

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058283.D
 Acq On : 23 Sep 2019 11:51
 Operator : JC/SP
 Sample : K4662-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-091819

Quant Time: Sep 23 13:11:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

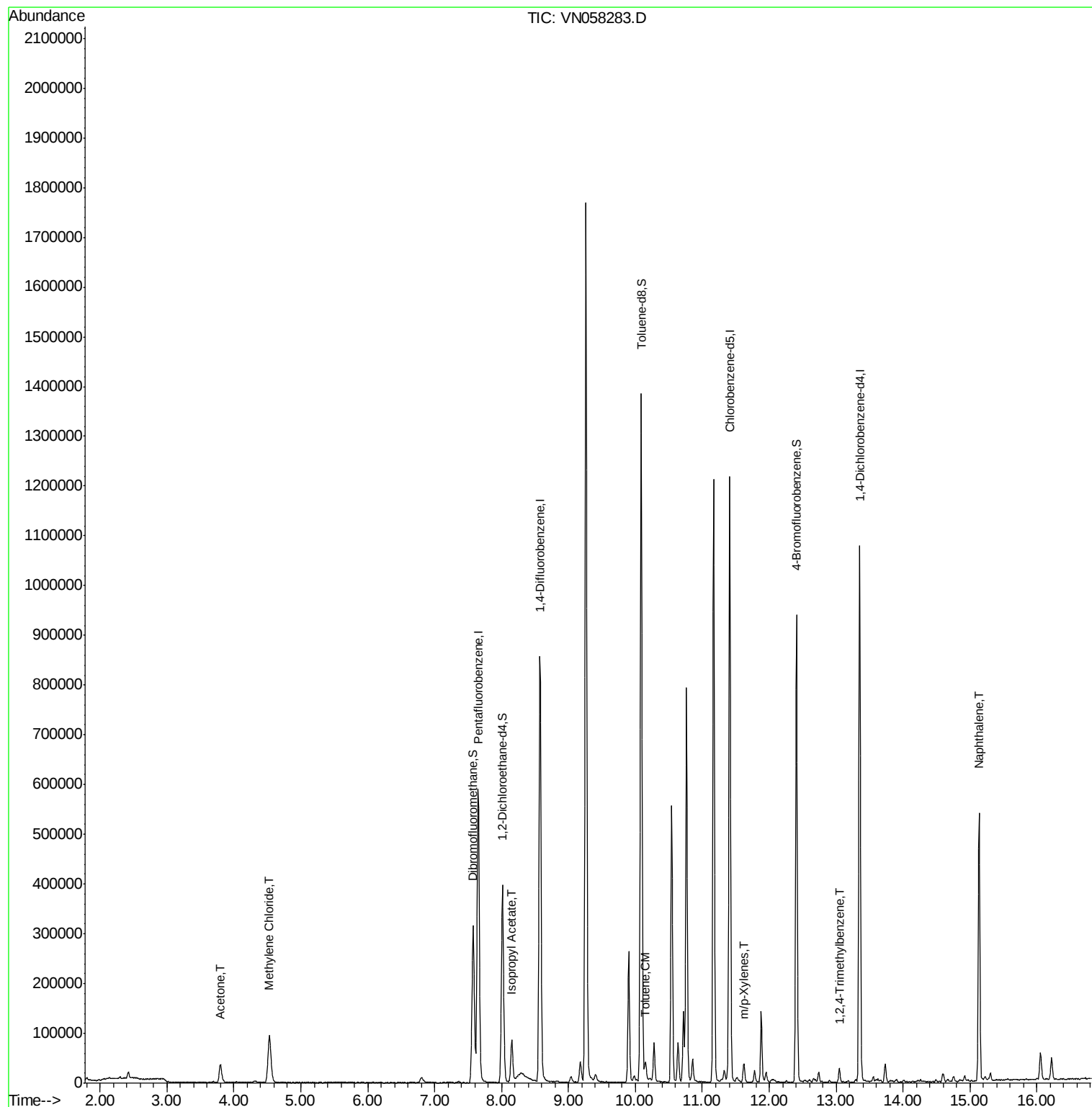
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	460868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	750744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	658772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	338627	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
35) Dibromofluoromethane	7.58	113	233708	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
50) Toluene-d8	10.08	98	963501	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
62) 4-Bromofluorobenzene	12.41	95	311710	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
16) Acetone	3.80	43	62718	28.785	ug/l	98
20) Methylene Chloride	4.53	84	71051	18.486	ug/l	97
43) Isopropyl Acetate	8.15	43	103894	9.901	ug/l #	91
52) Toluene	10.15	92	15391	1.485	ug/l	95
68) m/p-Xylenes	11.62	106	11498	1.538	ug/l	96
84) 1,2,4-Trimethylbenzene	13.05	105	15626	1.111	ug/l	96
95) Naphthalene	15.14	128	417839	32.757	ug/l	99

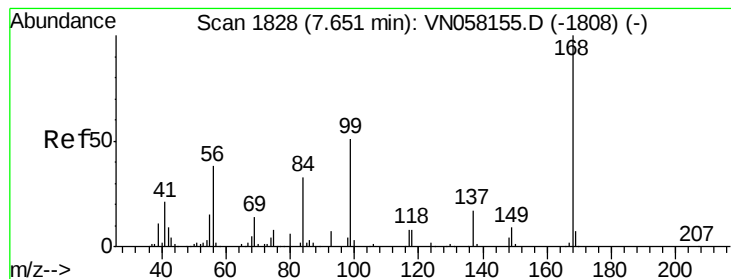
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058283.D

