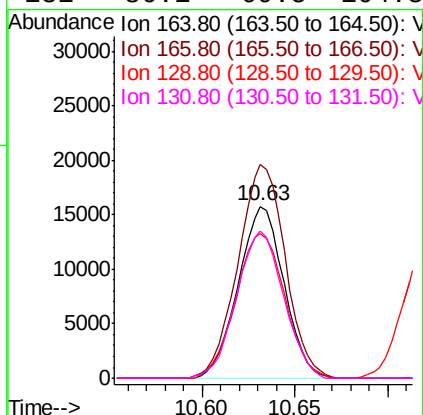
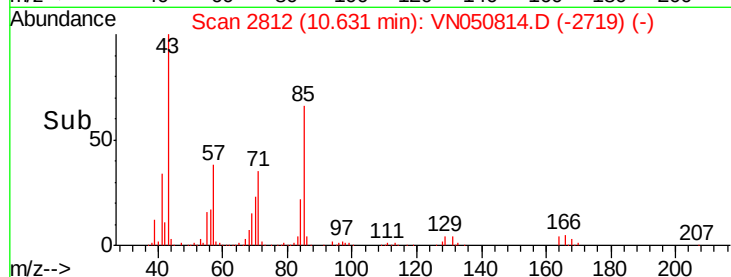
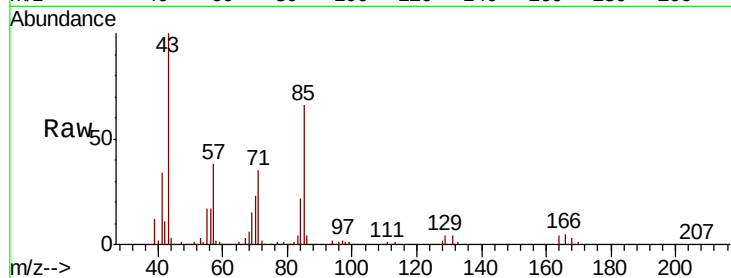
131 86.1 69.5 104.3

Manual Integrations

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8/23/2018 12:26:45 PM



#67

Ethyl Benzene

Concen: 60.38 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050814.D

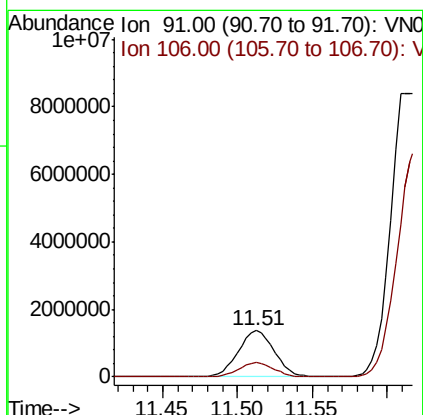
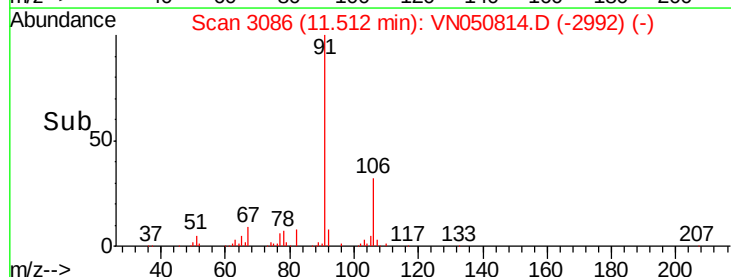
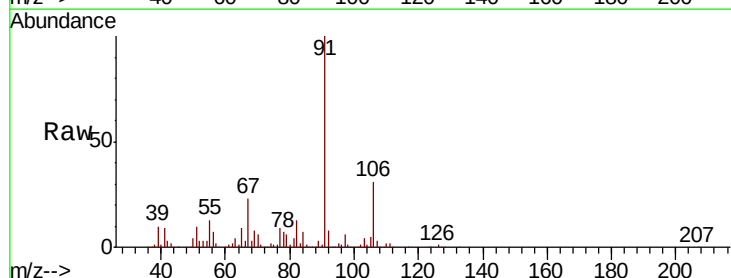
Acq: 22 Aug 2018 12:59

