

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053116.D
 Acq On : 21 Dec 2018 21:36
 Operator : MD\SY
 Sample : J6392-11MEDL 100X
 Misc : 2.94g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218(20-22)MEDL

Manual Integrations
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MMDadoda
 12/22/2018 10:49:48 AM

Quant Time: Dec 22 03:14:57 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	1293279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1963102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1814245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	786248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	630335	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
35) Dibromofluoromethane	7.59	113	506834	56.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.04%	
50) Toluene-d8	10.09	98	2432359	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	851032	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.66	56	60946	1.667	ug/l #	50
39) Methylcyclohexane	9.09	83	69986	3.058	ug/l	95
40) Benzene	8.05	78	37190	0.664	ug/l	97
52) Toluene	10.16	92	1206653	34.735	ug/l	100
67) Ethyl Benzene	11.51	91	1280872	18.520	ug/l	100
68) m/p-Xylenes	11.62	106	1769847	67.314	ug/l	99
69) o-Xylene	11.95	106	680100	26.956	ug/l	100
73) Isopropylbenzene	12.25	105	240394	3.908	ug/l	100
78) n-propylbenzene	12.59	91	411111	5.868	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	470871	9.391	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1621144	32.161	ug/l	100
85) sec-Butylbenzene	13.17	105	37742m	0.629	ug/l	
86) p-Isopropyltoluene	13.29	119	405048	7.815	ug/l	99
89) n-Butylbenzene	13.62	91	61621	1.382	ug/l #	74
95) Naphthalene	15.14	128	146749	5.785	ug/l	98

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

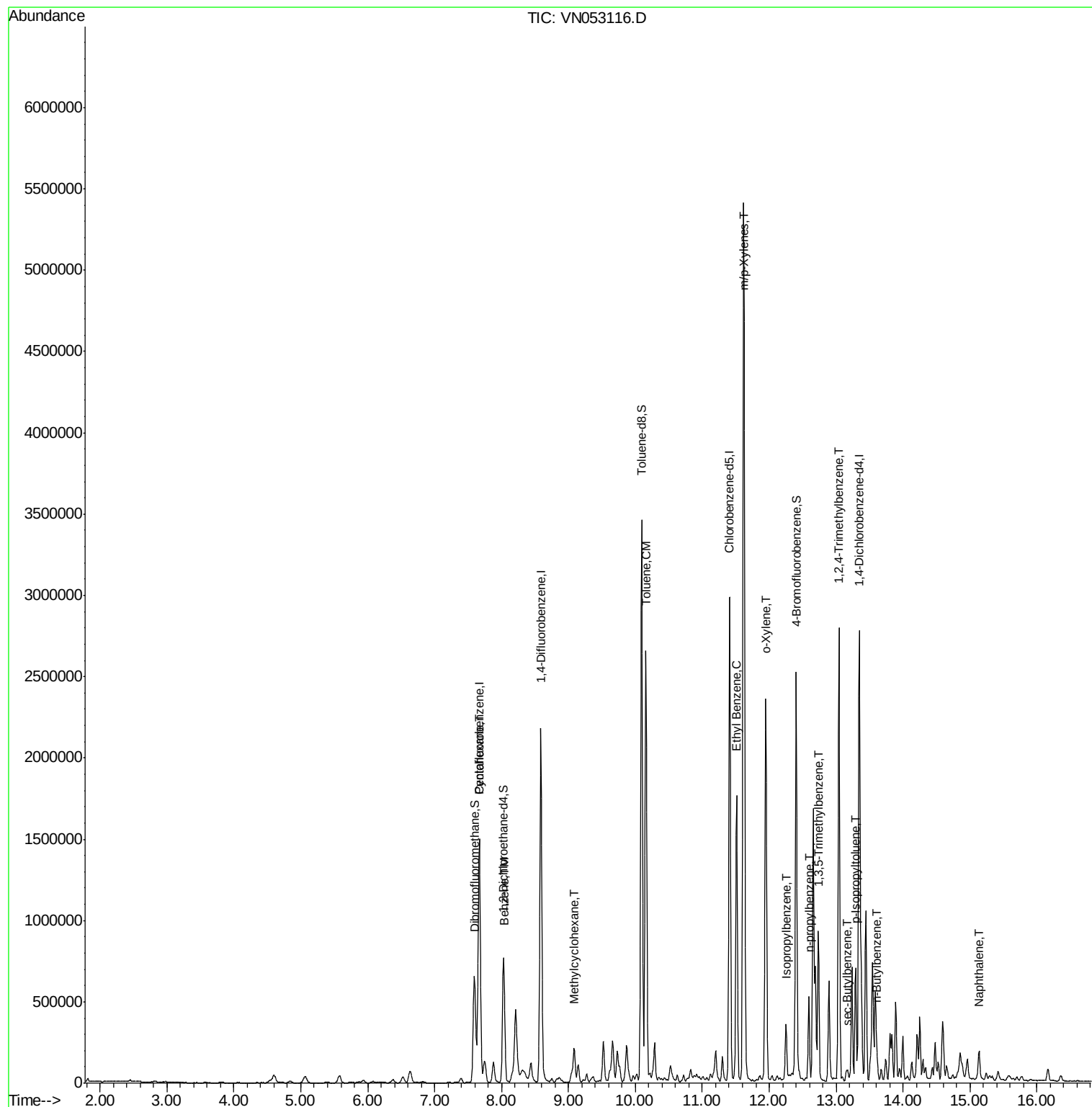
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
Data File : VN053116.D
Acq On : 21 Dec 2018 21:36
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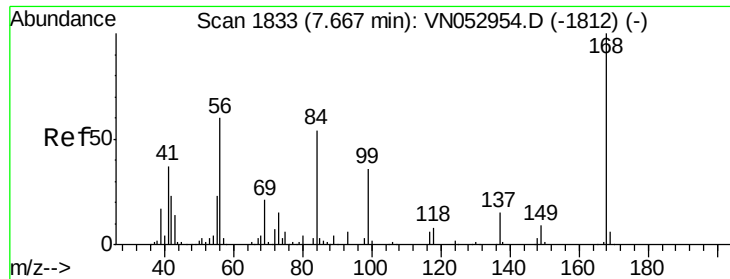
Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)MEDL

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053116.D

Acq: 21 Dec 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218(20-22)MEDL

Tgt Ion:168 Resp: 1293279

Ion Ratio Lower Upper

168 100

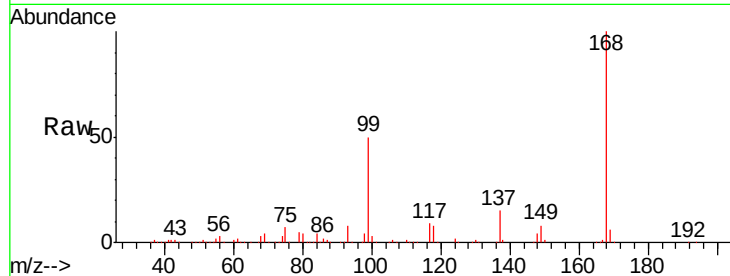
99 49.8 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

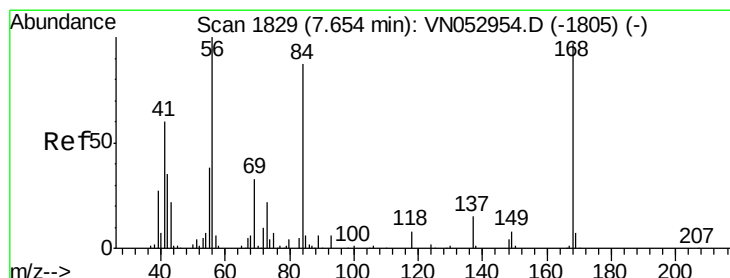
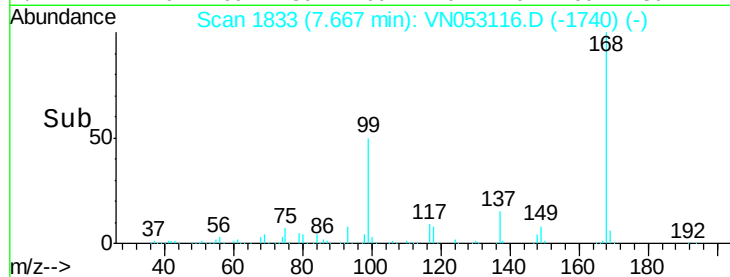
300000