Acq: 23 Sep 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

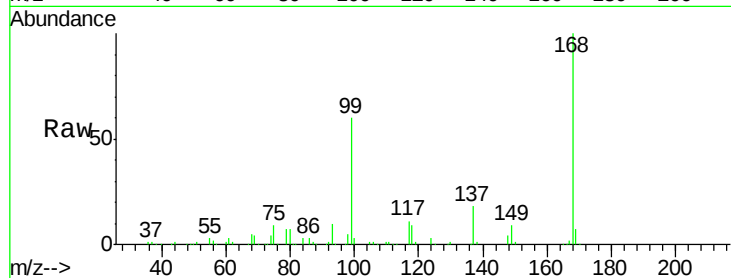
CL-02-091819

Tot Ion:168 Resp: 460868

Ion Ratio Lower Upper

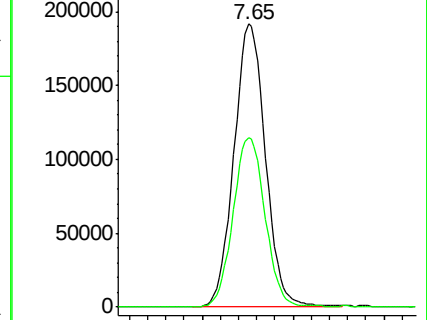
168 100

99 59.9 47.4 71.2

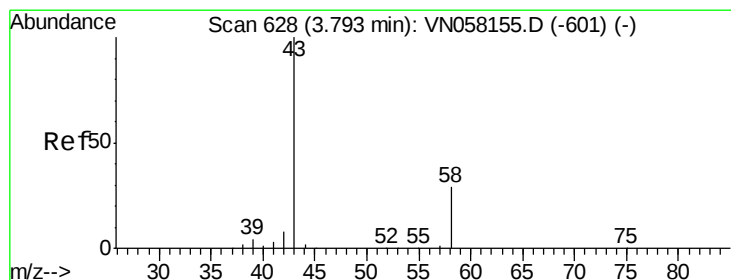
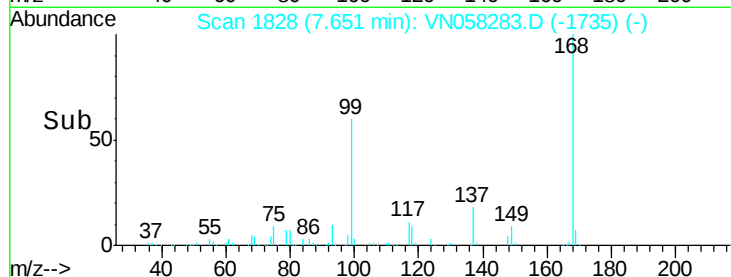


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



Time-->



#16

Acetone

Concen: 28.785 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058283.D

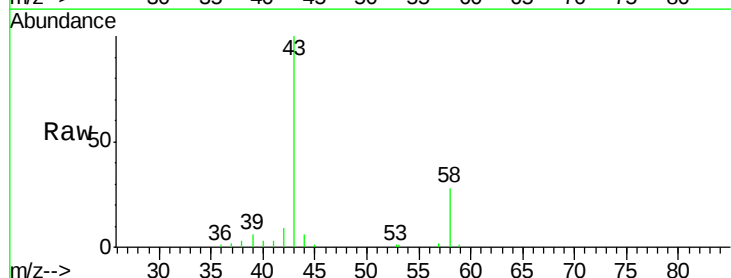
Acq: 23 Sep 2019 11:51

Tgt Ion: 43 Resp: 62718

Ion Ratio Lower Upper

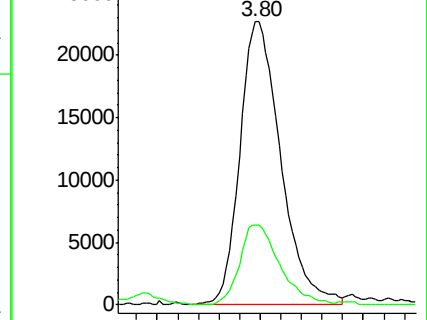
43 100

58 28.2 23.4 35.2

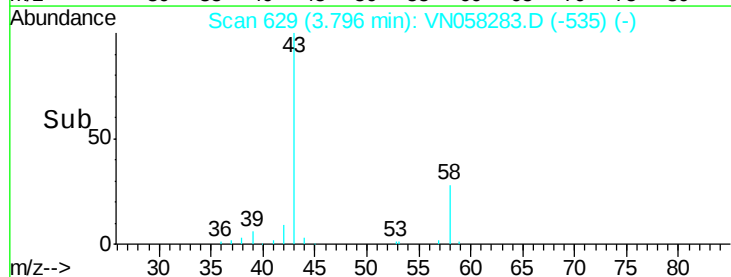


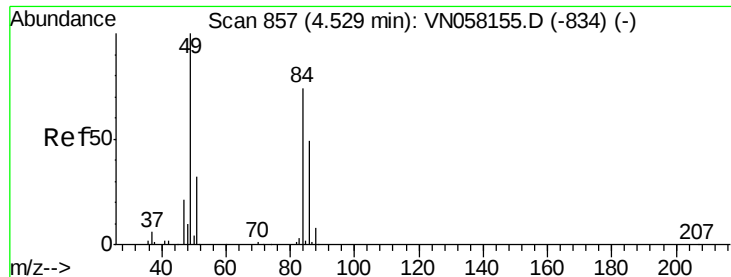
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



