

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058484.D
 Acq On : 2 Oct 2019 18:51
 Operator : JC/SP
 Sample : K4660-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Oct 03 05:46:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

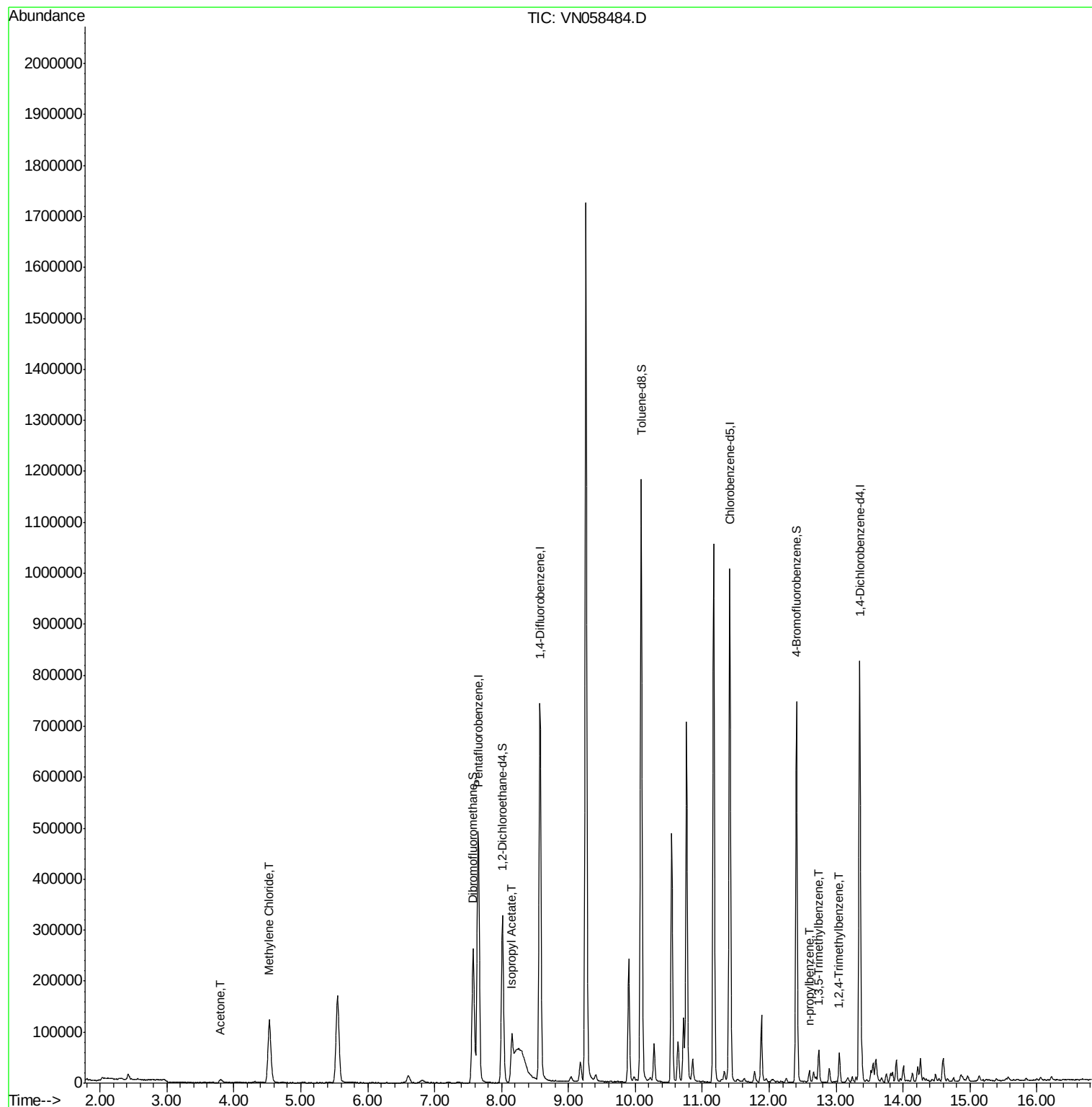
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	378049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	639324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	285193	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.58	113	200131	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.09	98	803238	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.41	95	248389	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
Target Compounds						
16) Acetone	3.80	43	12392	6.580	ug/l	99
20) Methylene Chloride	4.53	84	87362	20.101	ug/l	99
43) Isopropyl Acetate	8.16	43	130325	13.372	ug/l #	92
78) n-propylbenzene	12.60	91	18569	1.096	ug/l	98
80) 1,3,5-Trimethylbenzene	12.74	105	33607	2.670	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	31894	2.529	ug/l	98

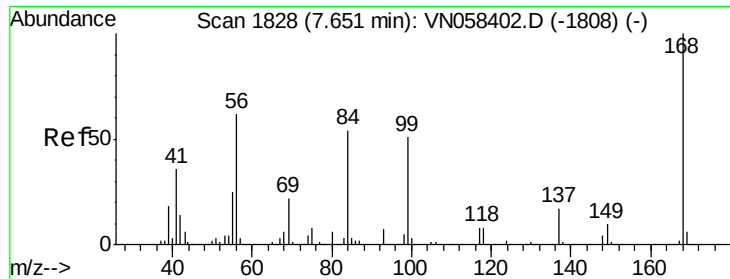
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 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: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

