

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055019.D
 Acq On : 13 Apr 2019 00:11
 Operator : JC/SP
 Sample : K2359-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-2

Manual Integrations
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MMDadoda
 4/16/2019 1:58:40 PM

Quant Time: Apr 15 01:43:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	498447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	818637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	677990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	271797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	324007	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.59	113	255561	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.09	98	954744	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	311749	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
Target Compounds						
16) Acetone	3.82	43	60474	35.192	ug/l	98
20) Methylene Chloride	4.54	84	29751	3.940	ug/l	96
25) 2-Butanone	6.85	43	27156	10.261	ug/l	94
43) Isopropyl Acetate	8.17	43	10231	1.053	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	32868	1.822	ug/l #	31
86) p-Isopropyltoluene	13.28	119	16435535m	918.271	ug/l	

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

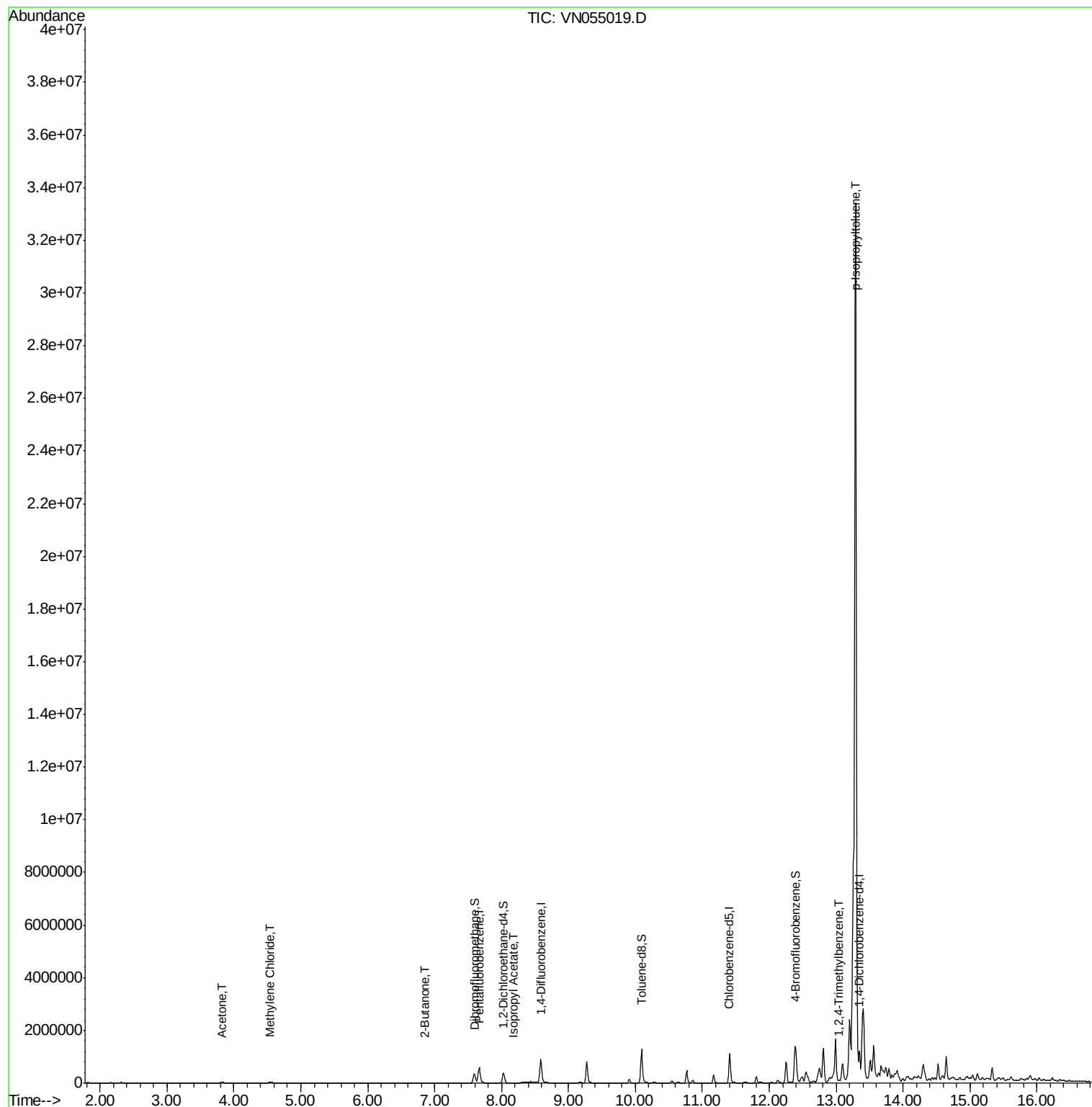
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
Data File : VN055019.D
Acq On : 13 Apr 2019 00:11
Operator : JC/SP
Sample : K2359-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

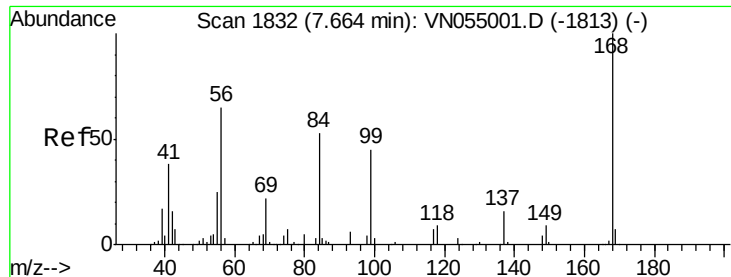
Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR-2

