

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055328.D
 Acq On : 1 May 2019 14:43
 Operator : JC/SP
 Sample : K2629-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 02 01:51:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	364871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	629539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	575647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	147791	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	255195	53.46	ug/l	0.00
Spiked Amount						
						Recovery = 106.92%
35) Dibromofluoromethane	7.59	113	205435	49.72	ug/l	0.00
Spiked Amount						
						Recovery = 99.44%
50) Toluene-d8	10.09	98	783238	52.49	ug/l	0.00
Spiked Amount						
						Recovery = 104.98%
62) 4-Bromofluorobenzene	12.40	95	230947	49.53	ug/l	0.00
Spiked Amount						
						Recovery = 99.06%

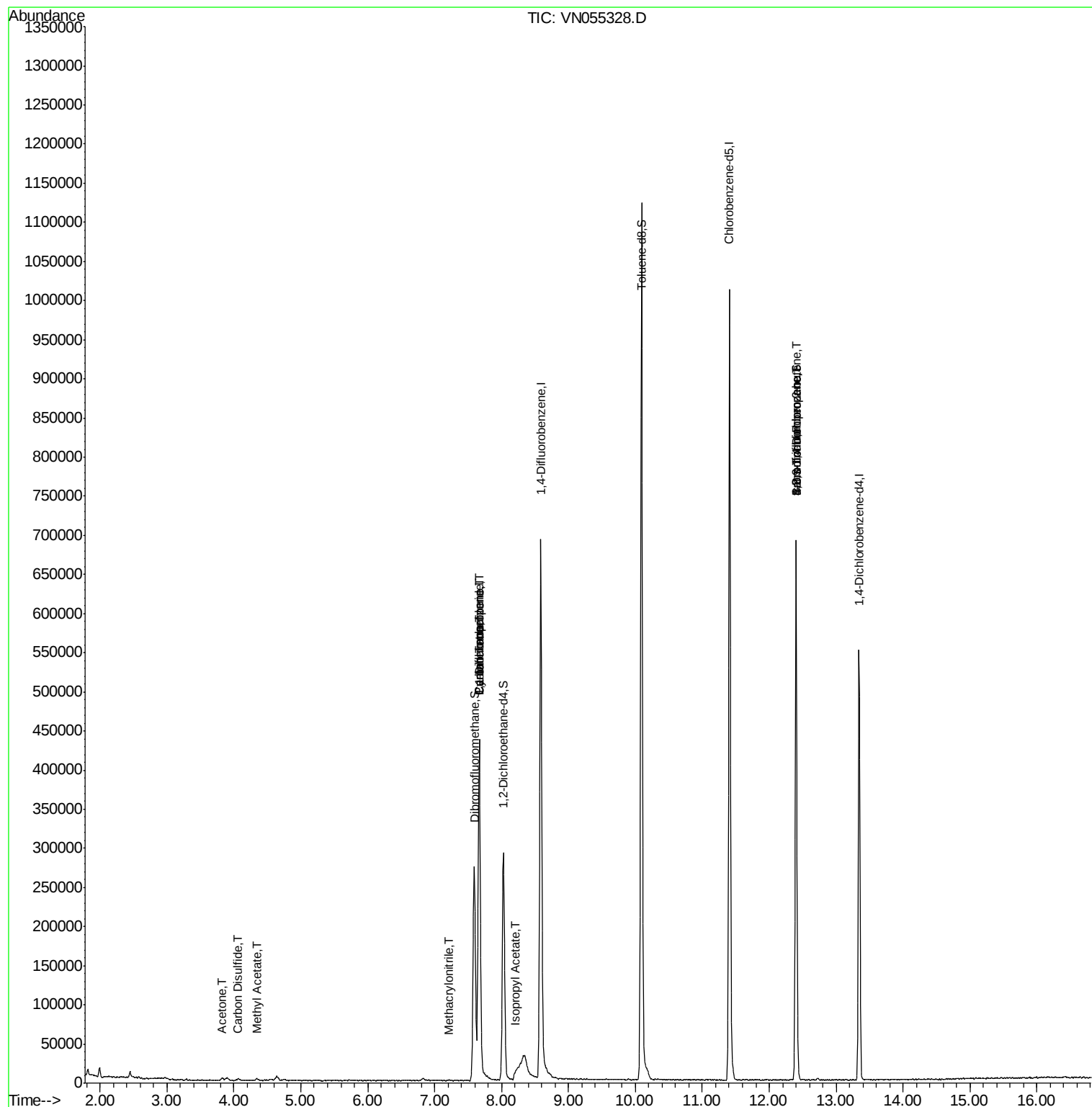
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	5740	3.859	ug/l #	83
17) Carbon Disulfide	4.06	76	2570	0.273	ug/l #	90
18) Methyl Acetate	4.35	43	5583	0.516	ug/l #	85
31) Cyclohexane	7.66	56	7831	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	28705	4.760	ug/l #	50
38) Carbon Tetrachloride	7.67	117	34525	5.935	ug/l #	17
41) Methacrylonitrile	7.21	41	211	0.823	ug/l #	30
43) Isopropyl Acetate	8.20	43	4391	0.591	ug/l #	56
71) Bromoform	12.39	173	753	0.308	ug/l #	1
73) Isopropylbenzene	12.25	105	30	Below Cal	#	49
76) 1,2,3-Trichloropropane	12.40	75	124578	45.103	ug/l #	100
79) 2-Chlorotoluene	12.59	91	222	Below Cal	#	42
81) trans-1,4-Dichloro-2-buten	12.40	75	124578	159.742	ug/l #	7
83) tert-Butylbenzene	12.99	119	64	Below Cal	#	25