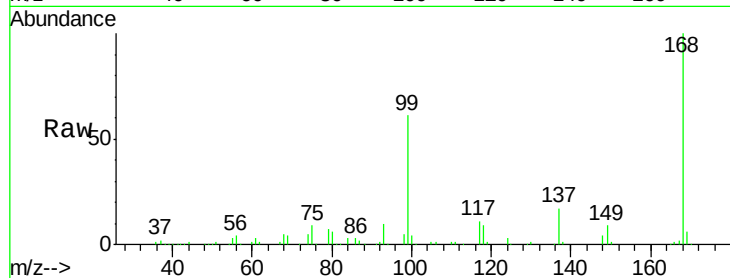
TP-1

Tot Ion:168 Resp: 378049

Ion Ratio Lower Upper

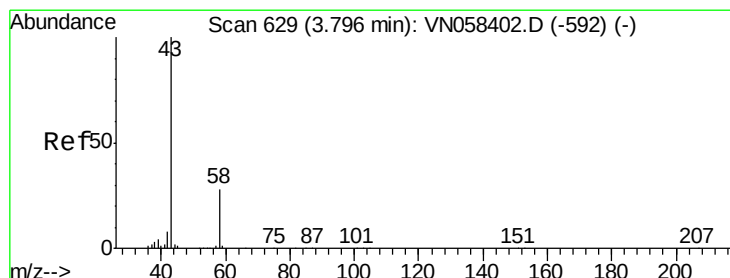
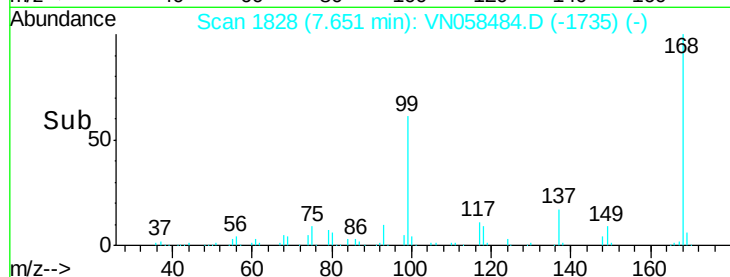
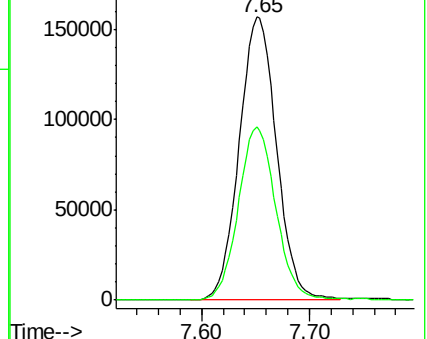
168 100

99 61.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.580 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058484.D

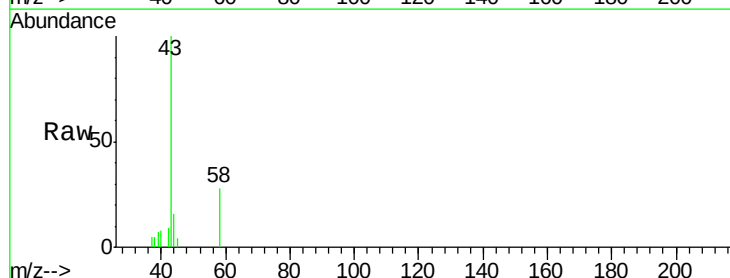
Acq: 2 Oct 2019 18:51

Tgt Ion: 43 Resp: 12392

Ion Ratio Lower Upper

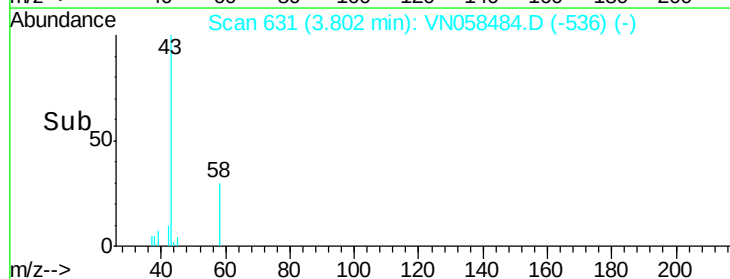
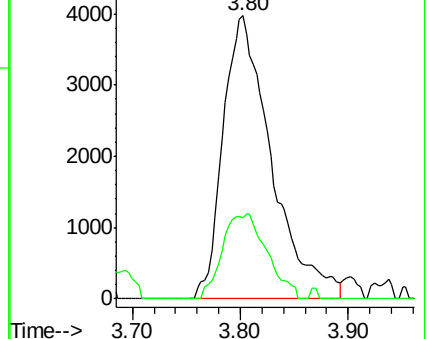
43 100