Time-->

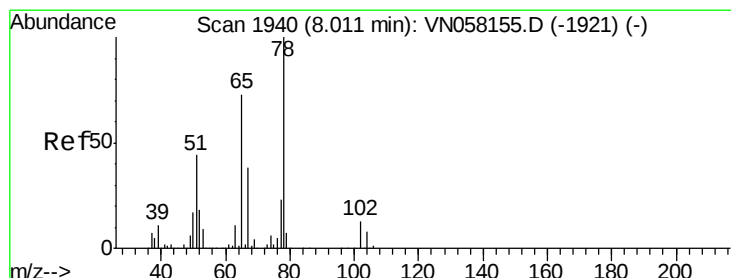
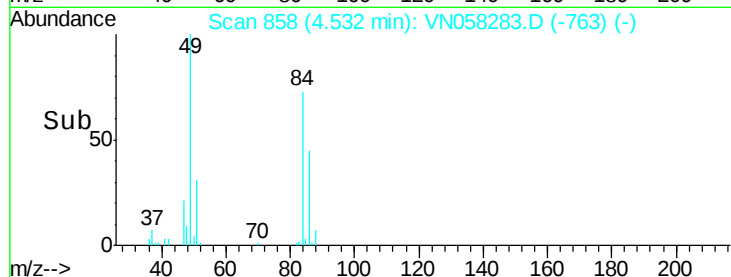
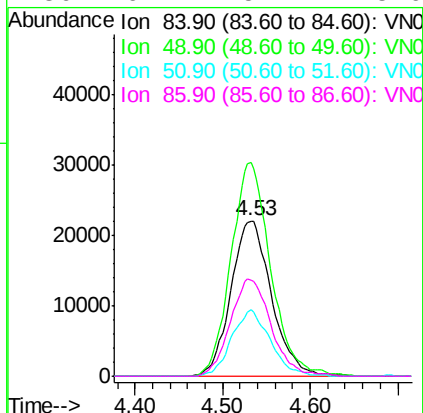
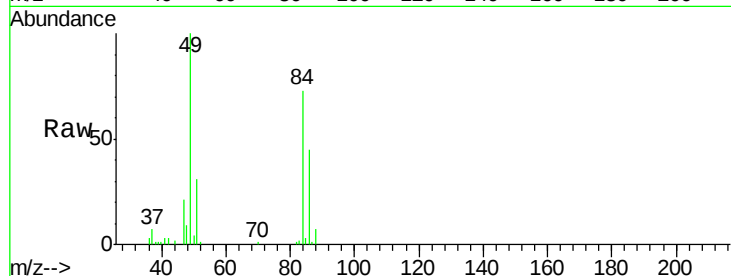




#20
Methylene Chloride
Concen: 18.486 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058283.D
Acq: 23 Sep 2019 11:51

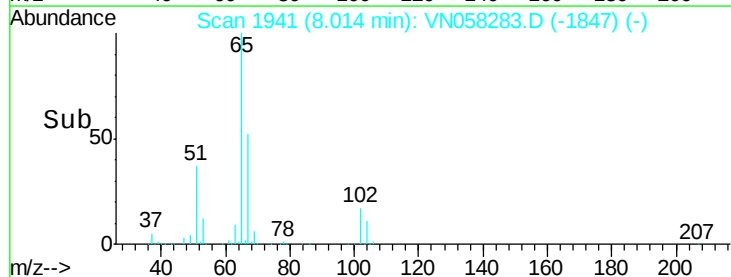
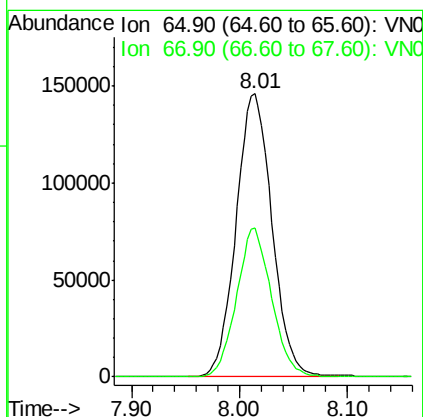
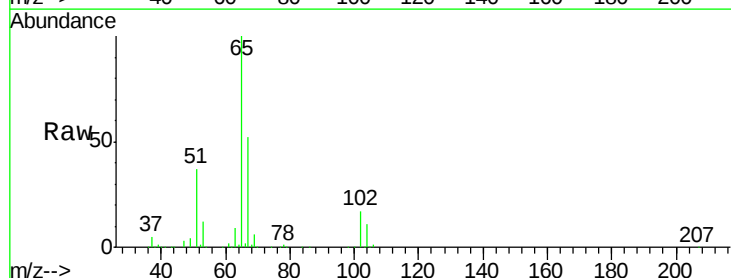
Instrument :
MSVOA_N
ClientSampleId :
CL-02-091819

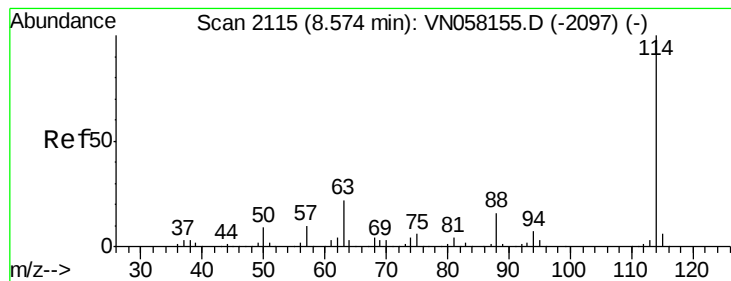
Tot Ion: 84 Resp: 71051
Ion Ratio Lower Upper
84 100
49 137.7 107.5 161.3
51 43.2 33.9 50.9
86 62.2 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 52.754 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058283.D
Acq: 23 Sep 2019 11:51

Tgt Ion: 65 Resp: 338627
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058283.D