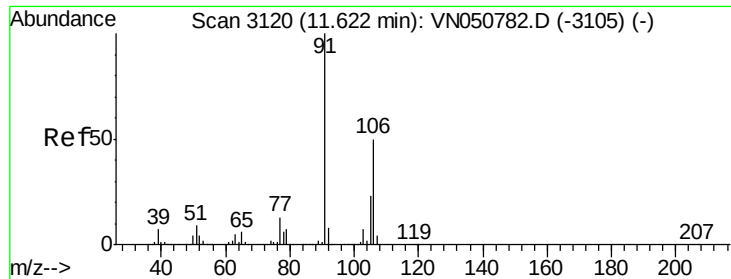
Tgt Ion: 91 Resp: 2306069

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4





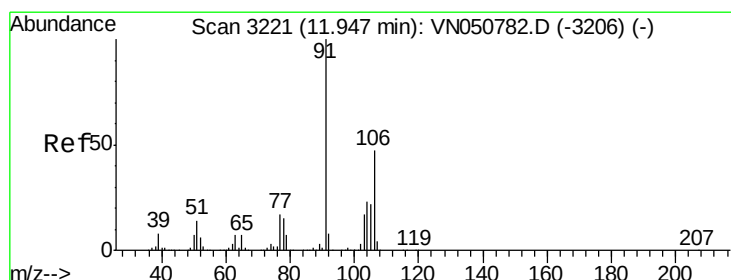
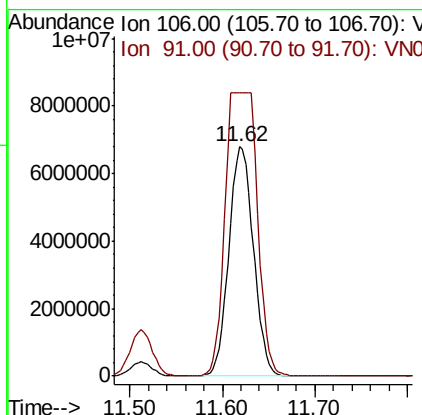
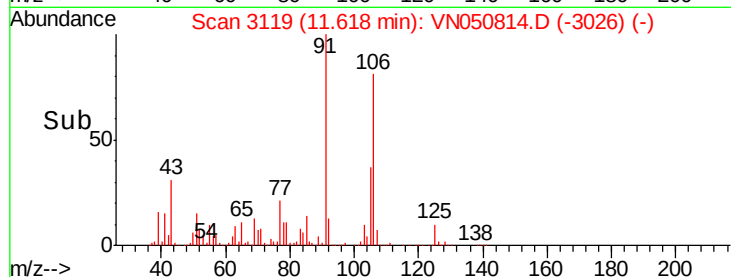
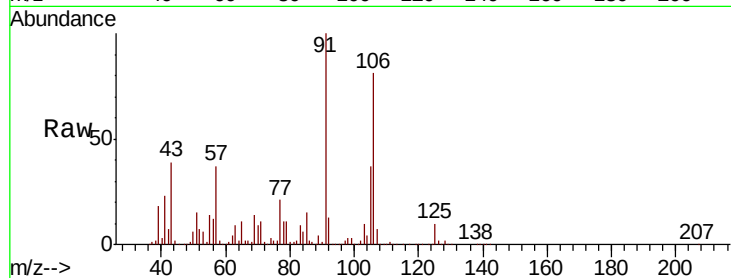
#68
m/p-Xylenes
Concen: 861.82 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Instrument :
MSVOA_N
ClientSampleId :
EP1-WC4-UST-0818

Tot Ion:106 Resp:12494222
Ion Ratio Lower Upper
106 100
91 0.0 161.0 241.6#

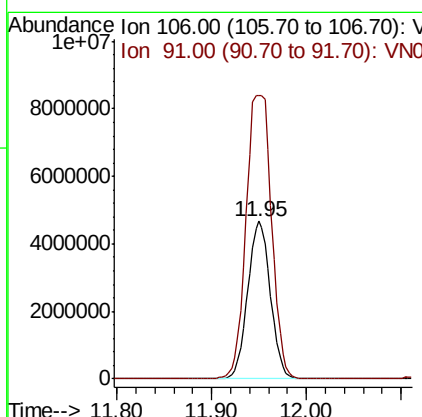
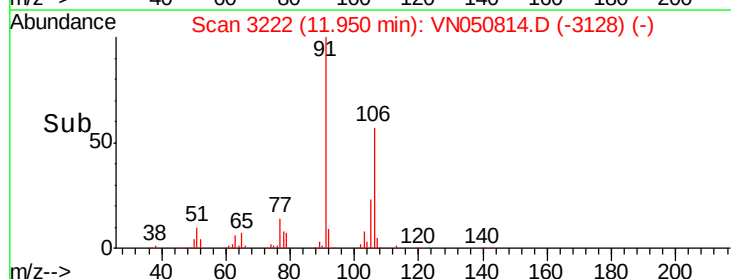
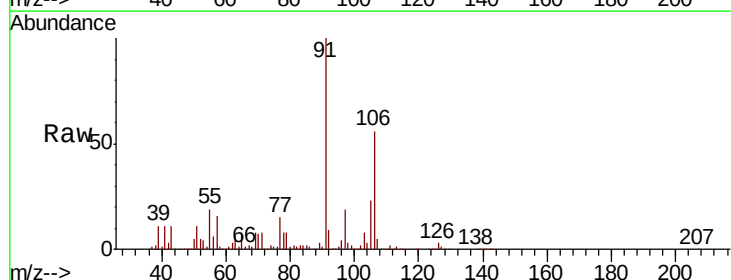
Manual Integrations
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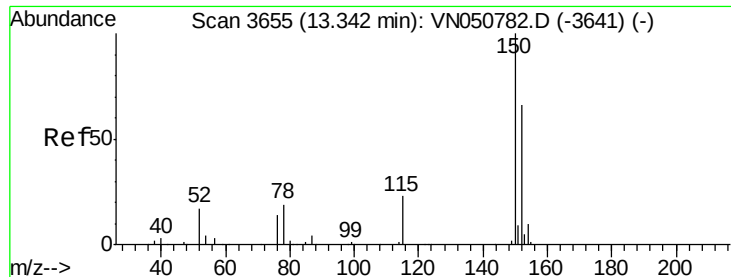
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#69
o-Xylene
Concen: 555.07 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050814.D
Acq: 22 Aug 2018 12:59