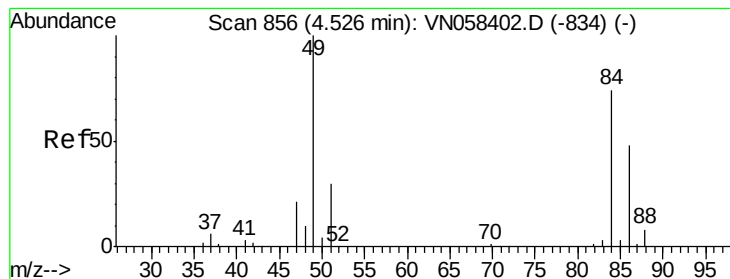
58 28.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 20.101 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

TP-1

Tot Ion: 84 Resp: 87362

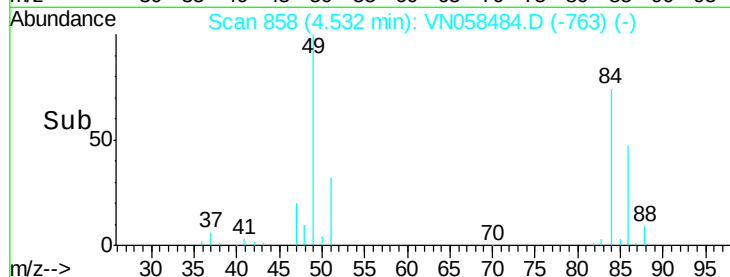
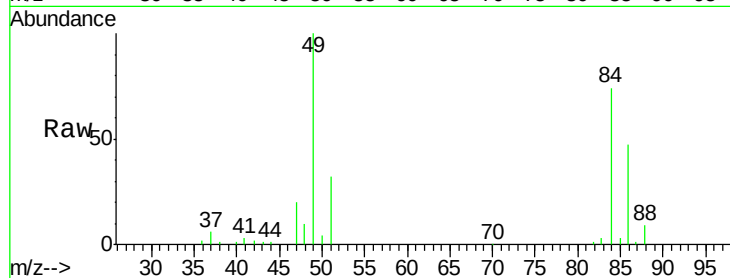
Ion Ratio Lower Upper

84 100

49 135.7 107.9 161.9

51 43.2 32.8 49.2

86 63.7 51.5 77.3

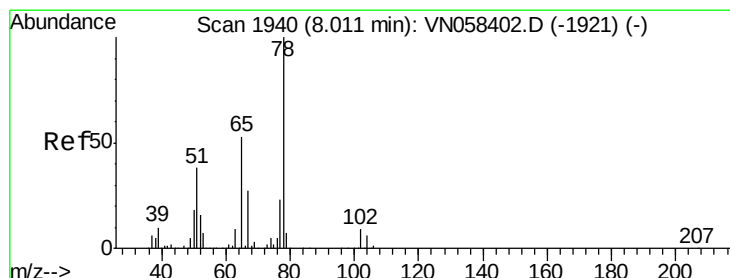
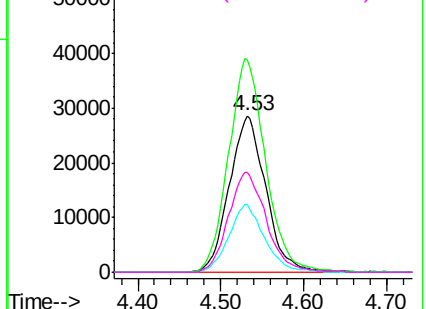


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.623 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058484.D

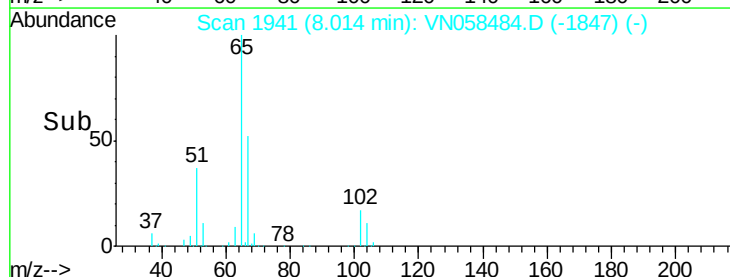
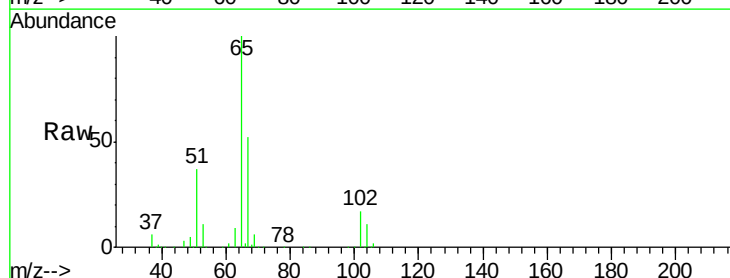
Acq: 2 Oct 2019 18:51

