

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053107.D
 Acq On : 21 Dec 2018 17:34
 Operator : MD\SY
 Sample : J6392-08ME
 Misc : 5.40g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 KY001SB103-121118-(25-27)ME

Quant Time: Dec 22 10:18:25 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

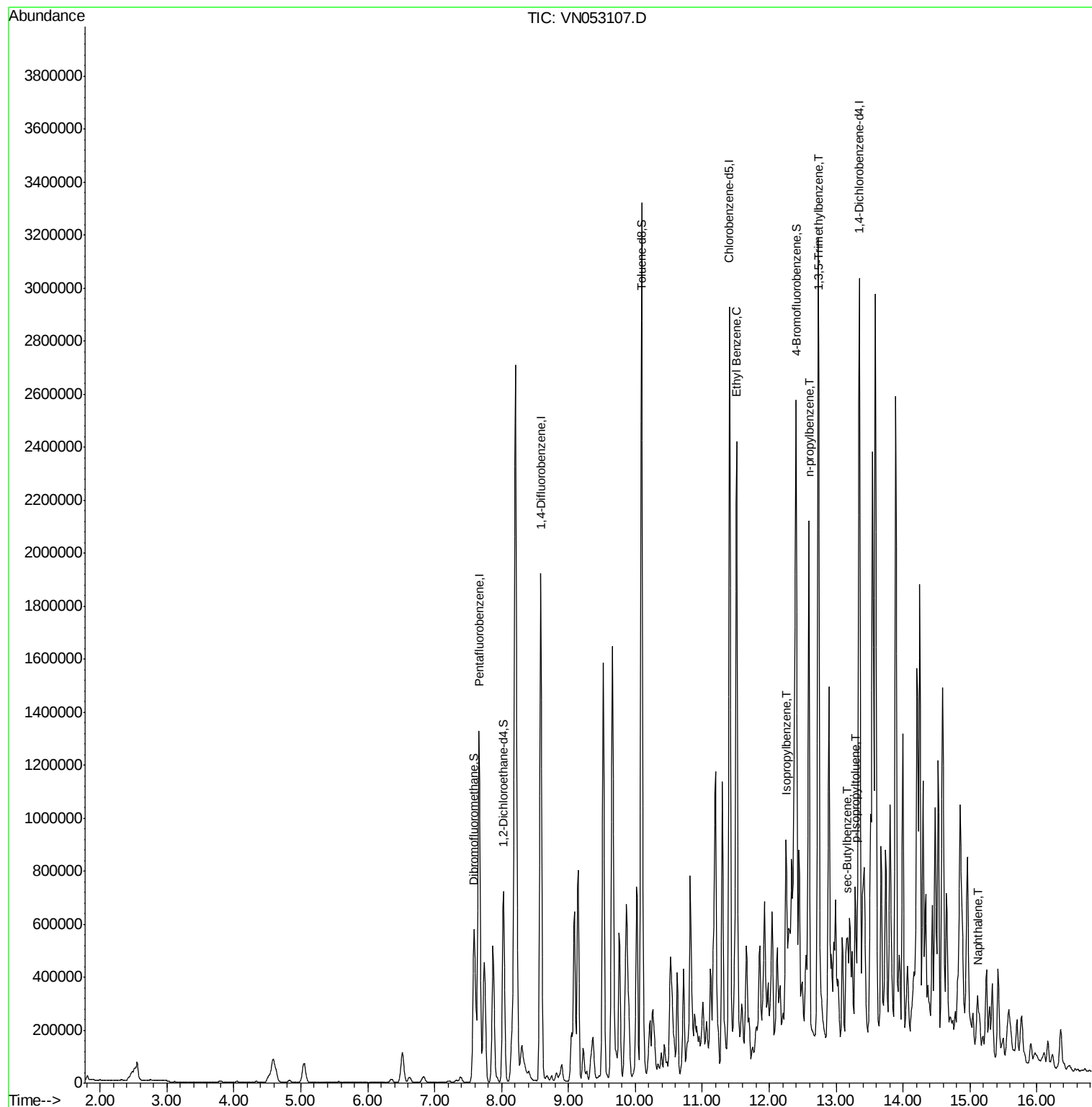
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1141660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1740519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1605948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	746474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	566654	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.59	113	443133	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	
50) Toluene-d8	10.09	98	2169110	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	755844	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.51	91	1655475	27.041	ug/l	100
73) Isopropylbenzene	12.25	105	540034	9.246	ug/l	99
78) n-propylbenzene	12.59	91	1511511	22.723	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1541386	32.379	ug/l	99
85) sec-Butylbenzene	13.17	105	166555	2.925	ug/l #	46
86) p-Isopropyltoluene	13.29	119	89794	1.825	ug/l	99
95) Naphthalene	15.14	128	39205	2.452	ug/l #	90

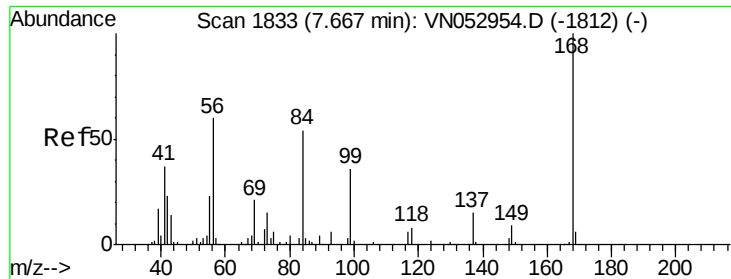
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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KY001SB103-121118-(25-27)ME