Tgt Ion:106 Resp: 7736307
Ion Ratio Lower Upper
106 100
91 203.3 106.5 319.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

Tot Ion:152 Resp: 686432

Ion Ratio Lower Upper

152 100

115 0.0 27.8 83.4#

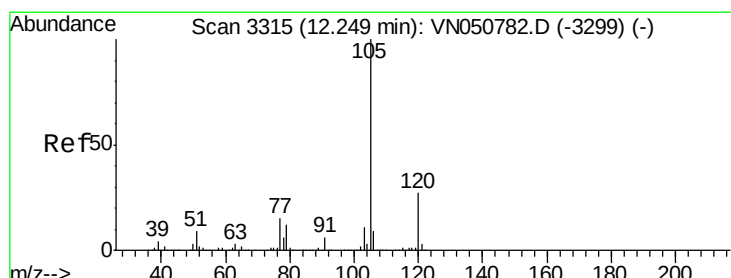
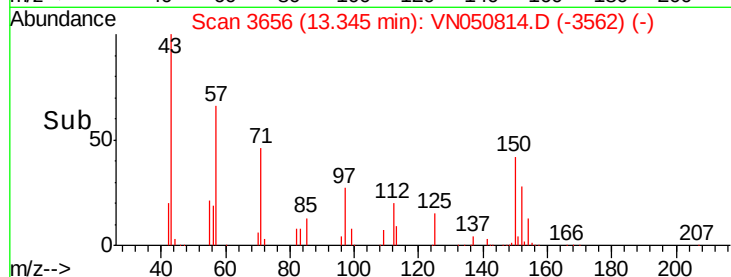
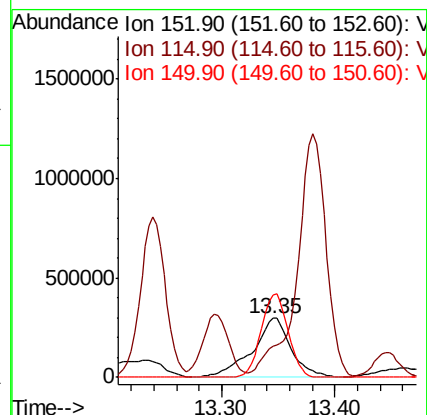
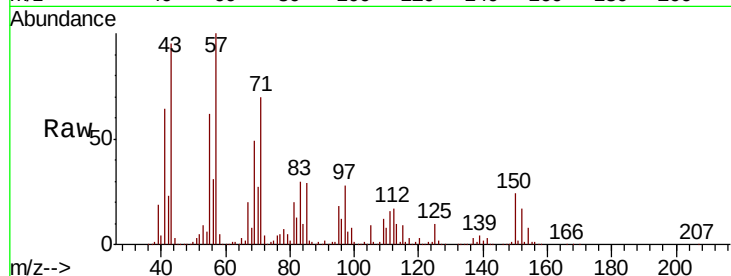
150 101.0 0.0 351.4