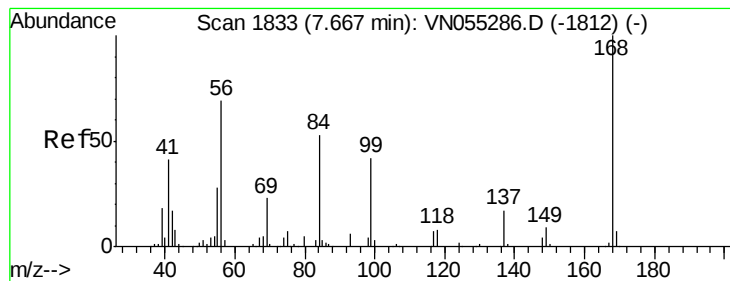
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055328.D

Acq: 1 May 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

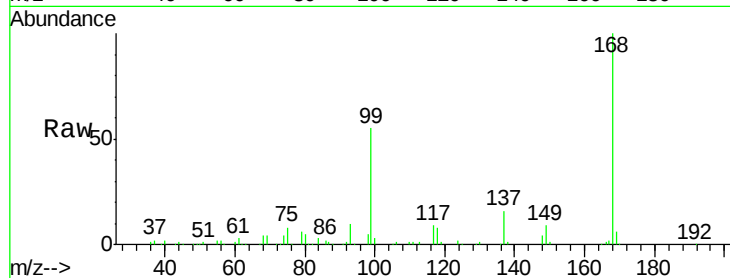
TRIP-BLANK

Tot Ion:168 Resp: 364871

Ion Ratio Lower Upper

168 100

99 55.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055328.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055328.D (-1740) (-)

7.67

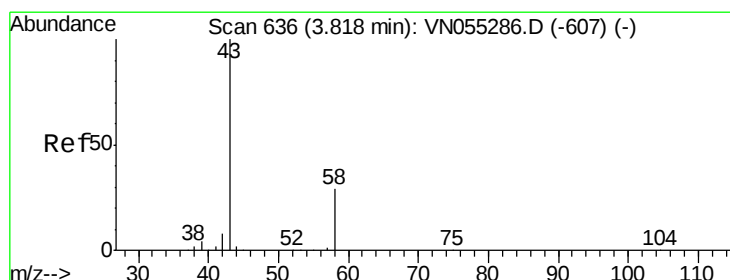
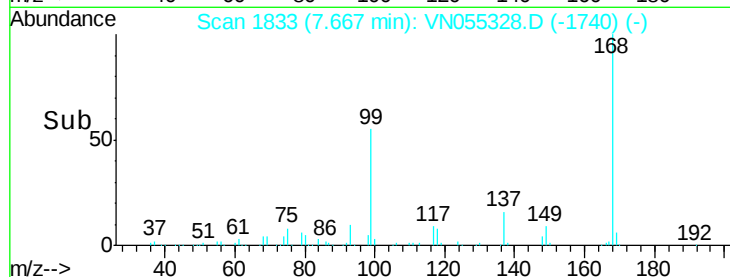
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.859 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055328.D

