

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056262.D
 Acq On : 12 Jun 2019 20:36
 Operator : JC/SP
 Sample : K3315-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D1-20190610

Quant Time: Jun 13 05:53:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	296992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	448766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139875	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	152268	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.59	113	144368	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.09	98	564214	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.40	95	177026	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

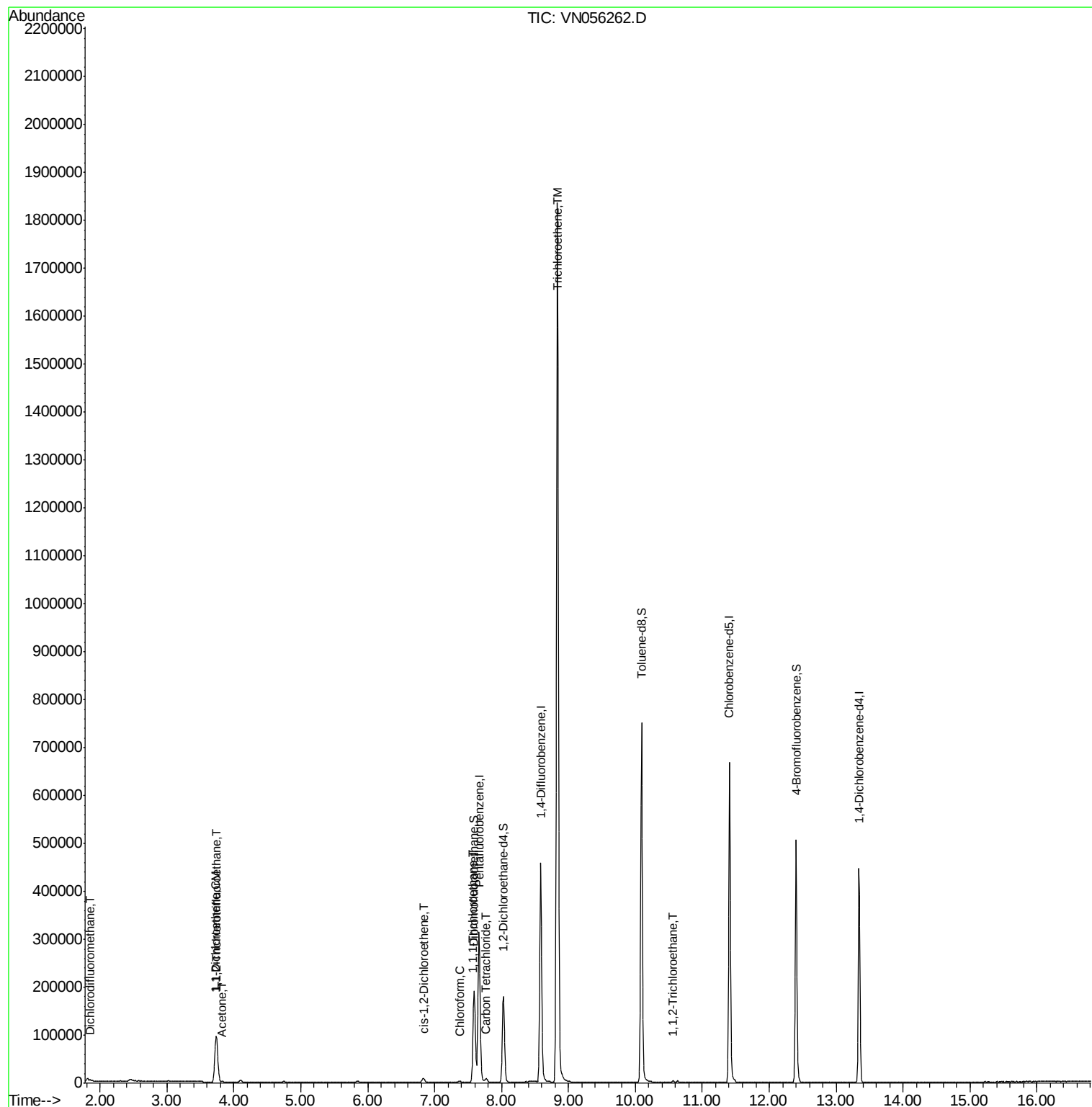
						Qvalue
2) Dichlorodifluoromethane	1.85	85	2370	1.076	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	49851	19.906	ug/l	99
12) 1,1-Dichloroethene	3.72	96	19309	7.745	ug/l	95
16) Acetone	3.83	43	3183	2.257	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	6344	2.020	ug/l	91
30) Chloroform	7.38	83	3893	0.824	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	2108	0.535	ug/l #	42
38) Carbon Tetrachloride	7.77	117	5566	1.565	ug/l	93
44) Trichloroethene	8.83	130	756673	224.685	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	1517	0.525	ug/l #	92

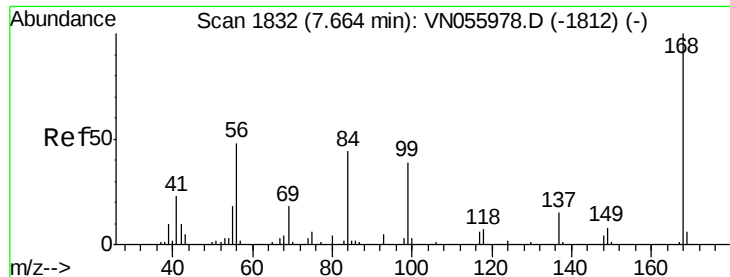
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
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: VN056262.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_N

ClientSampleId :