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#73

Isopropylbenzene

Concen: 91.91 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050814.D

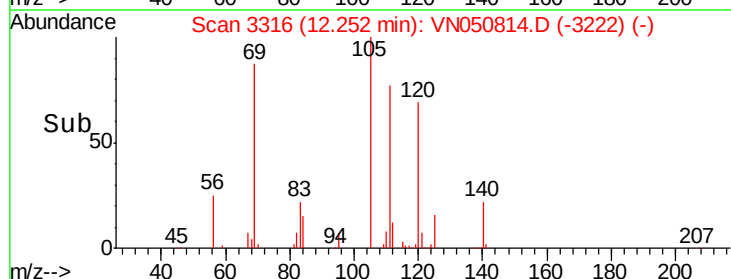
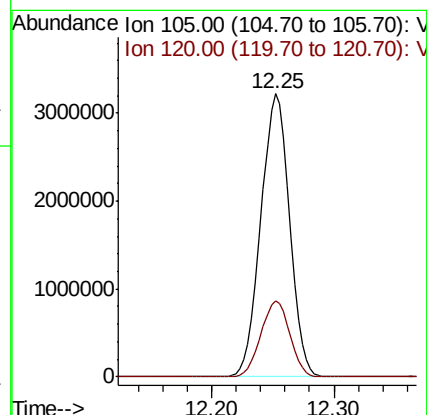
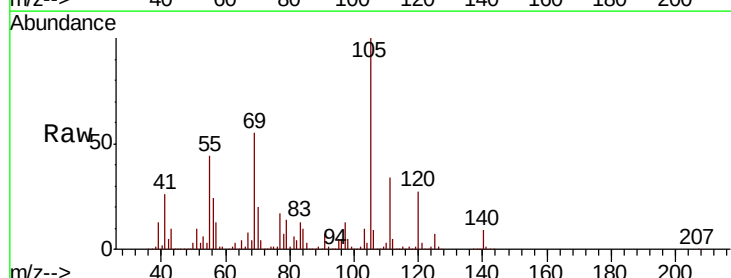
Acq: 22 Aug 2018 12:59

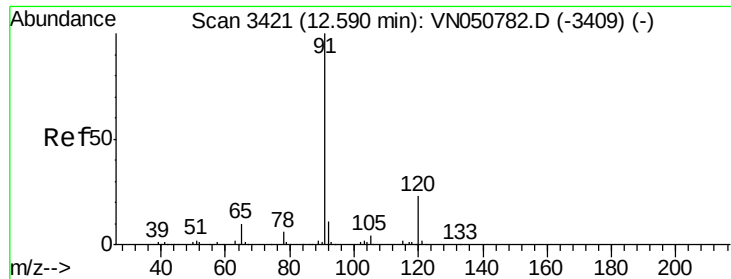
Tgt Ion:105 Resp: 5224253

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4





#78

n-propylbenzene

Concen: 217.27 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

Tot Ion: 91 Resp:13795713

Ion Ratio Lower Upper

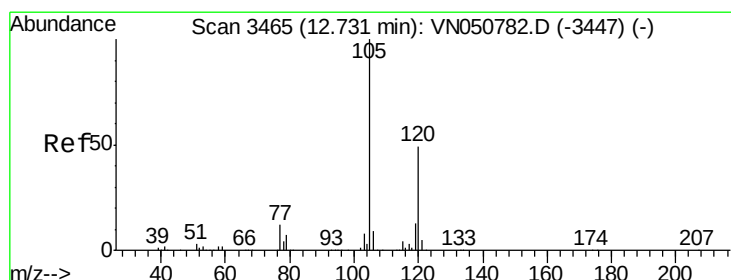
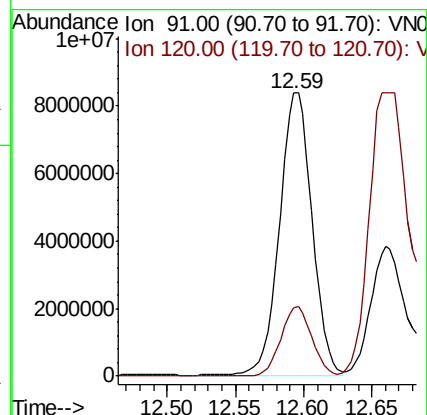
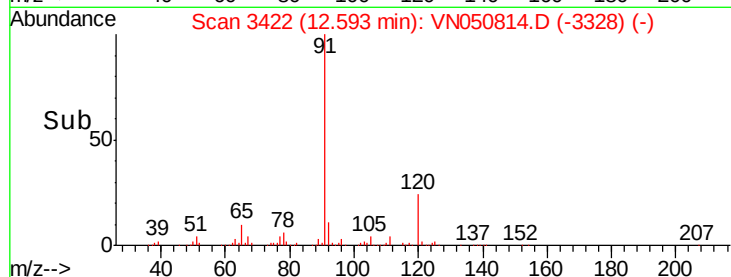
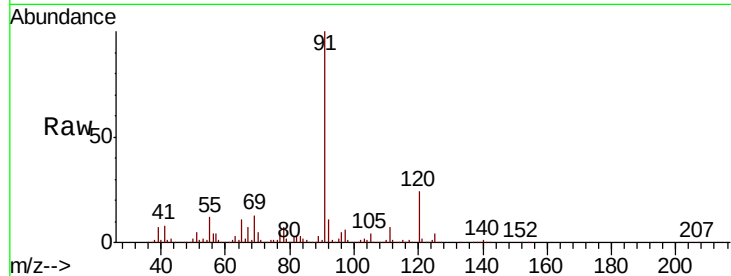
91 100