200000

100000

0

Time-->



#31

Cyclohexane

Concen: 1.667 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053116.D

Acq: 21 Dec 2018 21:36

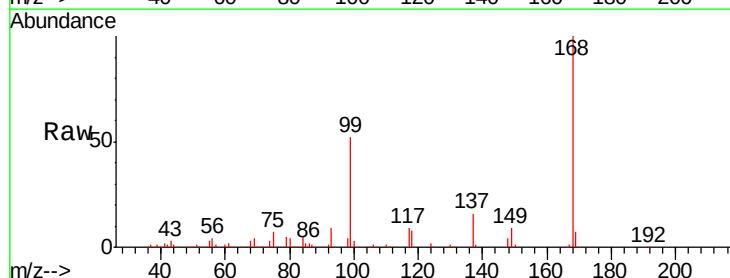
Tgt Ion: 56 Resp: 60946

Ion Ratio Lower Upper

56 100

69 88.9 26.6 39.8#

84 114.7 68.4 102.6#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

40000

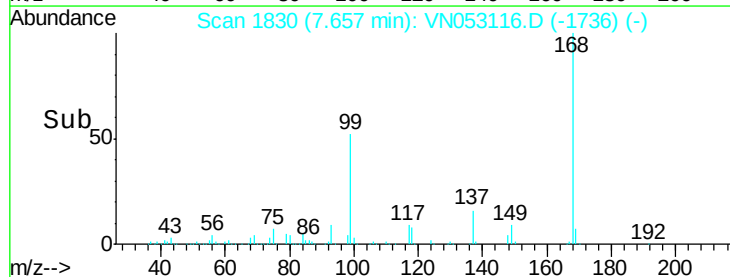
30000

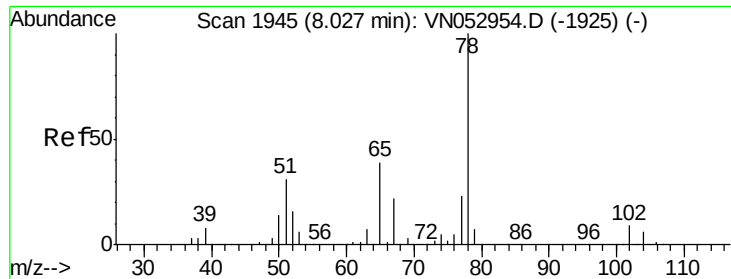
20000

10000

0

Time-->





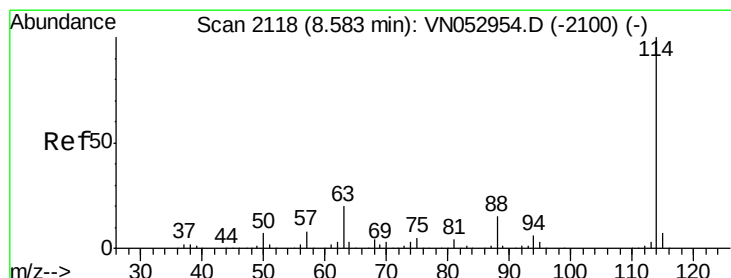
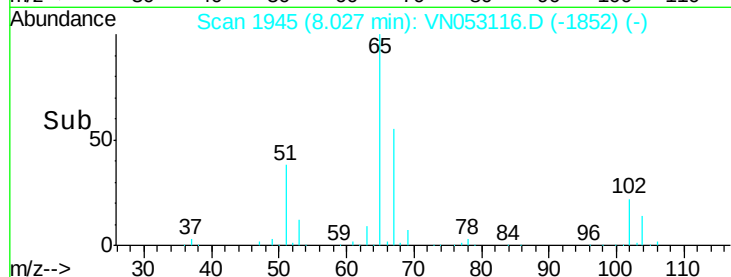
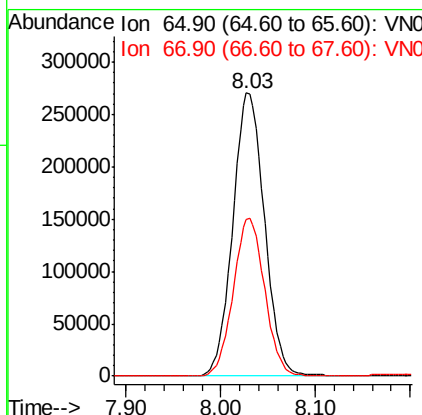
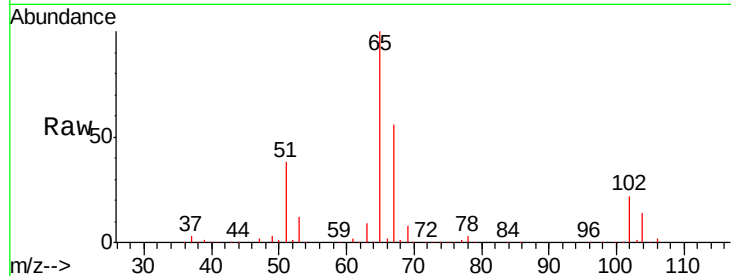
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053116.D
 Acq: 21 Dec 2018 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB104-121218(20-22)MEDL

Tgt Ion: 65 Resp: 630335
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4

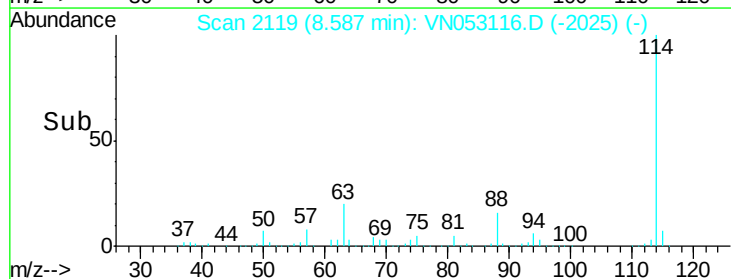
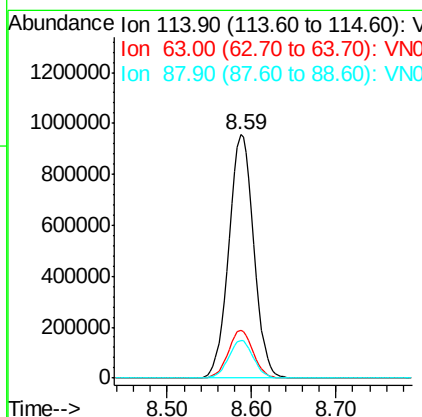
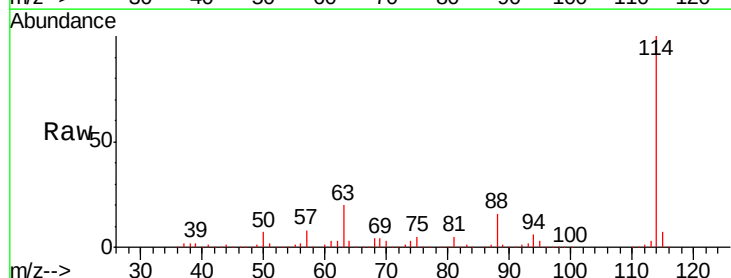
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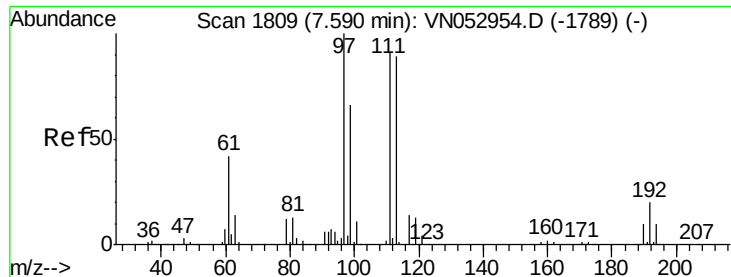
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053116.D
 Acq: 21 Dec 2018 21:36

Tgt Ion: 114 Resp: 1963102
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053116.D

Acq: 21 Dec 2018 21:36

Instrument :

