

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090718\
 Data File : VN051056.D
 Acq On : 7 Sep 2018 16:15
 Operator : MD\SY
 Sample : J4693-14 5X
 Misc : 6.44g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

Manual Integrations
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MMDadoda
 9/10/2018 11:53:52 AM

Quant Time: Sep 10 11:23:50 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	645040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	976983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	972399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	565024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384126	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.59	113	363268	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	10.09	98	1482870	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	852104	88.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.48%	
Target Compounds						
73) Isopropylbenzene	12.25	105	1690892	36.14	ug/l	Qvalue 100
78) n-propylbenzene	12.59	91	6706398	128.32	ug/l	99
83) tert-Butylbenzene	12.99	119	676585	20.69	ug/l	93
84) 1,2,4-Trimethylbenzene	13.03	105	20208789m	532.18	ug/l	
85) sec-Butylbenzene	13.17	105	5682999	132.65	ug/l #	74
86) p-Isopropyltoluene	13.29	119	4943379	135.42	ug/l	99
89) n-Butylbenzene	13.62	91	5441570	186.38	ug/l #	74

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

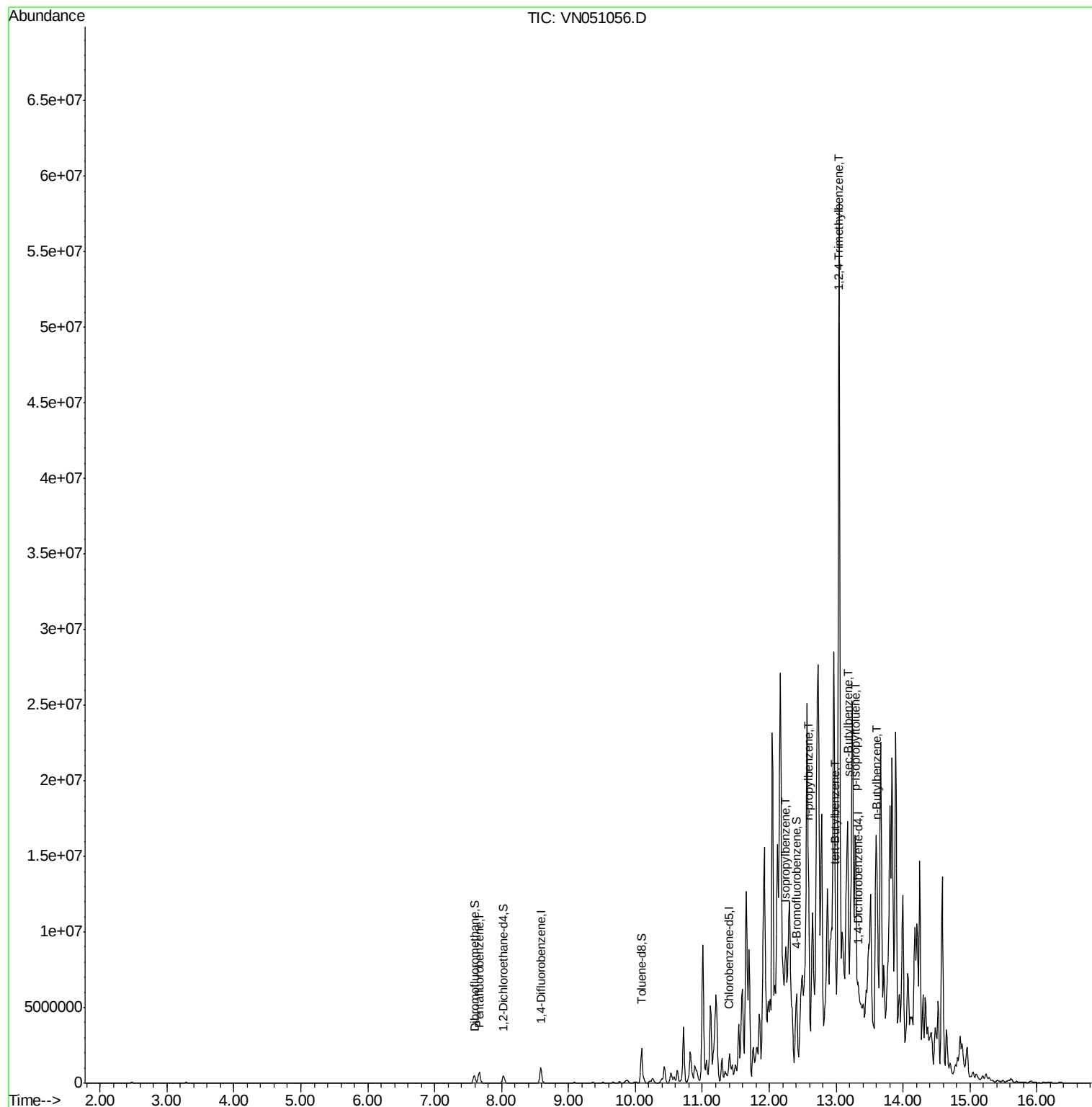
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
Data File : VN051056.D
Acq On : 7 Sep 2018 16:15
Operator : MD\SY
Sample : J4693-14 5X
Misc : 6.44g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(7-10)

Manual Integrations
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Quant Time: Sep 10 11:23:50 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# 1833

Delta R.T. -0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(7-10)