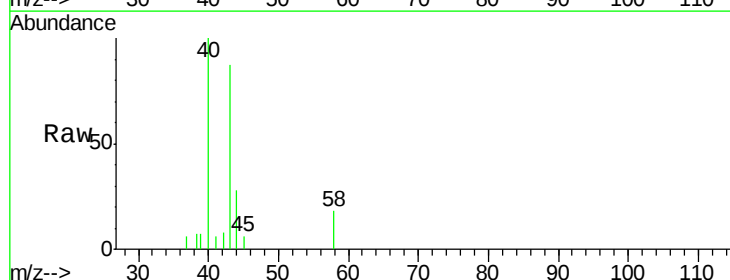
Acq: 1 May 2019 14:43

Tgt Ion: 43 Resp: 5740

Ion Ratio Lower Upper

43 100

58 20.4 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055328.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055328.D (-543) (-)

3.82

2500

2000

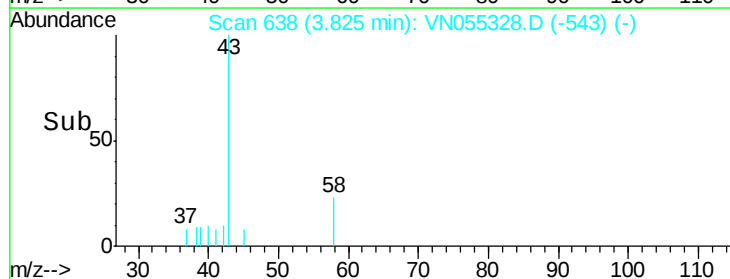
1500

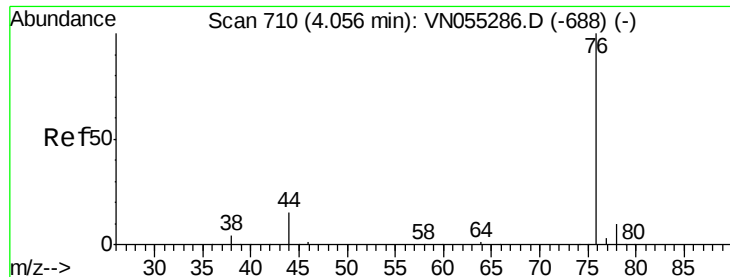
1000

500

0

Time-->

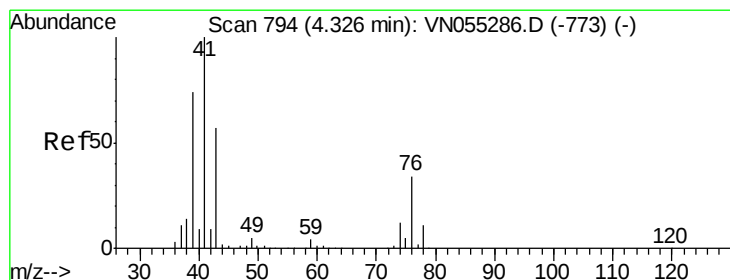
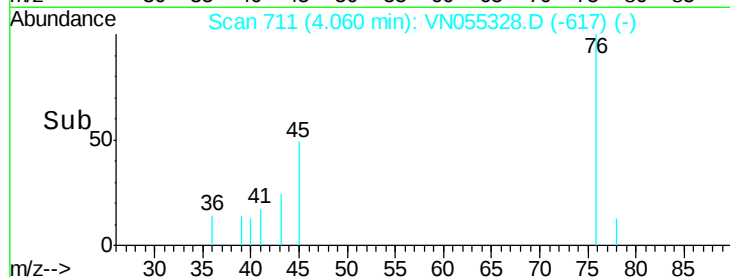
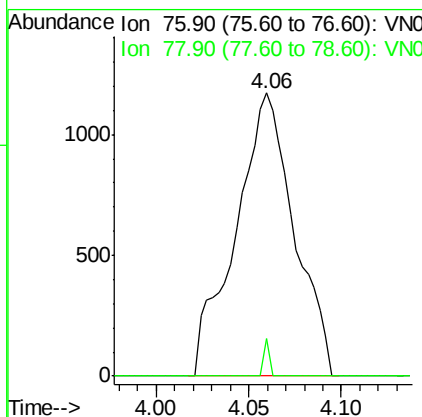
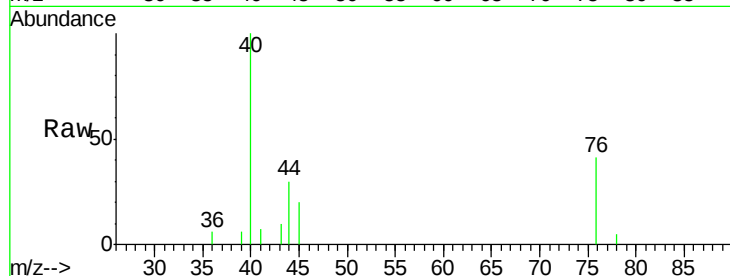