120 23.7 11.7 35.0

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#80

1,3,5-Trimethylbenzene

Concen: 452.78 ug/l m

RT: 12.72 min Scan# 3463

Delta R.T. -0.01 min

Lab File: VN050814.D

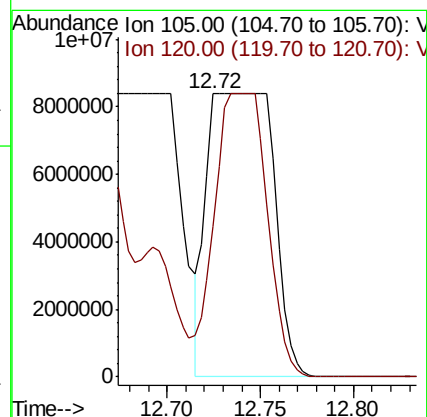
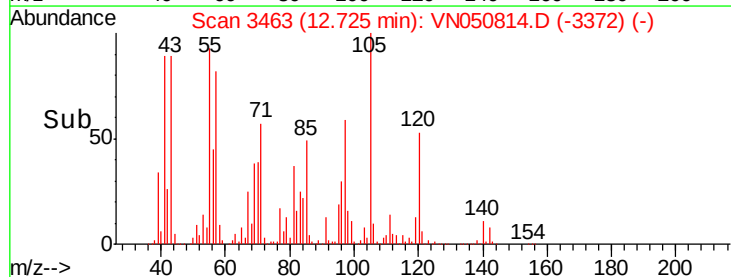
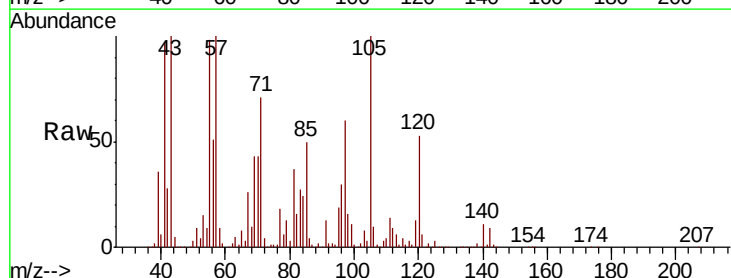
Acq: 22 Aug 2018 12:59