Tot Ion:168 Resp: 645040

Ion Ratio Lower Upper

168 100

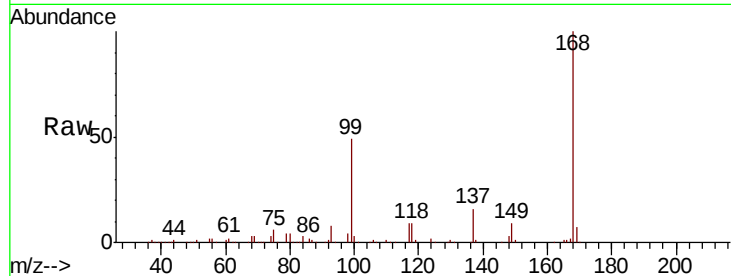
99 49.2 39.6 59.4

Manual Integrations

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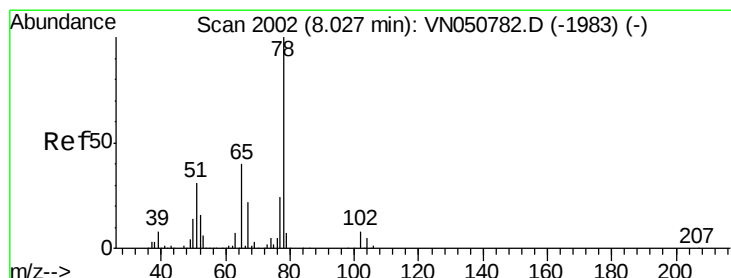
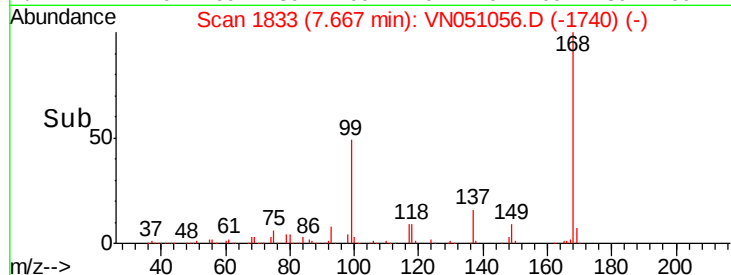
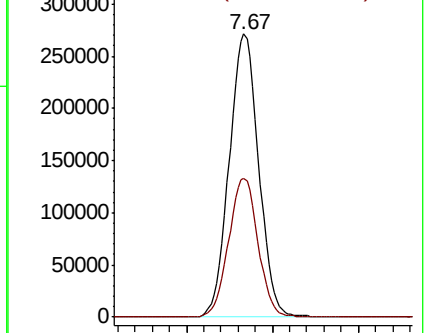
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.47 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051056.D

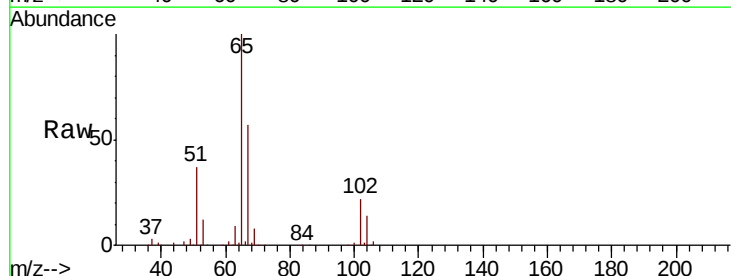
Acq: 7 Sep 2018 16:15

Tgt Ion: 65 Resp: 384126

Ion Ratio Lower Upper

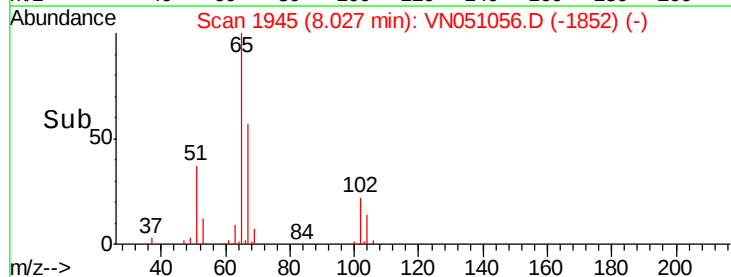
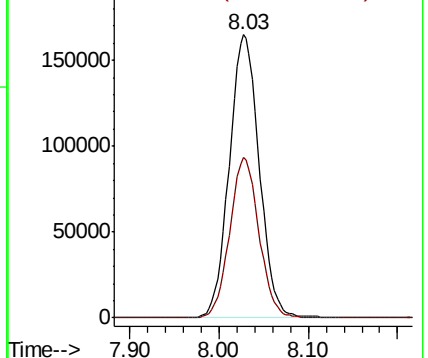
65 100

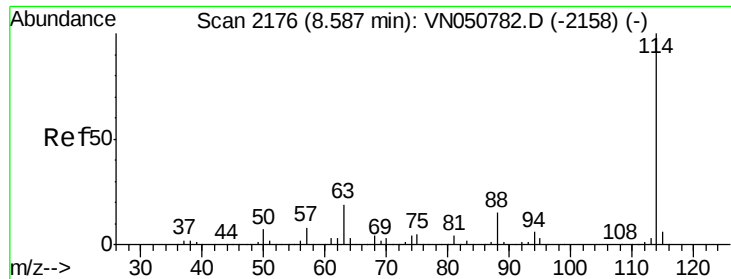
67 55.1 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