Manual Integrations
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Quant Time: Apr 15 01:43:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 13 03:34:24 2019
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: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR-2

Tot Ion:168 Resp: 498447

Ion Ratio Lower Upper

168 100

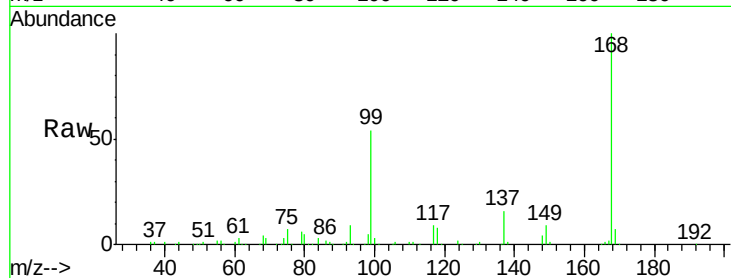
99 53.8 41.9 62.9

Manual Integrations

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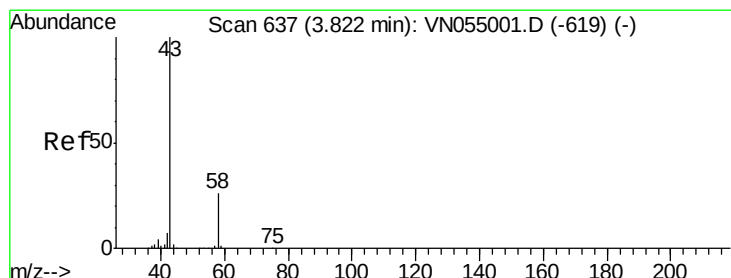
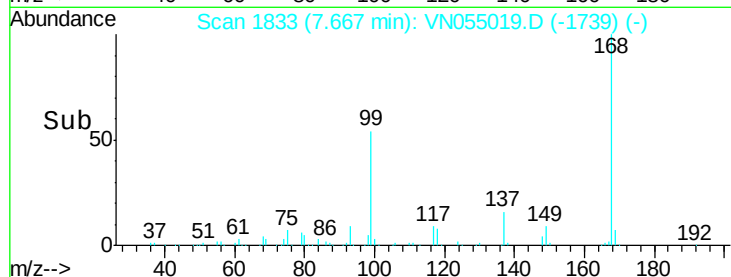
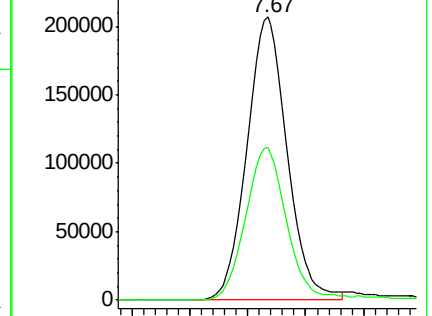
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 35.192 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055019.D

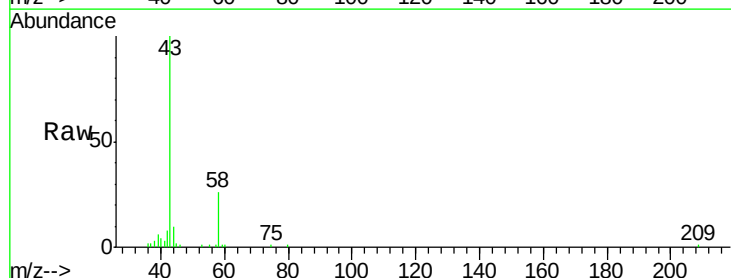
Acq: 13 Apr 2019 00:11

Tgt Ion: 43 Resp: 60474

Ion Ratio Lower Upper

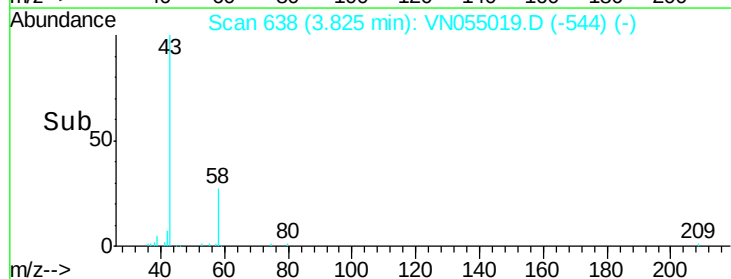
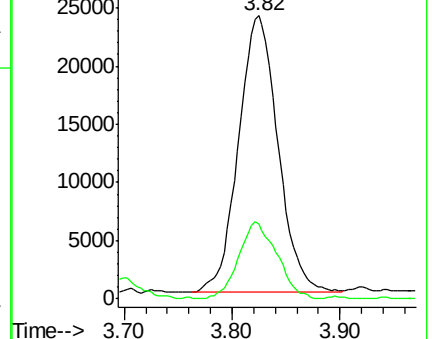
43 100

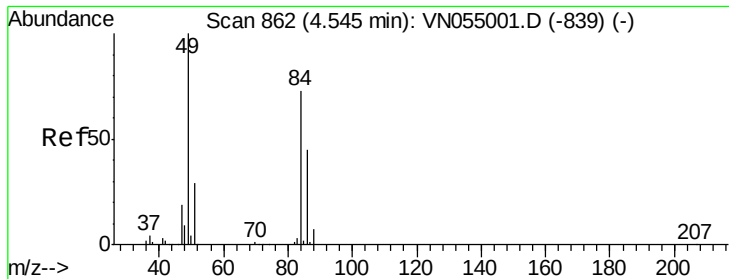
58 27.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