Acq: 23 Sep 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-091819

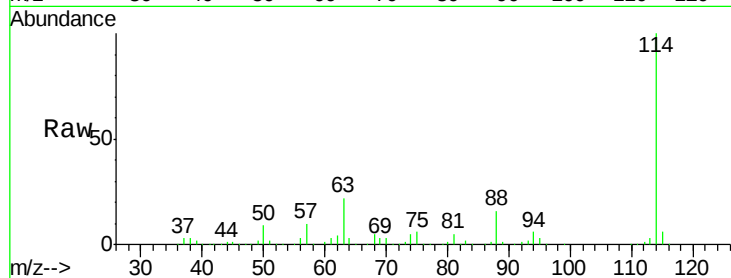
Tot Ion:114 Resp: 750744

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

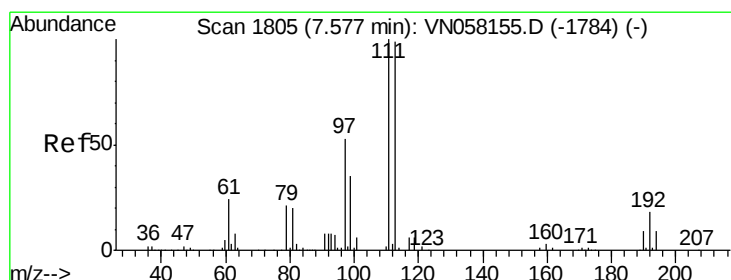
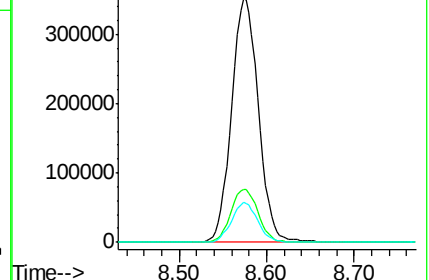
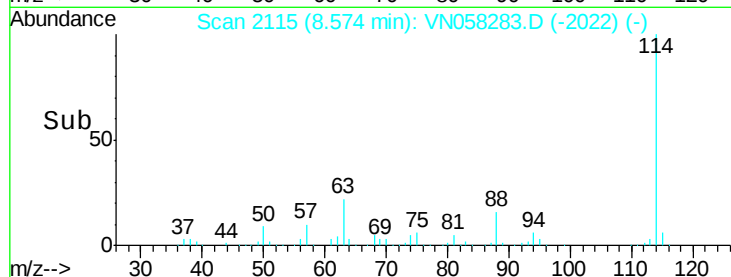
88 16.4 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.208 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058283.D

Acq: 23 Sep 2019 11:51

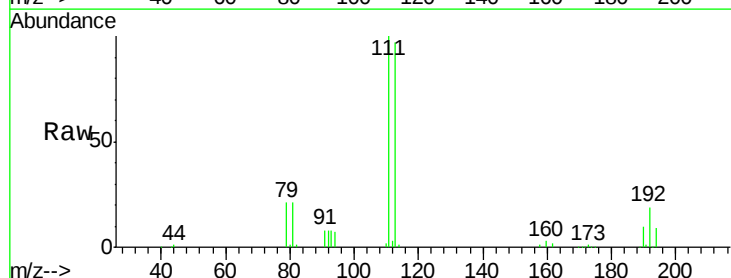
Tgt Ion:113 Resp: 233708

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.6

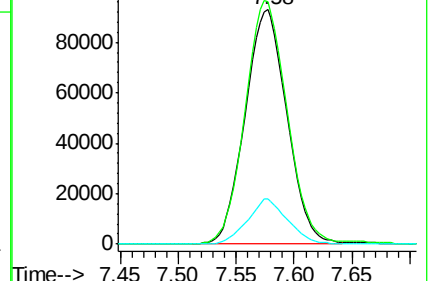
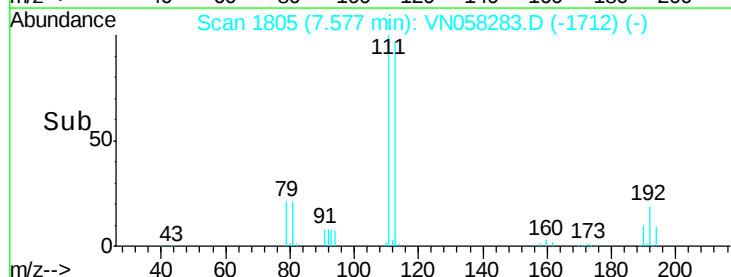
192 18.4 14.5 21.7

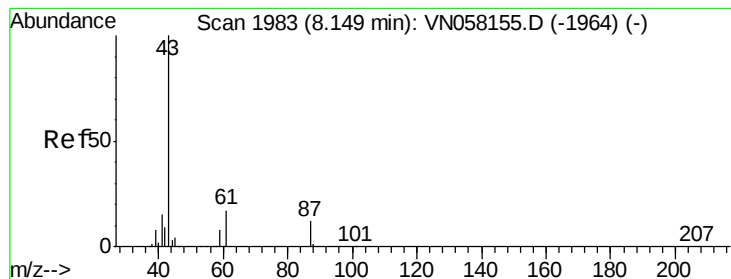


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.901 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058283.D