MSVOA_N

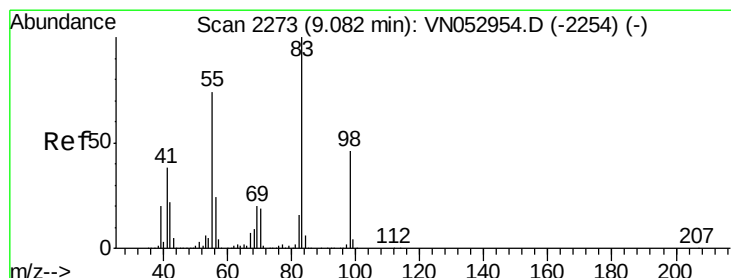
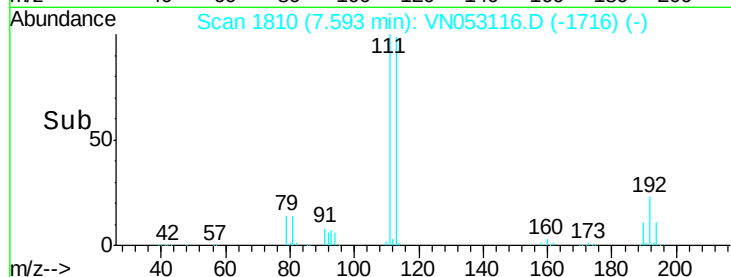
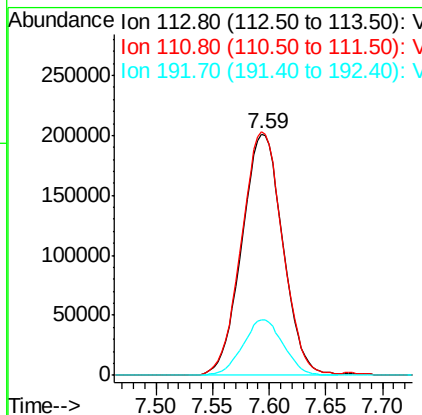
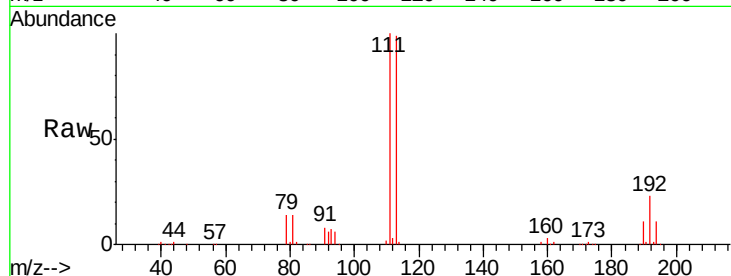
ClientSampleId :

KY001SB104-121218(20-22)MEDL

Tgt Ion:	113	Resp:	506834
Ion Ratio	Lower	Upper	
113	100		
111	101.4	83.0	124.4
192	22.7	17.5	26.3

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#39

Methylcyclohexane

Concen: 3.058 ug/l

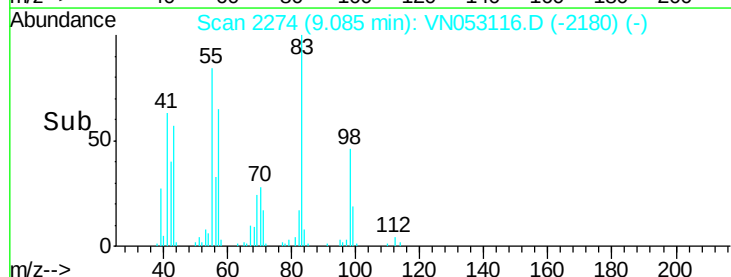
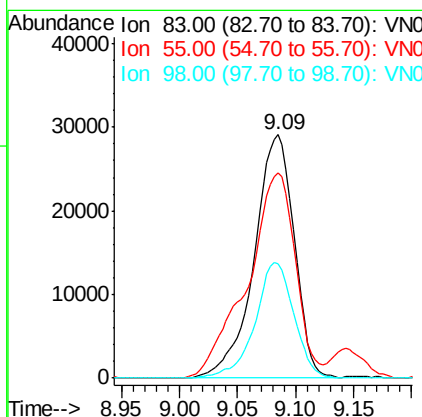
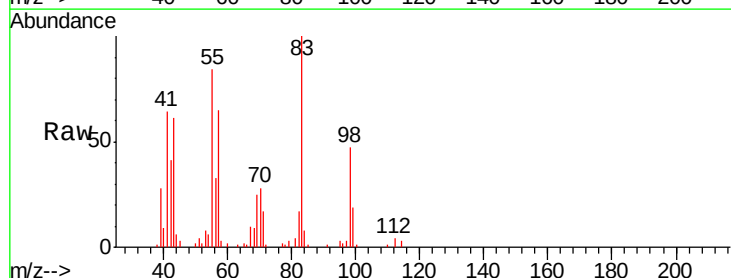
RT: 9.09 min Scan# 2274

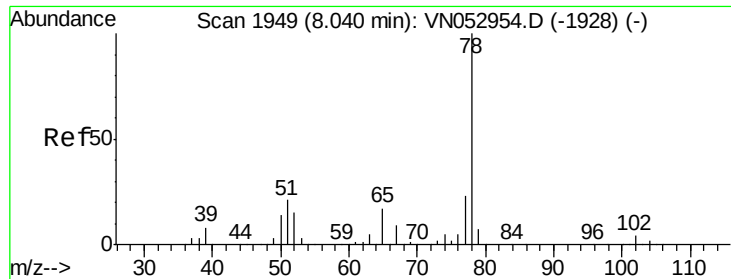
Delta R.T. 0.00 min

Lab File: VN053116.D

Acq: 21 Dec 2018 21:36

Tgt Ion:	83	Resp:	69986
Ion Ratio	Lower	Upper	
83	100		
55	83.6	61.3	91.9
98	47.0	37.0	55.4





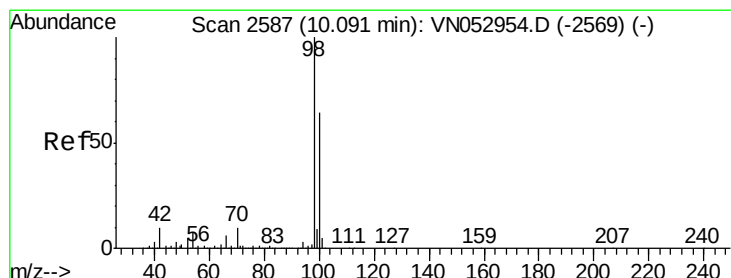
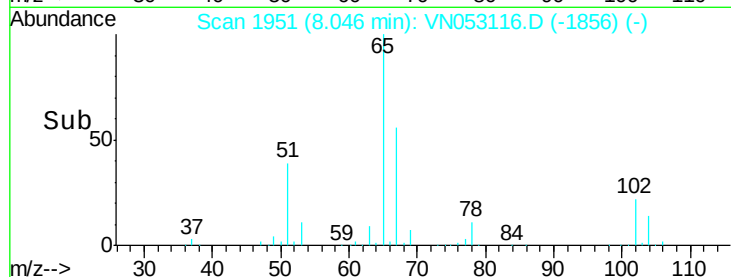
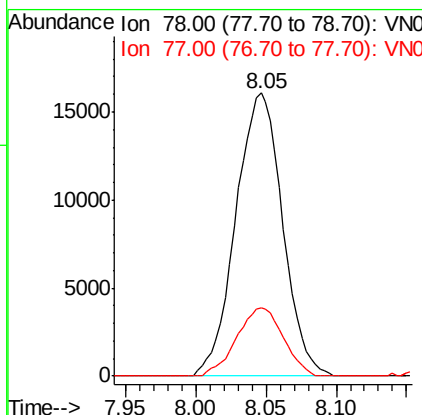
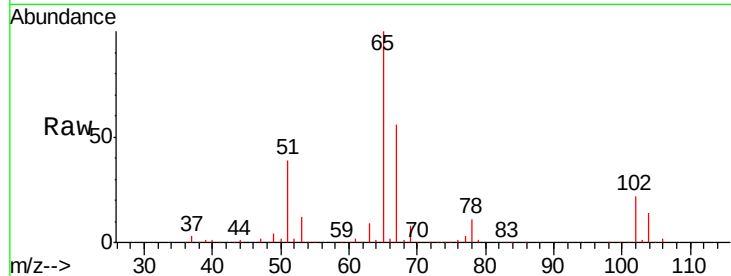
#40
Benzene
Concen: 0.664 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.01 min
Lab File: VN053116.D
Acq: 21 Dec 2018 21:36