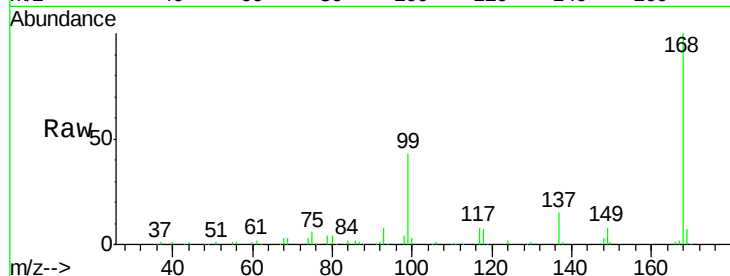
TT101D1-20190610

Tot Ion:168 Resp: 296992

Ion Ratio Lower Upper

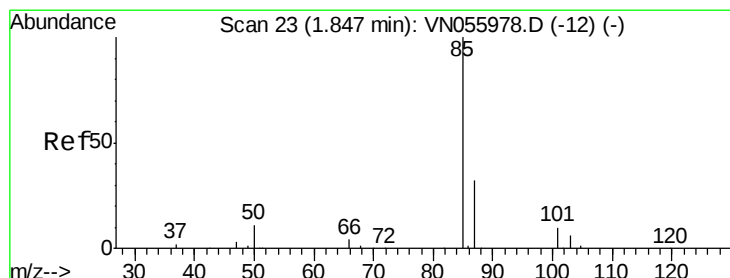
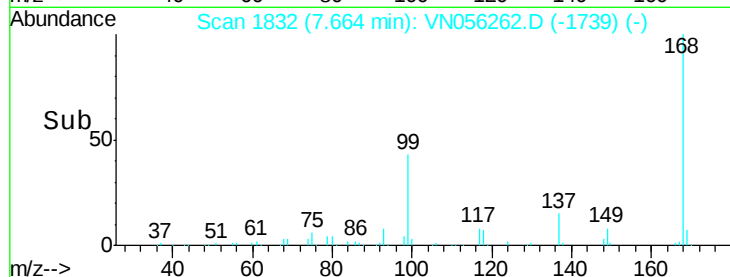
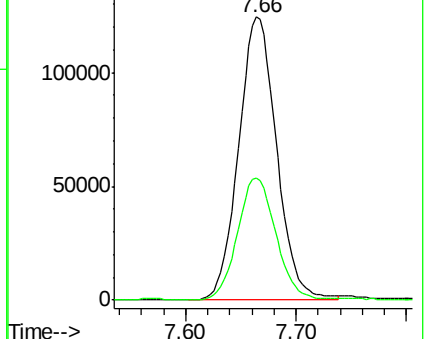
168 100

99 43.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 1.076 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056262.D

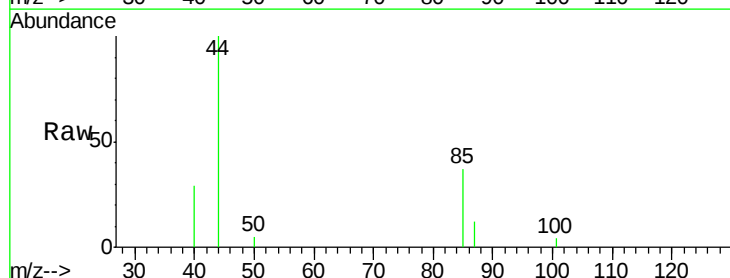
Acq: 12 Jun 2019 20:36

Tgt Ion: 85 Resp: 2370

Ion Ratio Lower Upper

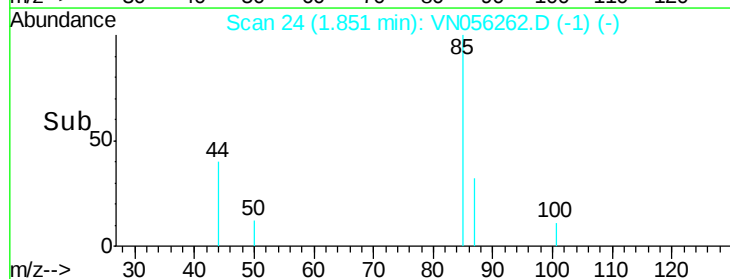
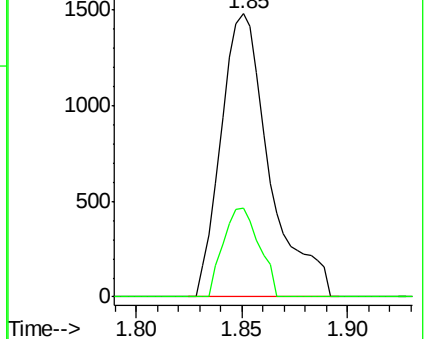
85 100

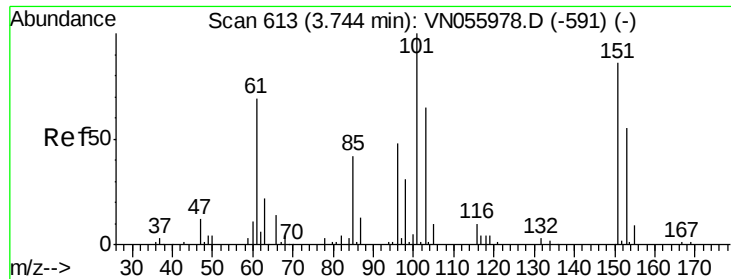
87 31.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.906 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056262.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20190610

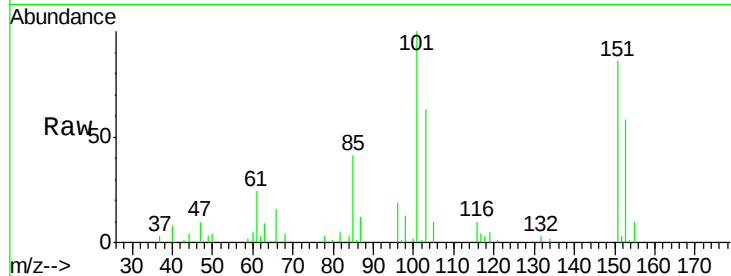
Tot Ion:101 Resp: 49851

Ion Ratio Lower Upper

101 100

85 40.0 33.4 50.2

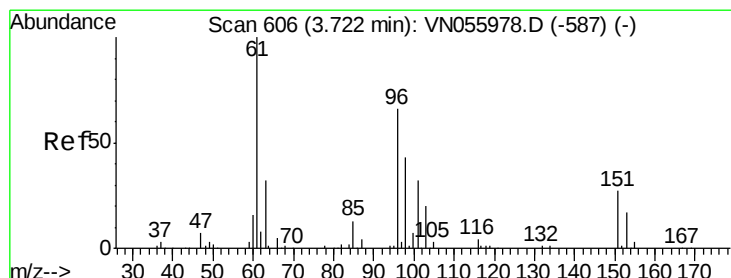
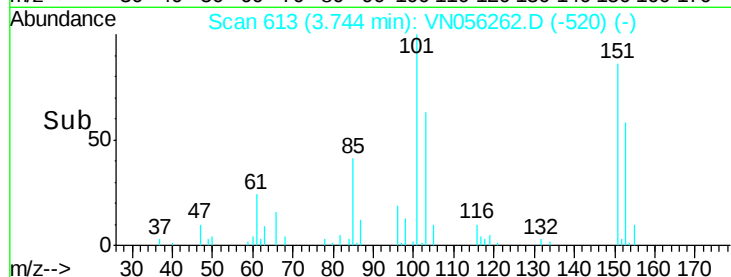
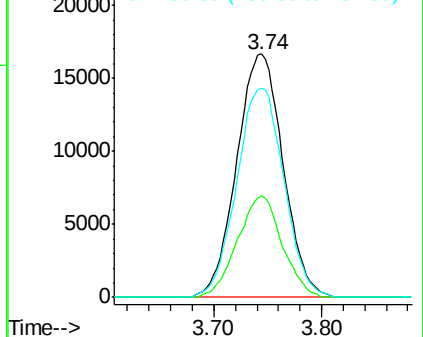
151 87.5 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 7.745 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN056262.D

