

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122018\
 Data File : VN053056.D
 Acq On : 20 Dec 2018 15:01
 Operator : MD\SY
 Sample : J6411-04DL 100X
 Misc : 5.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SBR-2A(15-16FT)1218DL

Manual Integrations
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 12/21/2018 9:21:15 AM

Quant Time: Dec 21 01:08:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1301302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1996094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1806645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	802187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	630423	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
35) Dibromofluoromethane	7.59	113	519194	56.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.88%	
50) Toluene-d8	10.09	98	2429899	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	855637	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.63	106	49384	1.886	ug/l	93
73) Isopropylbenzene	12.25	105	340039	5.418	ug/l	100
78) n-propylbenzene	12.59	91	793061	11.094	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	607915	11.883	ug/l	99
83) tert-Butylbenzene	12.99	119	73318	1.620	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	4723068	91.838	ug/l	99
85) sec-Butylbenzene	13.17	105	531438	8.684	ug/l #	75
86) p-Isopropyltoluene	13.29	119	440332	8.327	ug/l	99
89) n-Butylbenzene	13.62	91	461023m	10.134	ug/l	
95) Naphthalene	15.13	128	17796	1.698	ug/l	97

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

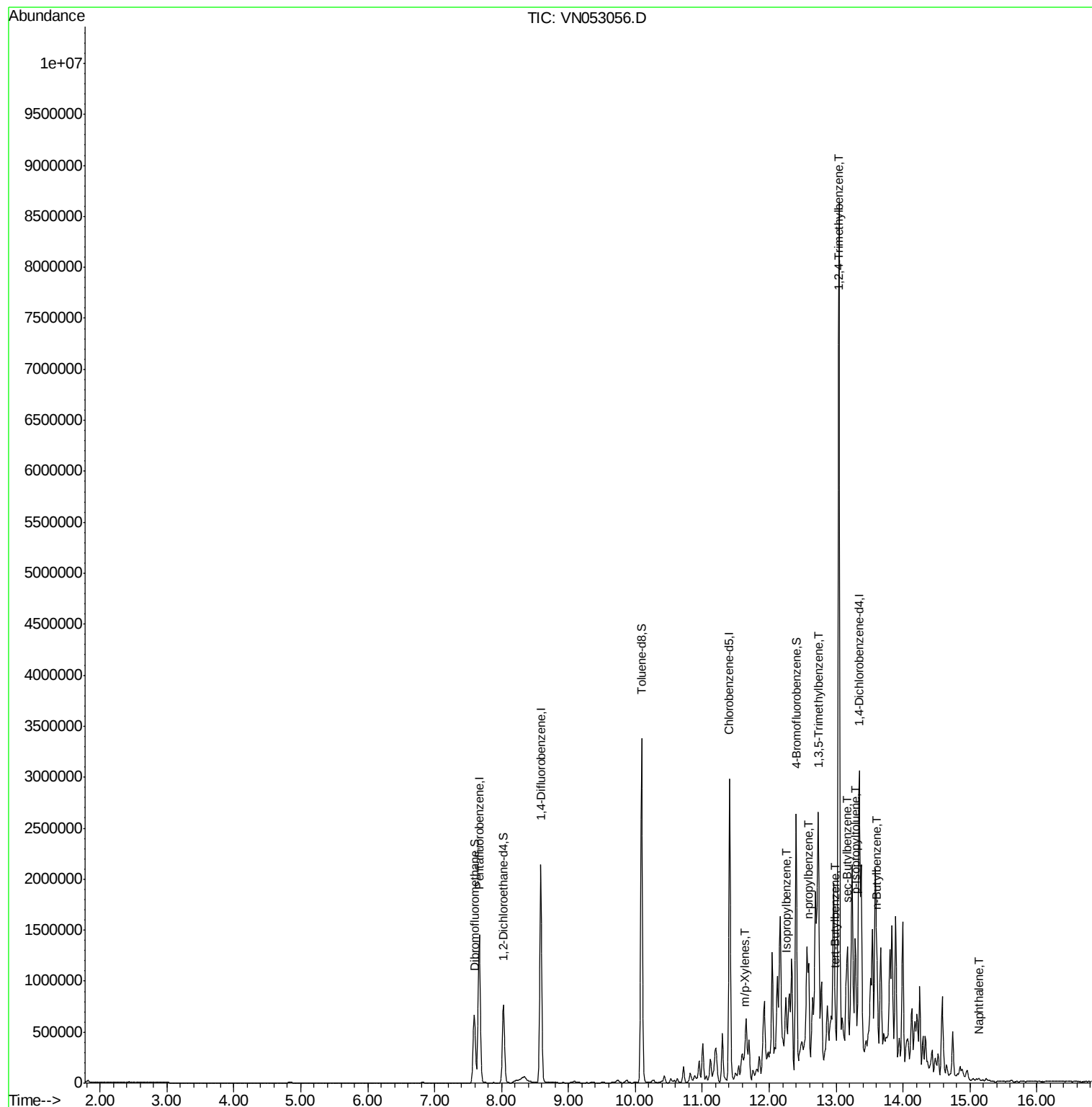
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122018\
Data File : VN053056.D
Acq On : 20 Dec 2018 15:01
Operator : MD\SY
Sample : J6411-04DL 100X
Misc : 5.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 28

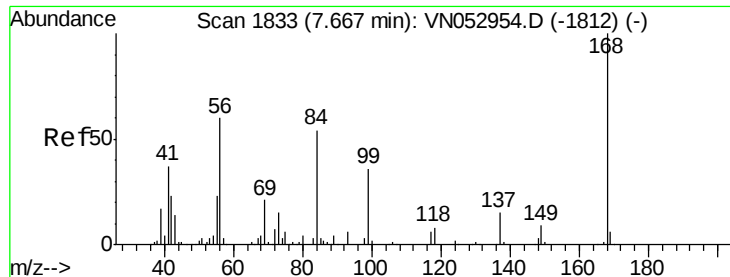
Instrument :
MSVOA_N
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EP1-SBR-2A(15-16FT)1218DL

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Quant Time: Dec 21 01:08:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 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: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