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)MEDL

Tgt Ion: 78 Resp: 37190
Ion Ratio Lower Upper
78 100
77 24.3 18.5 27.7

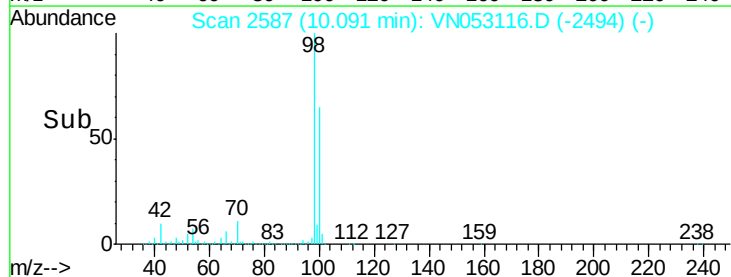
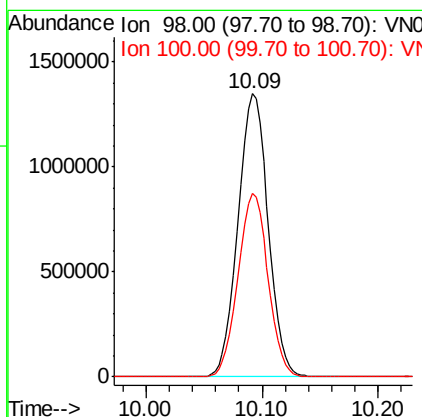
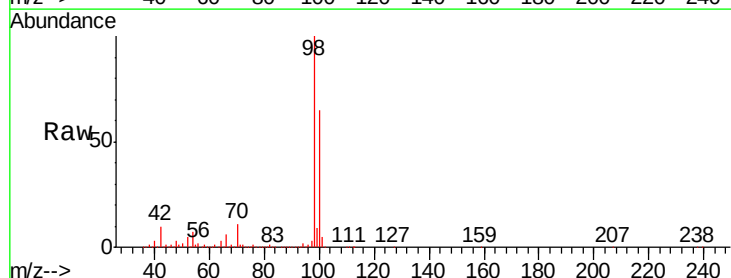
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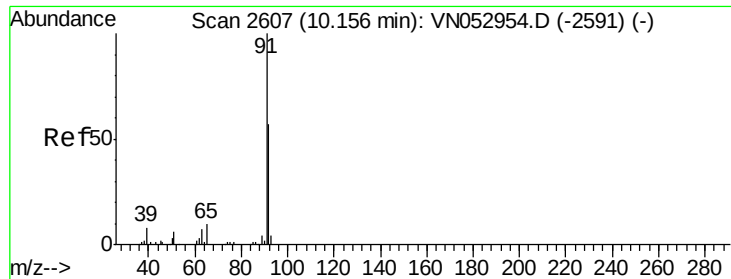
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053116.D
Acq: 21 Dec 2018 21:36

Tgt Ion: 98 Resp: 2432359
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4





#52

Toluene

Concen: 34.735 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053116.D

Acq: 21 Dec 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218(20-22)MEDL

Tgt Ion: 92 Resp: 1206653

Ion Ratio Lower Upper

92 100

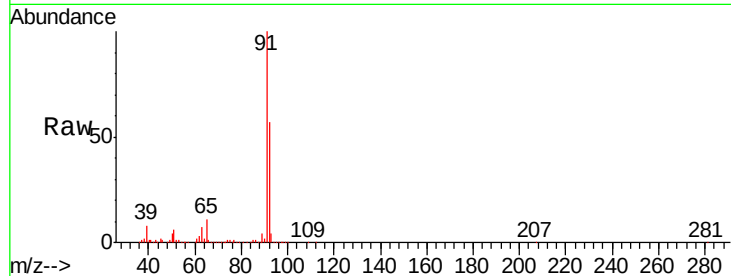
91 174.5 139.8 209.6

Manual Integrations

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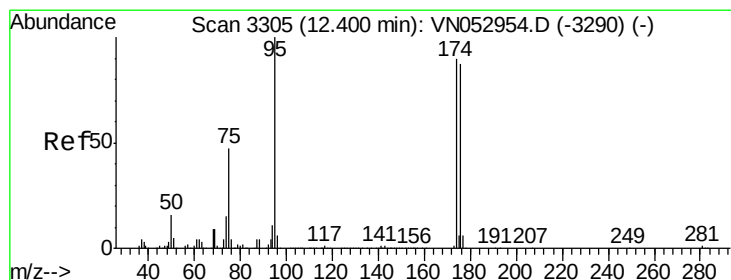
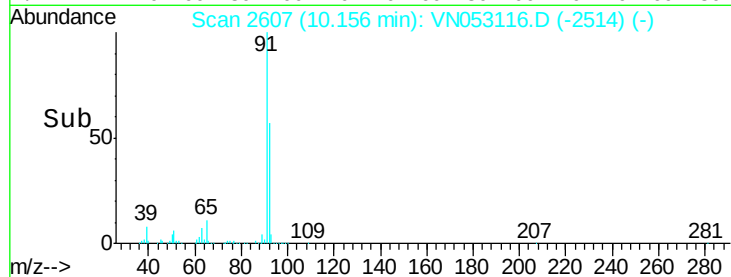
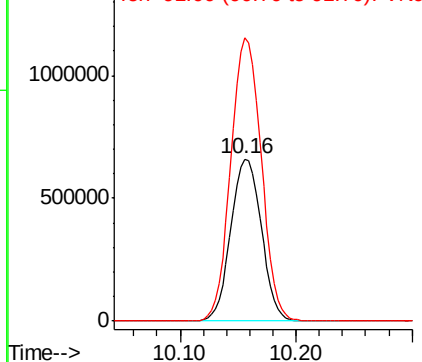
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Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053116.D

Acq: 21 Dec 2018 21:36

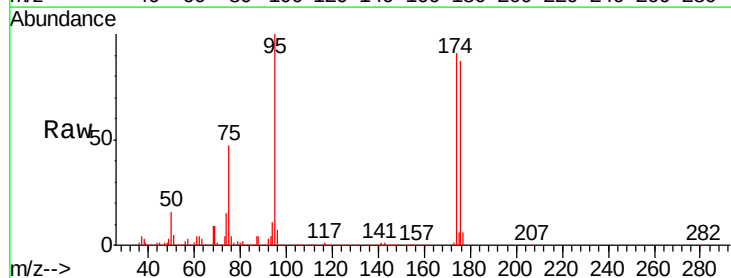
Tgt Ion: 95 Resp: 851032

Ion Ratio Lower Upper

95 100

174 90.4 0.0 178.8

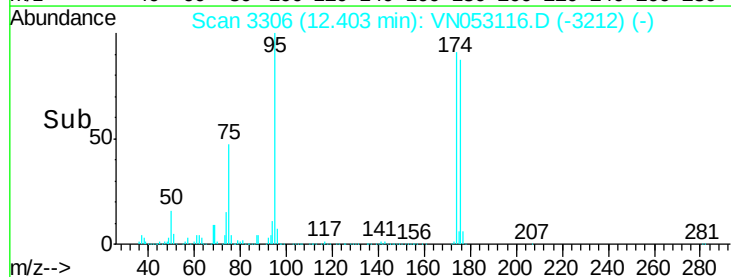
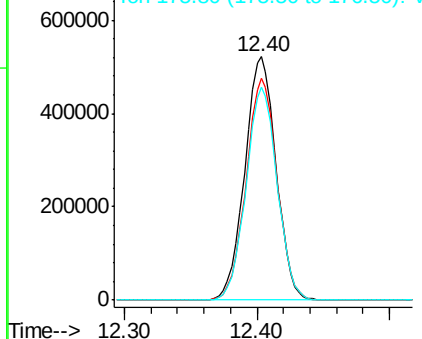
176 87.2 0.0 173.8