Acq: 12 Jun 2019 20:36

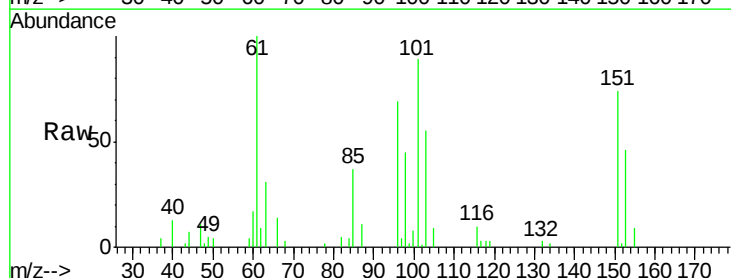
Tgt Ion: 96 Resp: 19309

Ion Ratio Lower Upper

96 100

61 145.9 123.2 184.8

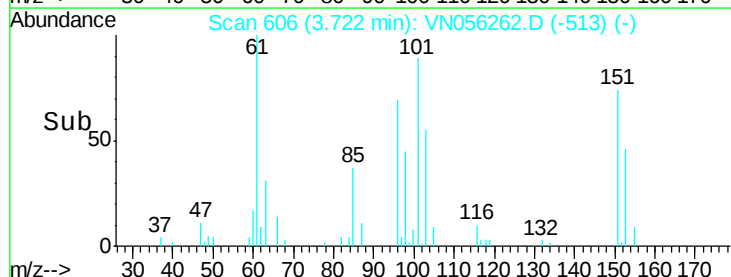
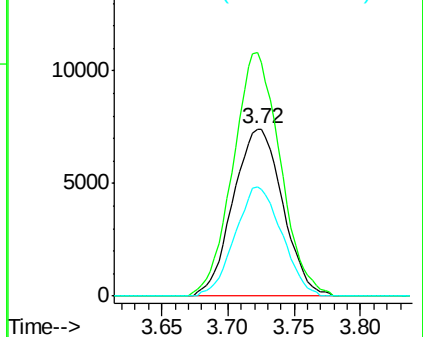
98 65.7 50.4 75.6

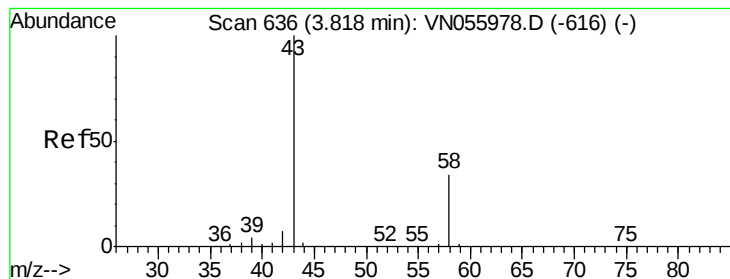


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#16

Acetone

Concen: 2.257 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056262.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_N

ClientSampleId :

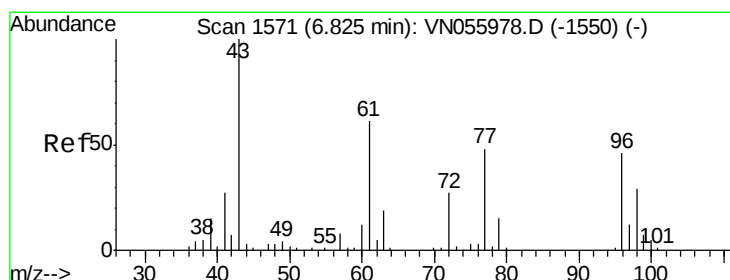
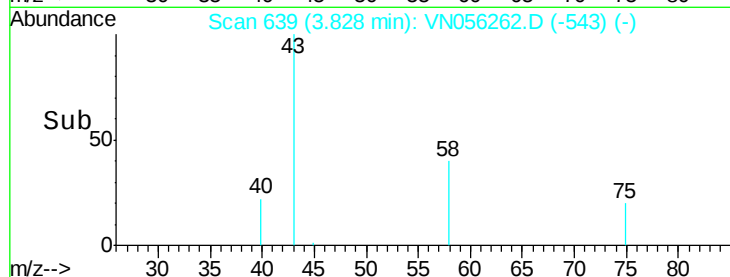
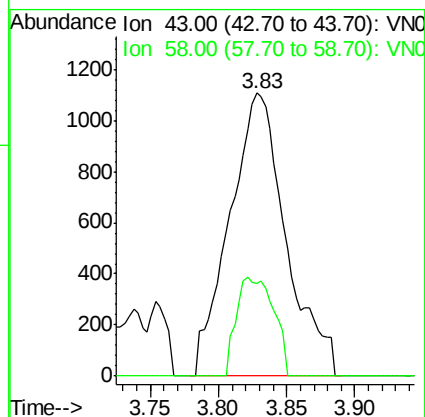
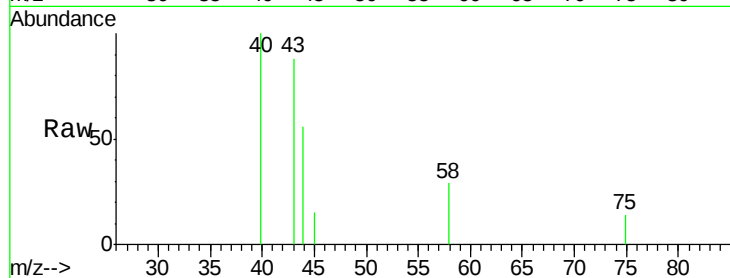
TT101D1-20190610