Tgt Ion: 65 Resp: 285193

Ion Ratio Lower Upper

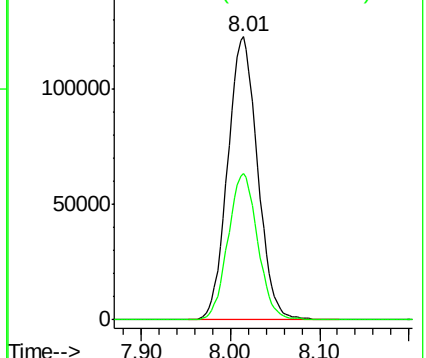
65 100

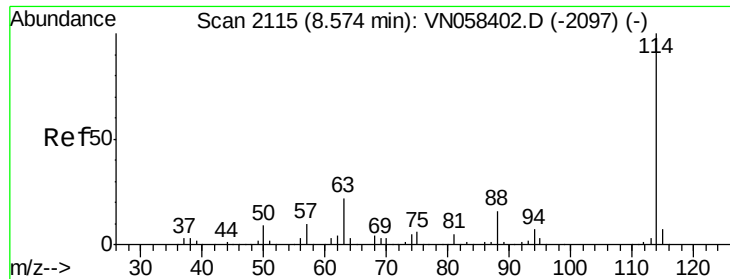
67 51.5 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

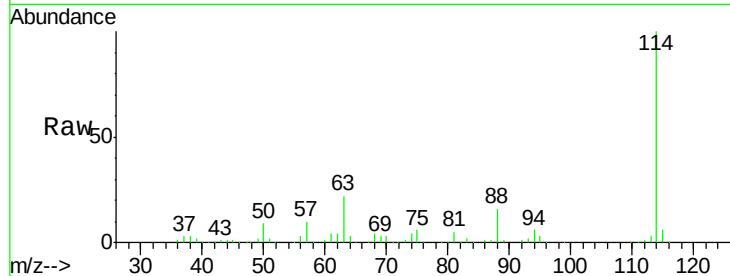




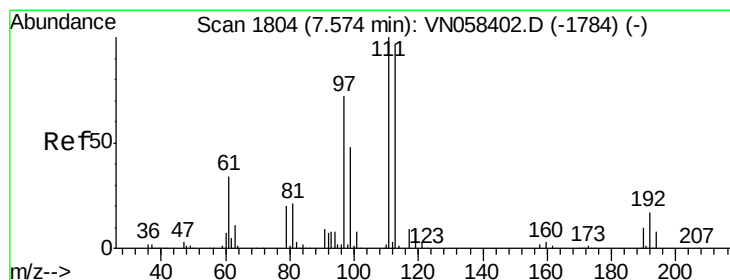
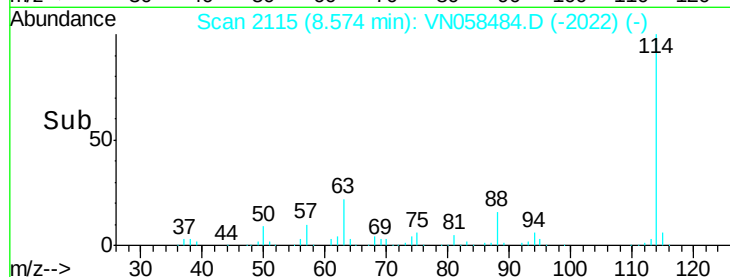
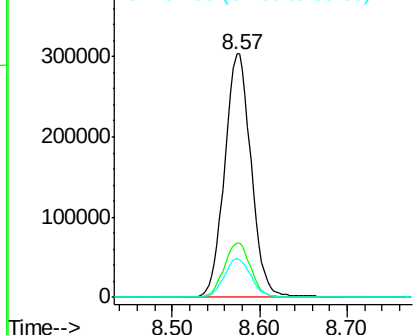
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion:114 Resp: 639324
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 15.9 0.0 32.2

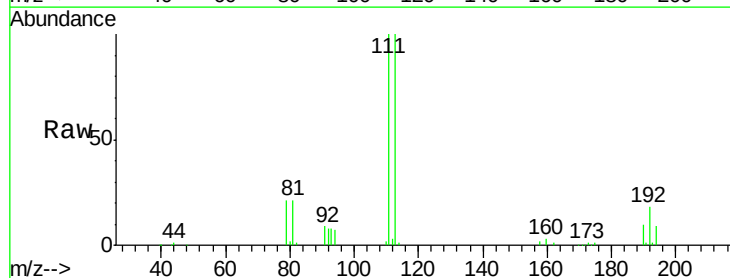


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

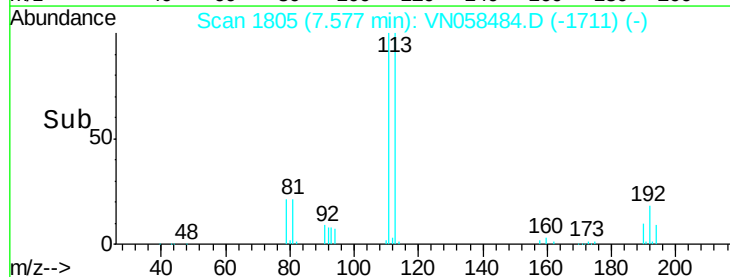
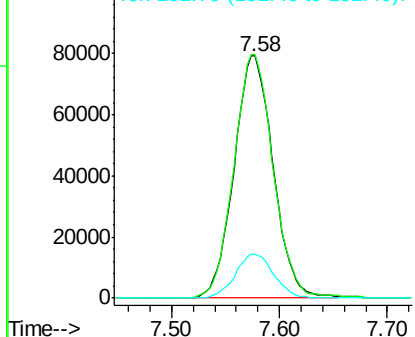