#17
Carbon Disulfide
Concen: 0.273 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN055328.D
Acq: 1 May 2019 14:43

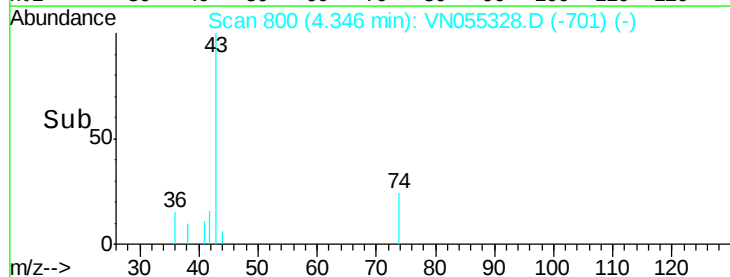
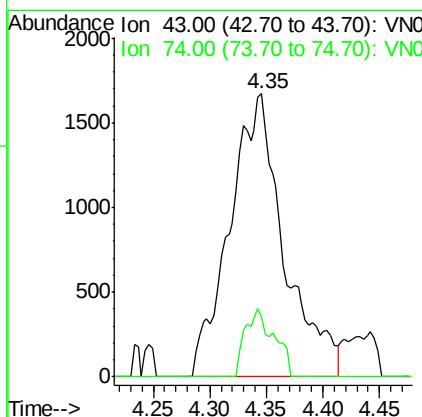
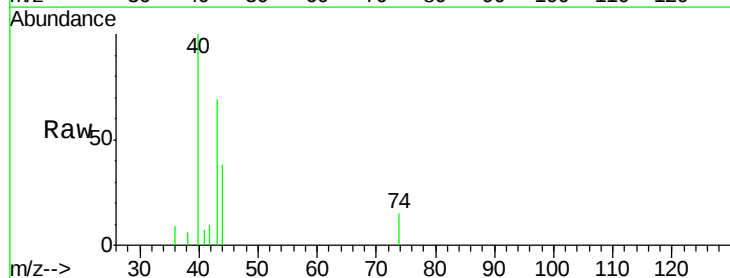
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

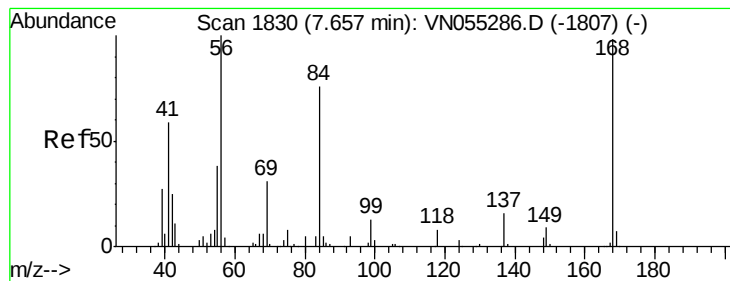
Tot Ion: 76 Resp: 2570
Ion Ratio Lower Upper
76 100
78 13.2 7.6 11.4#