Tot Ion: 43 Resp: 3183

Ion Ratio Lower Upper

43 100

58 32.7 26.6 39.8



#27

cis-1,2-Dichloroethene

Concen: 2.020 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN056262.D

Acq: 12 Jun 2019 20:36

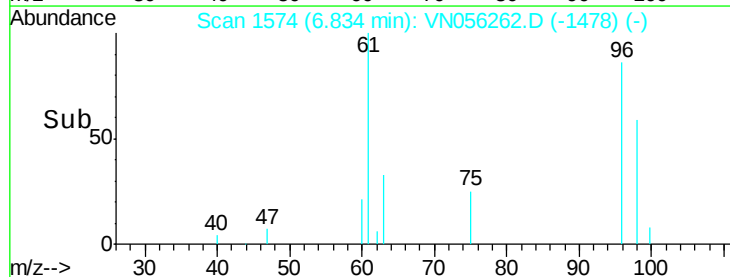
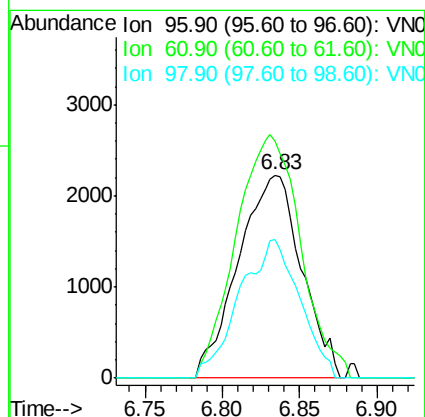
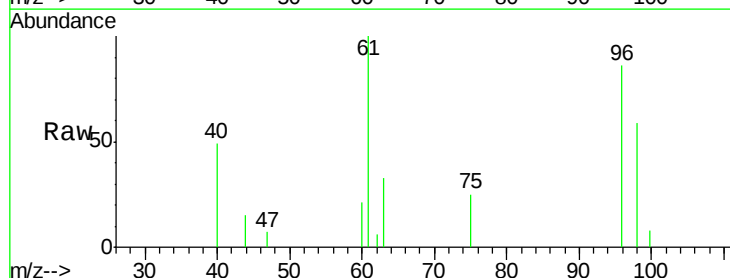
Tgt Ion: 96 Resp: 6344

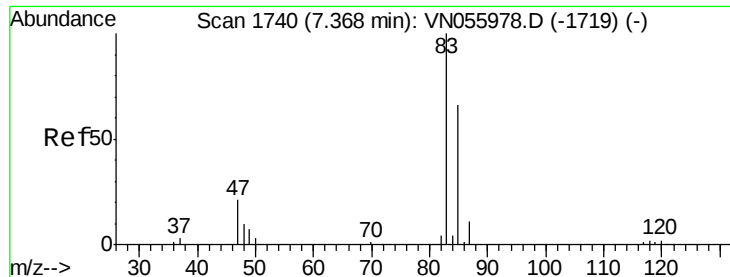
Ion Ratio Lower Upper

96 100

61 121.9 0.0 275.8

98 64.5 0.0 128.4





#30

Chloroform

Concen: 0.824 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN056262.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_N

ClientSampleId :

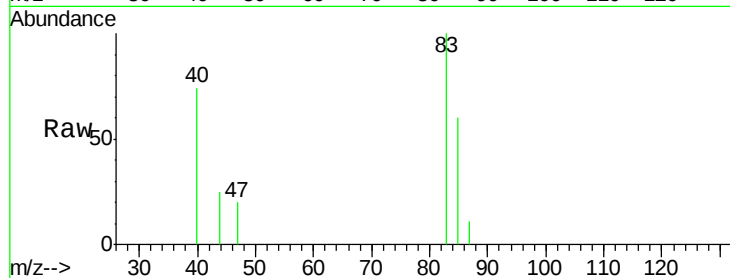
TT101D1-20190610

Tot Ion: 83 Resp: 3893

Ion Ratio Lower Upper

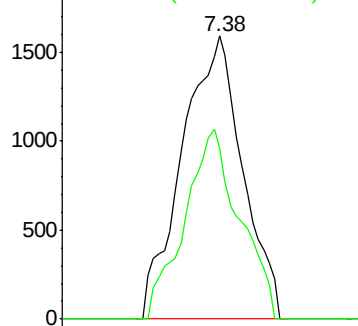
83 100

85 60.1 51.8 77.8

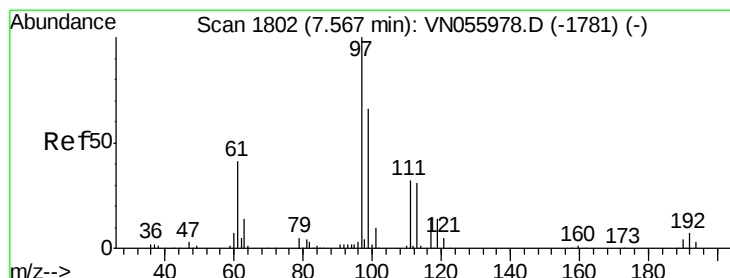
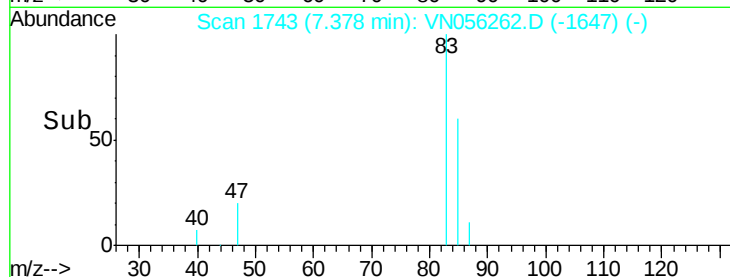


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#32

1,1,1-Trichloroethane

Concen: 0.535 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN056262.D

Acq: 12 Jun 2019 20:36

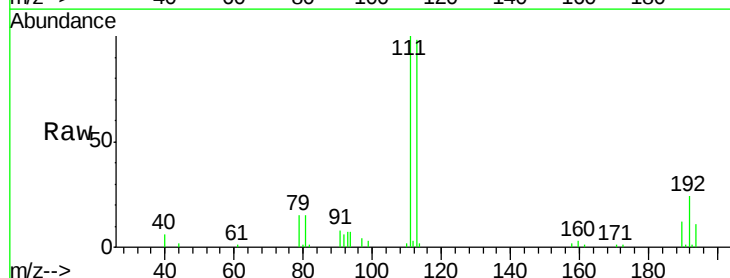
Tgt Ion: 97 Resp: 2108

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

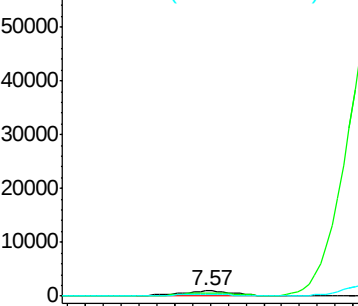
61 29.3 32.9 49.3#



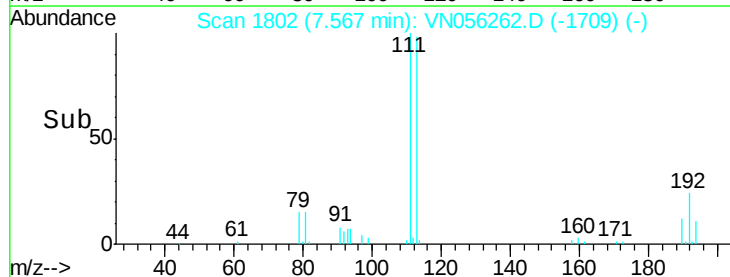
Abundance Ion 96.90 (96.60 to 97.60): VN0