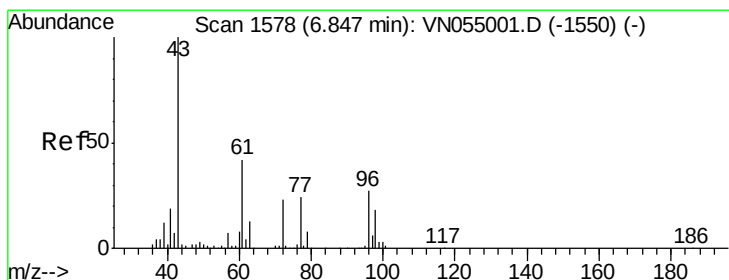
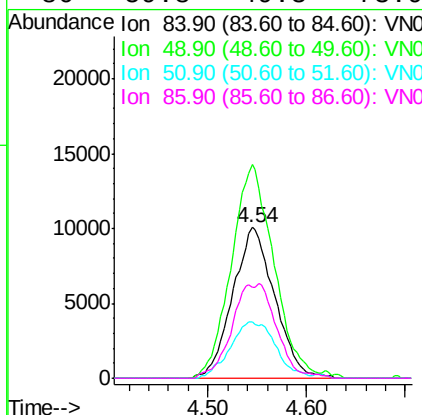
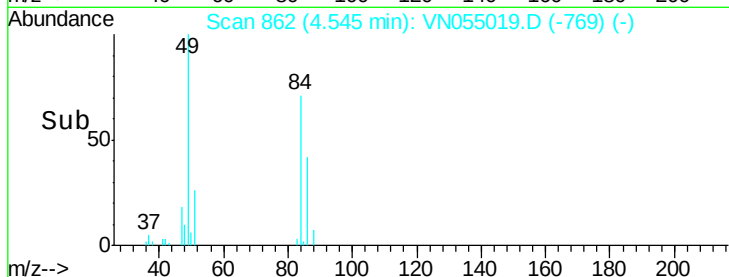
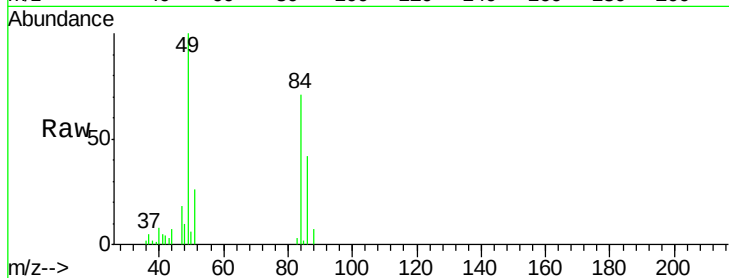
#20
Methvlene Chloride
Concen: 3.940 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tot Ion:	84	Resp:	29751
Ion	Ratio	Lower	Upper
84	100		
49	141.5	109.4	164.2
51	37.3	32.2	48.4
86	59.8	49.3	73.9

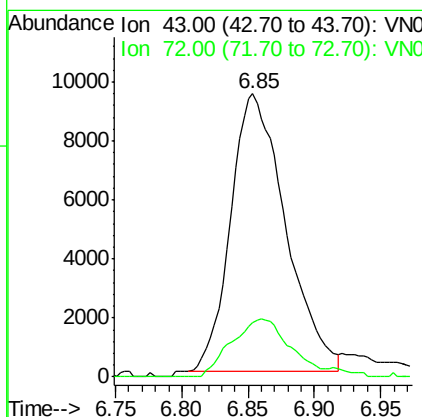
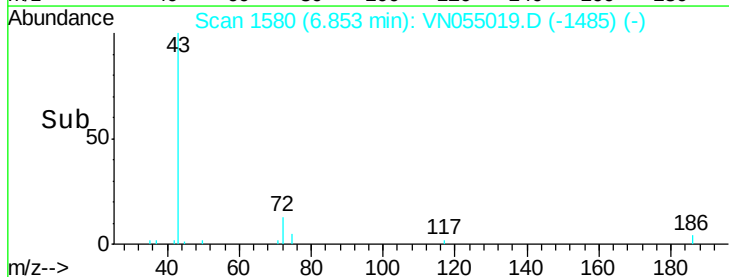
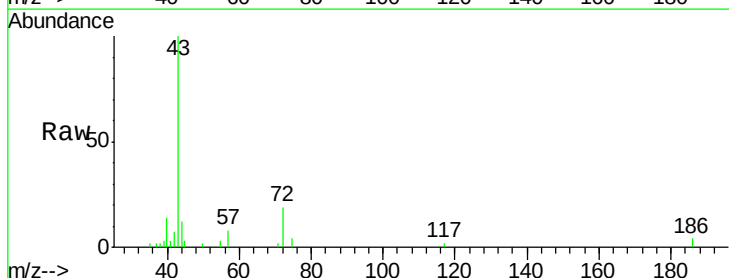
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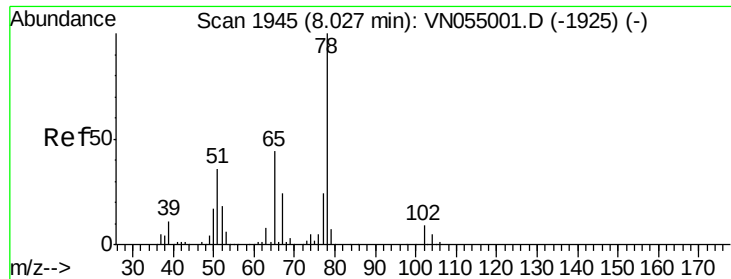
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#25
2-Butanone
Concen: 10.261 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Tgt Ion:	43	Resp:	27156
Ion	Ratio	Lower	Upper
43	100		
72	19.6	18.1	27.1