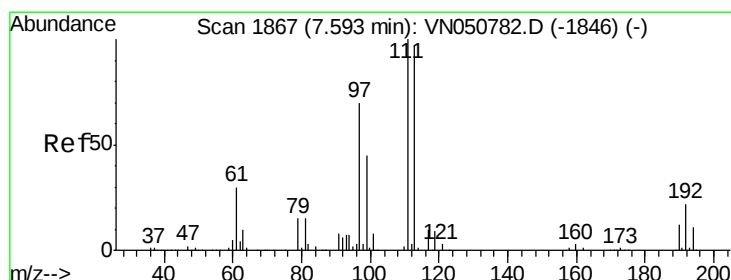
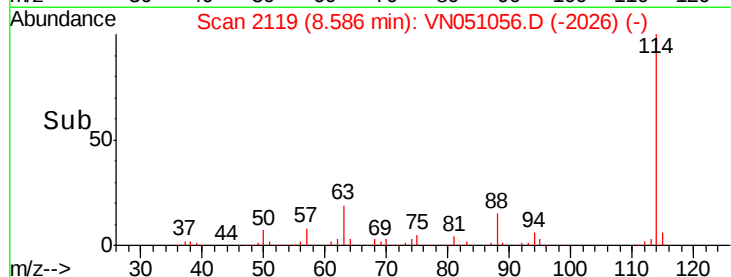
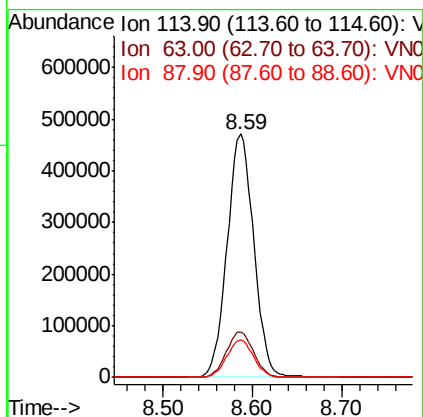
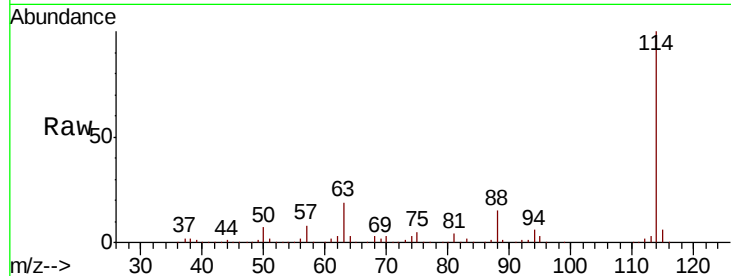
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	976983		
63	18.6		0.0	38.6
88	15.3		0.0	30.6

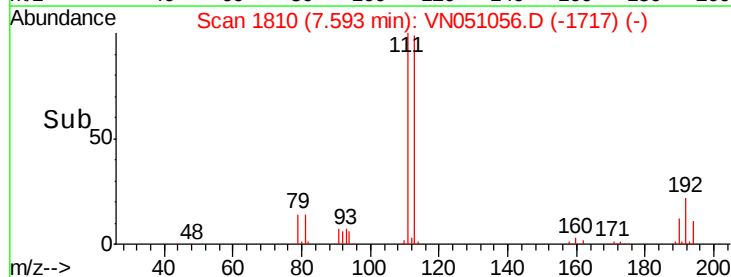
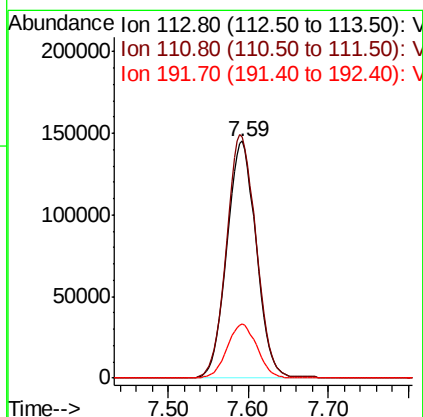
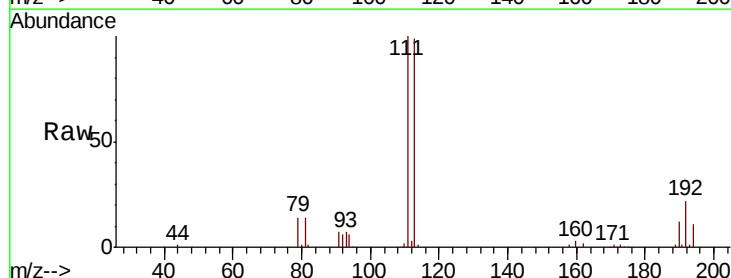
Manual Integrations
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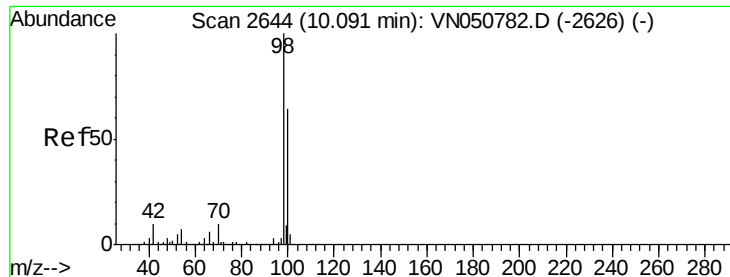
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#35
 Dibromofluoromethane
 Concen: 46.74 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	363268		
111	103.1		82.6	123.8
192	23.1		18.0	27.0