Tgt Ion:168 Resp: 1301302

Ion Ratio Lower Upper

168 100

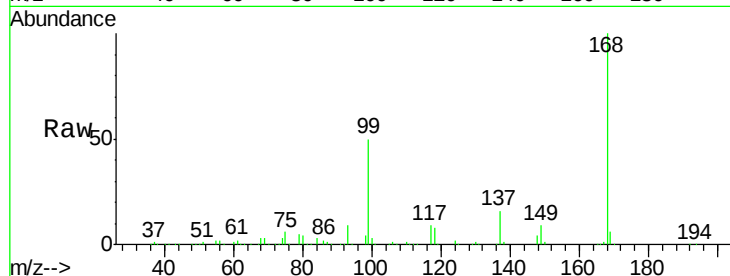
99 50.4 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

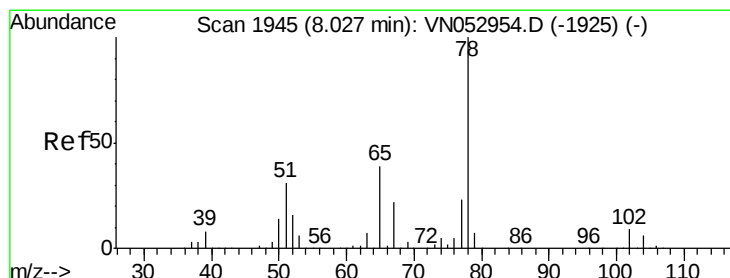
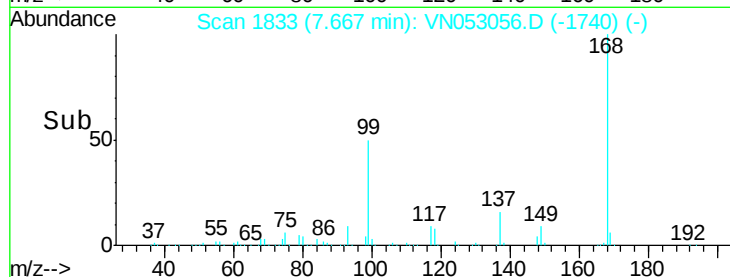
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053056.D

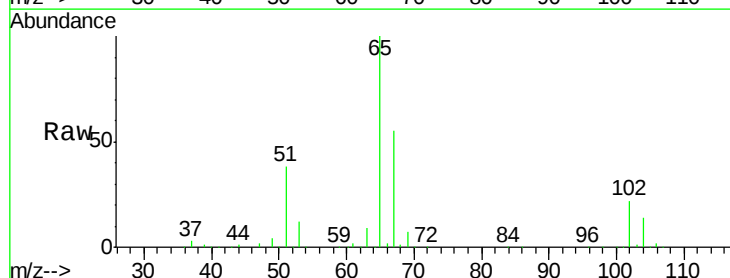
Acq: 20 Dec 2018 15:01

Tgt Ion: 65 Resp: 630423

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

300000

250000

200000

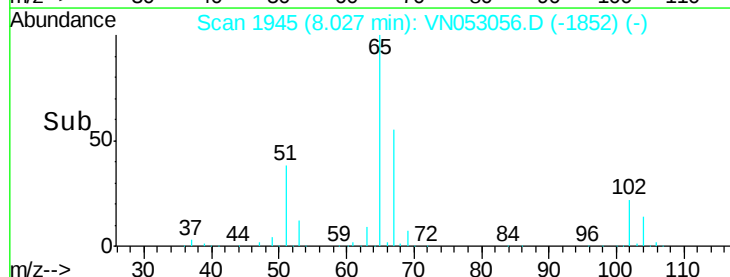
150000

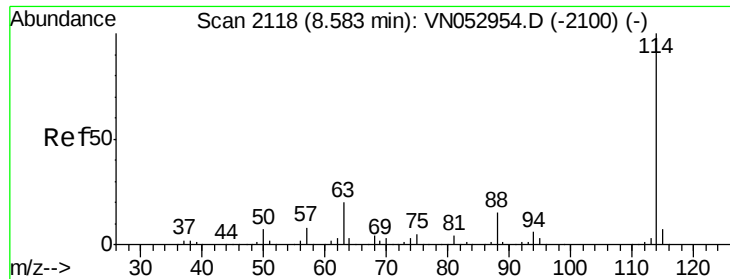
100000

50000

0

Time--> 7.90 8.00 8.10





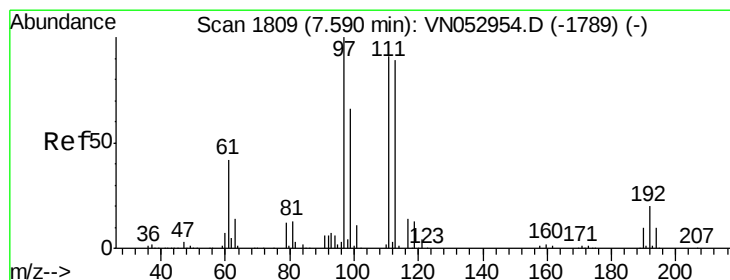
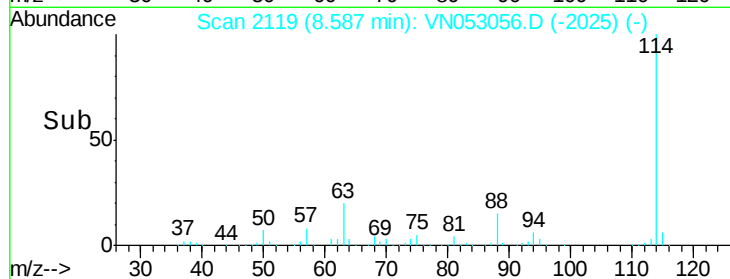
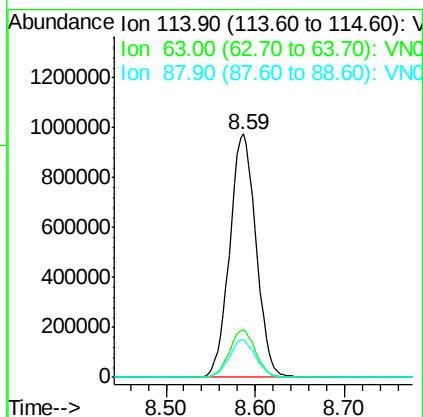
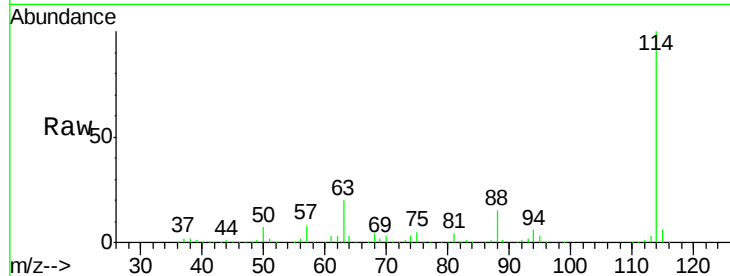
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053056.D
 Acq: 20 Dec 2018 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:114 Resp: 1996094
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.3 0.0 31.0