Acq: 23 Sep 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-091819

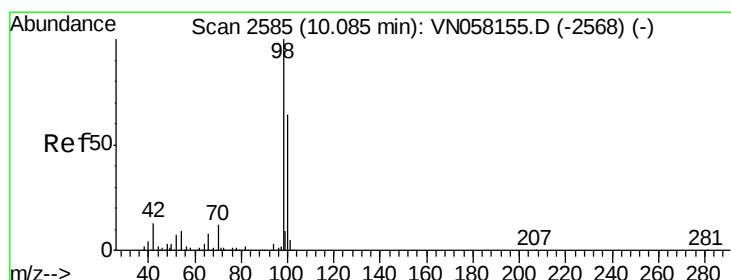
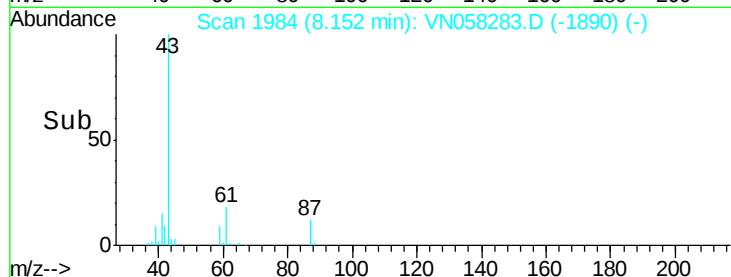
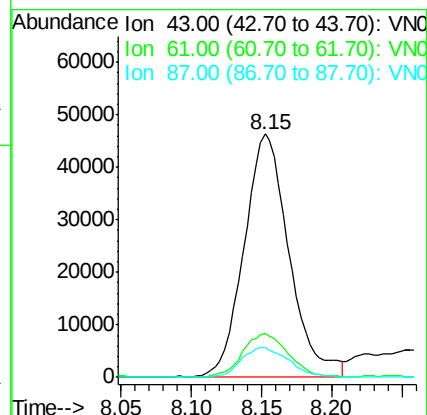
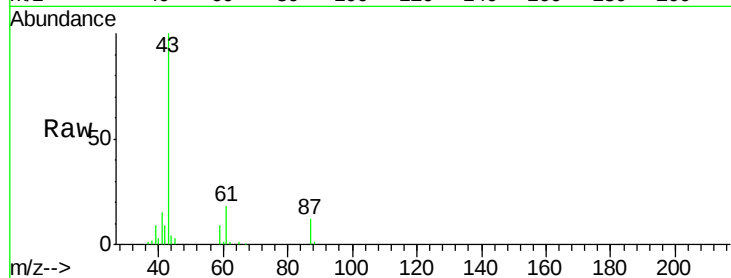
Tot Ion: 43 Resp: 103894

Ion Ratio Lower Upper

43 100

61 18.3 19.7 29.5#

87 12.9 9.4 14.2



#50

Toluene-d8

Concen: 54.184 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058283.D

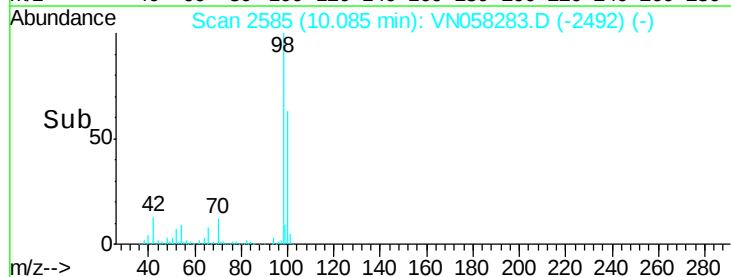
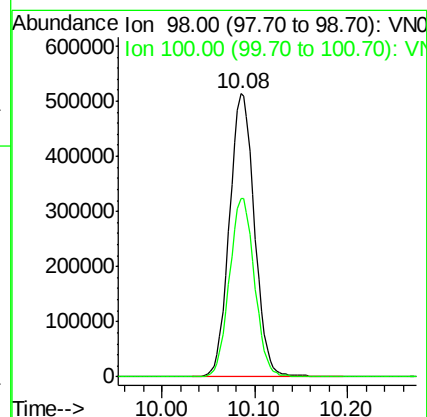
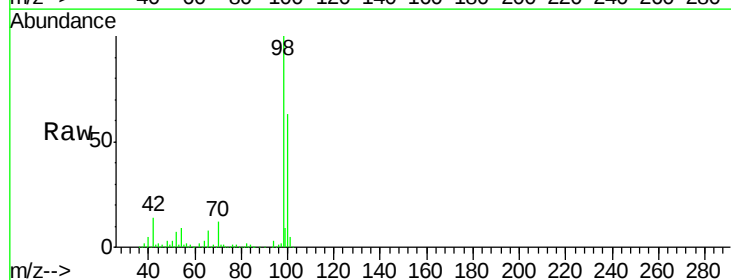
Acq: 23 Sep 2019 11:51