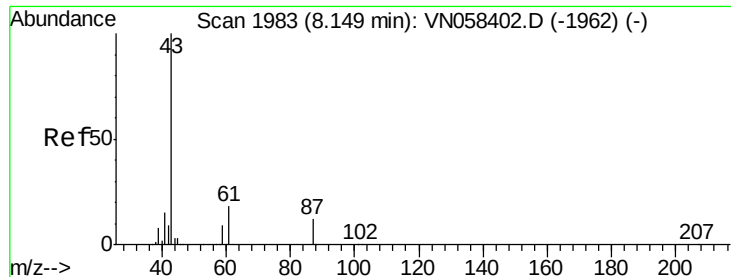
#35
Dibromofluoromethane
Concen: 51.075 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058484.D
Acq: 2 Oct 2019 18:51

Tgt Ion:113 Resp: 200131
Ion Ratio Lower Upper
113 100
111 100.2 83.4 125.2
192 17.8 14.9 22.3



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: 13.372 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

TP-1

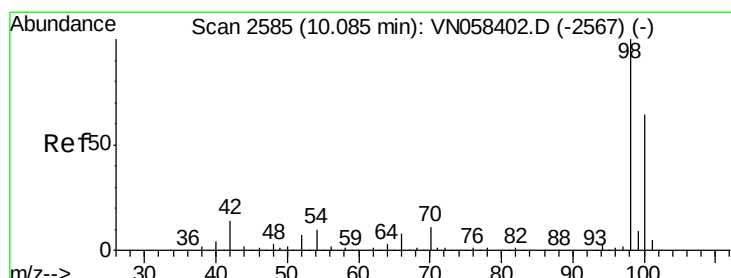
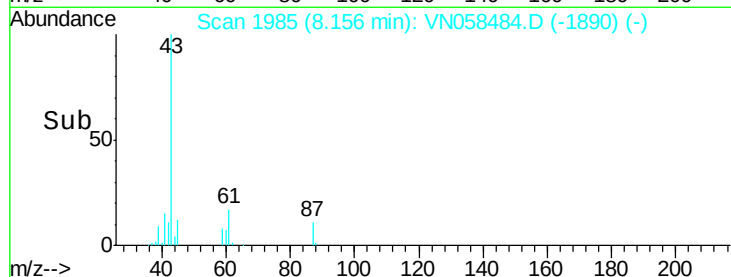
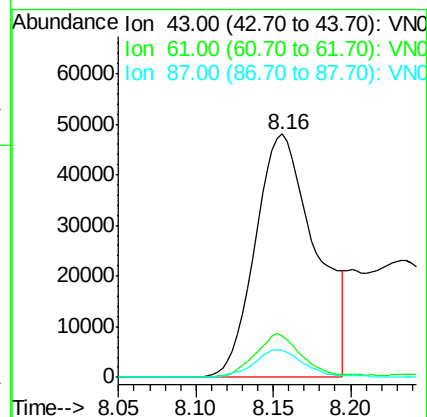
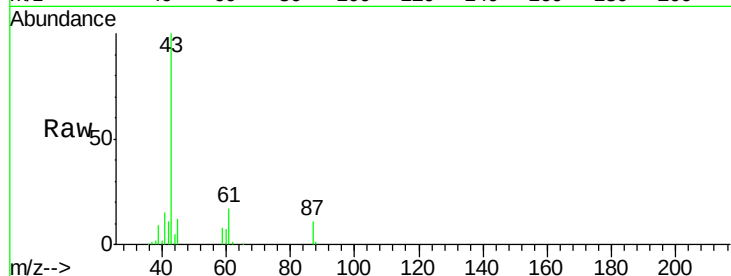
Tot Ion: 43 Resp: 130325

Ion Ratio Lower Upper

43 100

61 14.4 14.8 22.2#

87 9.2 9.7 14.5#



#50

Toluene-d8

Concen: 52.329 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058484.D

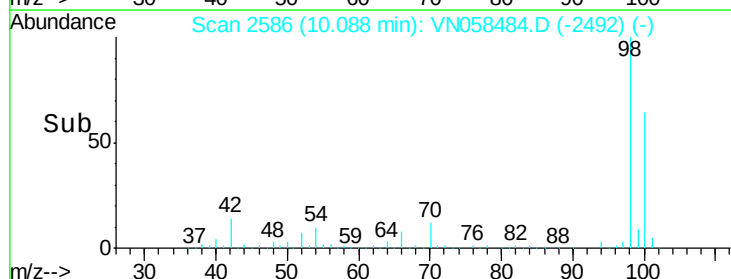
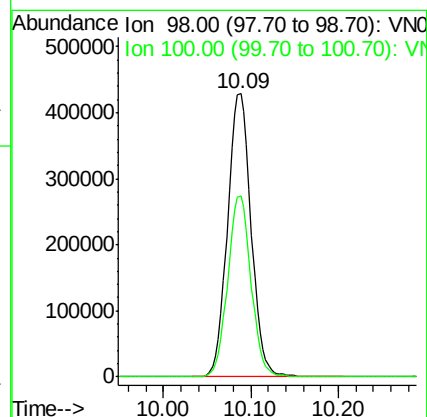
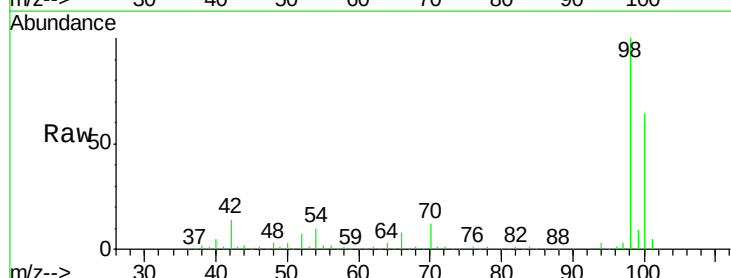
Acq: 2 Oct 2019 18:51