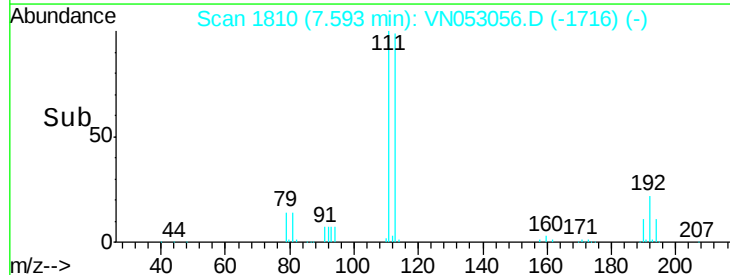
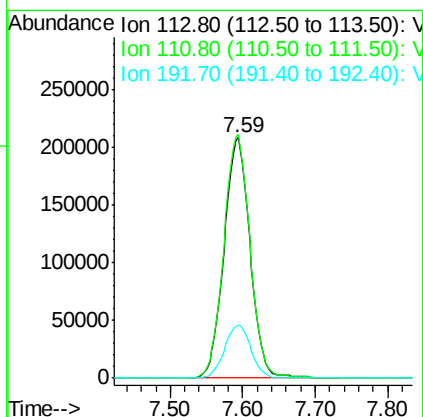
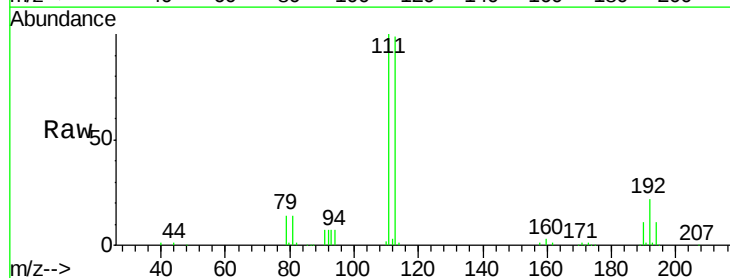
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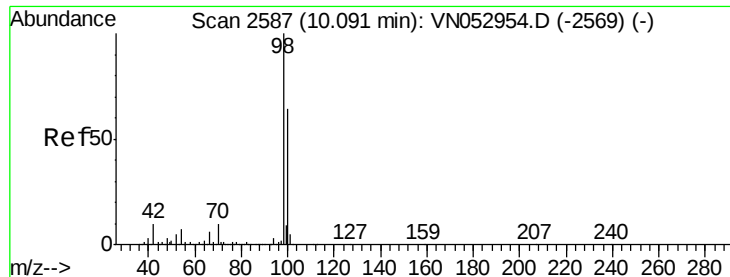
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#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053056.D
 Acq: 20 Dec 2018 15:01

Tgt Ion:113 Resp: 519194
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.0 124.4
 192 22.3 17.5 26.3





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

Tgt Ion: 98 Resp: 2429899

Ion Ratio Lower Upper

98 100

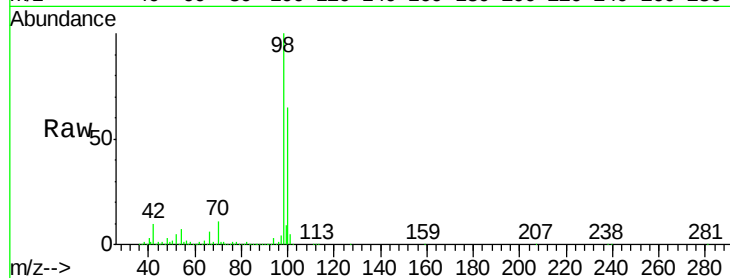
100 64.3 51.6 77.4

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1500000

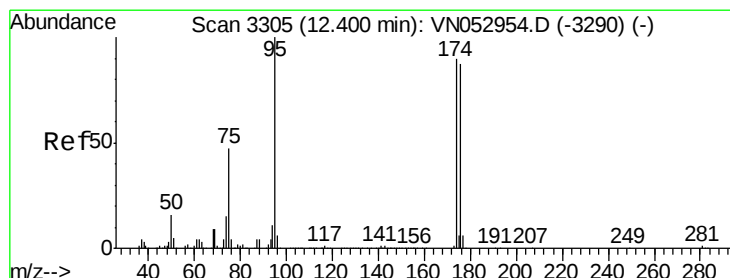
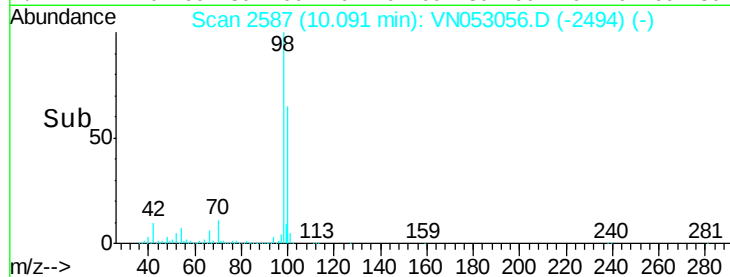
10.09