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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: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053107.D

Acq: 21 Dec 2018 17:34

Instrument :

MSVOA_N

ClientSampleId :

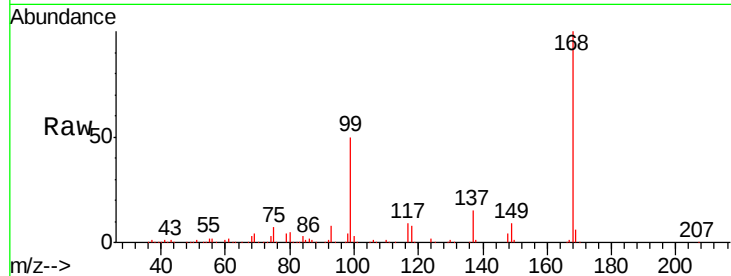
KY001SB103-121118-(25-27)ME

Tgt Ion:168 Resp: 1141660

Ion Ratio Lower Upper

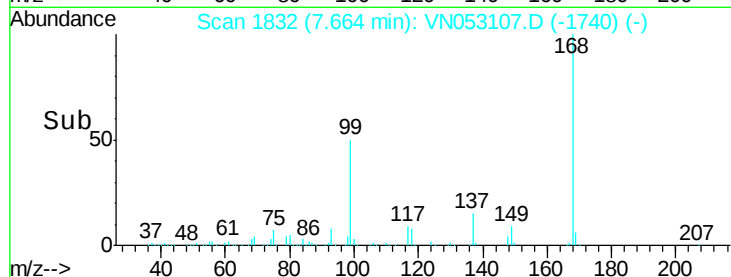
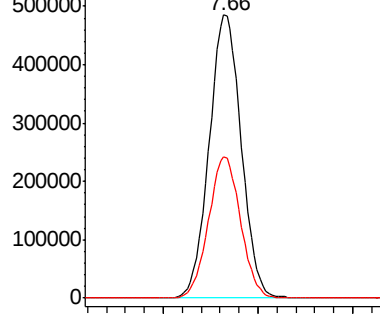
168 100

99 50.0 40.2 60.2

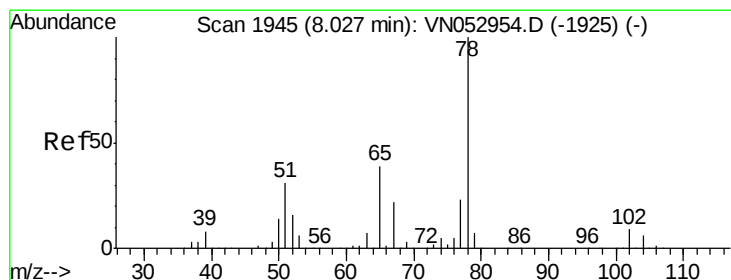


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053107.D

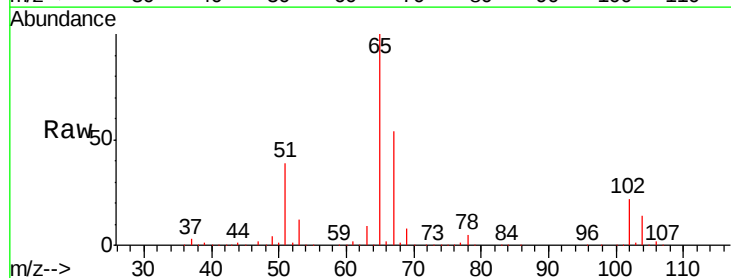
Acq: 21 Dec 2018 17:34

Tgt Ion: 65 Resp: 566654

Ion Ratio Lower Upper

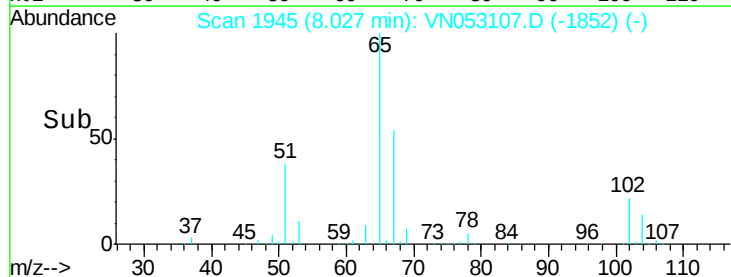
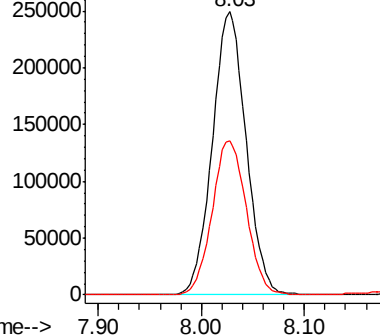
65 100