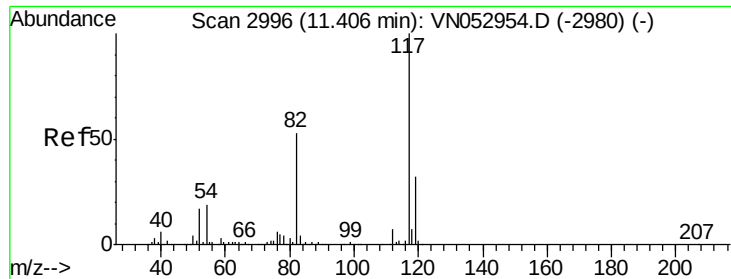


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





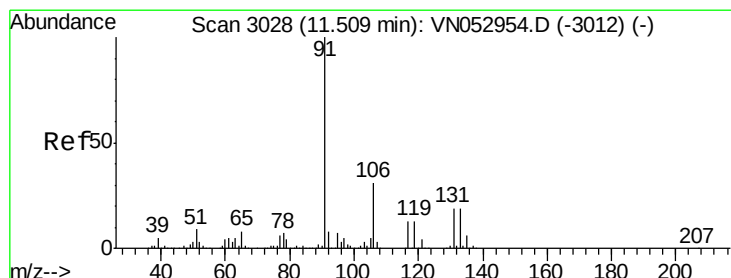
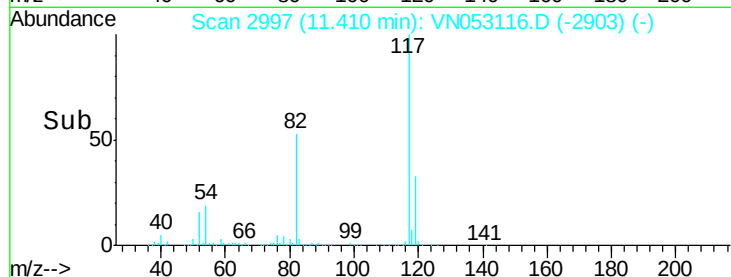
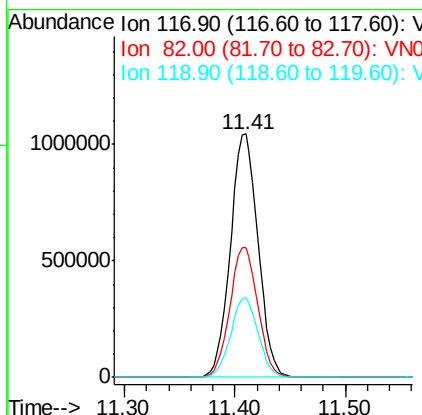
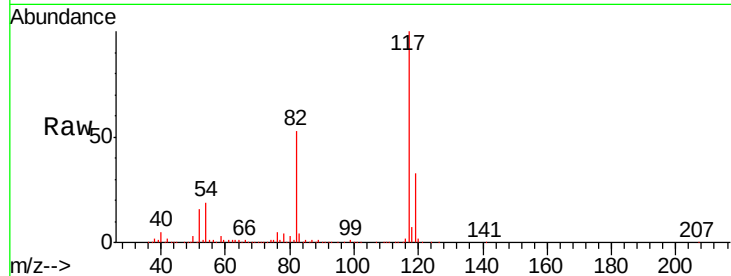
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053116.D
Acq: 21 Dec 2018 21:36

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)MEDL

Tgt Ion: 117 Resp: 1814245
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.7 25.5 38.3

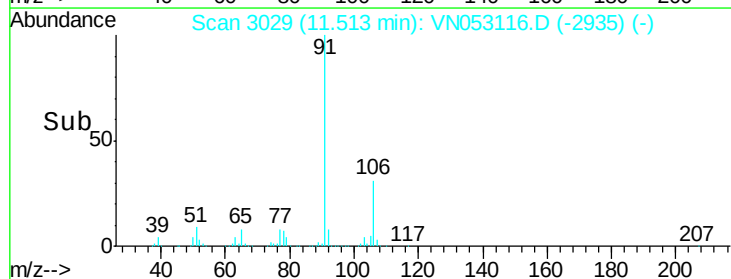
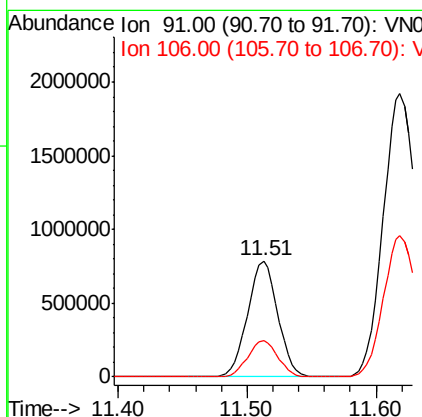
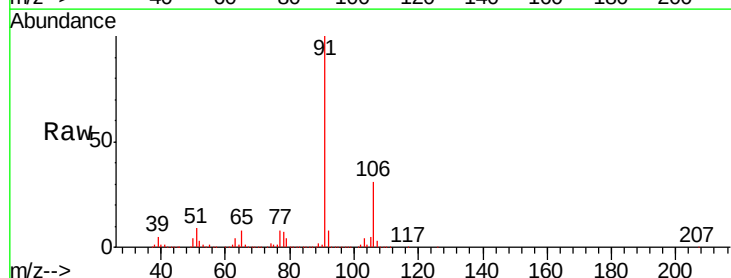
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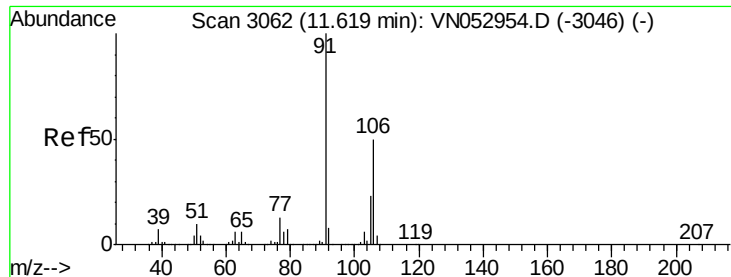
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#67
Ethyl Benzene
Concen: 18.520 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053116.D
Acq: 21 Dec 2018 21:36

Tgt Ion: 91 Resp: 1280872
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3





#68

m/p-Xylenes

Concen: 67.314 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053116.D

Acq: 21 Dec 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218(20-22)MEDL

Tgt Ion:106 Resp: 1769847

Ion Ratio Lower Upper

106 100

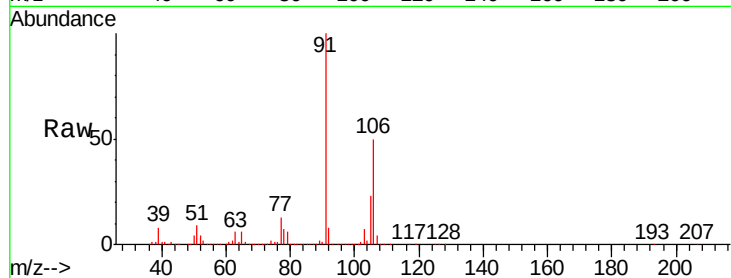
91 201.6 162.2 243.4

Manual Integrations

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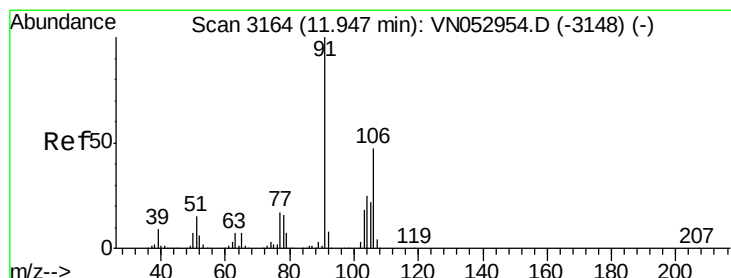
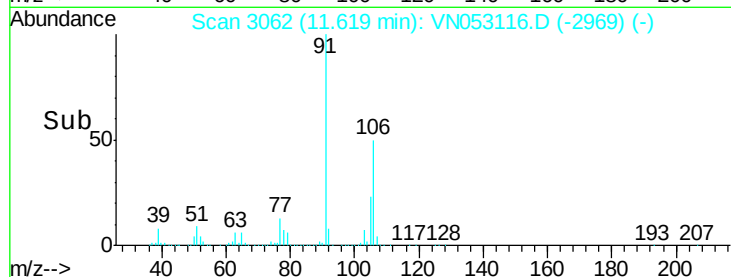
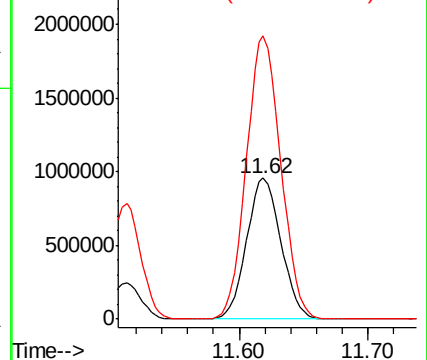
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 26.956 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN053116.D