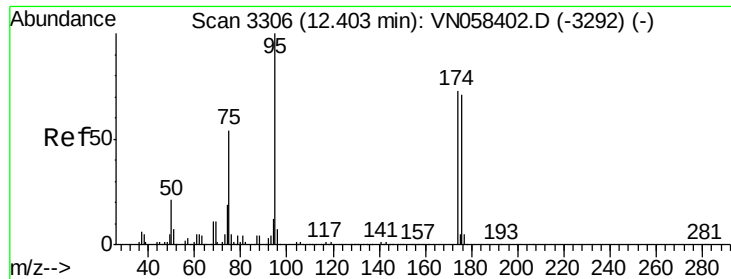
Tgt Ion: 98 Resp: 803238

Ion Ratio Lower Upper

98 100

100 63.0 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 44.753 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

TP-1

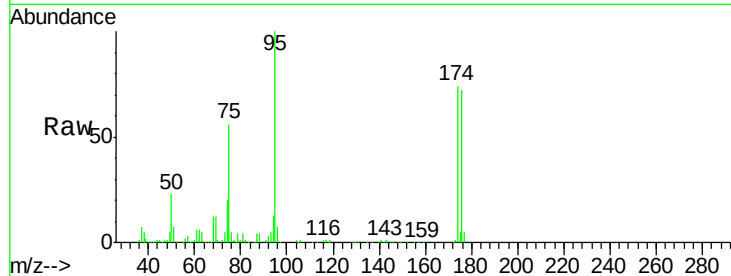
Tot Ion: 95 Resp: 248389

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.6

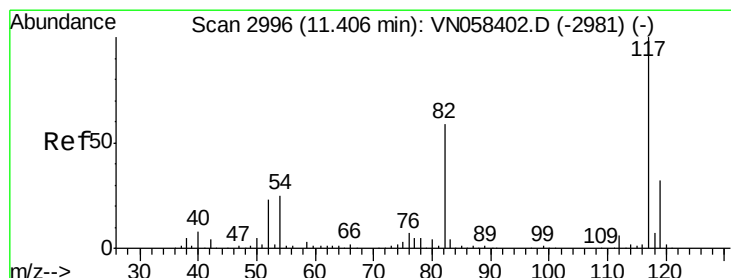
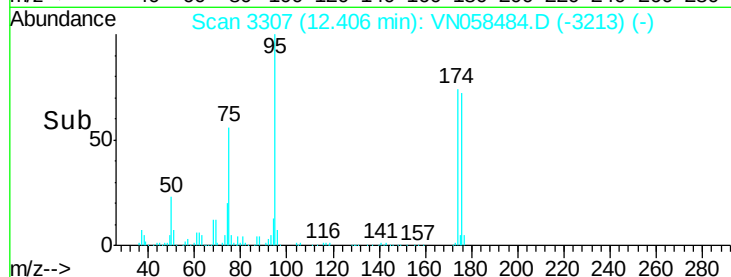
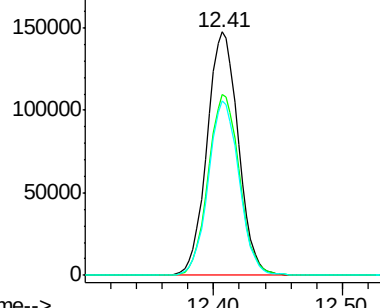
176 70.7 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