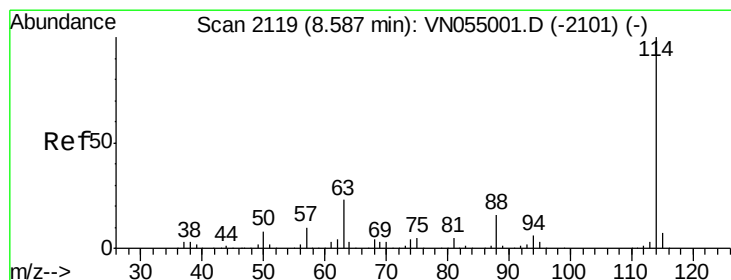
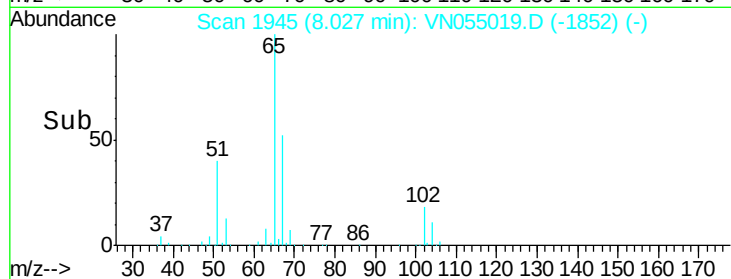
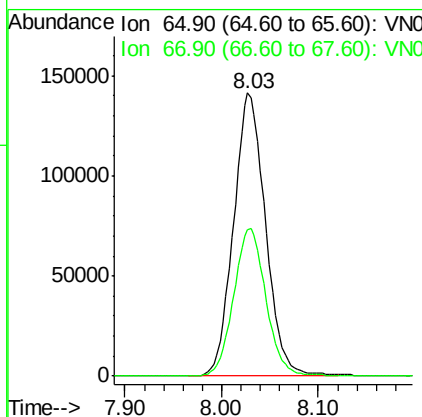
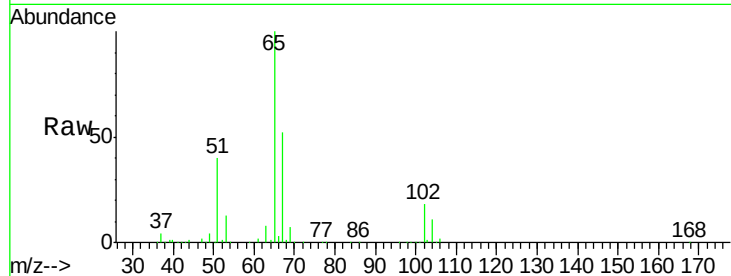
#33
 1,2-Dichloroethane-d4
 Concen: 51.798 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055019.D
 Acq: 13 Apr 2019 00:11

Instrument :
 MSVOA_N
 ClientSampleId :
 OIL-WATER-SEPERATOR-2

Tot Ion: 65 Resp: 324007
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.4

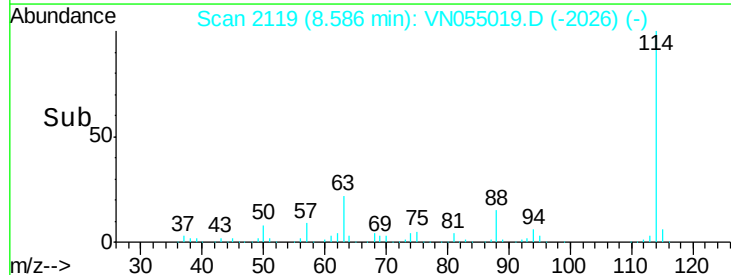
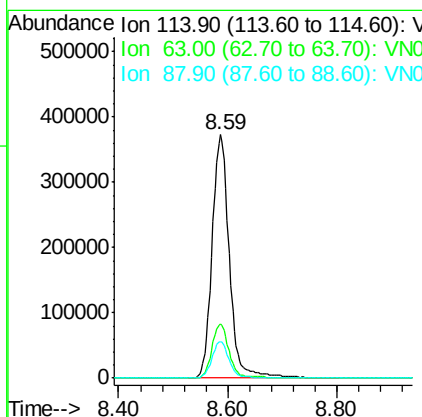
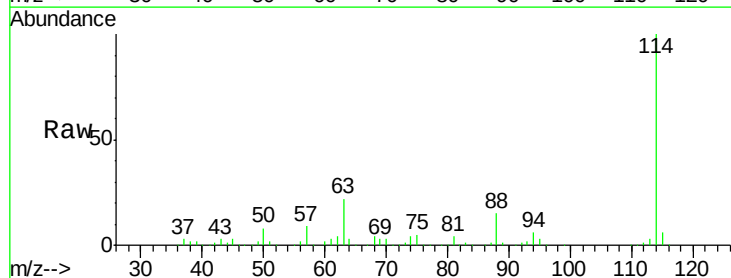
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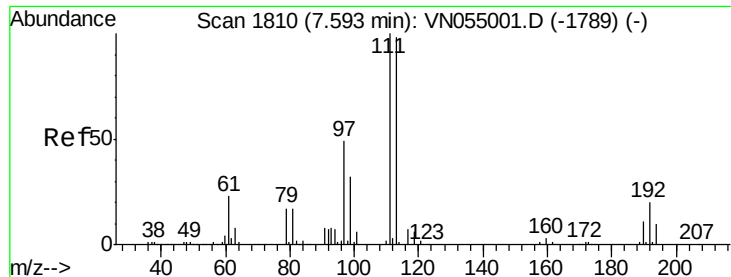
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055019.D
 Acq: 13 Apr 2019 00:11