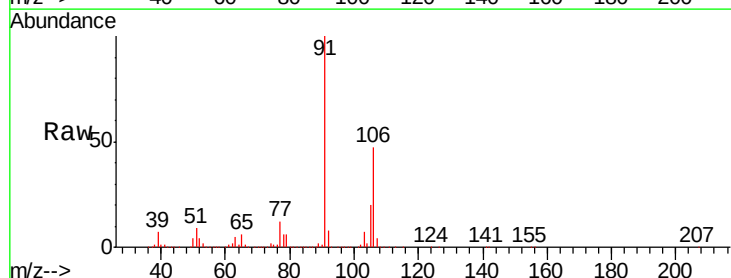
Acq: 21 Dec 2018 21:36

Tgt Ion:106 Resp: 680100

Ion Ratio Lower Upper

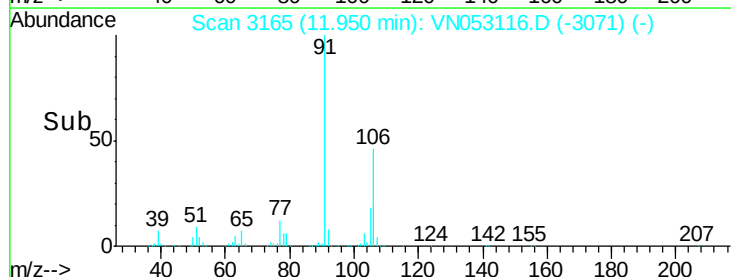
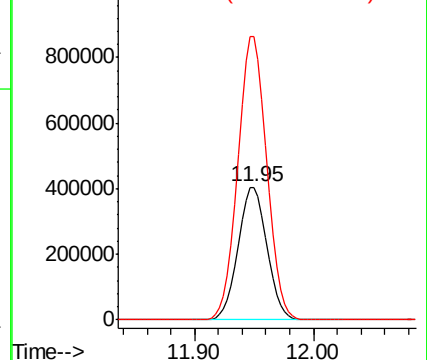
106 100

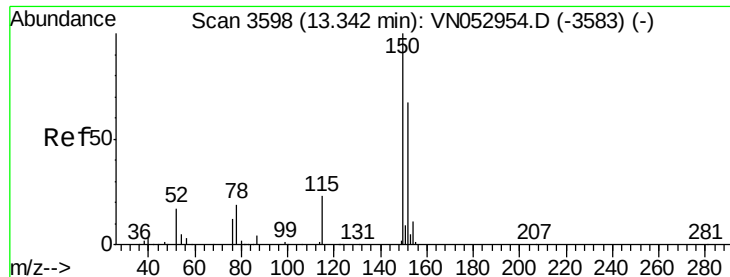
91 213.5 106.6 319.8



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: VN053116.D

Acq: 21 Dec 2018 21:36

Instrument :

MSVOA_N

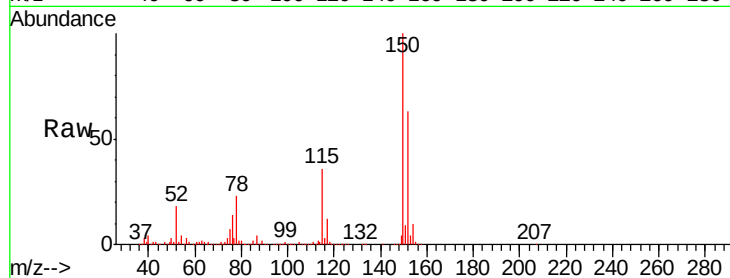
ClientSampleId :

KY001SB104-121218(20-22)MEDL

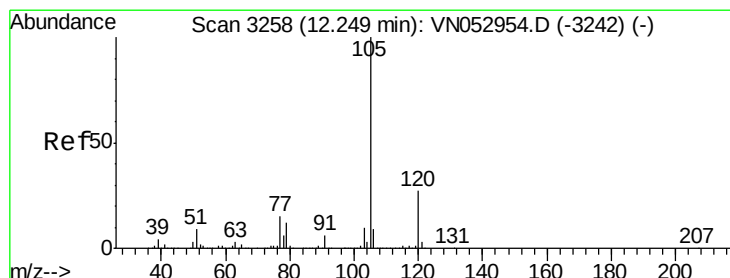
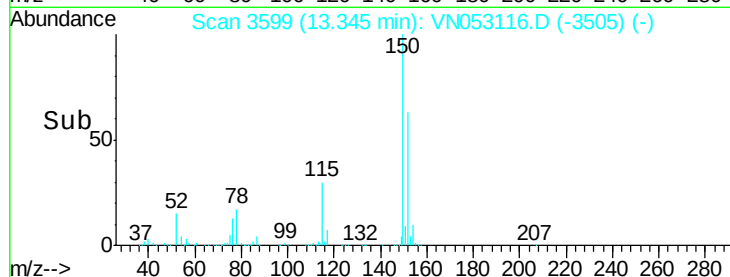
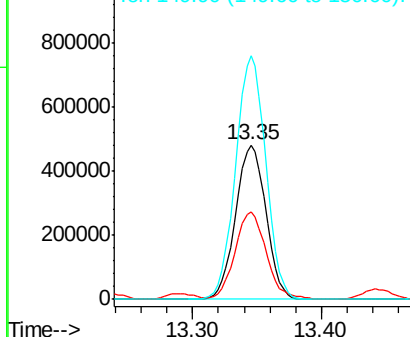
Tgt Ion:	152	Resp:	786248
Ion Ratio	Lower	Upper	
152	100		
115	58.1	28.3	85.0
150	156.8	0.0	347.8

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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: 3.908 ug/l

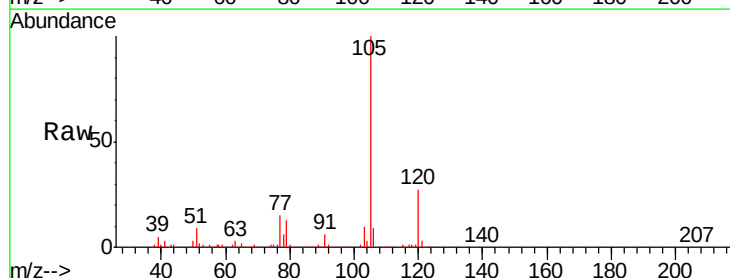
RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

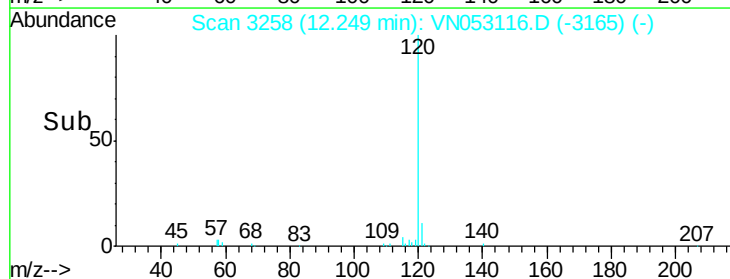
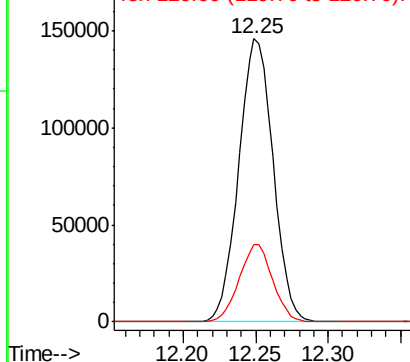
Lab File: VN053116.D