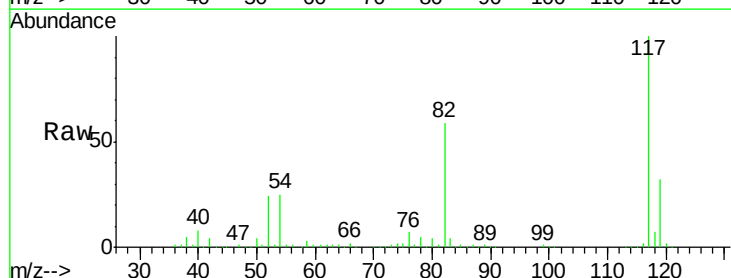
Tgt Ion: 117 Resp: 547771

Ion Ratio Lower Upper

117 100

82 58.8 47.4 71.0

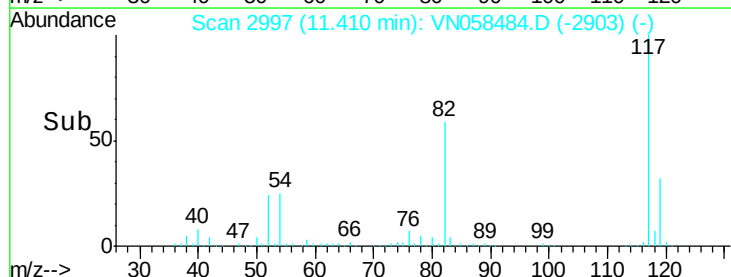
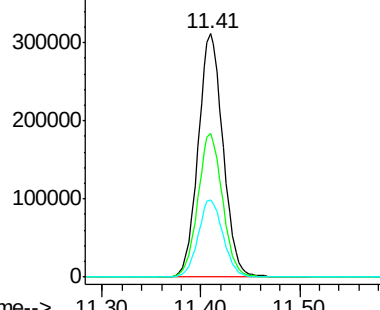
119 31.8 25.5 38.3

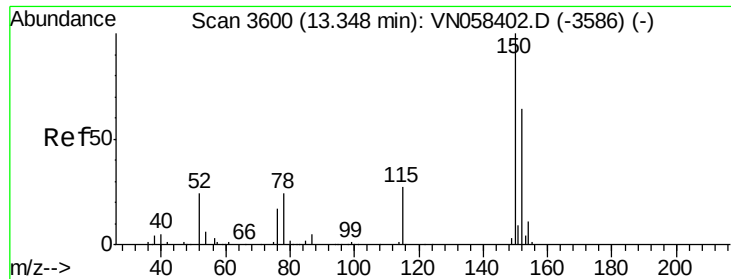


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058484.D

Acq: 2 Oct 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

TP-1

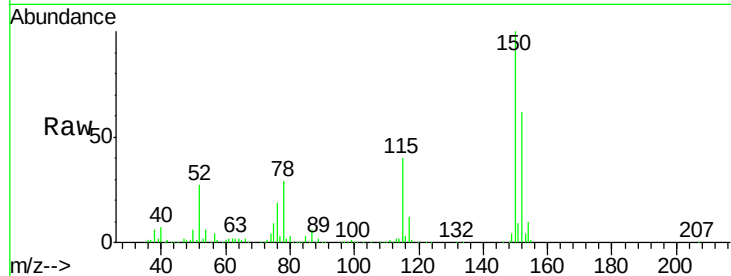
Tot Ion:152 Resp: 203492

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.0

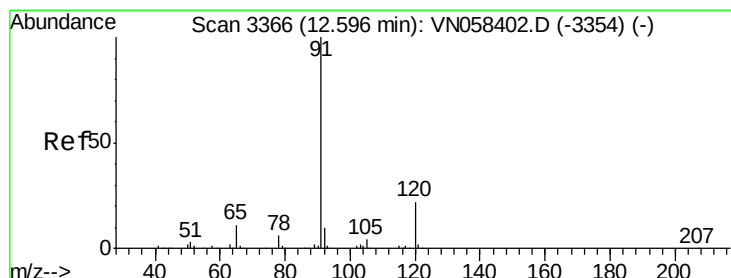
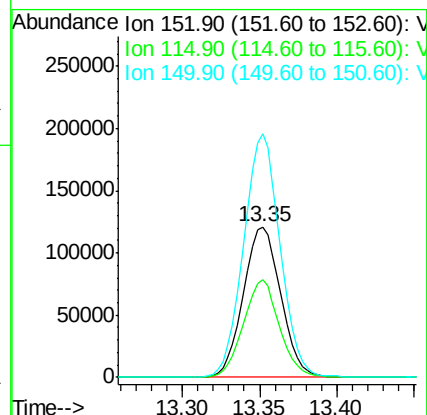
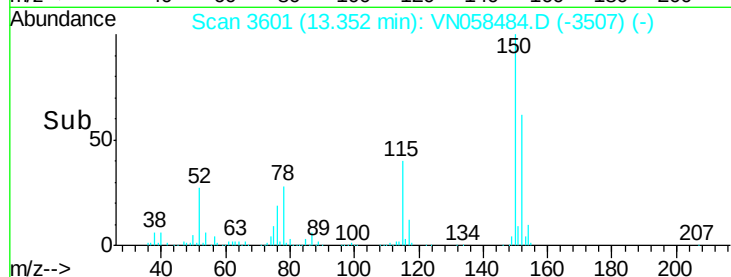
150 157.9 0.0 348.2