67 55.3 0.0 110.4

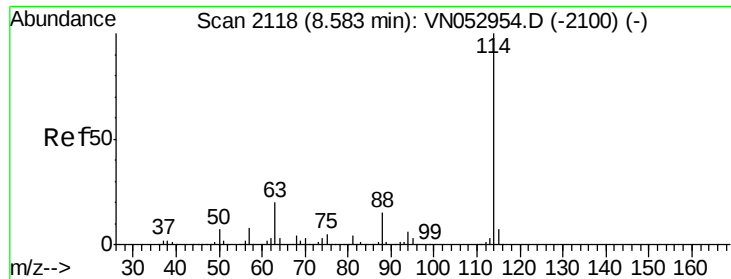


Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO



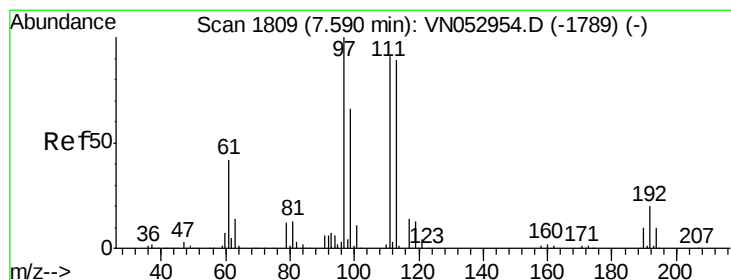
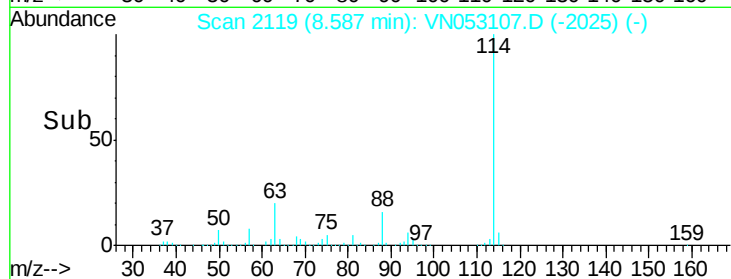
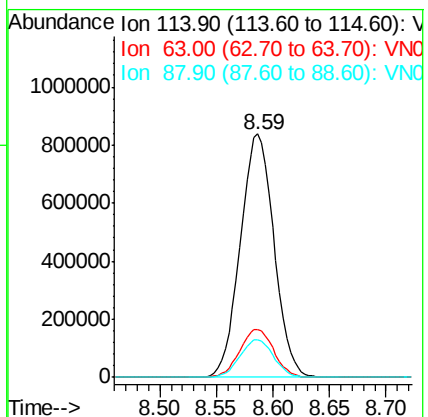
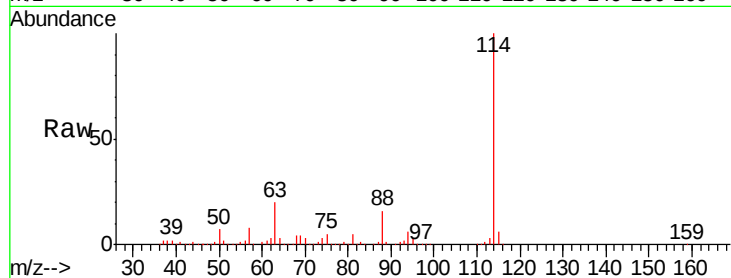
Time-->



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053107.D
Acq: 21 Dec 2018 17:34

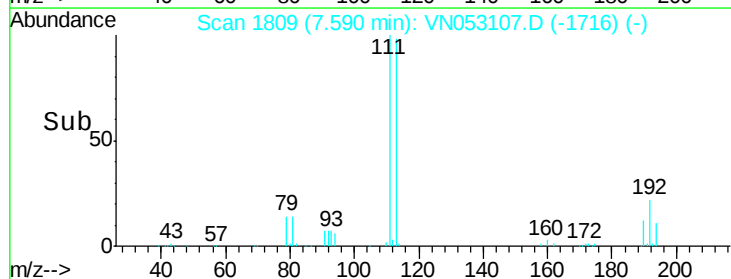
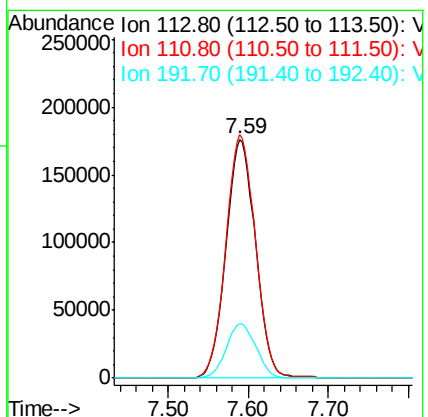
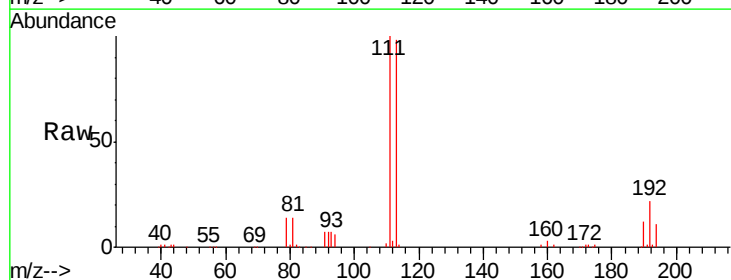
Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(25-27)ME

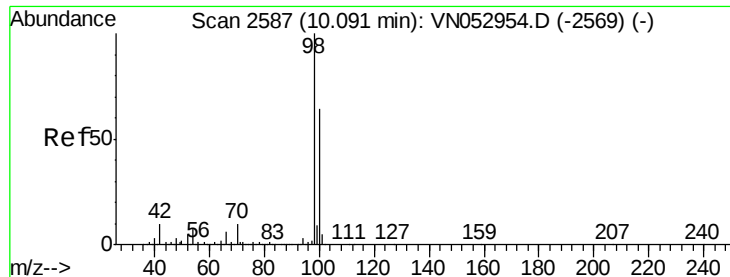
Tgt Ion:114 Resp: 1740519
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.8
88 15.6 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN053107.D
Acq: 21 Dec 2018 17:34

Tgt Ion:113 Resp: 443133
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.4
192 22.9 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: VN053107.D