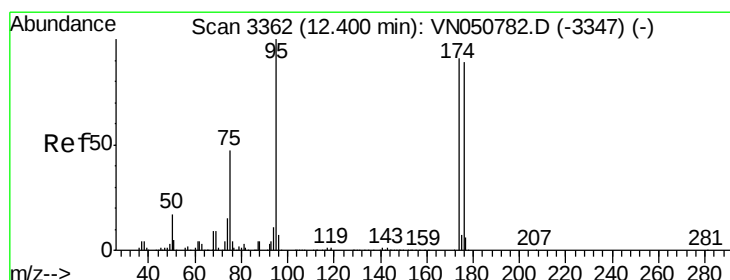
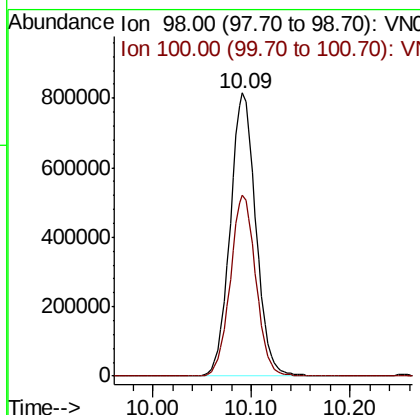
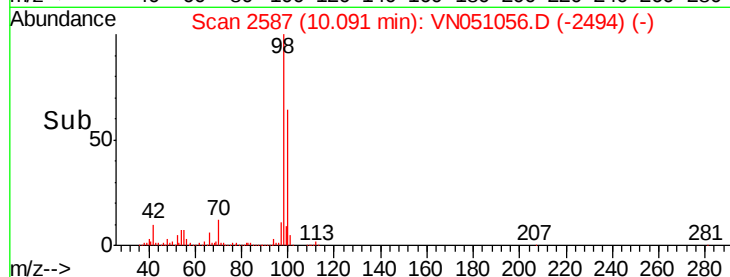
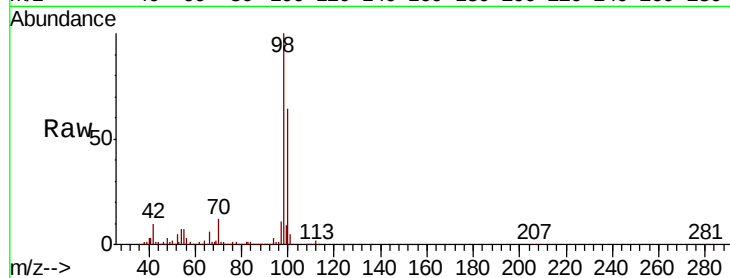
#50
Toluene-d8
Concen: 51.03 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-D(7-10)

Tot Ion: 98 Resp: 1482870
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3

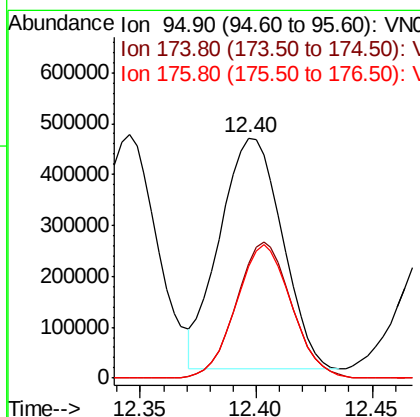
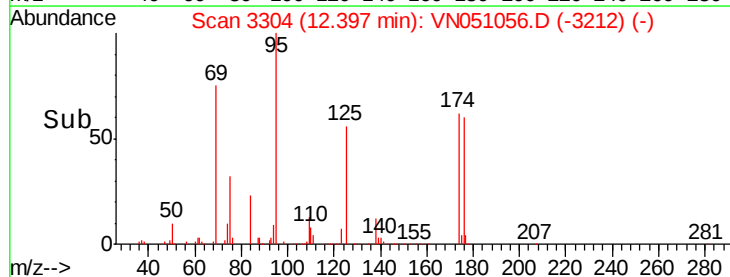
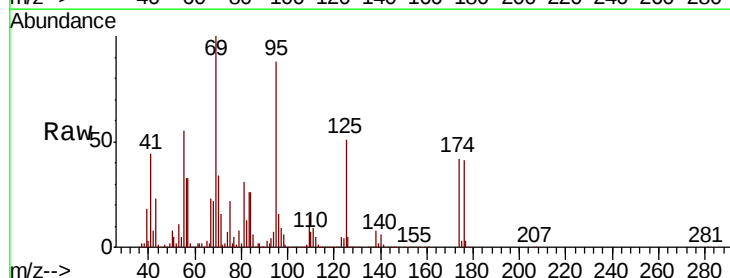
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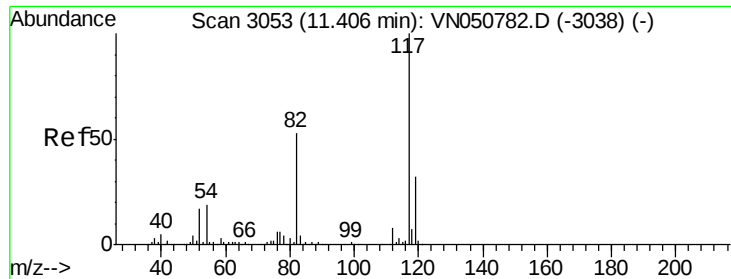
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#62
4-Bromofluorobenzene
Concen: 88.24 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion: 95 Resp: 852104
Ion Ratio Lower Upper
95 100
174 52.3 0.0 183.0
176 51.3 0.0 178.8