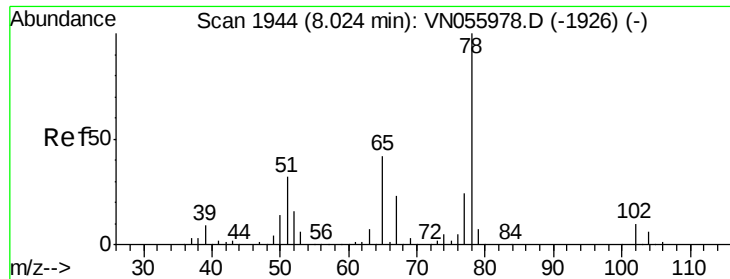
Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



Time-->

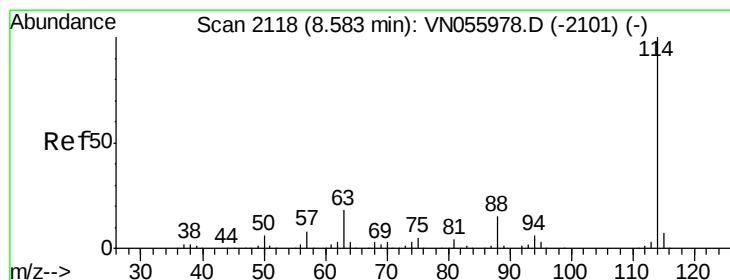
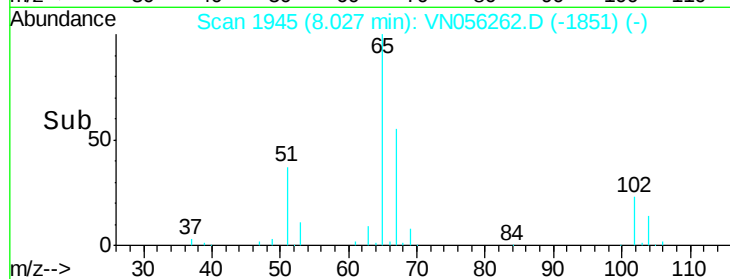
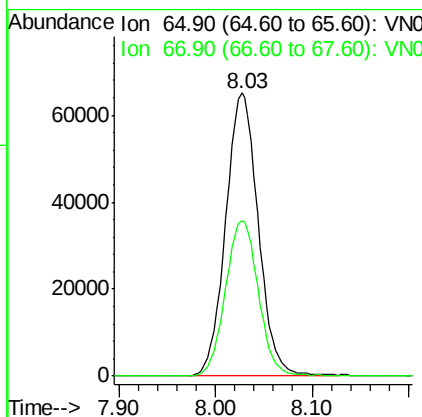
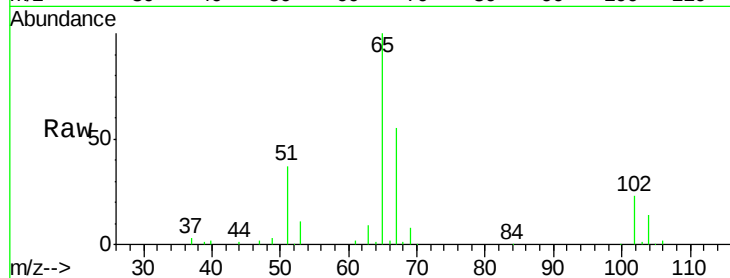




#33
 1,2-Dichloroethane-d4
 Concen: 51.636 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056262.D
 Acq: 12 Jun 2019 20:36

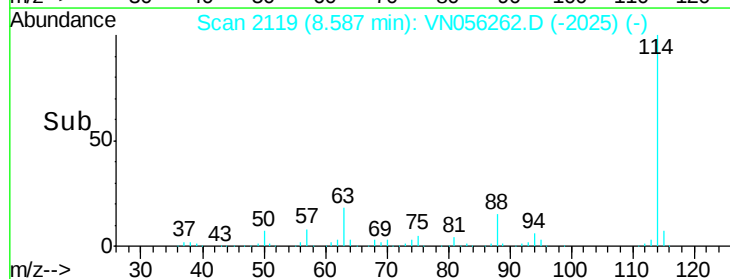
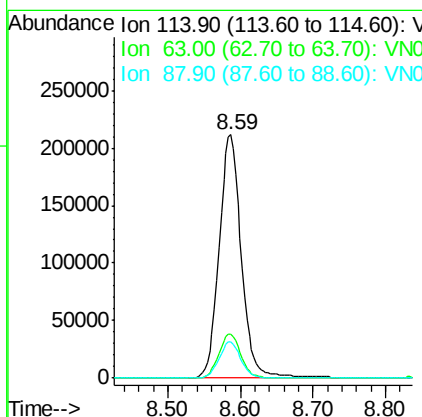
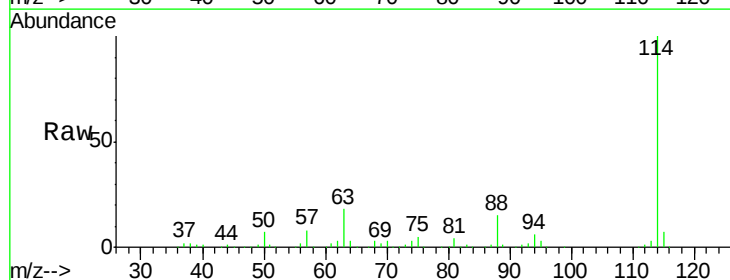
Instrument :
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 TT101D1-20190610