Acq: 21 Dec 2018 17:34

Instrument :

MSVOA_N

ClientSampleId :

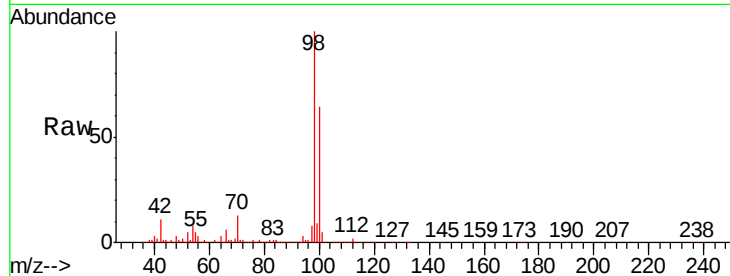
KY001SB103-121118-(25-27)ME

Tgt Ion: 98 Resp: 2169110

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053107.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053107.D (-2494) (-)

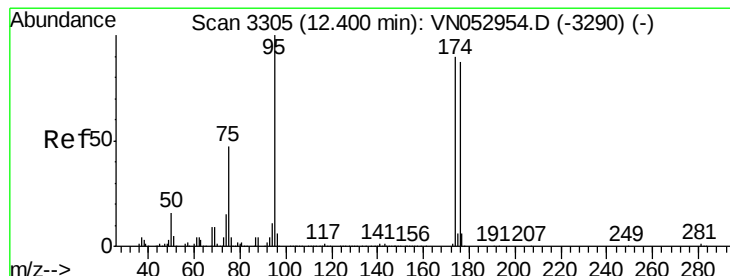
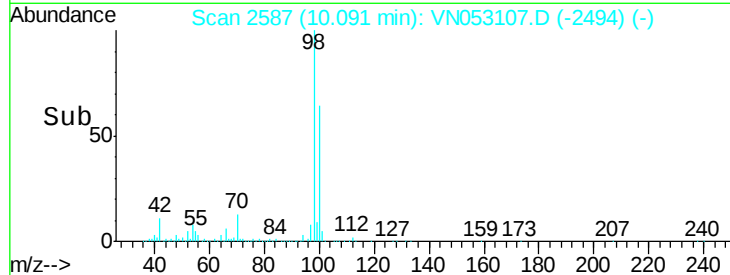
10.09

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053107.D

Acq: 21 Dec 2018 17:34

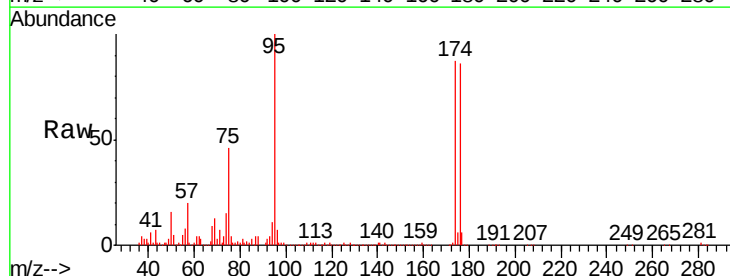
Tgt Ion: 95 Resp: 755844

Ion Ratio Lower Upper

95 100

174 87.5 0.0 178.8

176 85.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053107.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053107.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053107.D (-3212) (-)

600000

500000

400000

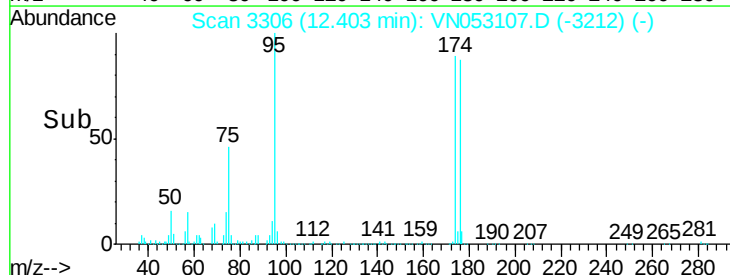
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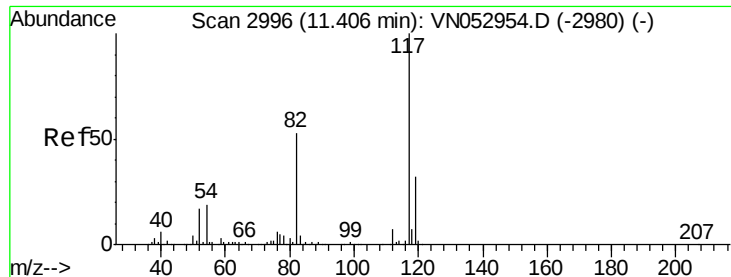
200000