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

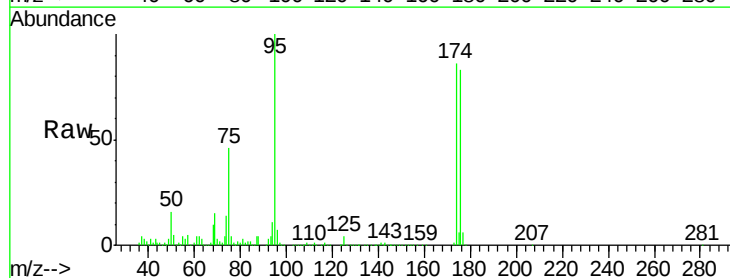
Tgt Ion: 95 Resp: 855637

Ion Ratio Lower Upper

95 100

174 88.3 0.0 178.8

176 85.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

600000

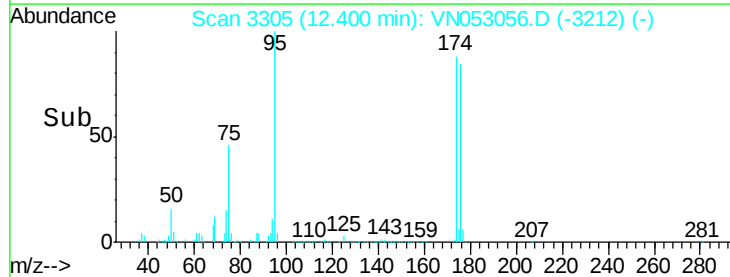
12.40

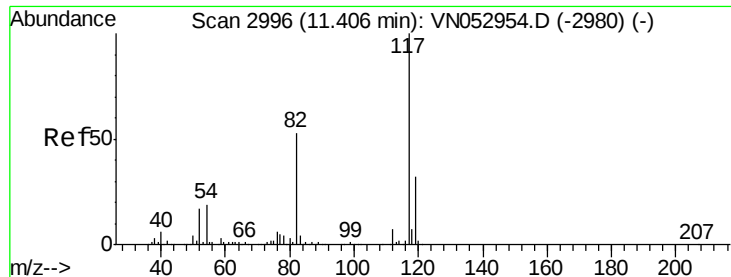
400000

200000

0

Time-->





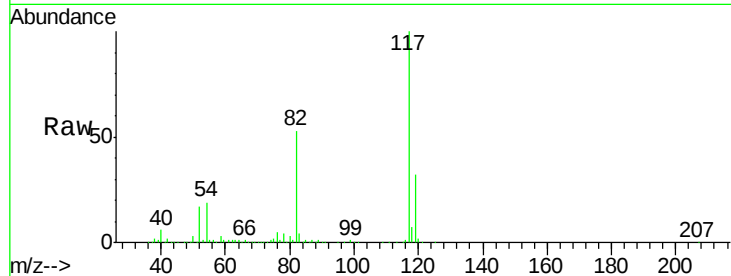
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

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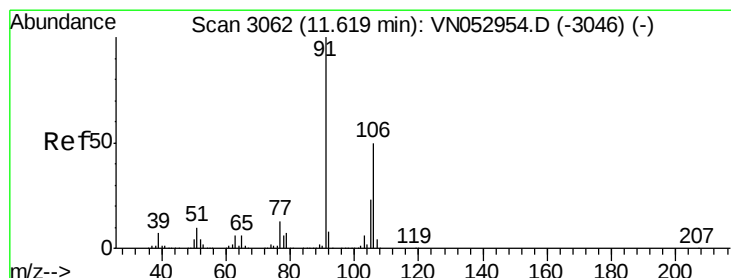
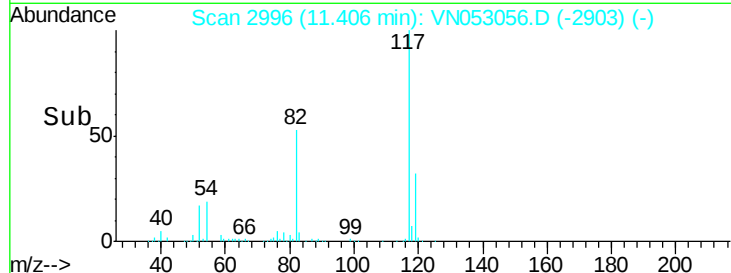
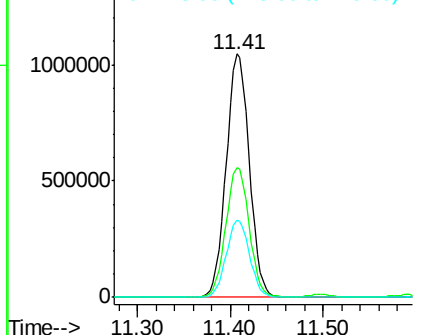
Tgt Ion:117 Resp: 1806645
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 31.7 25.5 38.3

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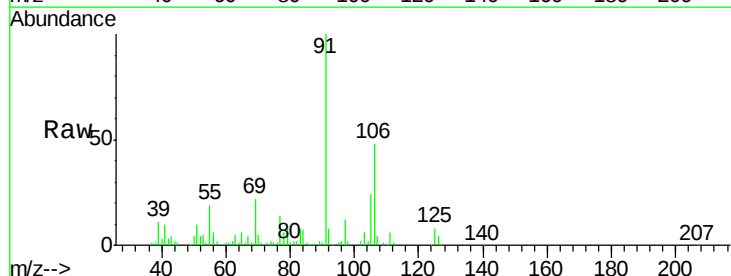


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

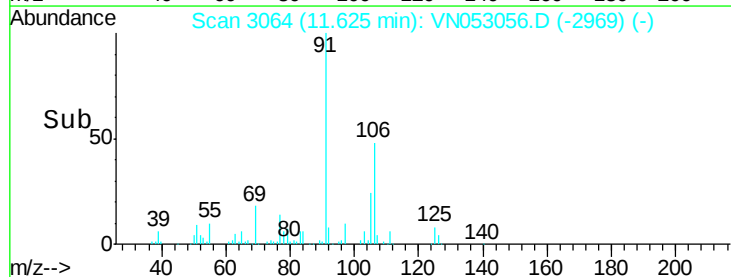
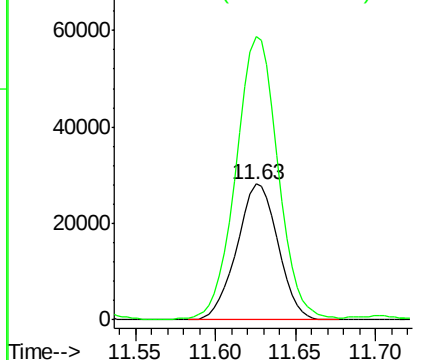


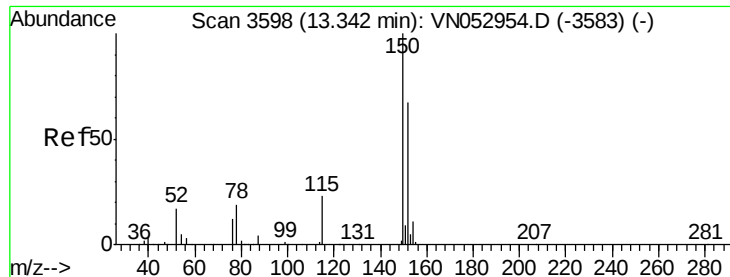
#68
m/p-Xylenes
Concen: 1.886 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Tgt Ion:106 Resp: 49384
Ion Ratio Lower Upper
106 100
91 213.9 162.2 243.4