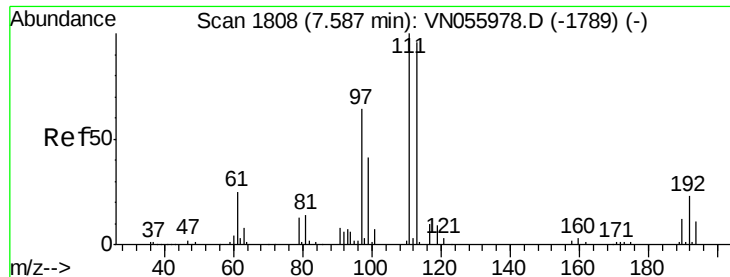
Tot Ion: 65 Resp: 152268
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056262.D
 Acq: 12 Jun 2019 20:36

Tgt Ion: 114 Resp: 448766
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 14.7 0.0 31.0

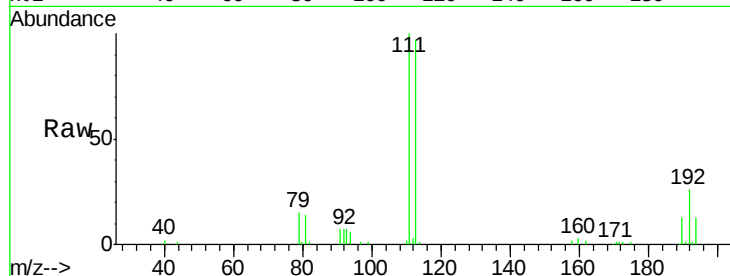




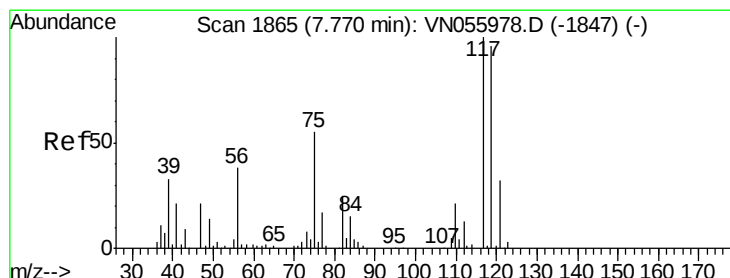
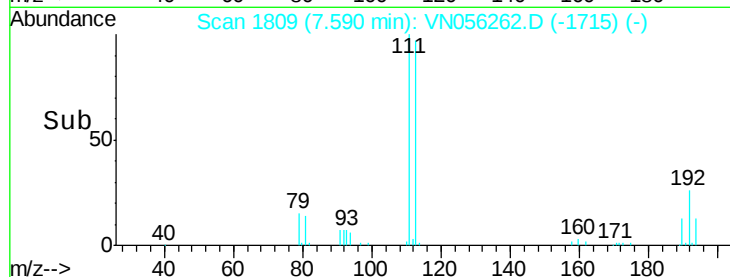
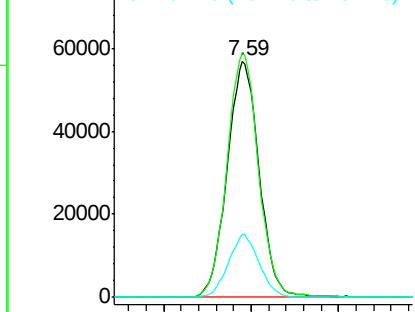
#35
Dibromofluoromethane
Concen: 52.434 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056262.D
Acq: 12 Jun 2019 20:36

Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20190610

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	25.5	19.5	29.3

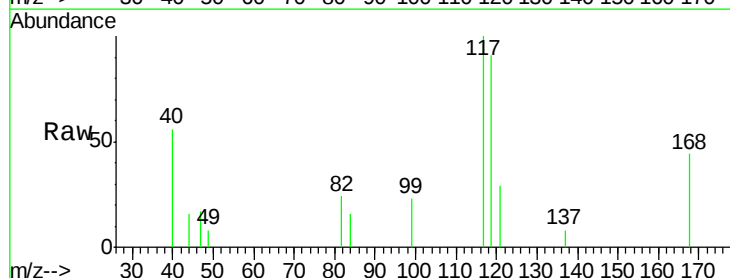


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

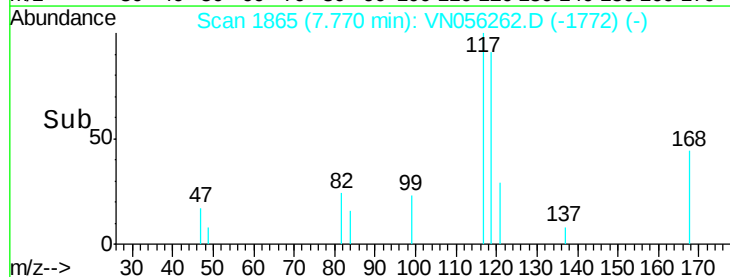
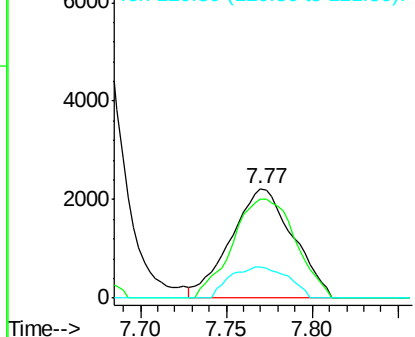


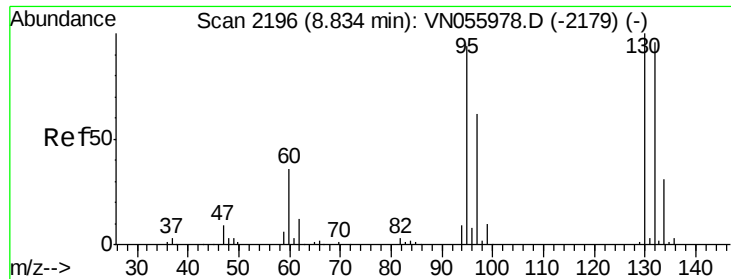
#38
Carbon Tetrachloride
Concen: 1.565 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056262.D
Acq: 12 Jun 2019 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	79.0	118.6
121	29.0	24.7	37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#44

Trichloroethene

Concen: 224.685 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056262.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_N

ClientSampleId :