100000

0

Time-->

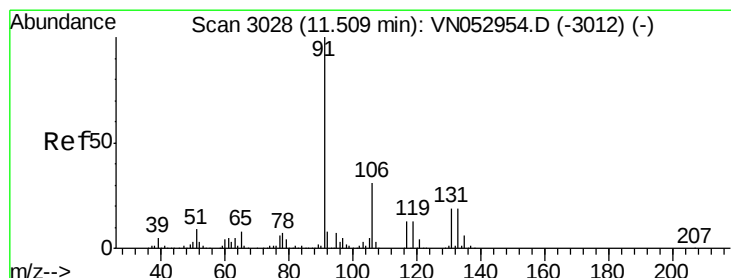
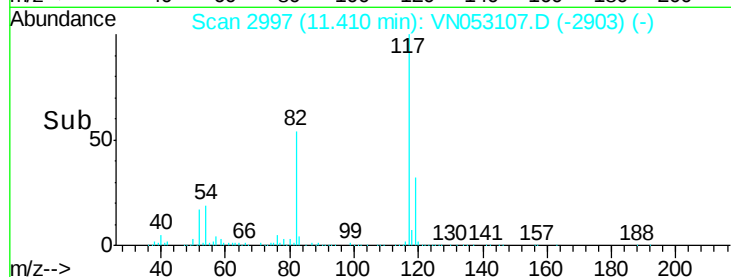
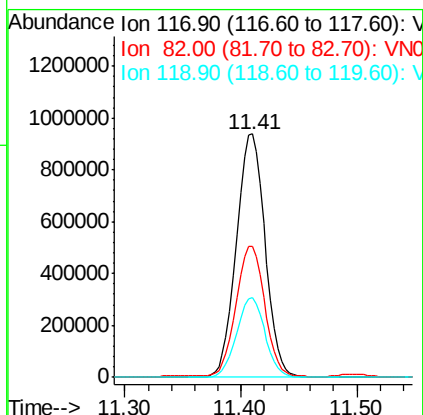
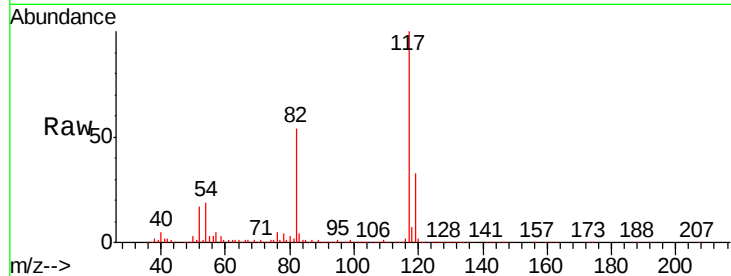




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053107.D
Acq: 21 Dec 2018 17:34

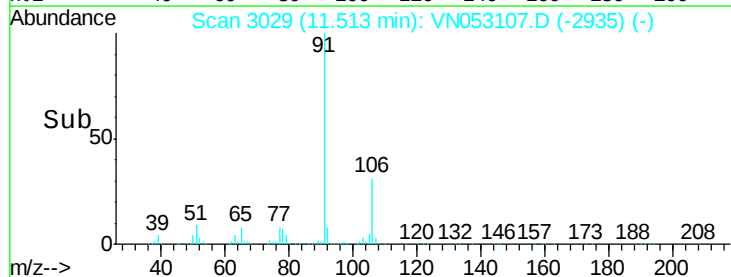
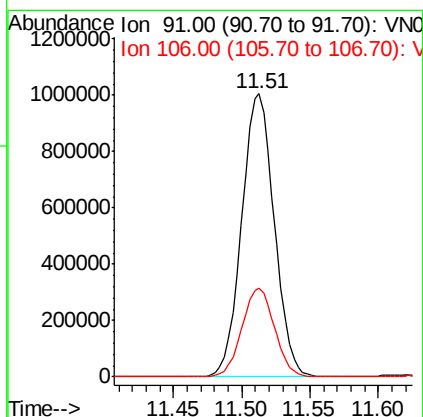
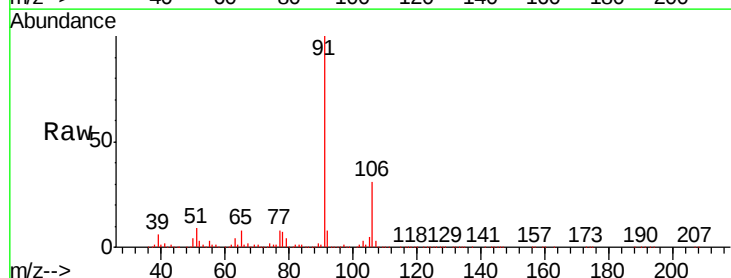
Instrument :
MSVOA_N
ClientSampleId :
KY001SB103-121118-(25-27)ME

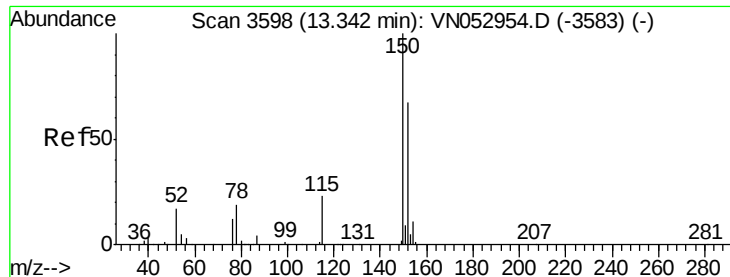
Tgt Ion:117 Resp: 1605948
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.6 25.5 38.3



#67
Ethyl Benzene
Concen: 27.041 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053107.D
Acq: 21 Dec 2018 17:34

Tgt Ion: 91 Resp: 1655475
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053107.D