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



#78

n-propylbenzene

Concen: 1.096 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058484.D

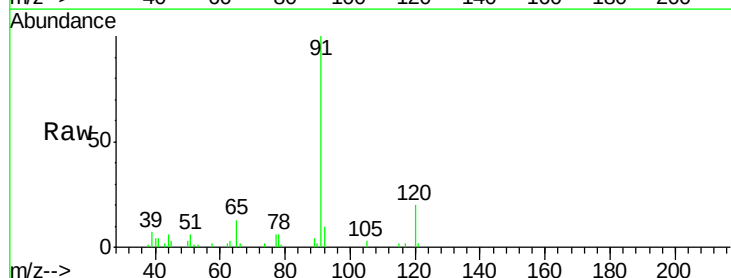
Acq: 2 Oct 2019 18:51

Tgt Ion: 91 Resp: 18569

Ion Ratio Lower Upper

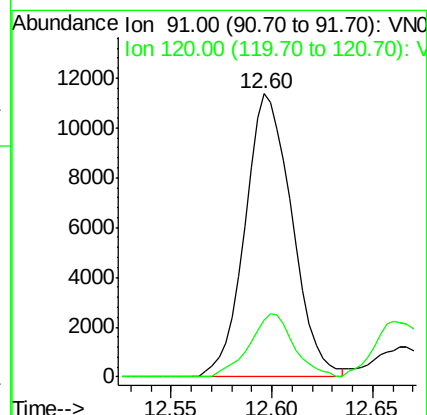
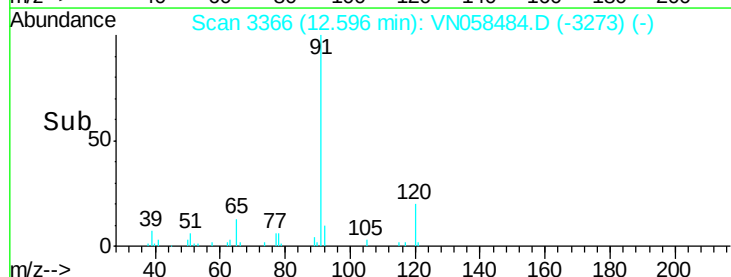
91 100

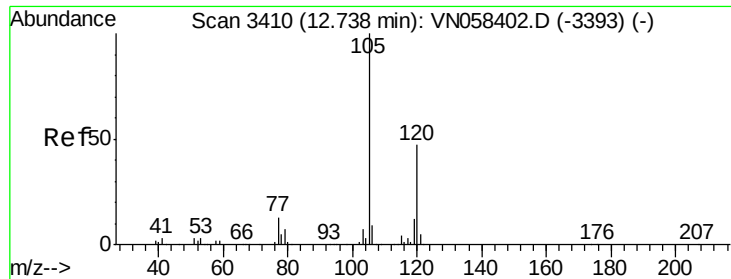
120 21.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

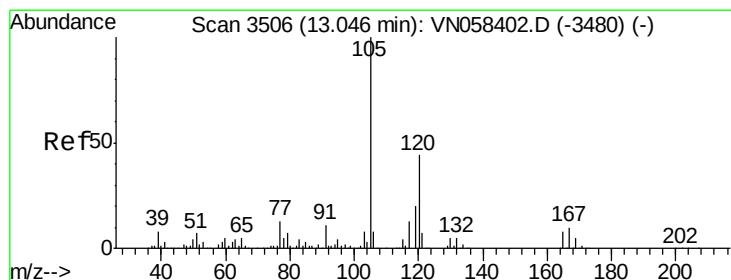
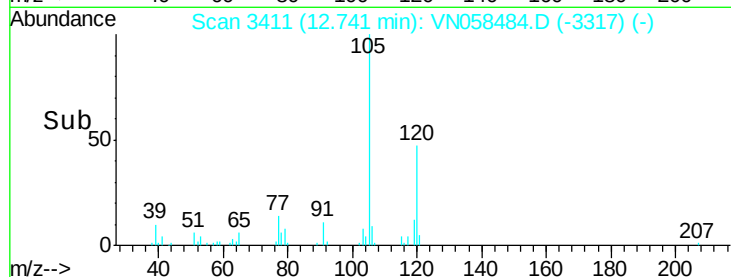
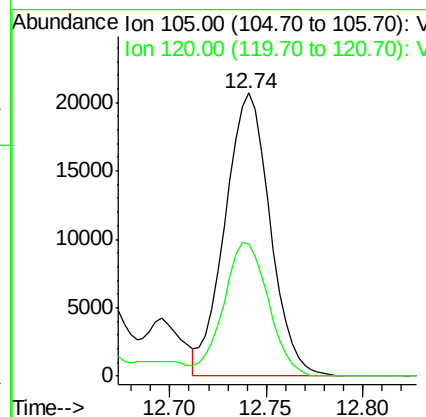
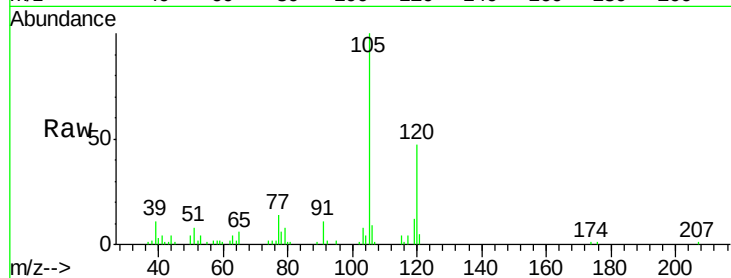




#80
 1,3,5-Trimethylbenzene
 Concen: 2.670 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

Tot Ion:105 Resp: 33607
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.5 70.6



#84
 1,2,4-Trimethylbenzene
 Concen: 2.529 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058484.D
 Acq: 2 Oct 2019 18:51

Tgt Ion:105 Resp: 31894
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.7 65.1