Tgt Ion: 114 Resp: 818637
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.971 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

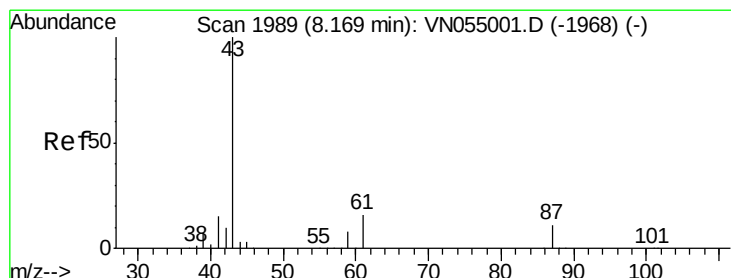
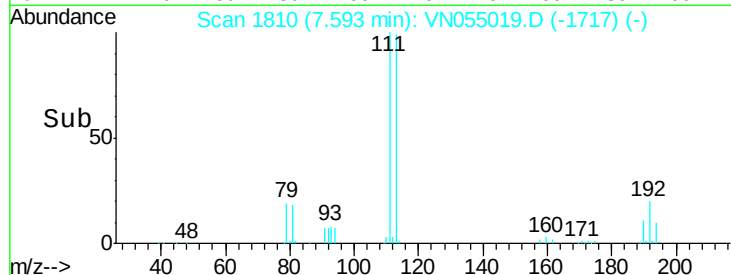
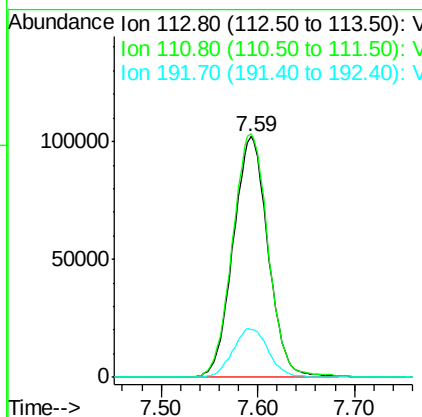
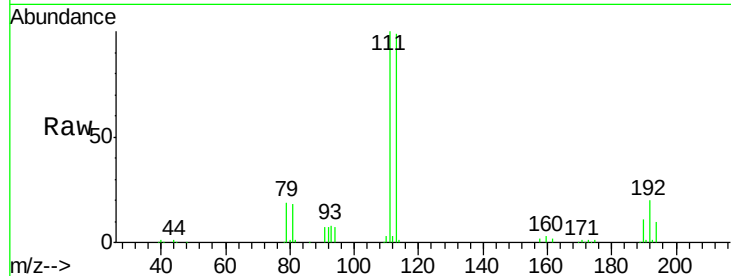
ClientSampleId :

OIL-WATER-SEPERATOR-2

Tot Ion:	113	Resp:	255561
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.1	123.1
192	20.7	16.5	24.7

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#43

Isopropyl Acetate

Concen: 1.053 ug/l

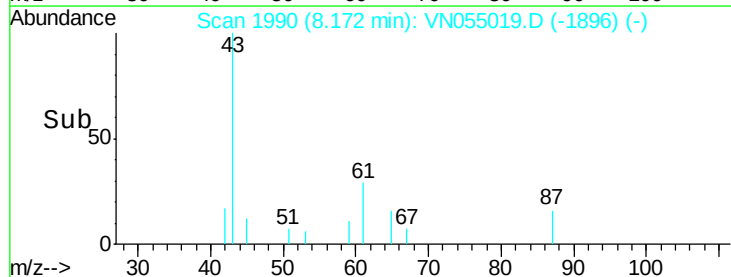
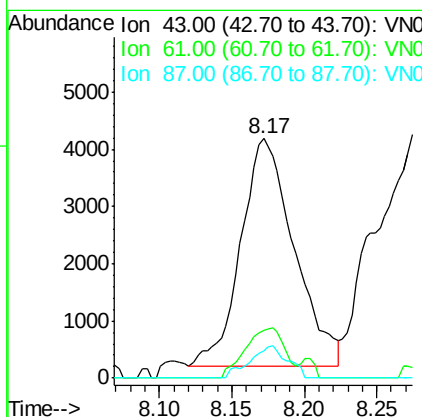
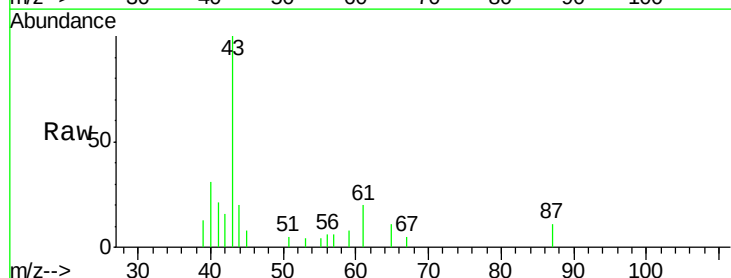
RT: 8.17 min Scan# 1990