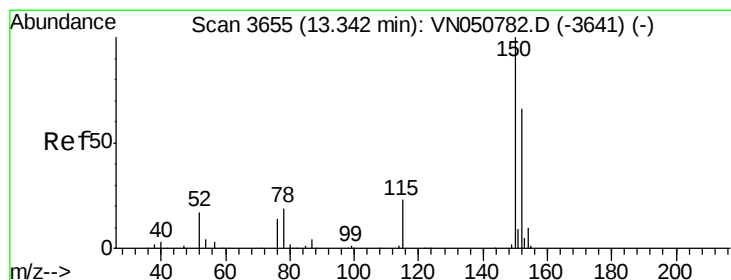
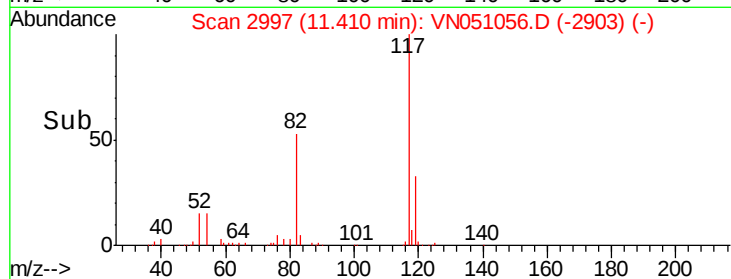
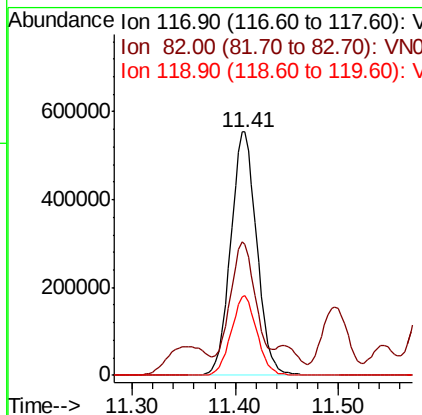
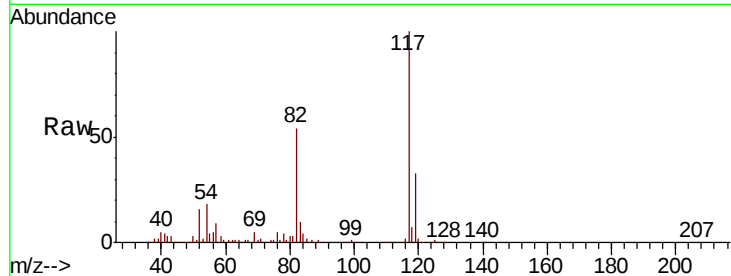
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(7-10)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	972399		
82	42.3		42.6	64.0#
119	32.7		25.8	38.6

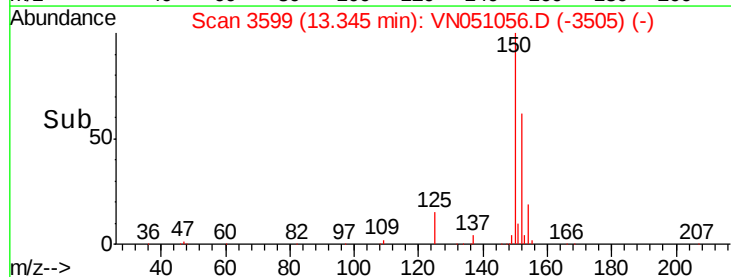
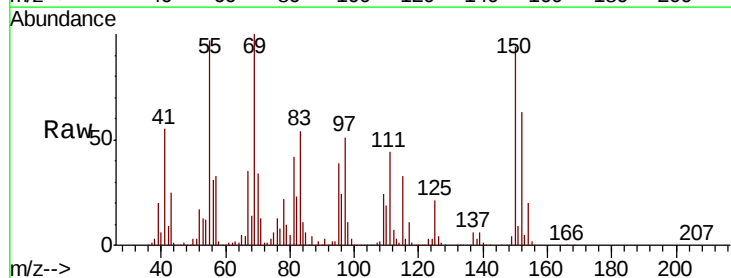
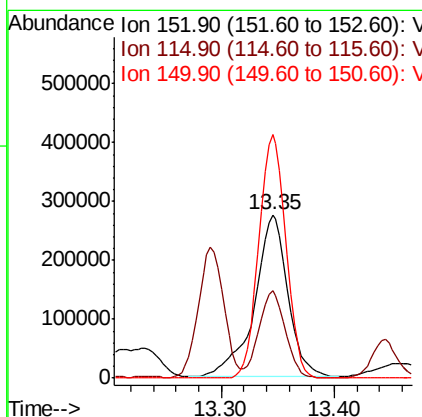
Manual Integrations
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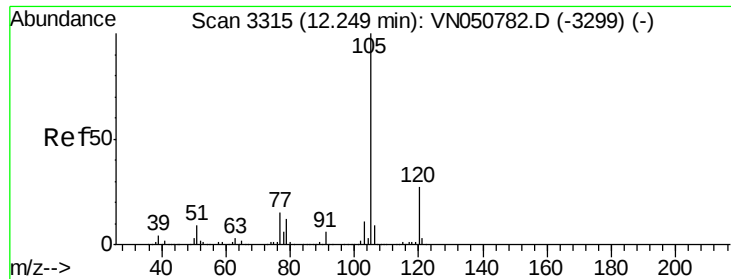
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051056.D
Acq: 7 Sep 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	565024		
115	41.9		27.8	83.4
150	121.3		0.0	351.4





#73

Isopropylbenzene

Concen: 36.14 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(7-10)