Acq: 21 Dec 2018 17:34

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(25-27)ME

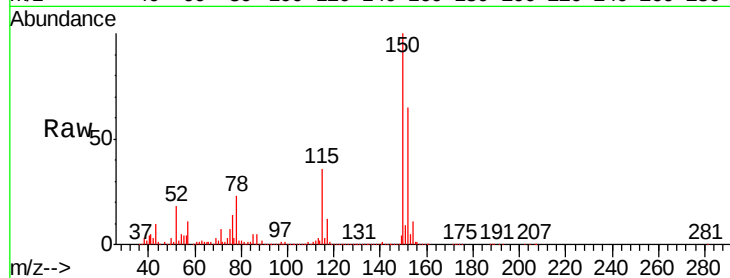
Tgt Ion:152 Resp: 746474

Ion Ratio Lower Upper

152 100

115 56.0 28.3 85.0

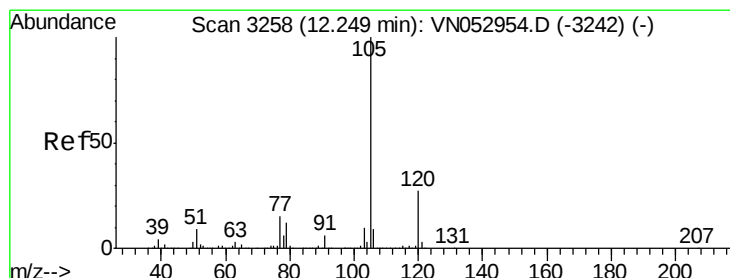
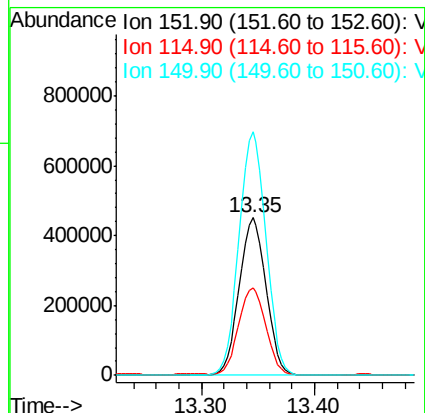
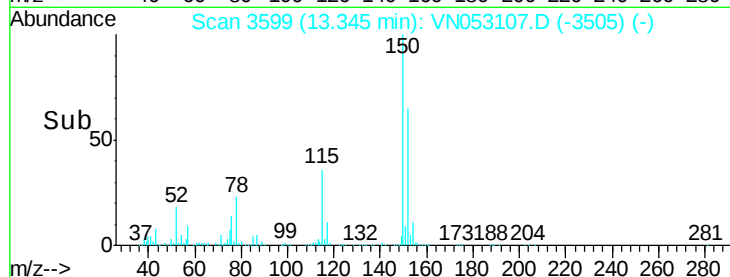
150 155.8 0.0 347.8



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: 9.246 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053107.D

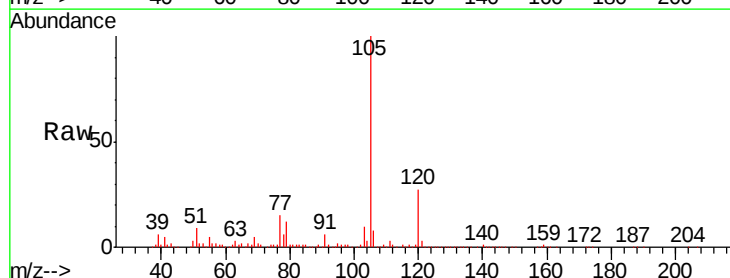
Acq: 21 Dec 2018 17:34

Tgt Ion:105 Resp: 540034

Ion Ratio Lower Upper

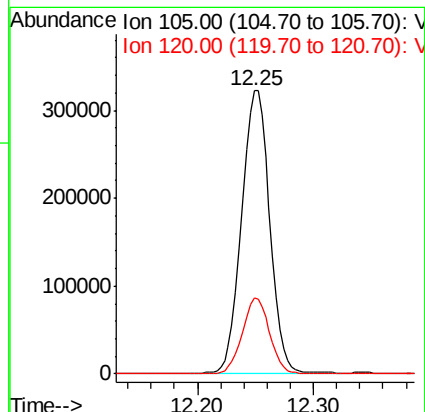
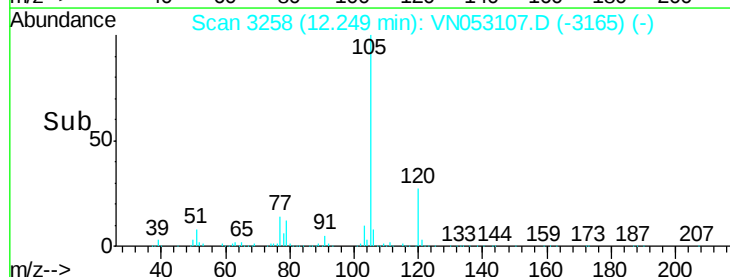
105 100

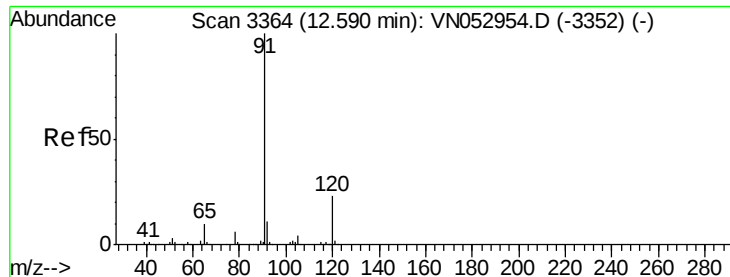
120 26.0 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 22.723 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053107.D

Acq: 21 Dec 2018 17:34

Instrument :

MSVOA_N

ClientSampleId :