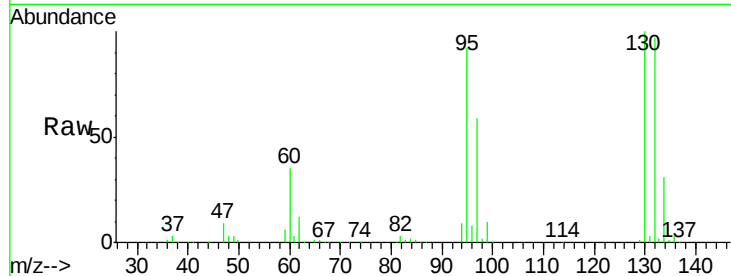
TT101D1-20190610

Tot Ion:130 Resp: 756673

Ion Ratio Lower Upper

130 100

95 92.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.83

400000

300000

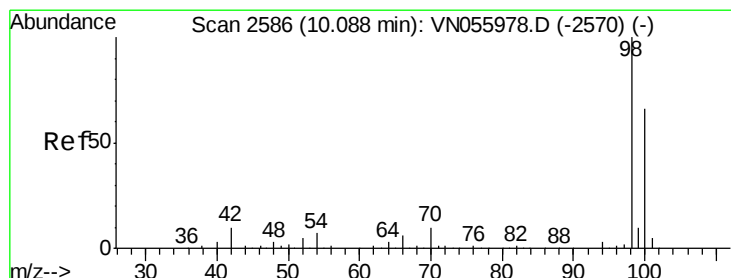
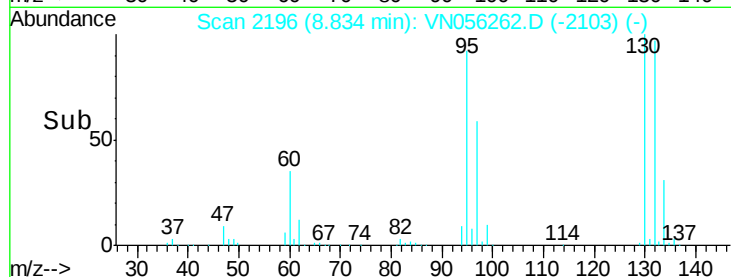
200000

100000

0

8.80 8.90

Time-->



#50

Toluene-d8

Concen: 53.254 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056262.D

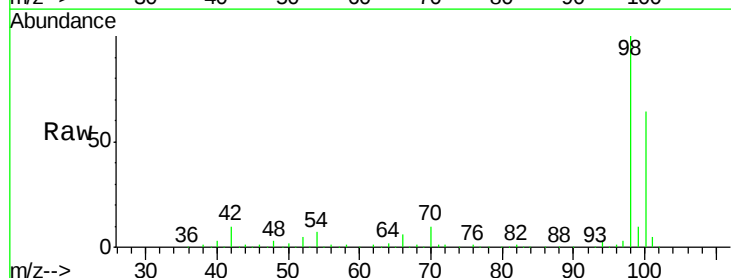
Acq: 12 Jun 2019 20:36

Tgt Ion: 98 Resp: 564214

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

300000

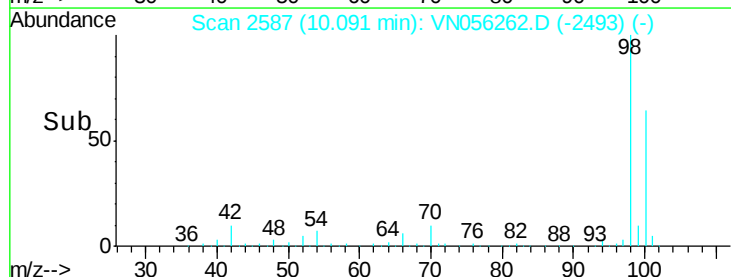
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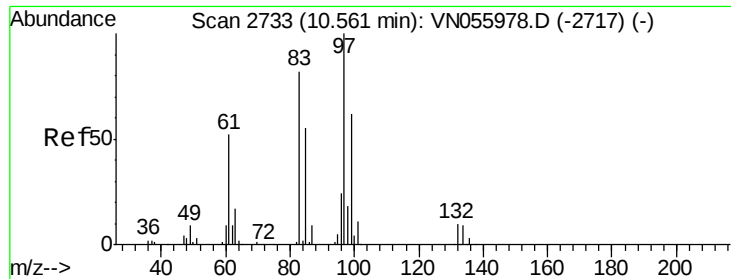
100000

0

10.00 10.20

Time-->





#55

1,1,2-Trichloroethane

Concen: 0.525 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN056262.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_N

ClientSampleId :

TT101D1-20190610

Tot Ion: 97 Resp: 1517

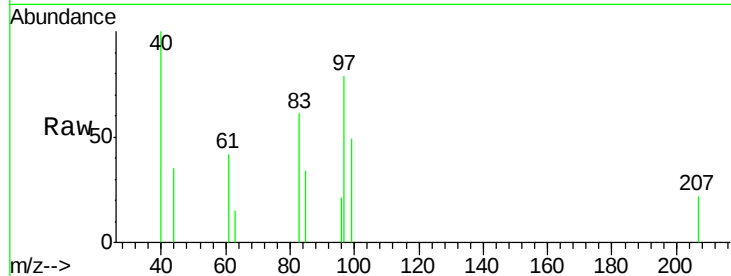
Ion Ratio Lower Upper

97 100

83 77.6 67.0 100.6

85 43.1 44.0 66.0#

99 62.0 50.6 75.8

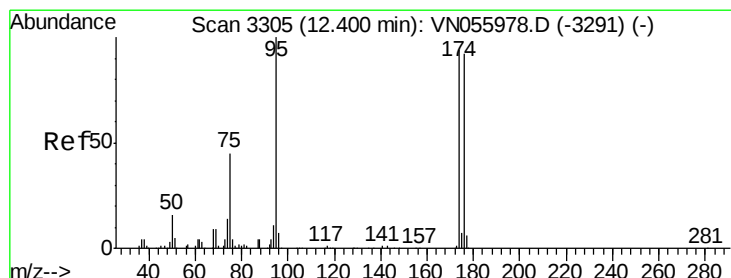
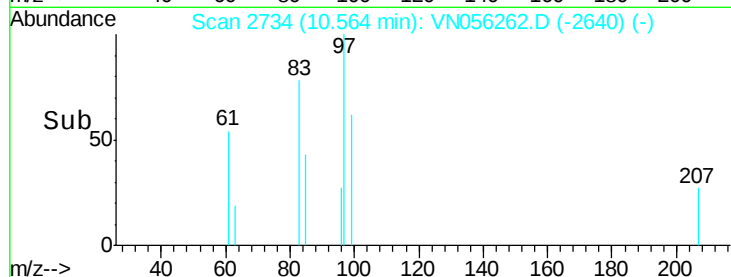
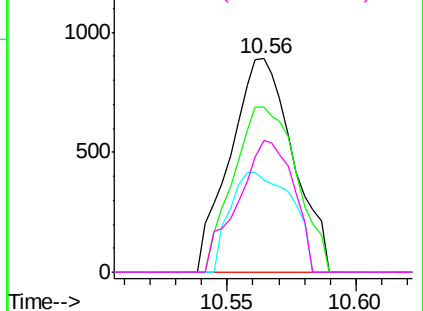