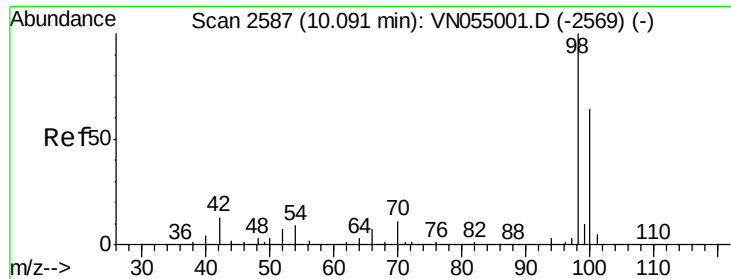
Delta R.T. 0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Tgt Ion:	43	Resp:	10231
Ion Ratio	Lower	Upper	
43	100		
61	16.2	14.3	21.5
87	9.8	8.6	13.0





#50

Toluene-d8

Concen: 49.811 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR-2

Tot Ion: 98 Resp: 954744

Ion Ratio Lower Upper

98 100

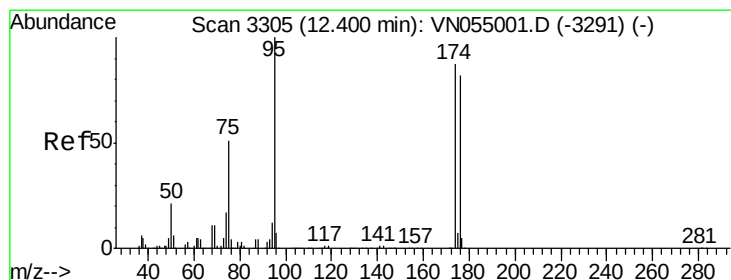
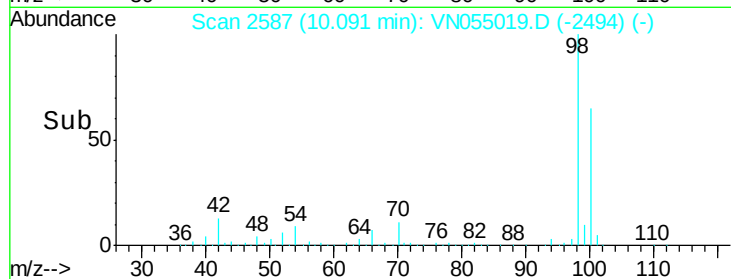
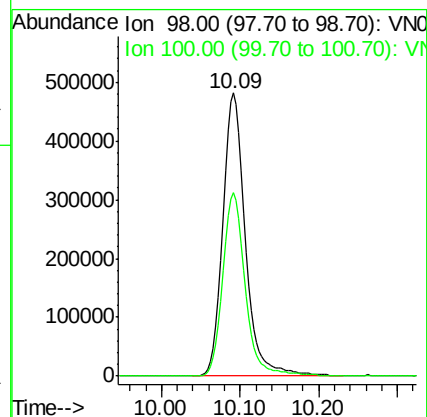
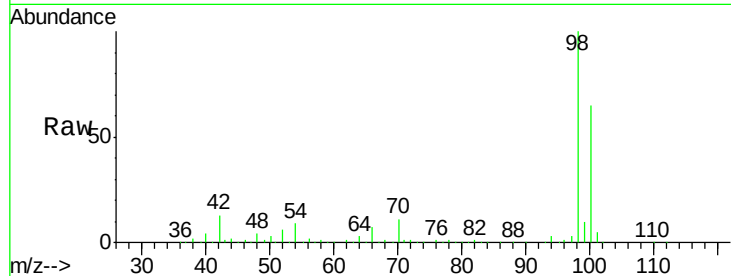
100 64.5 51.1 76.7

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#62

4-Bromofluorobenzene

Concen: 48.285 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

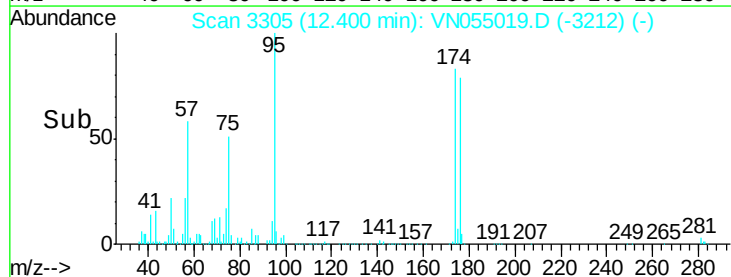
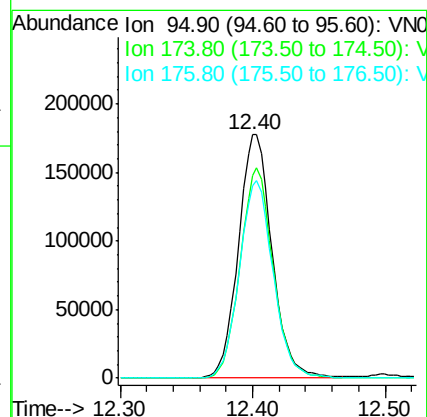
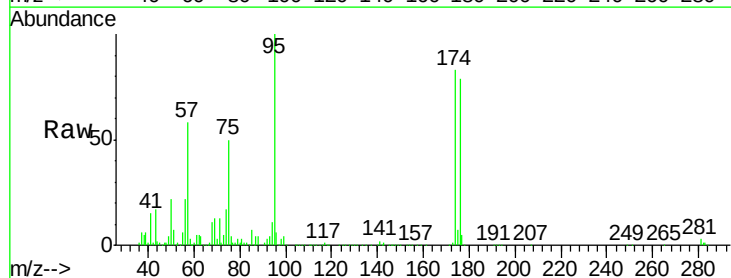
Tgt Ion: 95 Resp: 311749