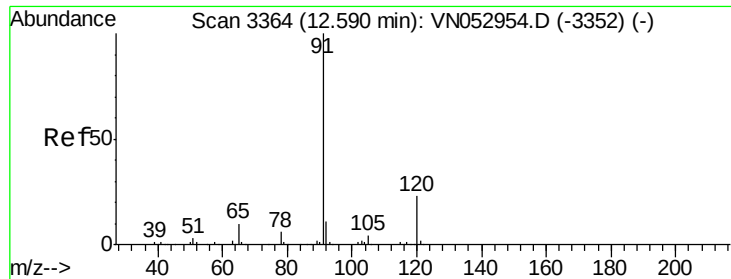
Acq: 21 Dec 2018 21:36

Tgt Ion:	105	Resp:	240394
Ion Ratio	Lower	Upper	
105	100		
120	26.5	13.3	39.9



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





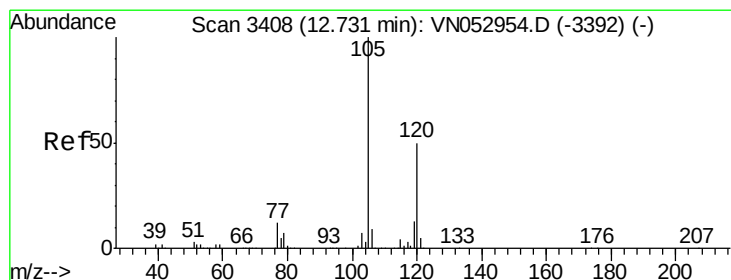
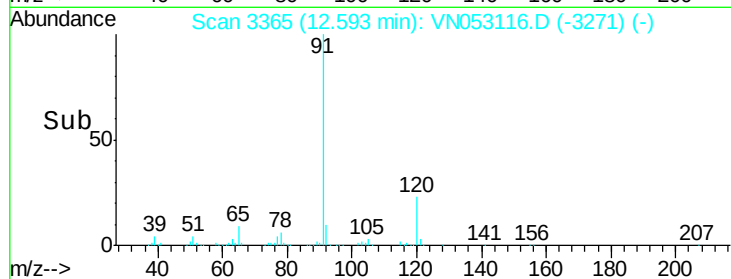
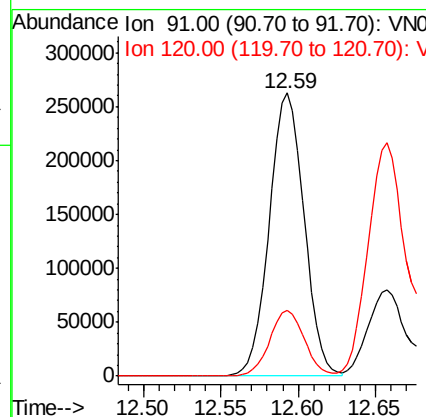
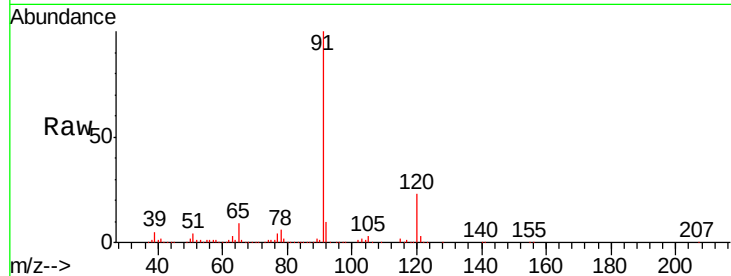
#78
n-propylbenzene
Concen: 5.868 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053116.D
Acq: 21 Dec 2018 21:36

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)MEDL

Tgt Ion: 91 Resp: 411111
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5

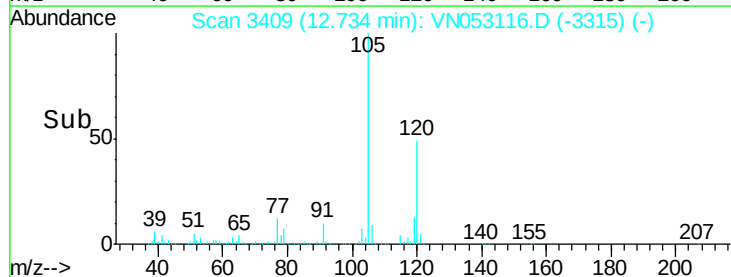
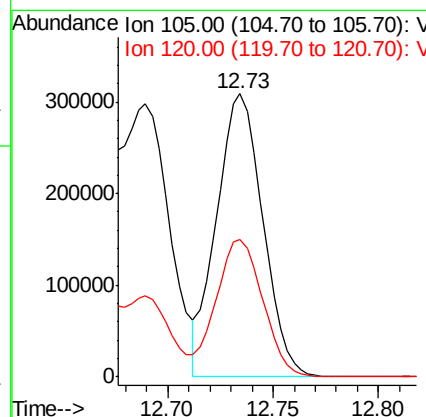
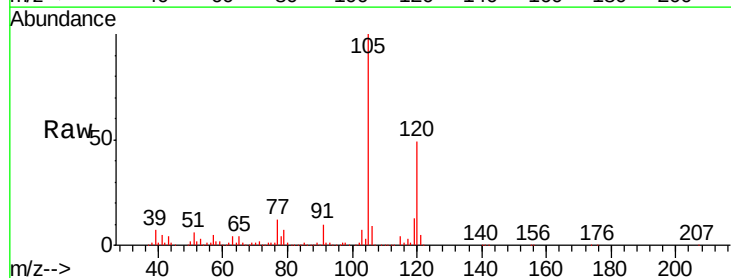
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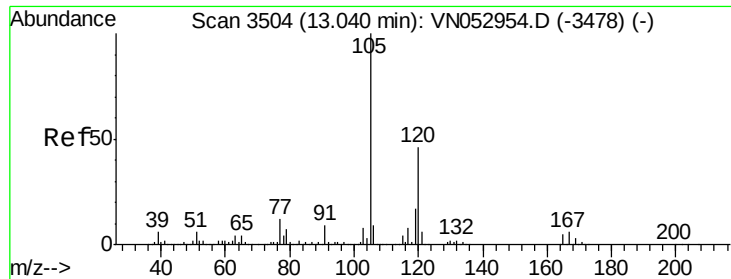
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#80
1,3,5-Trimethylbenzene
Concen: 9.391 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053116.D
Acq: 21 Dec 2018 21:36

Tgt Ion: 105 Resp: 470871
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.2





#84

1,2,4-Trimethylbenzene

Concen: 32.161 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053116.D

Acq: 21 Dec 2018 21:36

Instrument :

MSVOA_N

ClientSampleId :

KY001SB104-121218(20-22)MEDL

Tgt Ion:105 Resp: 1621144

Ion Ratio Lower Upper

105 100

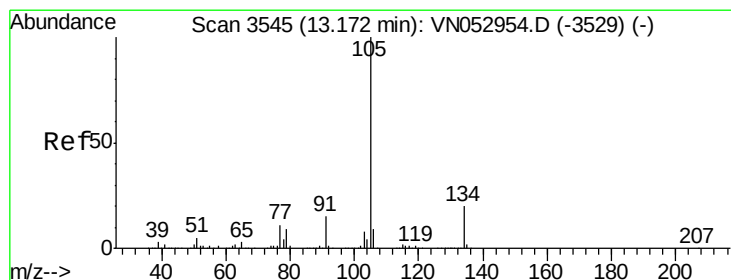
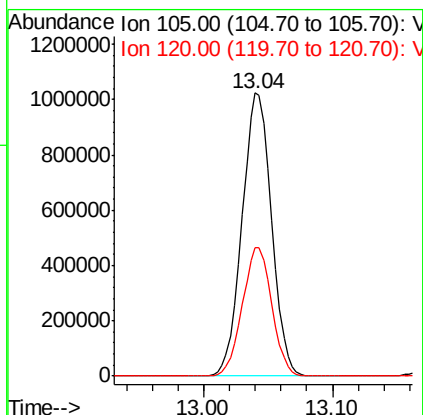
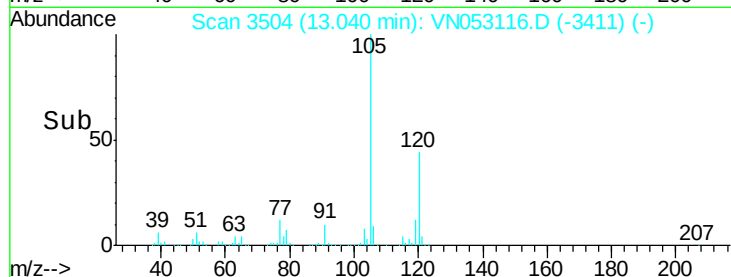
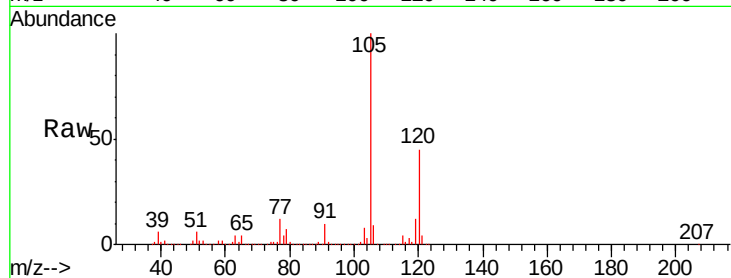
120 45.7 22.9 68.8