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#62

4-Bromofluorobenzene

Concen: 49.132 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN056262.D

Acq: 12 Jun 2019 20:36

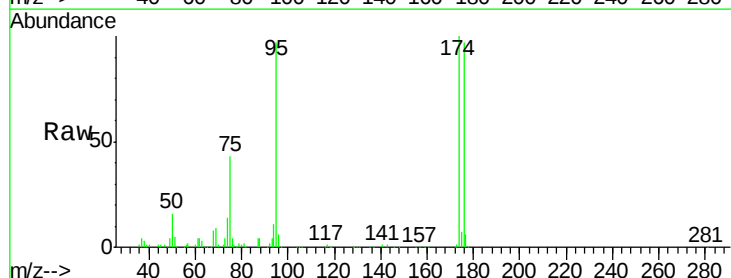
Tgt Ion: 95 Resp: 177026

Ion Ratio Lower Upper

95 100

174 101.6 0.0 191.0

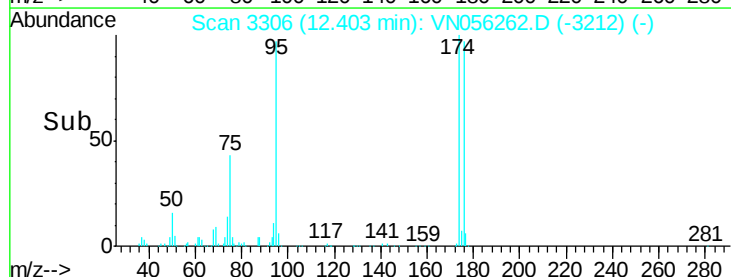
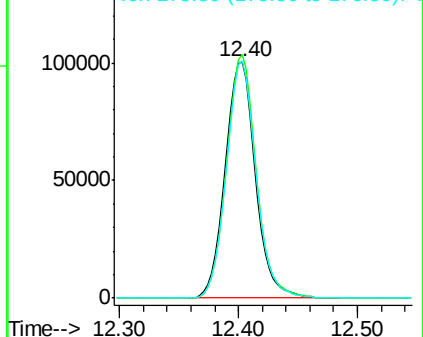
176 98.6 0.0 185.2

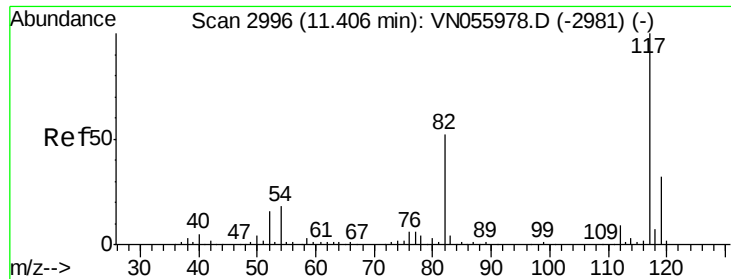


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

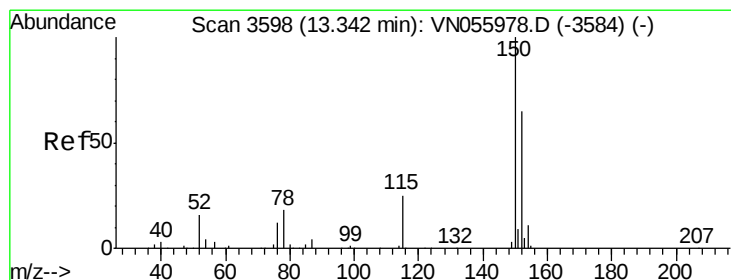
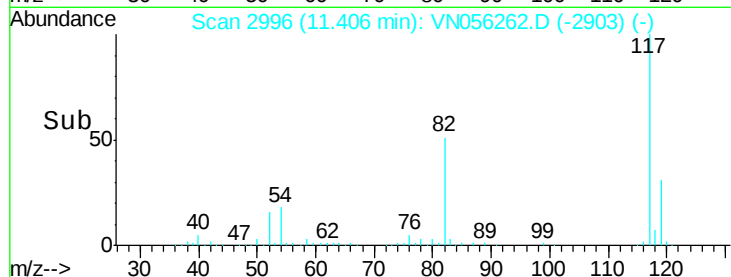
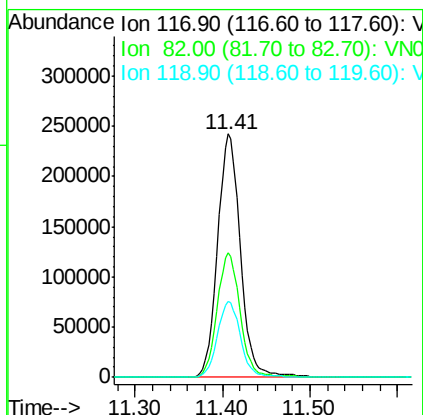
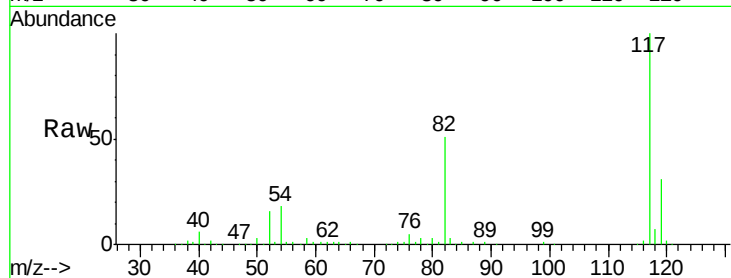




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056262.D
Acq: 12 Jun 2019 20:36

Instrument :
MSVOA_N
ClientSampleId :
TT101D1-20190610

Tot Ion:117 Resp: 439564
Ion Ratio Lower Upper
117 100
82 51.0 41.8 62.8
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056262.D
Acq: 12 Jun 2019 20:36

Tgt Ion:152 Resp: 139875
Ion Ratio Lower Upper
152 100
115 52.8 27.0 81.0
150 157.6 0.0 343.2