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: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

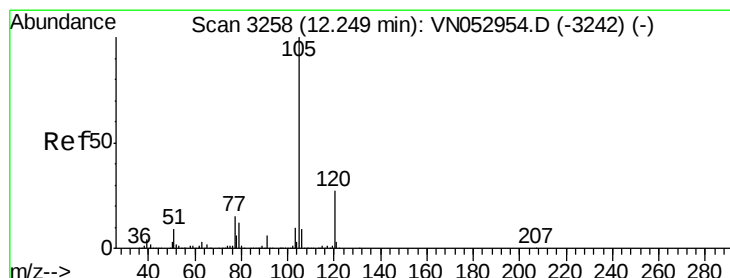
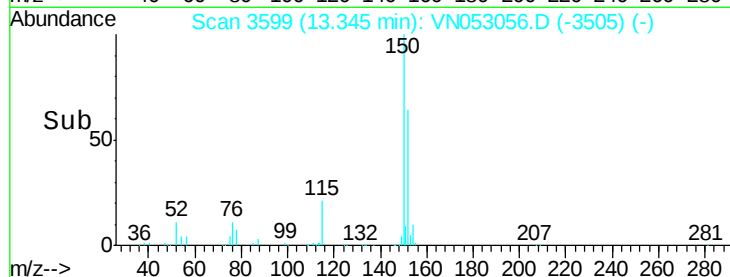
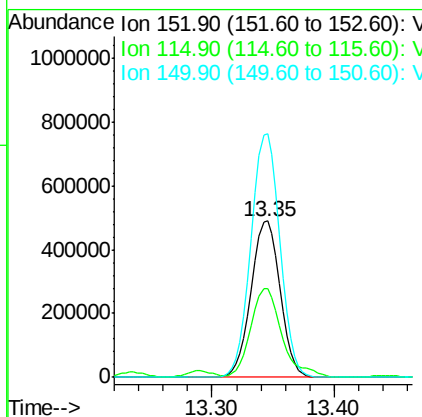
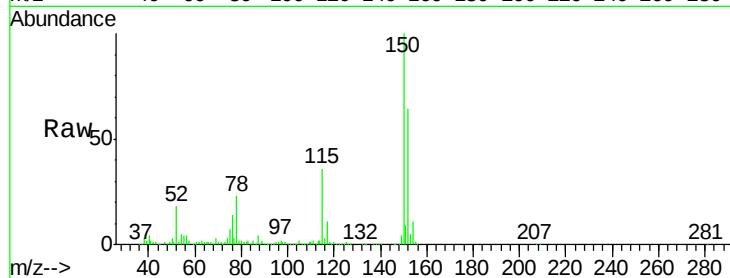
ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	802187		
115	60.9	28.3	85.0	
150	155.1	0.0	347.8	

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#73

Isopropylbenzene

Concen: 5.418 ug/l

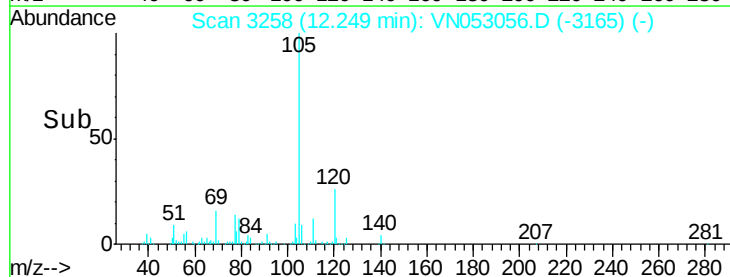
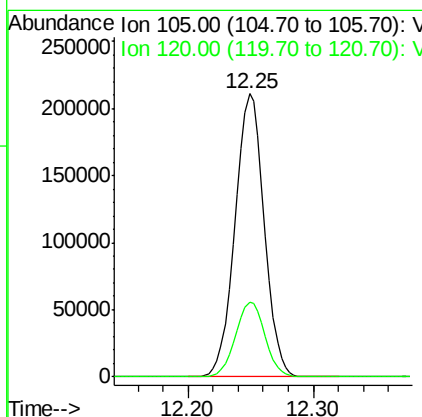
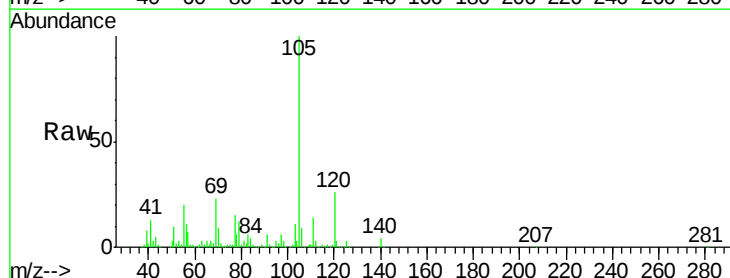
RT: 12.25 min Scan# 3258

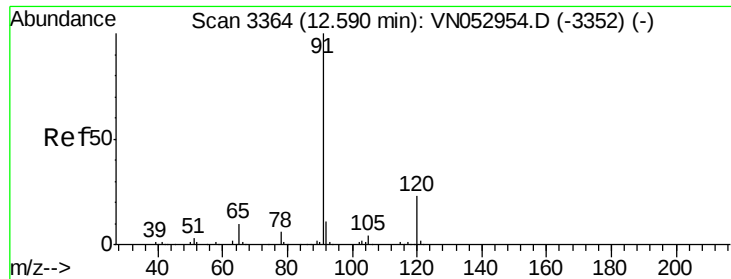
Delta R.T. -0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	340039		
120	26.7	13.3	39.9	