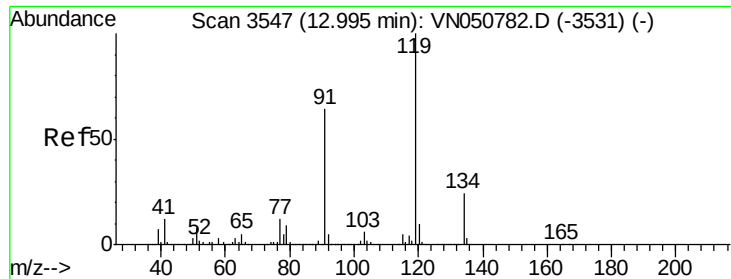
Tgt Ion:105 Resp:20765589

Ion Ratio Lower Upper

105 100

120 8.4 24.6 74.0#





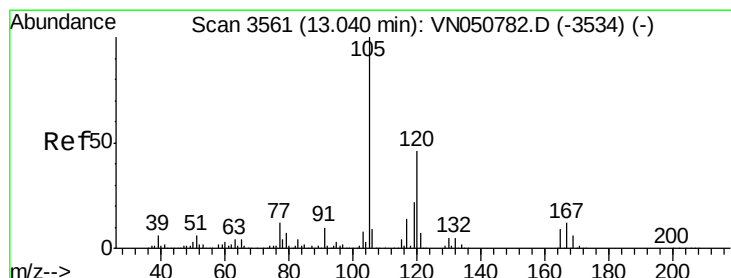
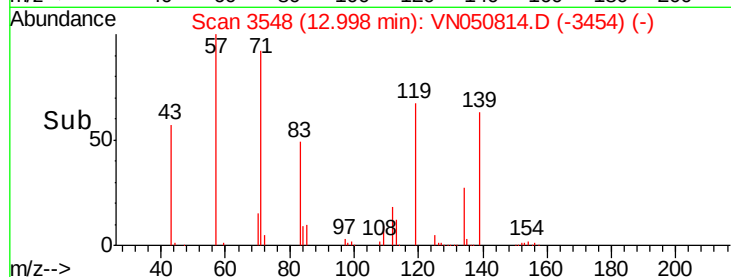
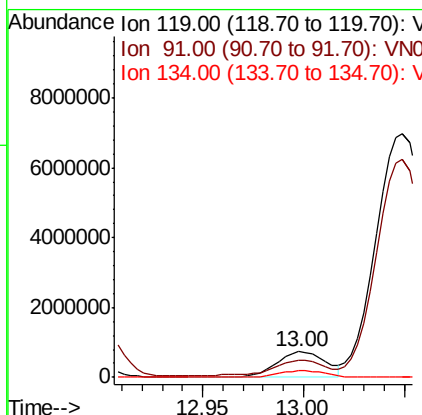
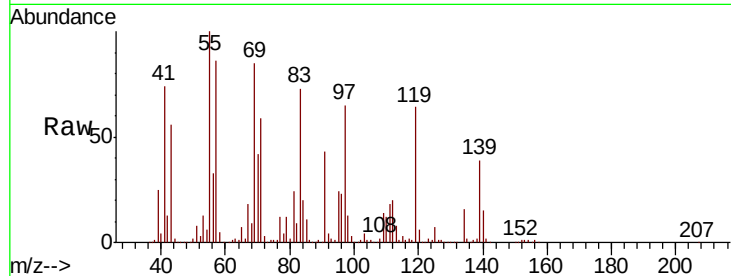
#83
 tert-Butylbenzene
 Concen: 30.76 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WC4-UST-0818

Tot Ion:119 Resp: 1221848
 Ion Ratio Lower Upper
 119 100
 91 67.9 31.6 94.7
 134 24.9 13.4 40.1

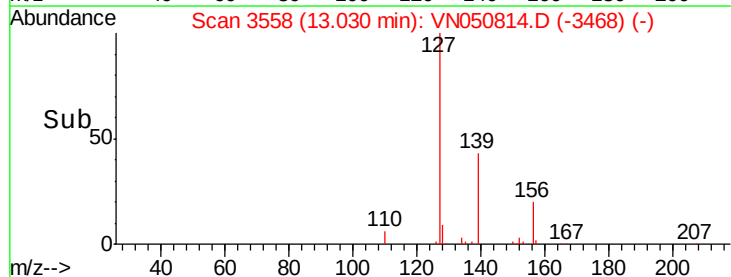
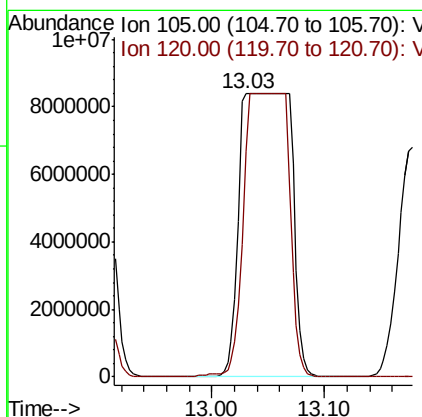
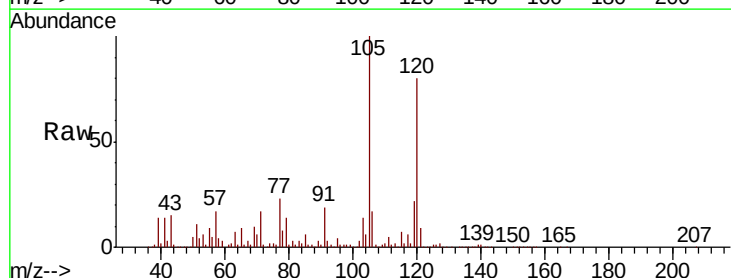
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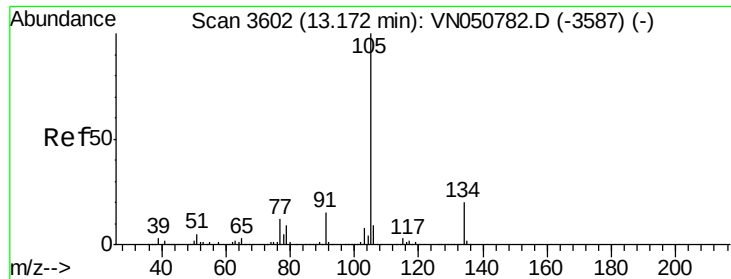
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#84
 1,2,4-Trimethylbenzene
 Concen: 576.09 ug/l m
 RT: 13.03 min Scan# 3558
 Delta R.T. -0.01 min
 Lab File: VN050814.D
 Acq: 22 Aug 2018 12:59