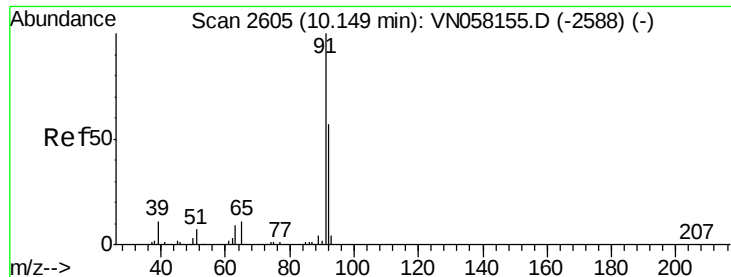
Tgt Ion: 98 Resp: 963501

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7





#52

Toluene

Concen: 1.485 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058283.D

Acq: 23 Sep 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

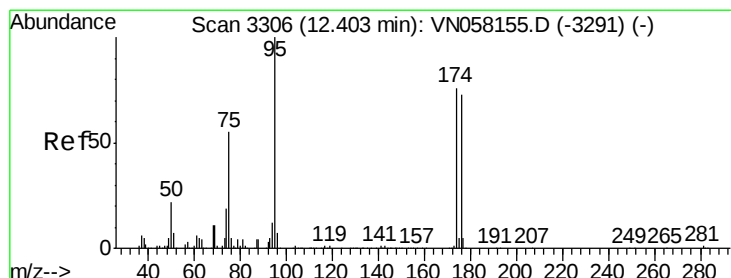
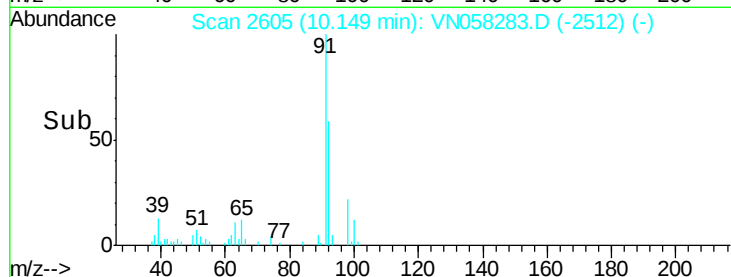
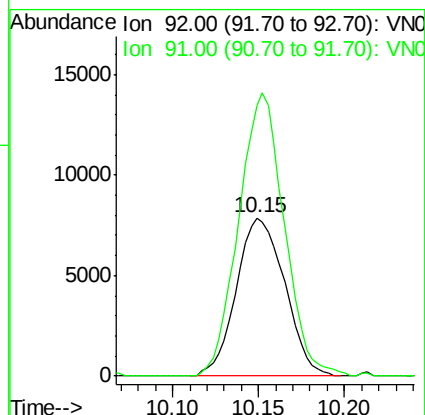
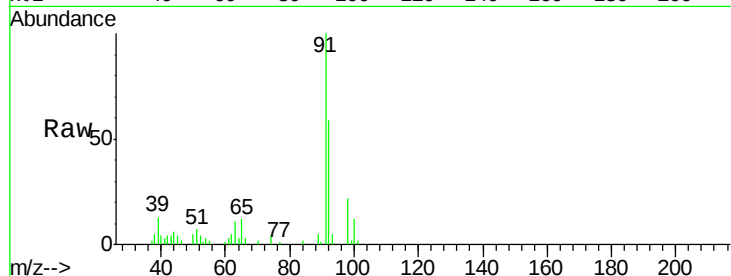
CL-02-091819

Tot Ion: 92 Resp: 15391

Ion Ratio Lower Upper

92 100

91 168.4 140.2 210.2



#62

4-Bromofluorobenzene

Concen: 47.191 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058283.D

Acq: 23 Sep 2019 11:51

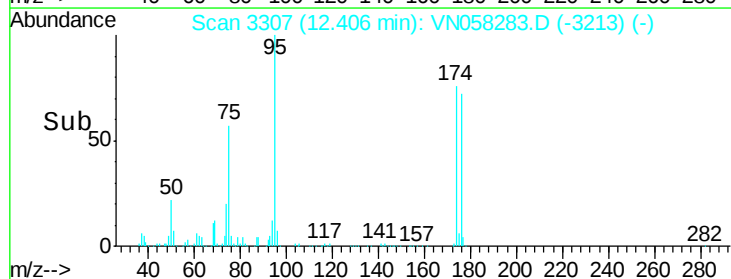
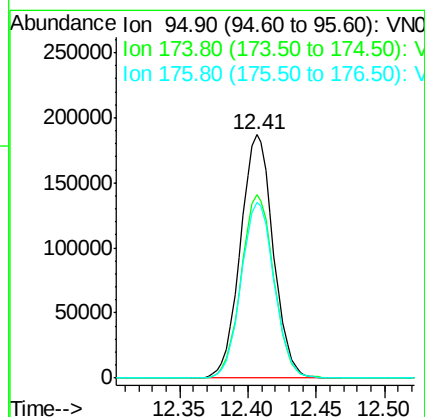
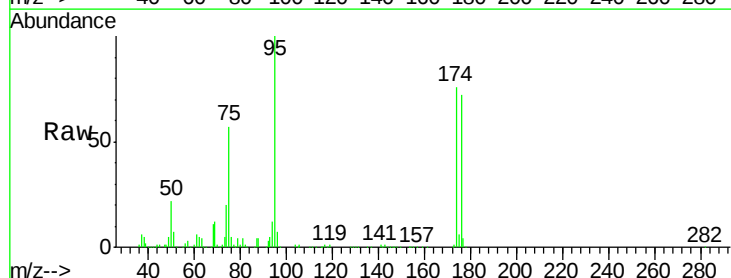
Tgt Ion: 95 Resp: 311710