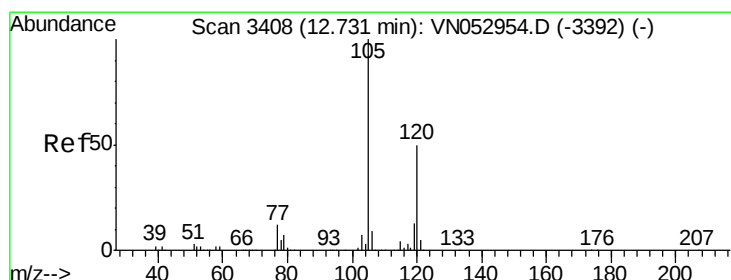
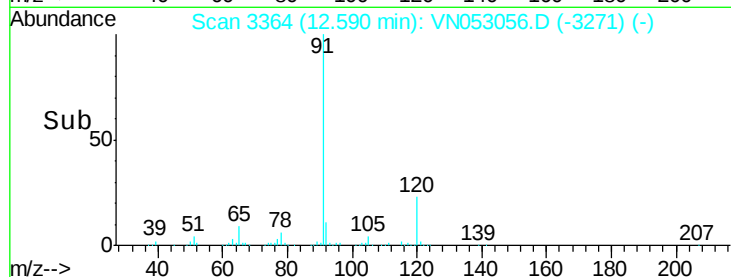
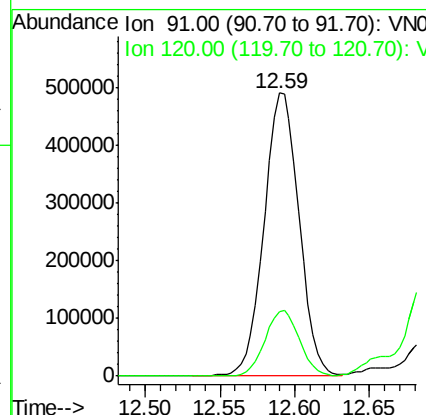
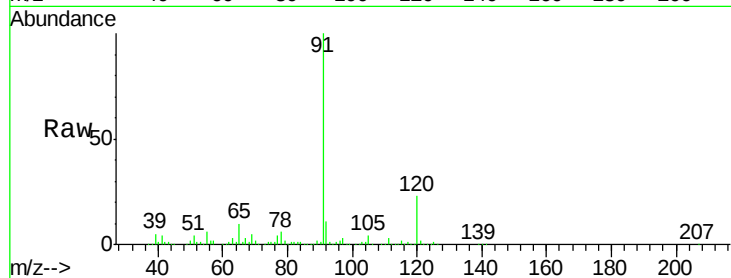
#78
n-propylbenzene
Concen: 11.094 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Instrument :
MSVOA_N
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EP1-SBR-2A(15-16FT)1218DL

Tgt Ion: 91 Resp: 793061
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5

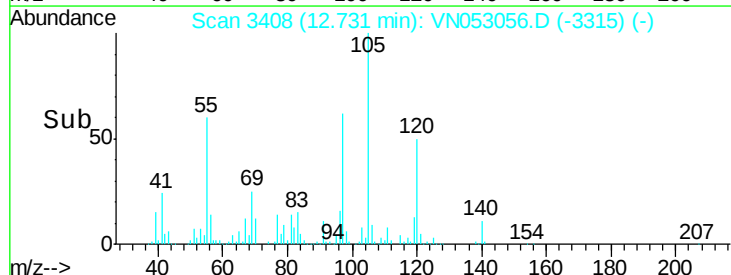
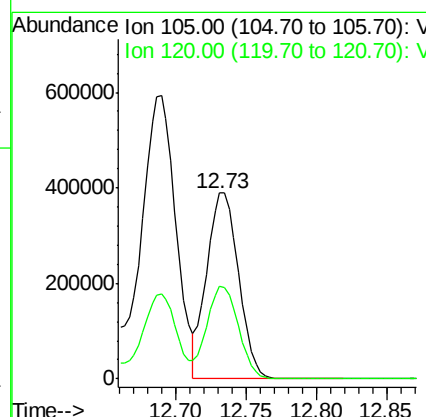
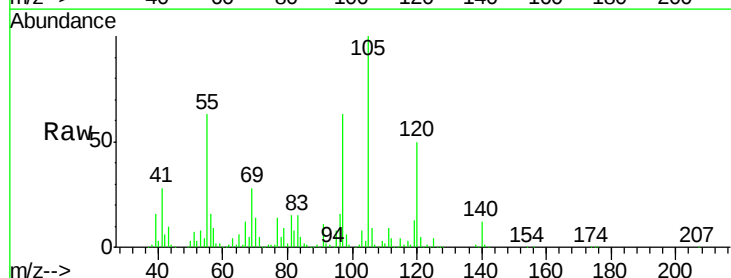
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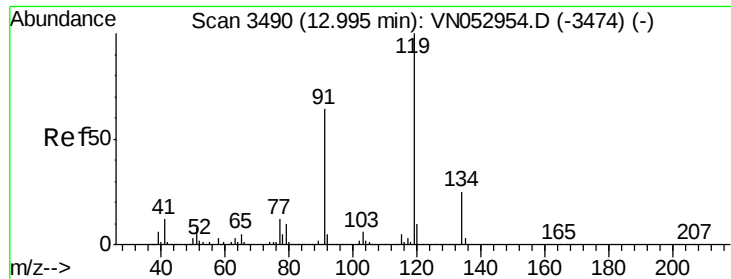
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#80
1,3,5-Trimethylbenzene
Concen: 11.883 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Tgt Ion: 105 Resp: 607915
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.2