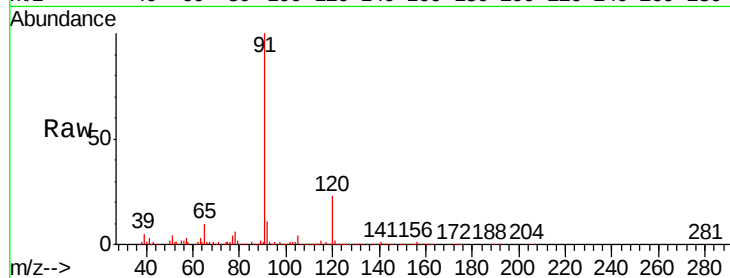
KY001SB103-121118-(25-27)ME

Tgt Ion: 91 Resp: 1511511

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN053107.D (-3271) (-)

Ion 120.00 (119.70 to 120.70): VN053107.D (-3271) (-)

12.59

1000000

800000

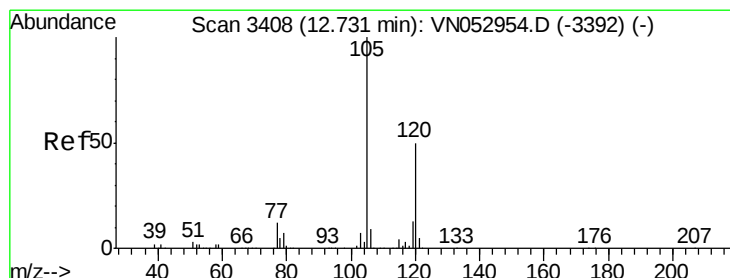
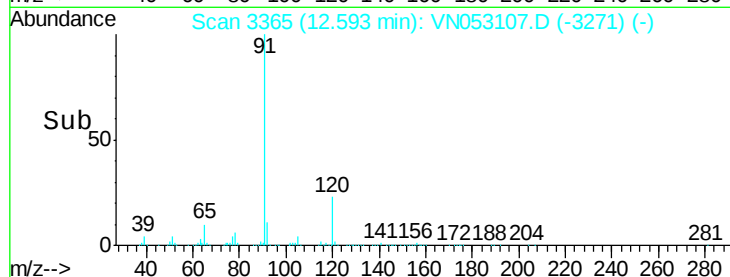
600000

400000

200000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 32.379 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053107.D

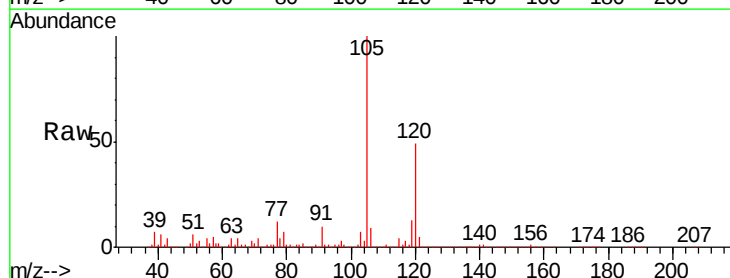
Acq: 21 Dec 2018 17:34

Tgt Ion: 105 Resp: 1541386

Ion Ratio Lower Upper

105 100

120 48.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN053107.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN053107.D (-3315) (-)