Tot Ion:105 Resp: 1690892

Ion Ratio Lower Upper

105 100

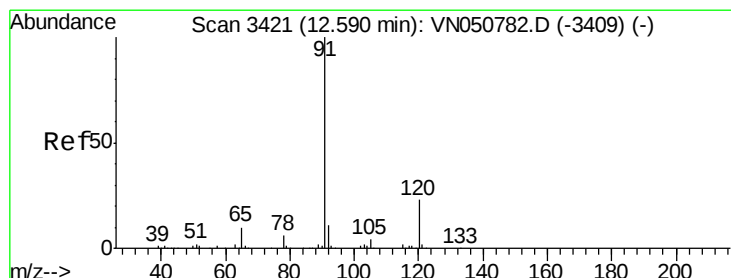
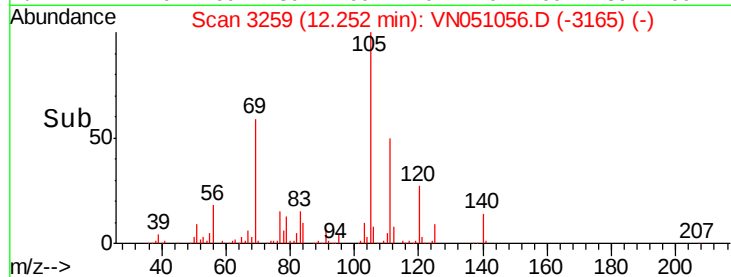
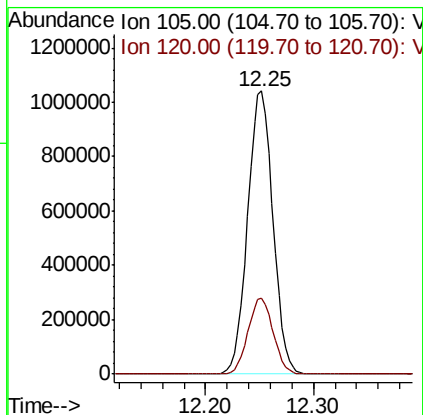
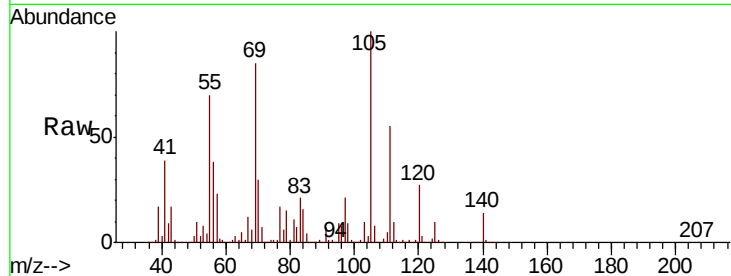
120 26.8 13.5 40.4

Manual Integrations

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#78

n-propylbenzene

Concen: 128.32 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051056.D

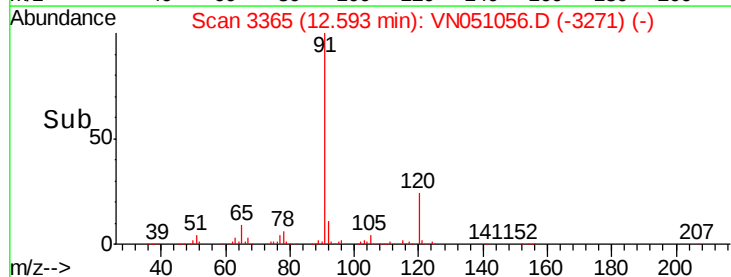
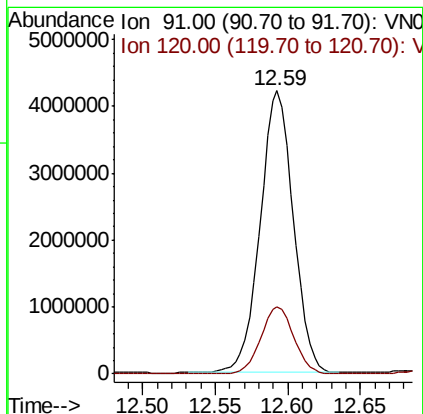
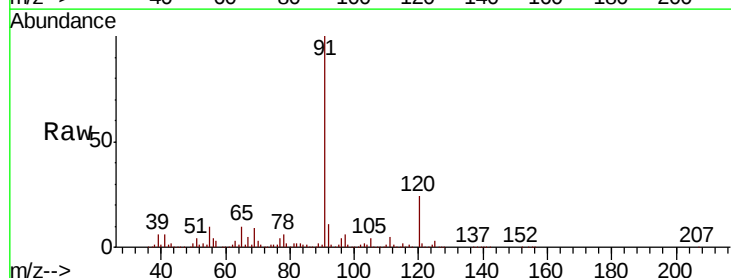
Acq: 7 Sep 2018 16:15