Tgt Ion:105 Resp:26576742
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.8#





#85

sec-Butylbenzene

Concen: 205.49 ug/l

RT: 13.18 min Scan# 3604

Delta R.T. 0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

Tot Ion:105 Resp:10694890

Ion Ratio Lower Upper

105 100

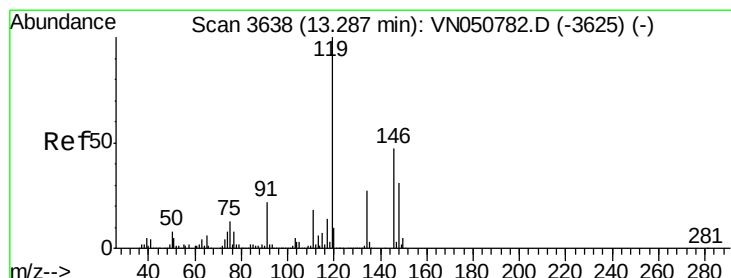
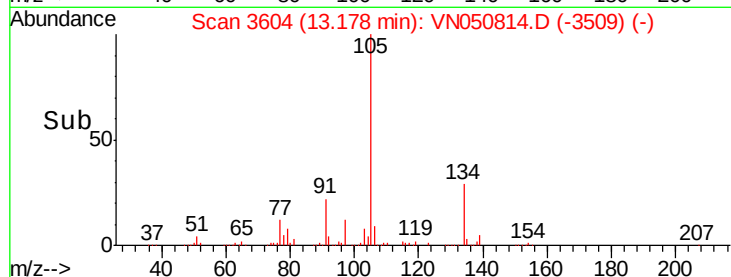
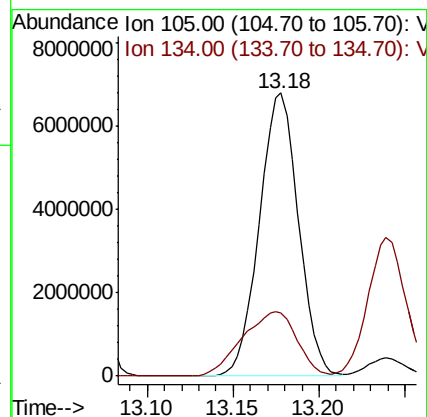
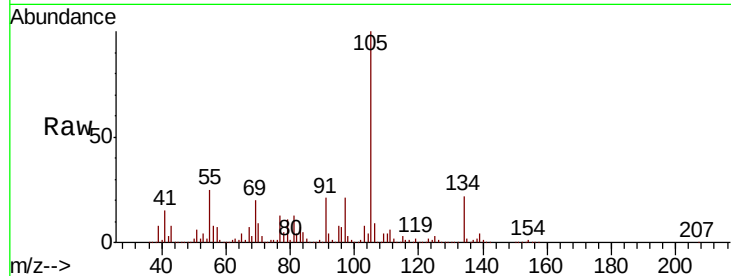
134 32.1 10.3 30.8#

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#86

p-Isopropyltoluene

Concen: 159.92 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

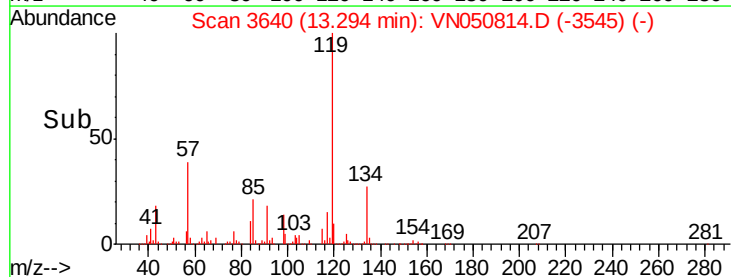
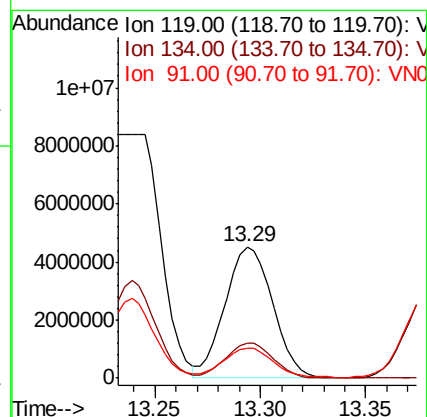
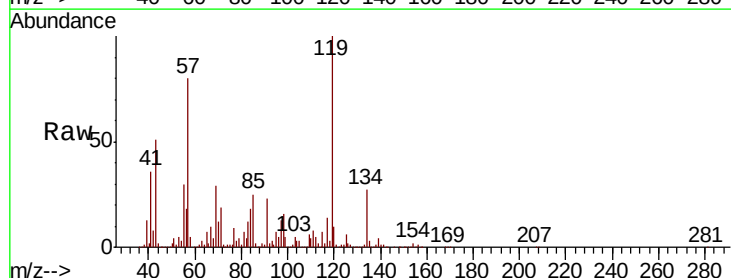
Tgt Ion:119 Resp: 7092004