12.73

1000000

800000

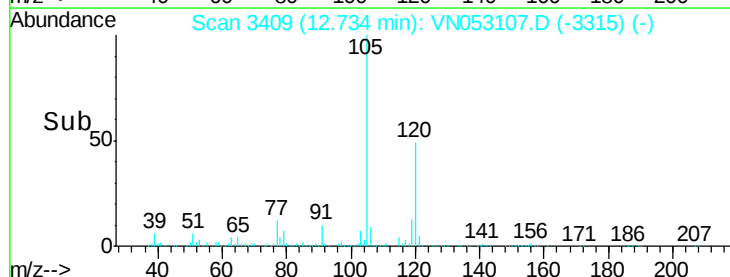
600000

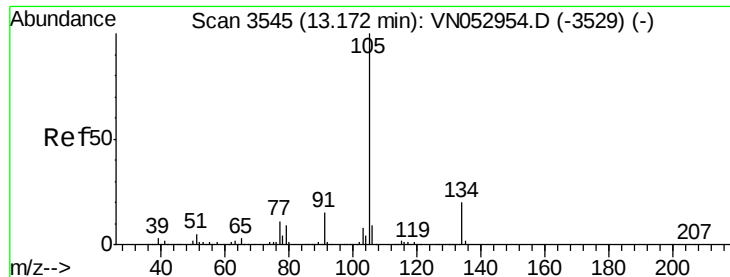
400000

200000

0

Time-->

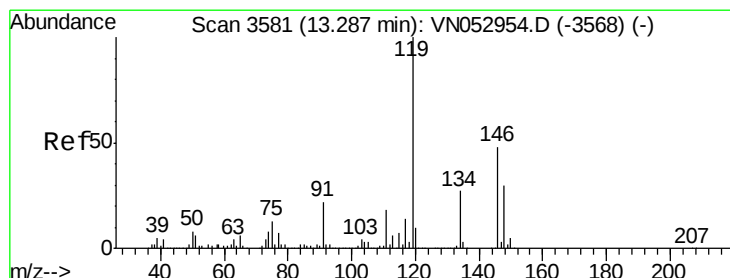
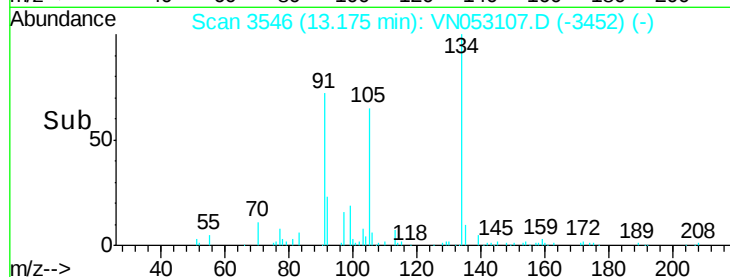
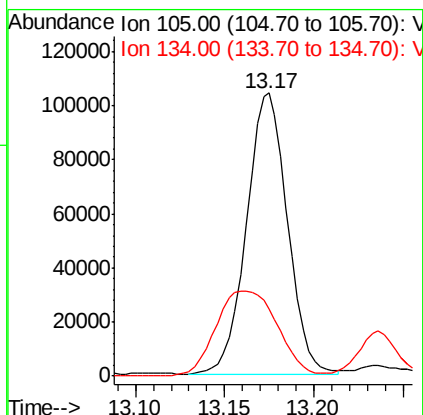
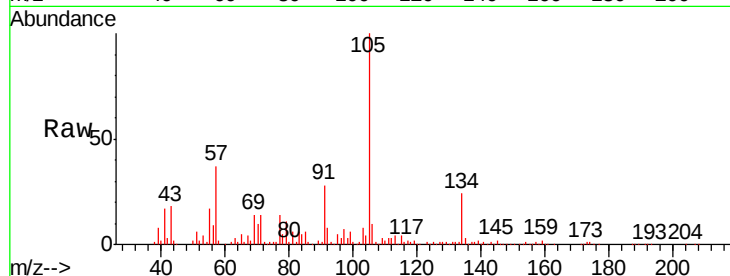




#85
 sec-Butylbenzene
 Concen: 2.925 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN053107.D
 Acq: 21 Dec 2018 17:34

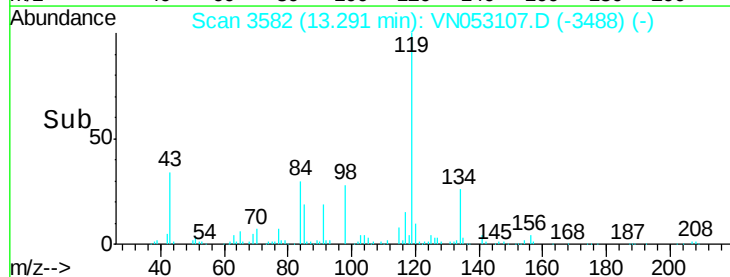
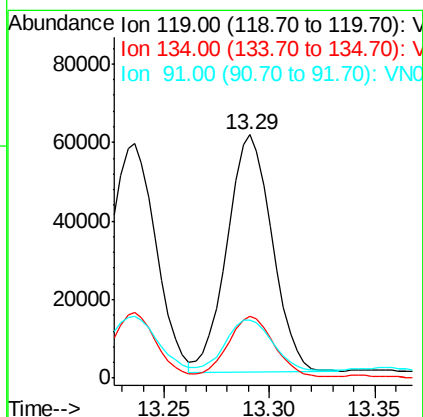
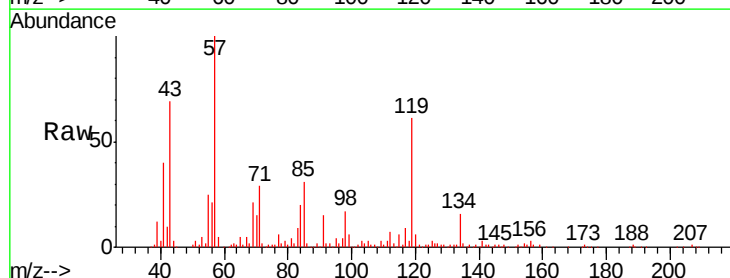
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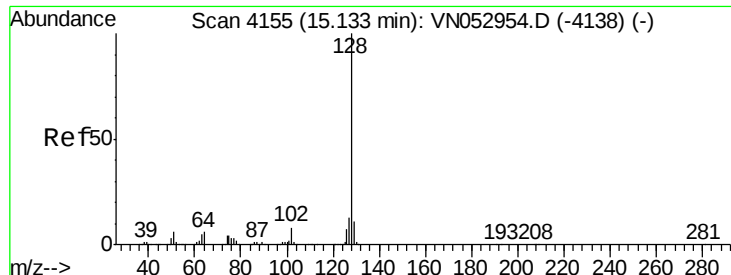
Tgt Ion:105 Resp: 166555
 Ion Ratio Lower Upper
 105 100
 134 45.3 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 1.825 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053107.D
 Acq: 21 Dec 2018 17:34

Tgt Ion:119 Resp: 89794
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.4 40.2
 91 22.2 11.1 33.3





#95

Naphthalene

Concen: 2.452 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053107.D

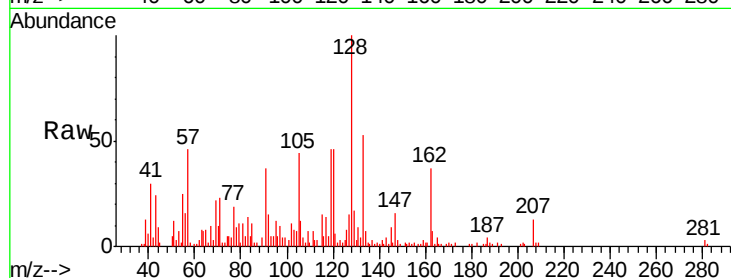
Acq: 21 Dec 2018 17:34

Instrument :

MSVOA_N

ClientSampleId :

KY001SB103-121118-(25-27)ME



Tgt Ion:	128	Resp:	39205
Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.2	15.4#
129	16.1	8.6	13.0#