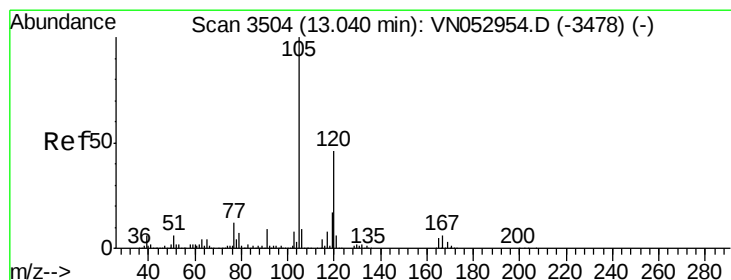
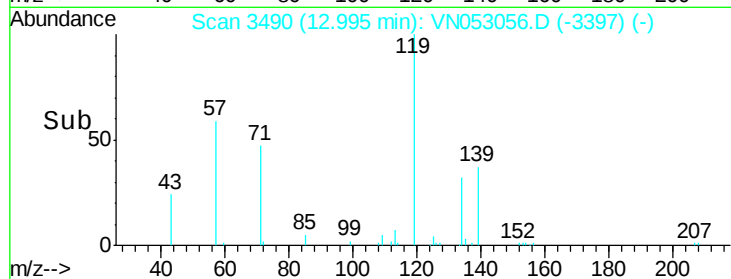
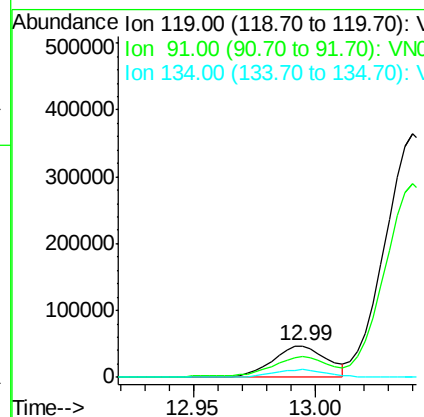
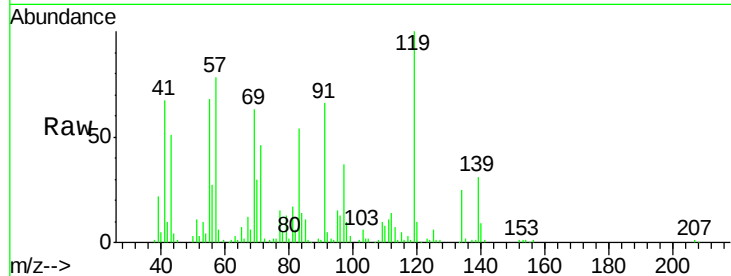
#83
 tert-Butylbenzene
 Concen: 1.620 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN053056.D
 Acq: 20 Dec 2018 15:01

Instrument :
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Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.6	31.9	95.5
134	24.8	12.8	38.4

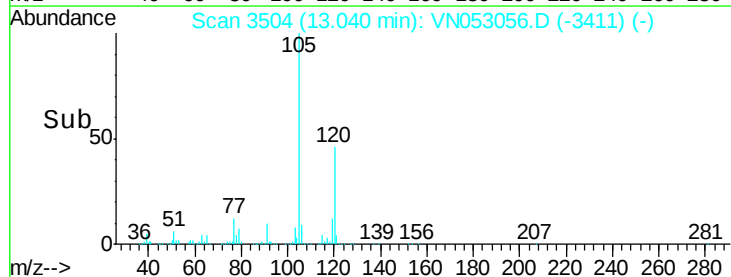
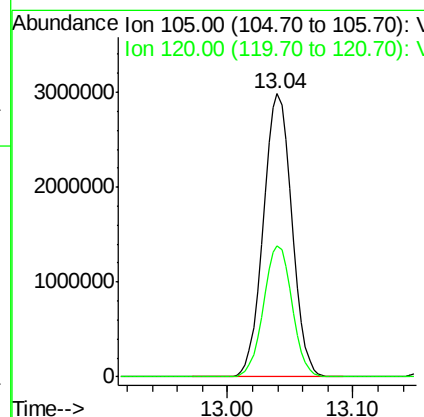
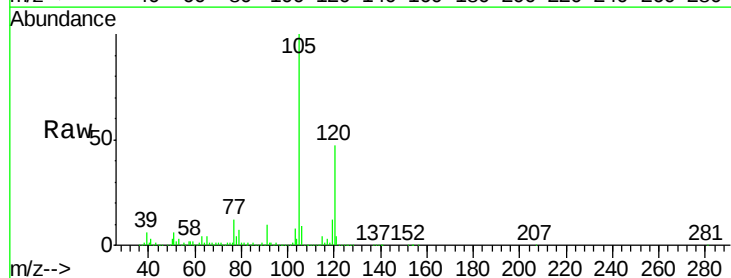
Manual Integrations
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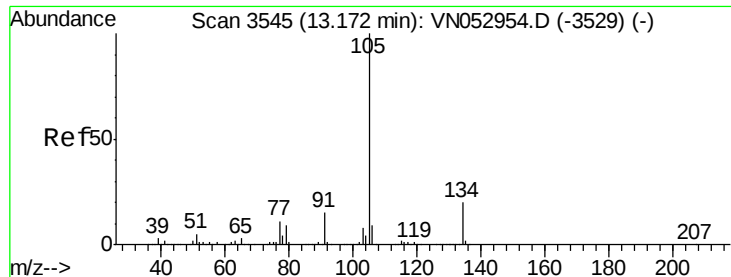
MMDadoda
 12/21/2018 9:21:15 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 91.838 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053056.D
 Acq: 20 Dec 2018 15:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.8





#85

sec-Butylbenzene

Concen: 8.684 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-SBR-2A(15-16FT)1218DL

Tgt Ion:105 Resp: 531438

Ion Ratio Lower Upper

105 100

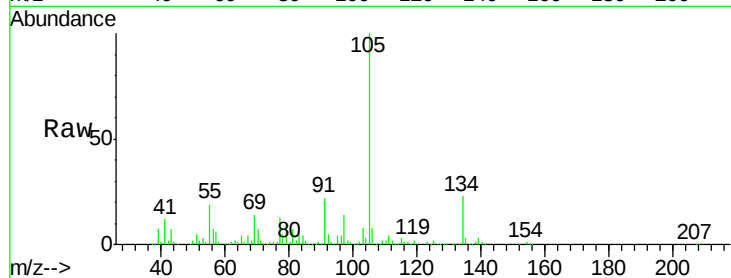
134 31.5 10.1 30.3#

Manual Integrations

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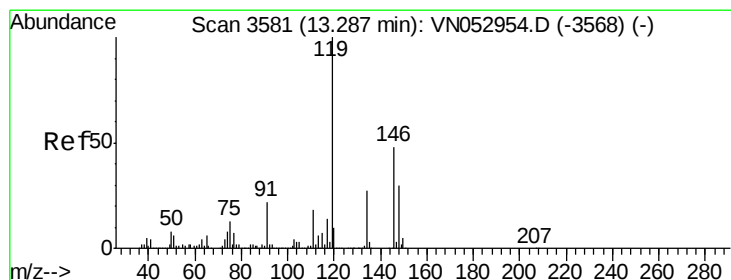
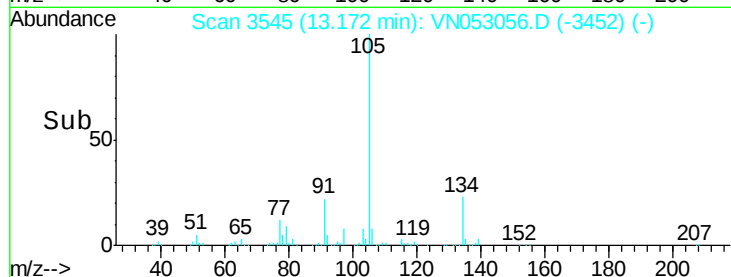
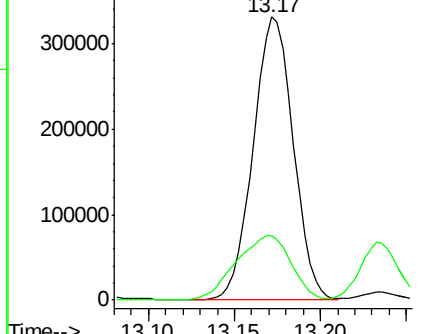
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12/21/2018 9:21:15 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 8.327 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053056.D