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#85

sec-Butylbenzene

Concen: 0.629 ug/l m

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053116.D

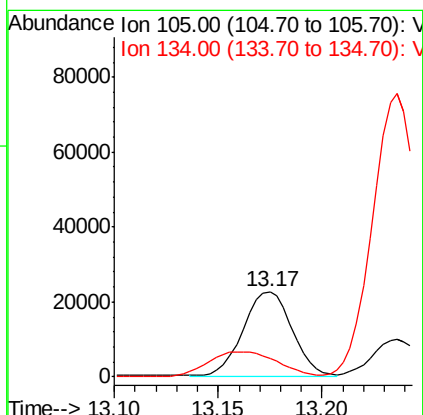
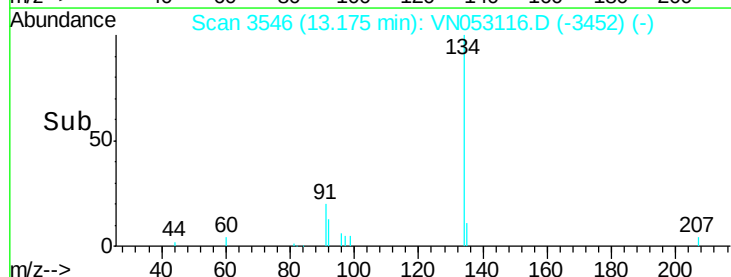
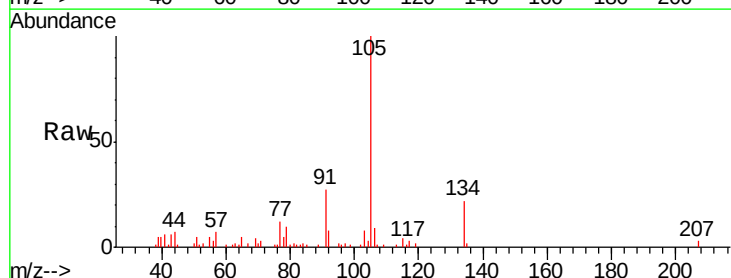
Acq: 21 Dec 2018 21:36

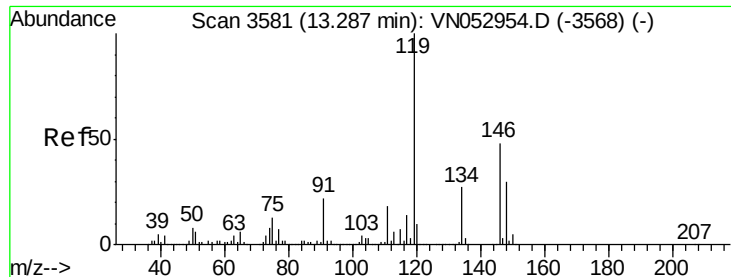
Tgt Ion:105 Resp: 37742

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.3#





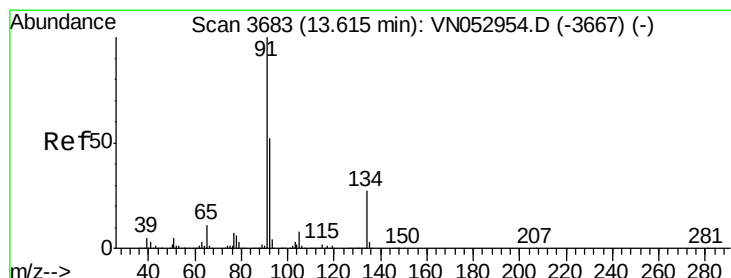
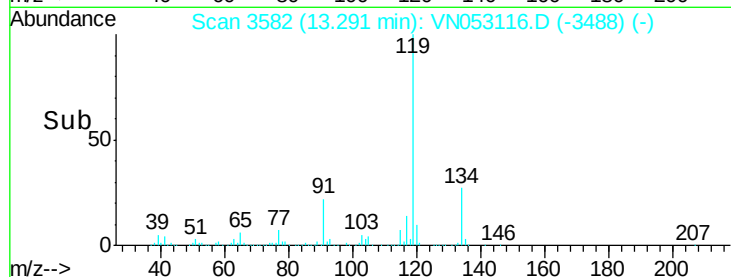
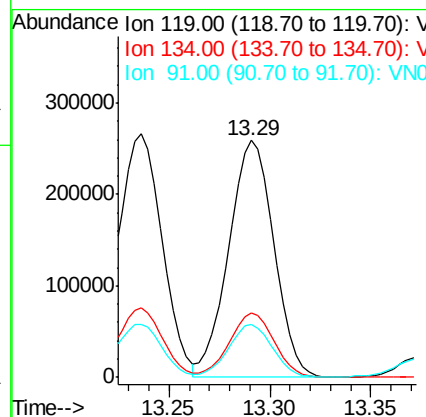
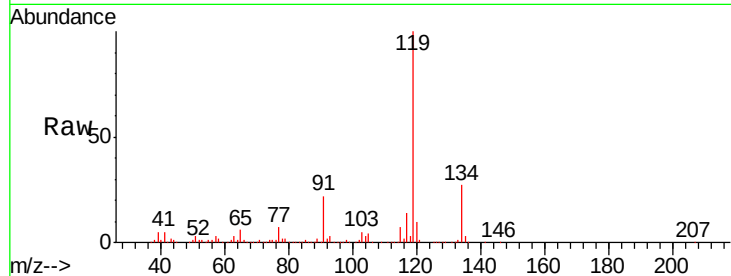
#86
p-Isopropyltoluene
Concen: 7.815 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053116.D
Acq: 21 Dec 2018 21:36

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)MEDL

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	21.5	11.1	33.3

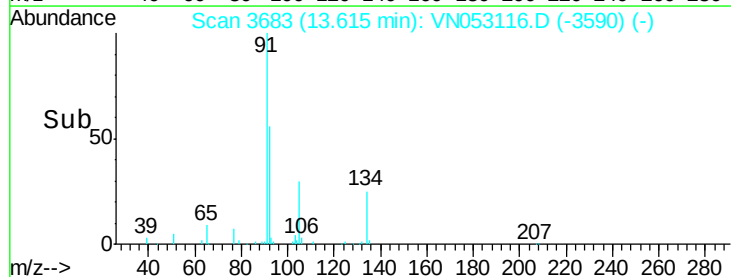
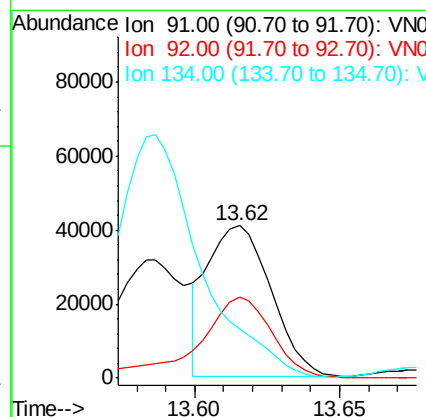
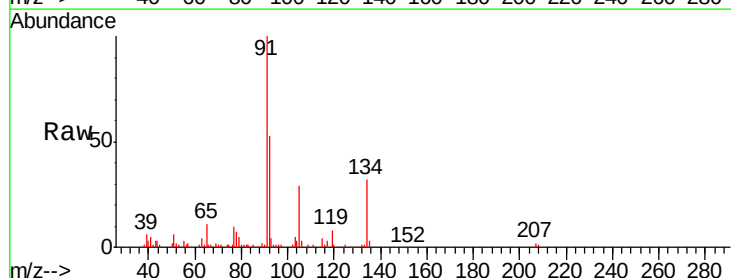
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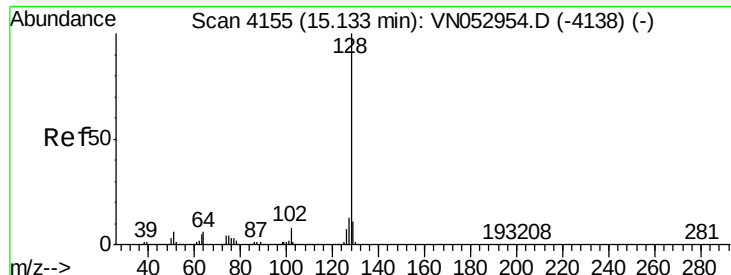
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#89
n-Butylbenzene
Concen: 1.382 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053116.D
Acq: 21 Dec 2018 21:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.8	26.3	78.9
134	0.0	13.3	39.8#





#95
Naphthalene
Concen: 5.785 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053116.D
Acq: 21 Dec 2018 21:36

Instrument :
MSVOA_N
ClientSampleId :
KY001SB104-121218(20-22)MEDL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	11.1	8.6	13.0

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