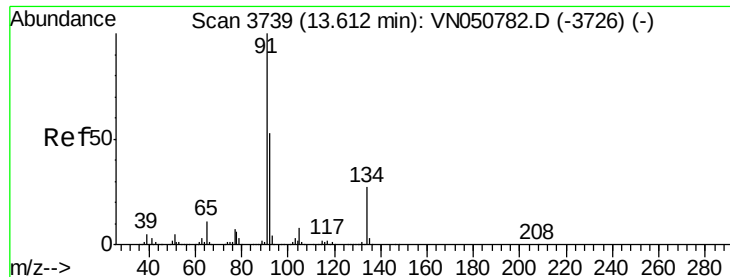
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

91 22.5 11.2 33.5





#89

n-Butylbenzene

Concen: 259.36 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.01 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Instrument :

MSVOA_N

ClientSampleId :

EP1-WC4-UST-0818

Tot Ion: 91 Resp: 9199506

Ion Ratio Lower Upper

91 100

92 62.7 26.1 78.2

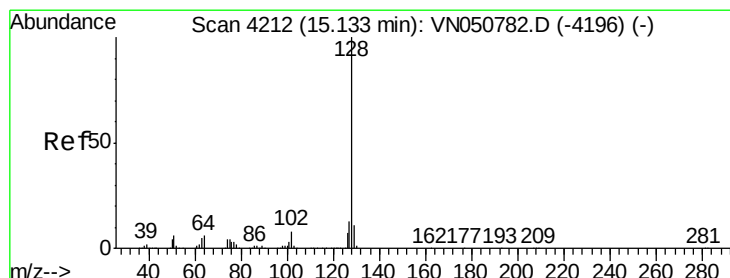
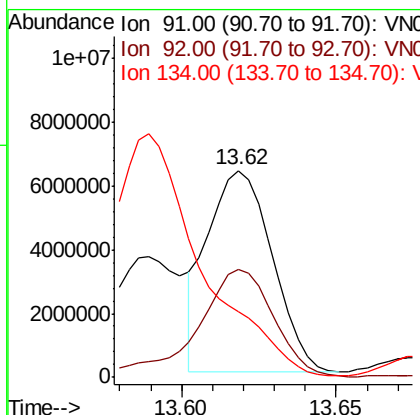
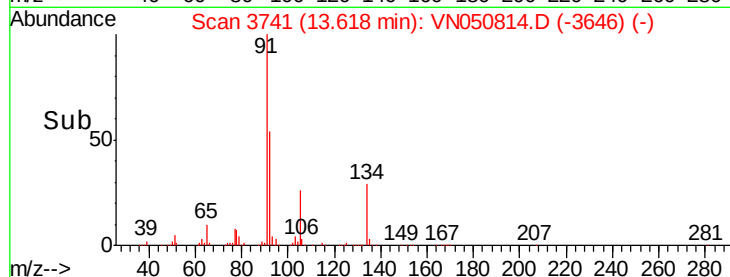
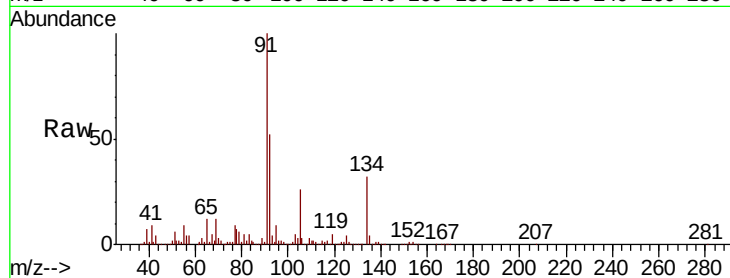
134 0.0 13.2 39.6#

Manual Integrations

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#95

Naphthalene

Concen: 145.59 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050814.D

Acq: 22 Aug 2018 12:59

Tgt Ion: 128 Resp: 4310270

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.9 8.7 13.1