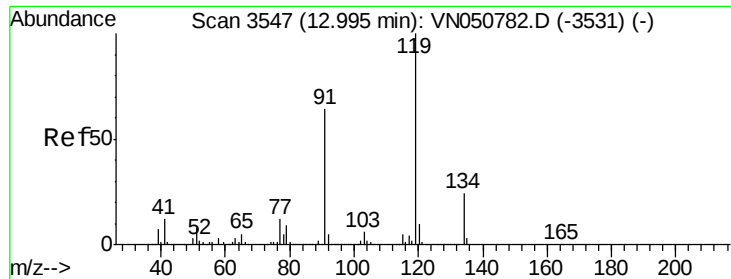
Tgt Ion: 91 Resp: 6706398

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.0





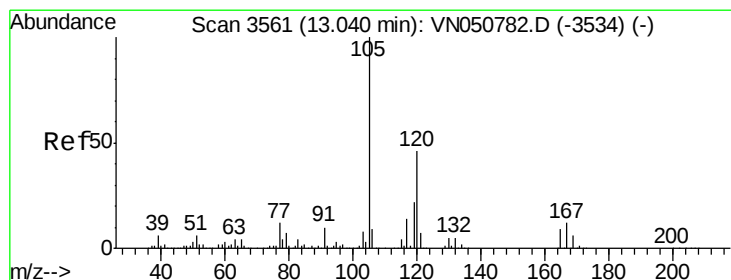
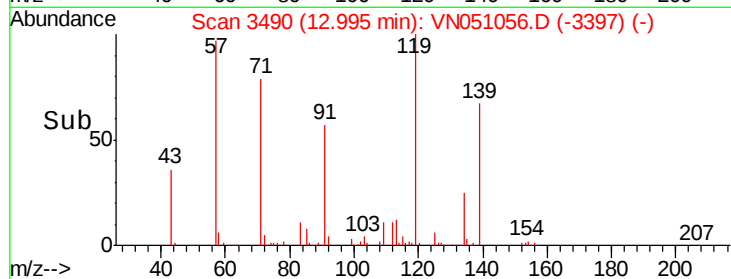
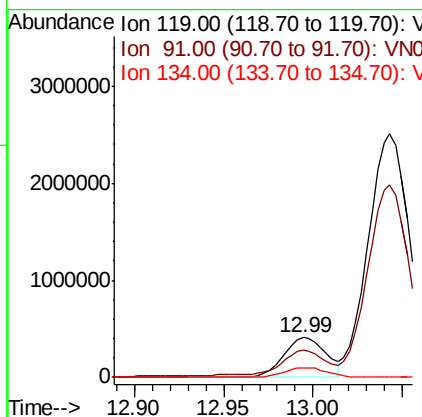
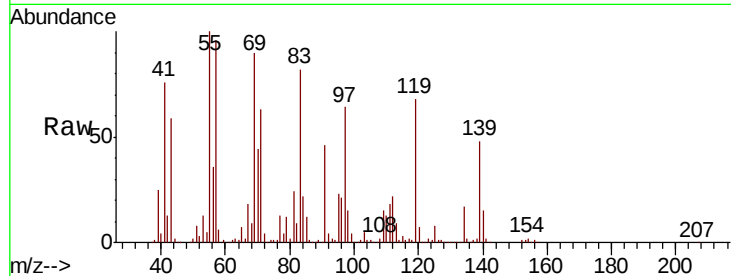
#83
 tert-Butylbenzene
 Concen: 20.69 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-D(7-10)

Tot Ion	Ratio	Resp	Lower	Upper
119	100	676585		
91	69.9	31.6	94.7	
134	24.7	13.4	40.1	

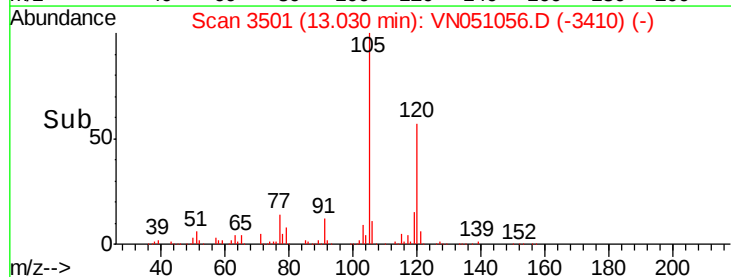
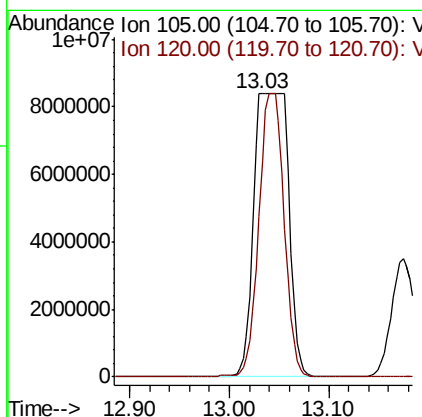
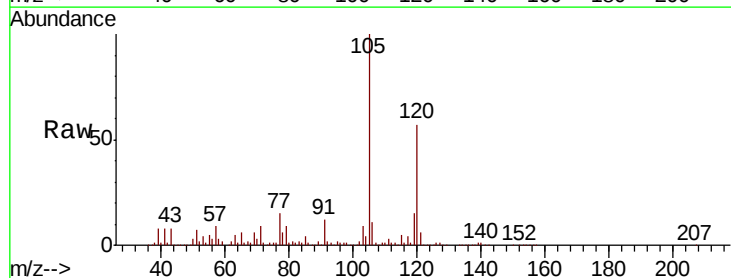
Manual Integrations
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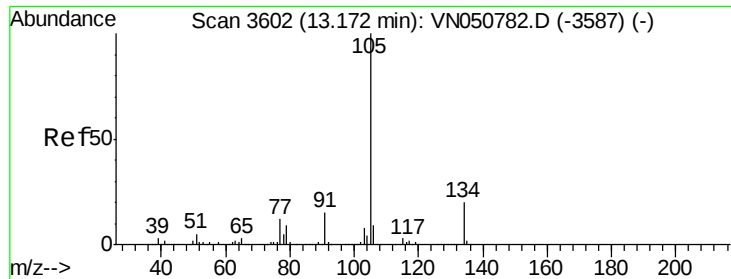
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 9/10/2018 11:53:52 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 532.18 ug/l m
 RT: 13.03 min Scan# 3501
 Delta R.T. -0.01 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	20208789		
120	0.0	22.9	68.8	#





#85

sec-Butylbenzene

Concen: 132.65 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(7-10)