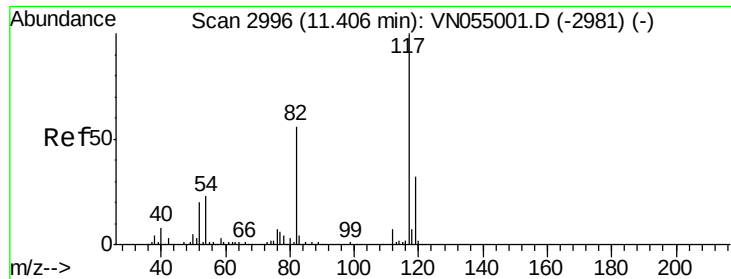
Ion Ratio Lower Upper

95 100

174 85.0 0.0 174.4

176 81.6 0.0 166.8





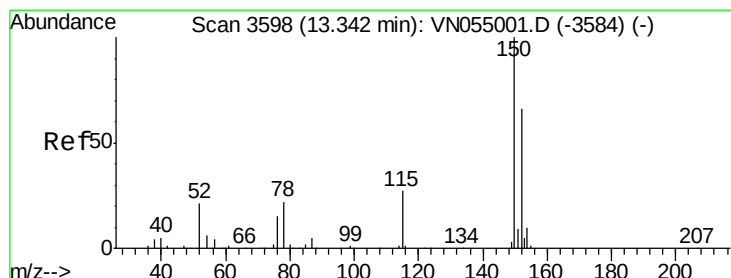
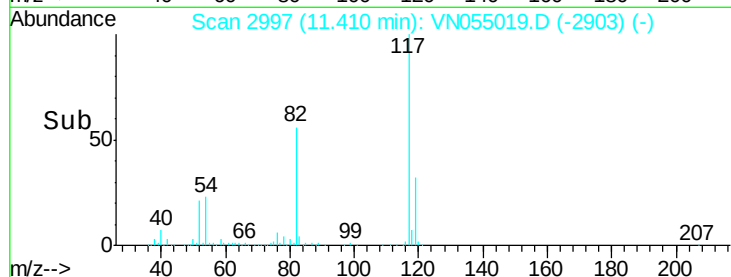
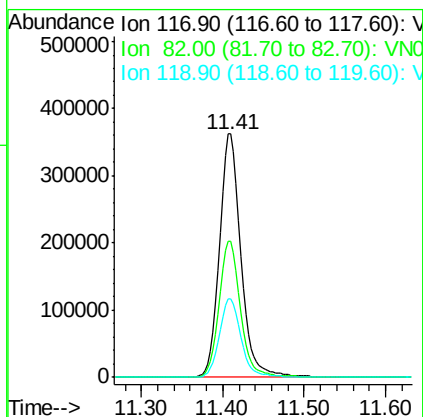
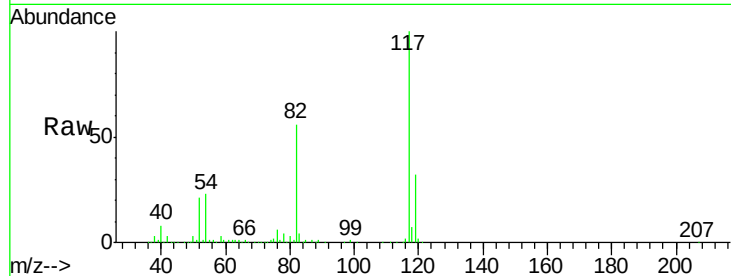
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Instrument :
MSVOA_N
ClientSampleId :
OIL-WATER-SEPERATOR-2

Tot Ion	Ratio	Resp	Lower	Upper
117	100	677990		
82	55.7	44.6	66.8	
119	32.3	25.5	38.3	