Acq: 20 Dec 2018 15:01

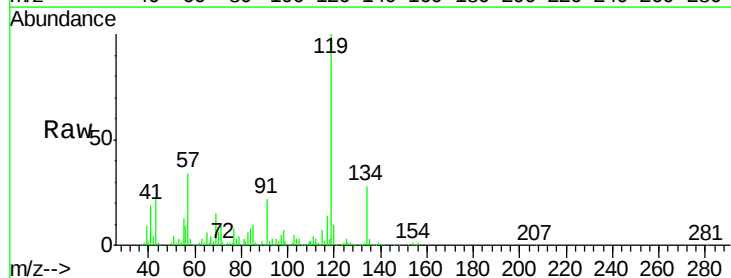
Tgt Ion:119 Resp: 440332

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

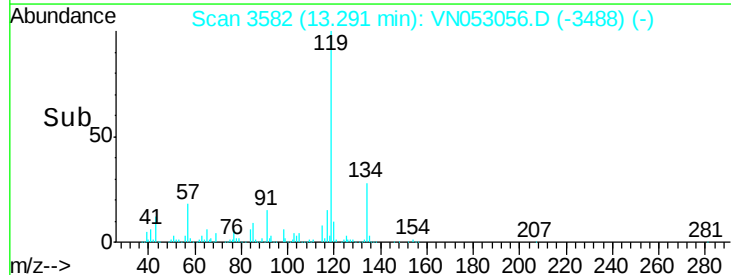
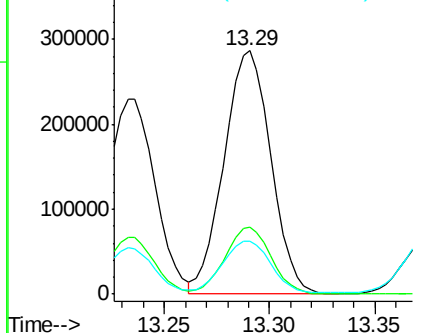
91 21.7 11.1 33.3

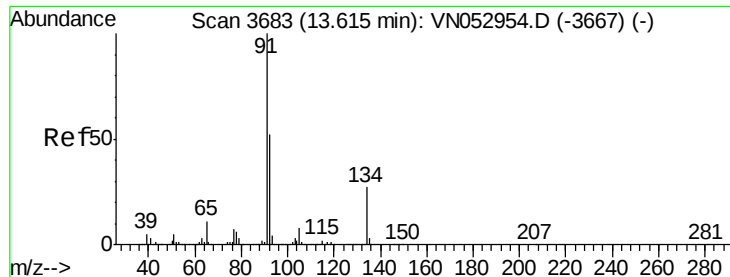


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





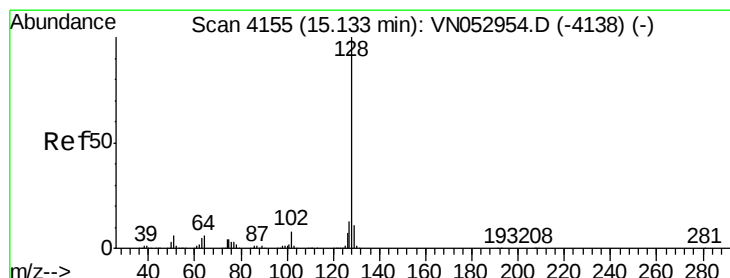
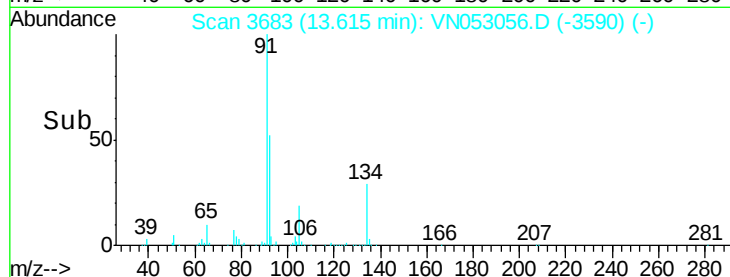
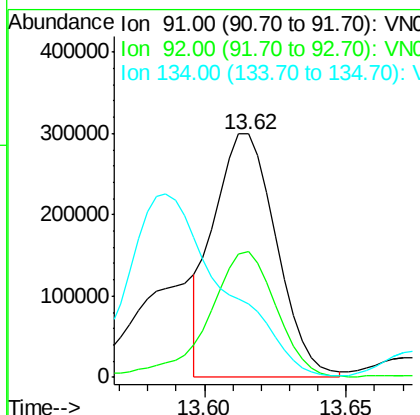
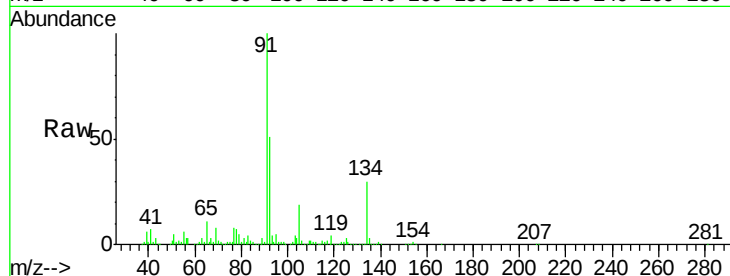
#89
n-Butylbenzene
Concen: 10.134 ug/l m
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Instrument :
MSVOA_N
ClientSampleId :
EP1-SBR-2A(15-16FT)1218DL

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.8	26.3	78.9
134	0.0	13.3	39.8#

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#95
Naphthalene
Concen: 1.698 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053056.D
Acq: 20 Dec 2018 15:01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	9.1	8.6	13.0