Tot Ion:105 Resp: 5682999

Ion Ratio Lower Upper

105 100

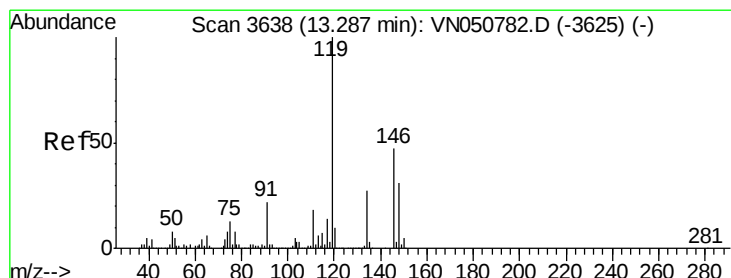
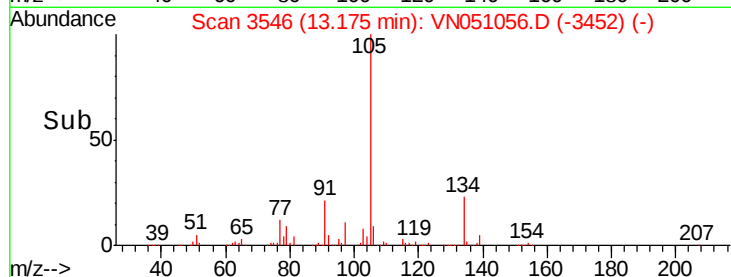
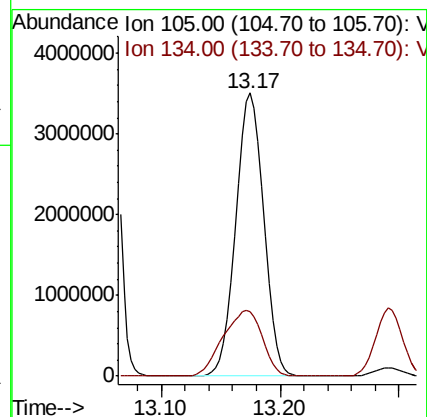
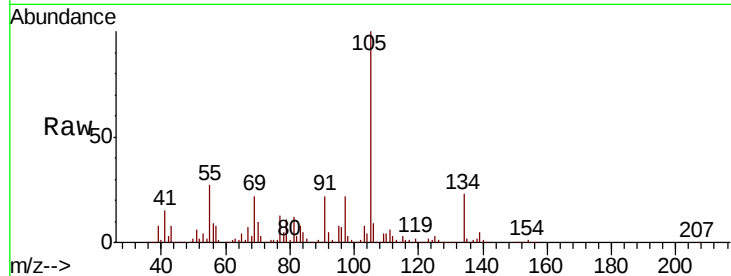
134 32.8 10.3 30.8#

Manual Integrations

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9/10/2018 11:53:52 AM



#86

p-Isopropyltoluene

Concen: 135.42 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051056.D

Acq: 7 Sep 2018 16:15

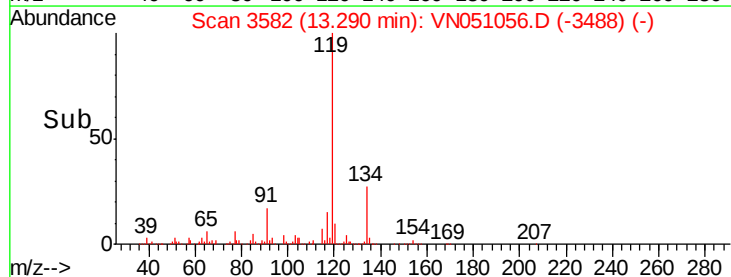
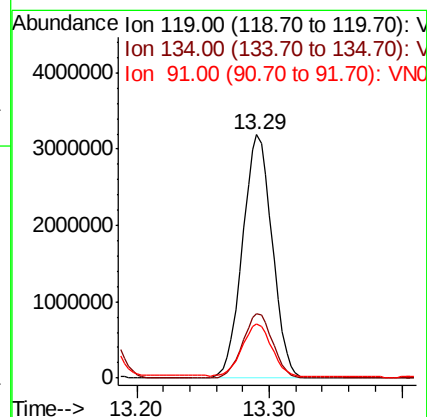
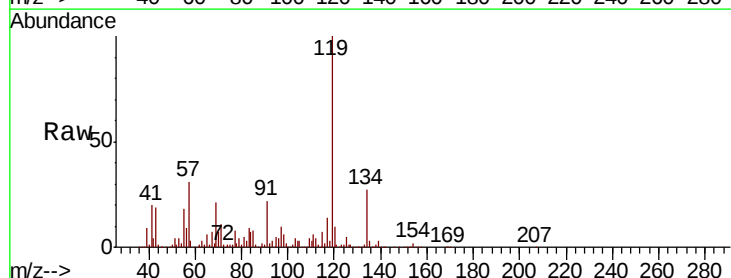
Tgt Ion:119 Resp: 4943379

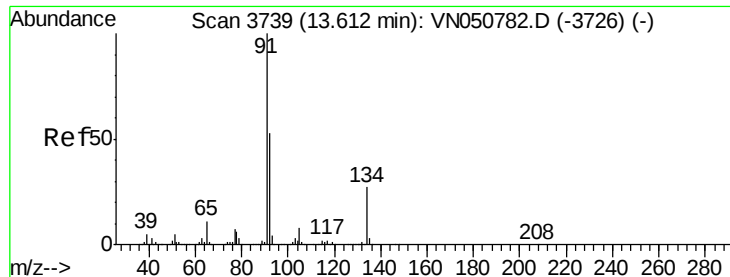
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

91 22.1 11.2 33.5





#89
 n-Butylbenzene
 Concen: 186.38 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051056.D
 Acq: 7 Sep 2018 16:15

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(7-10)

Tot Ion: 91 Resp: 5441570

Ion	Ratio	Lower	Upper
91	100		
92	47.5	26.1	78.2
134	60.0	13.2	39.6

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:53:52 AM