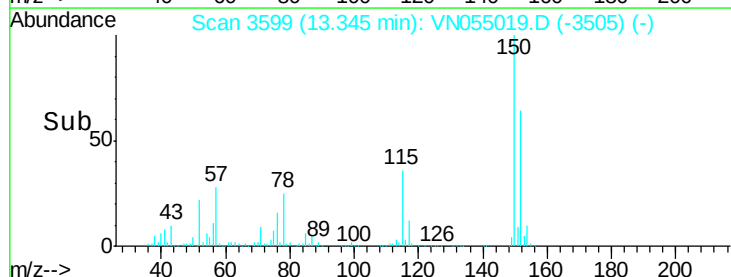
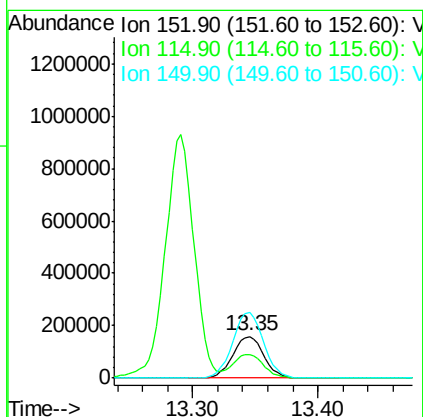
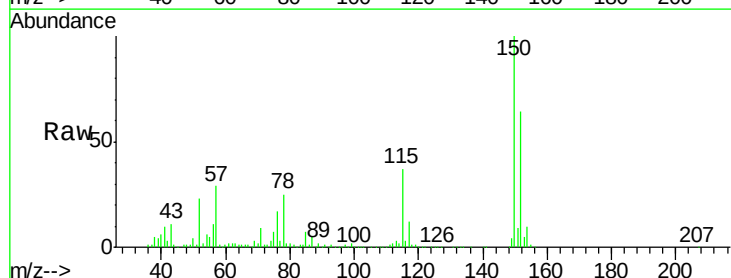
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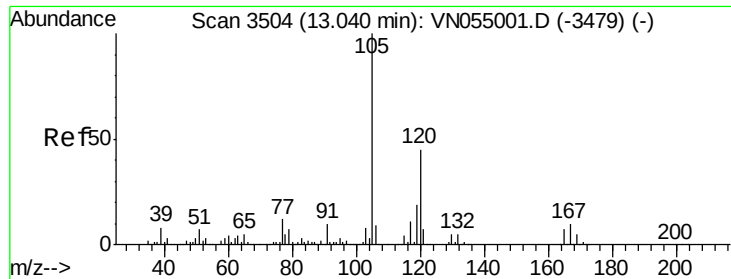
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4/16/2019 1:58:40 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055019.D
Acq: 13 Apr 2019 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	271797		
115	56.1	28.5	85.6	
150	158.1	0.0	347.2	





#84

1,2,4-Trimethylbenzene

Concen: 1.822 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

OIL-WATER-SEPERATOR-2

Tot Ion:105 Resp: 32868

Ion Ratio Lower Upper

105 100

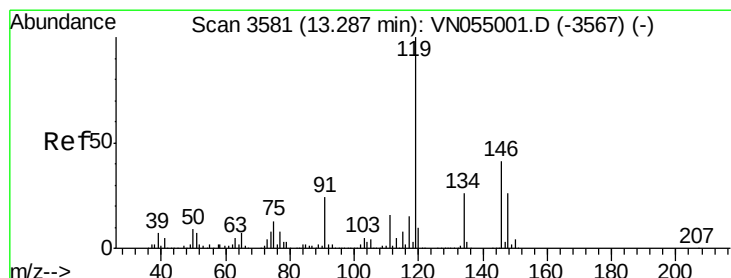
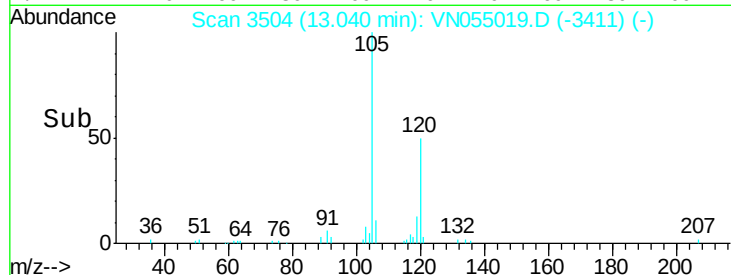
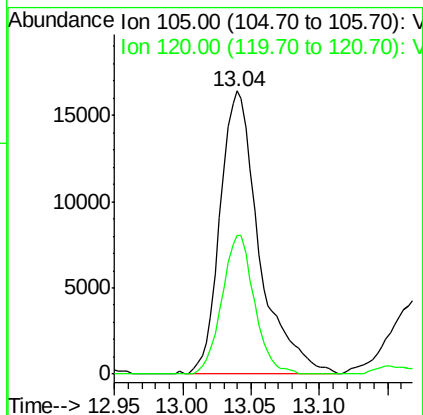
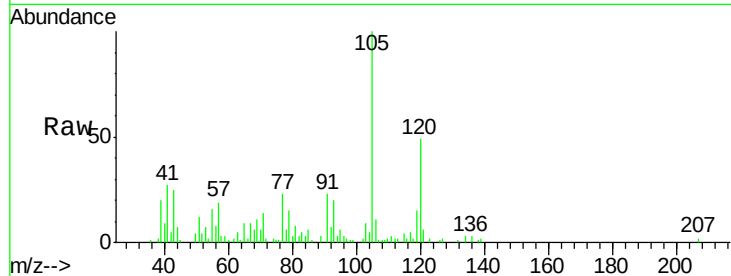
120 0.0 22.4 67.3#

Manual Integrations

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4/16/2019 1:58:40 PM



#86

p-Isopropyltoluene

Concen: 918.271 ug/l m

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN055019.D

Acq: 13 Apr 2019 00:11

Tgt Ion:119 Resp:16435535

Ion Ratio Lower Upper

119 100

134 0.0 13.2 39.5#

91 0.0 11.7 35.1#