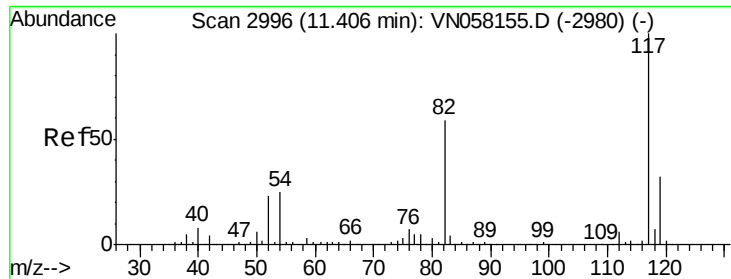
Ion Ratio Lower Upper

95 100

174 75.5 0.0 152.2

176 72.9 0.0 148.0

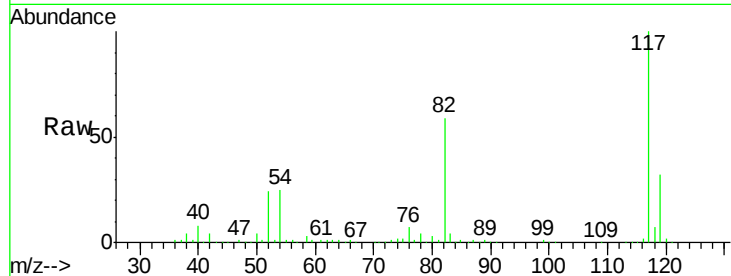




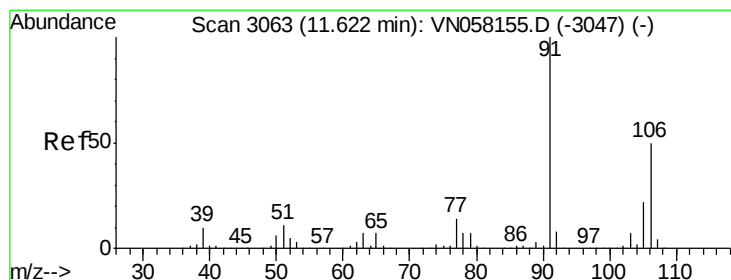
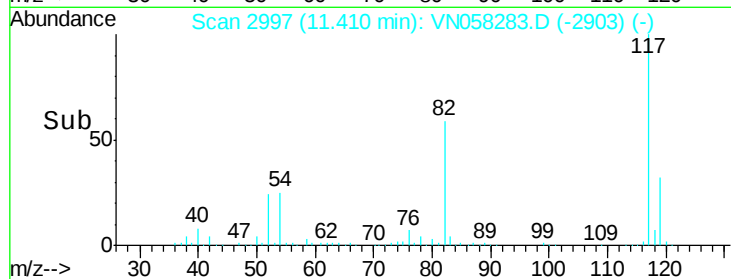
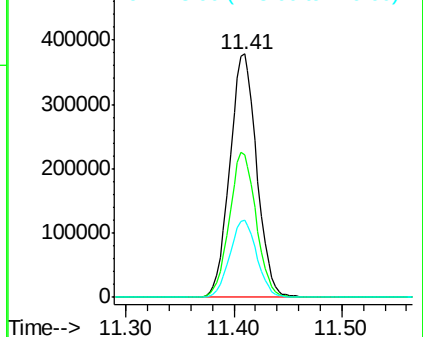
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058283.D
Acq: 23 Sep 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
CL-02-091819

Tot Ion:117 Resp: 658772
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 31.8 25.3 37.9

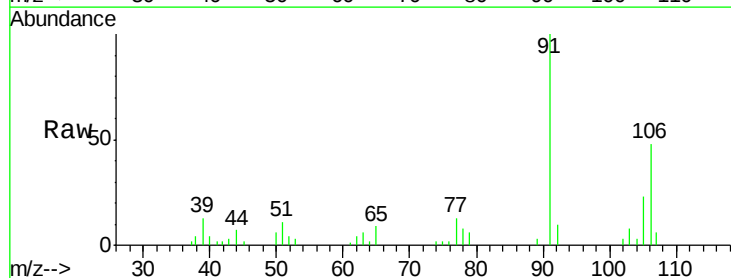


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

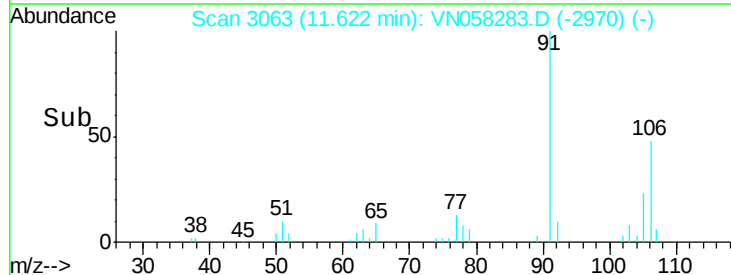
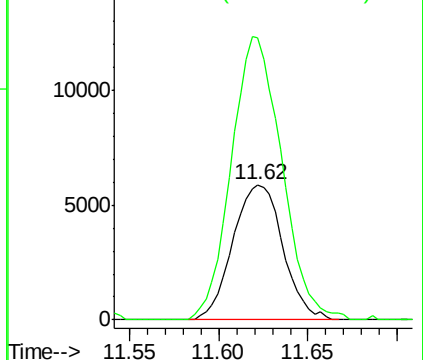


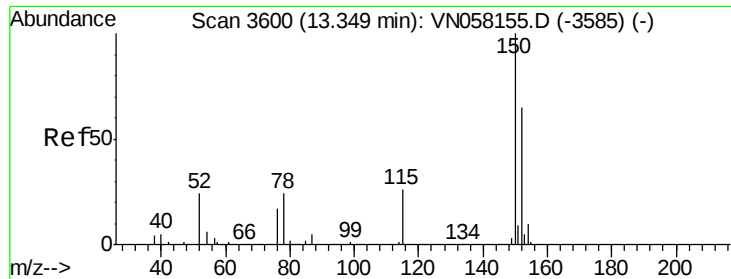
#68
m/p-Xylenes
Concen: 1.538 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058283.D
Acq: 23 Sep 2019 11:51

Tgt Ion:106 Resp: 11498
Ion Ratio Lower Upper
106 100
91 211.1 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058283.D

Acq: 23 Sep 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-091819

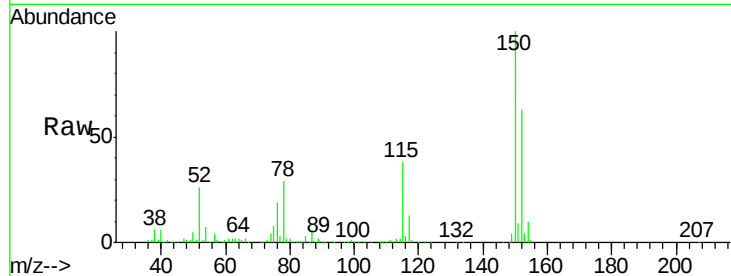
Tot Ion:152 Resp: 267043

Ion Ratio Lower Upper

152 100

115 60.9 30.1 90.3

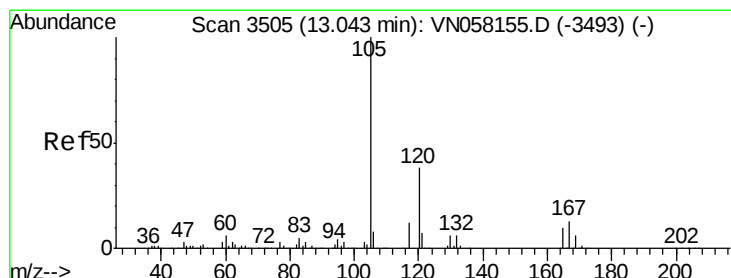
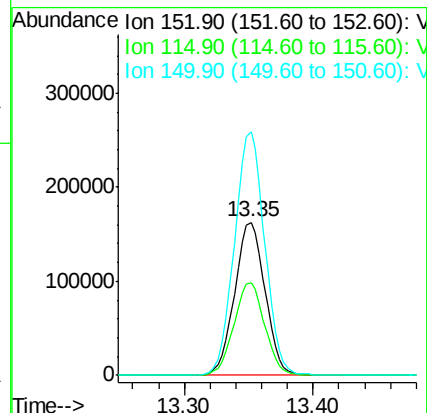
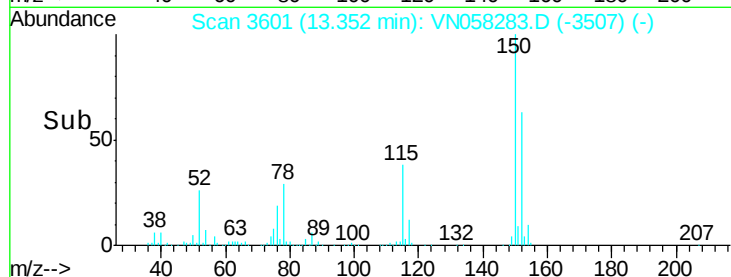
150 157.7 0.0 346.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.111 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058283.D

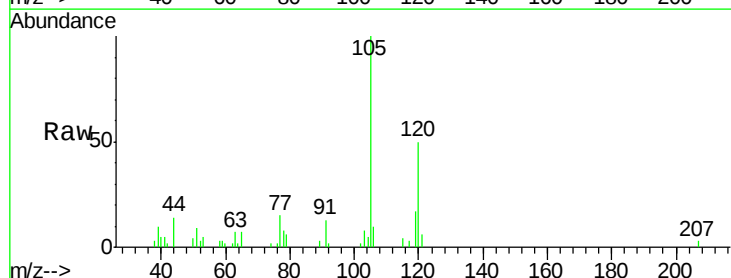
Acq: 23 Sep 2019 11:51

Tgt Ion:105 Resp: 15626

Ion Ratio Lower Upper

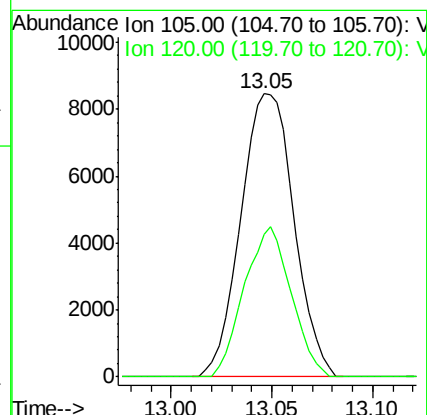
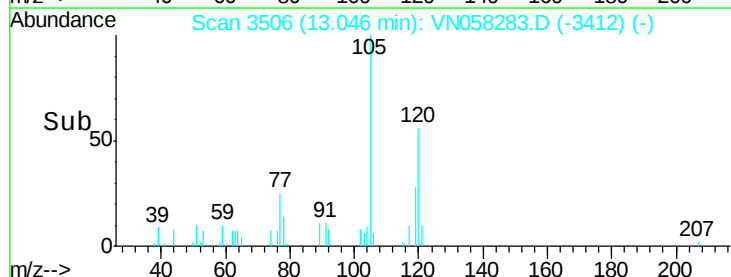
105 100

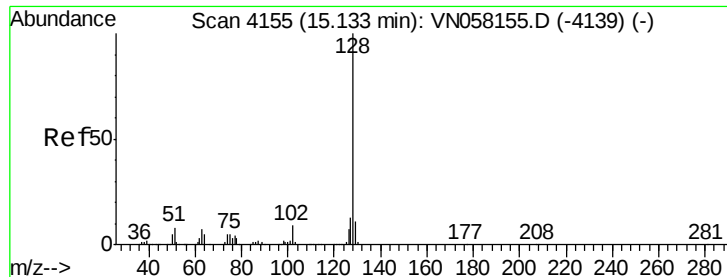
120 46.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

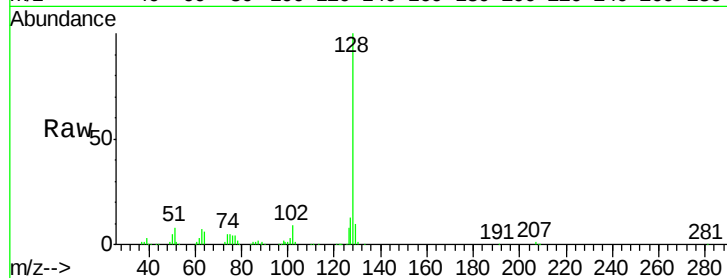




#95
 Naphthalene
 Concen: 32.757 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN058283.D
 Acq: 23 Sep 2019 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-091819

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.6	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