#18
Methyl Acetate
Concen: 0.516 ug/l
RT: 4.35 min Scan# 800
Delta R.T. 0.02 min
Lab File: VN055328.D
Acq: 1 May 2019 14:43

Tgt Ion: 43 Resp: 5583
Ion Ratio Lower Upper
43 100
74 12.8 15.8 23.8#





#31

Cyclohexane

Concen: 1.043 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055328.D

Acq: 1 May 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

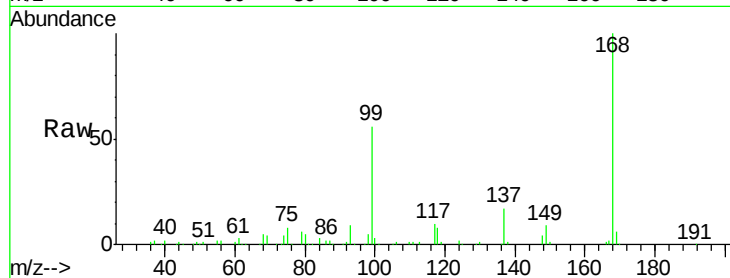
Tot Ion: 56 Resp: 7831

Ion Ratio Lower Upper

56 100

69 166.5 25.2 37.8#

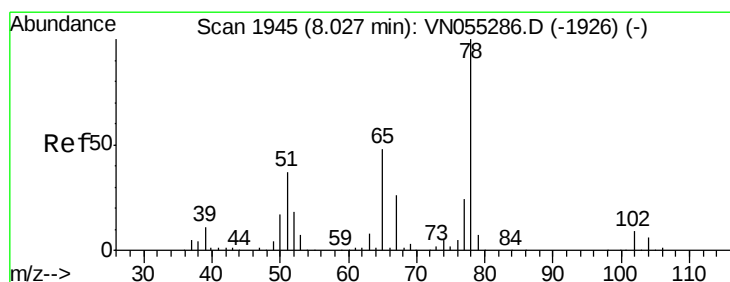
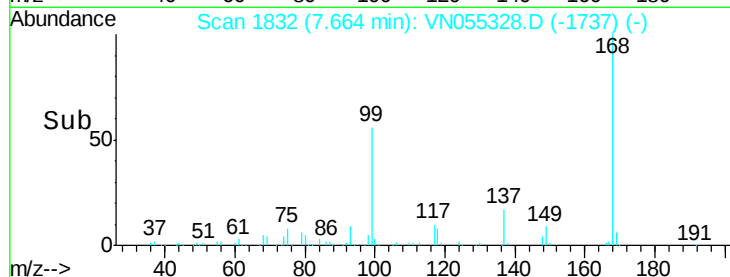
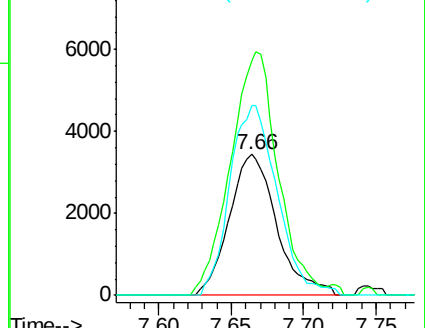
84 134.7 61.1 91.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.463 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055328.D

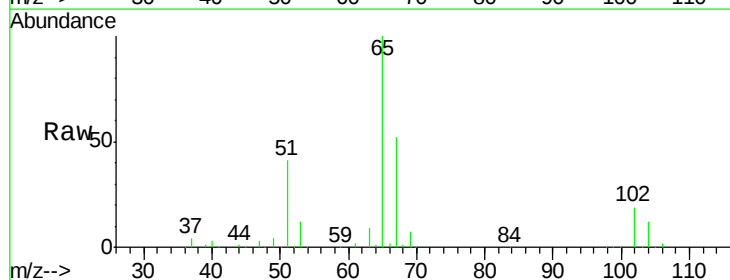
Acq: 1 May 2019 14:43

Tgt Ion: 65 Resp: 255195

Ion Ratio Lower Upper

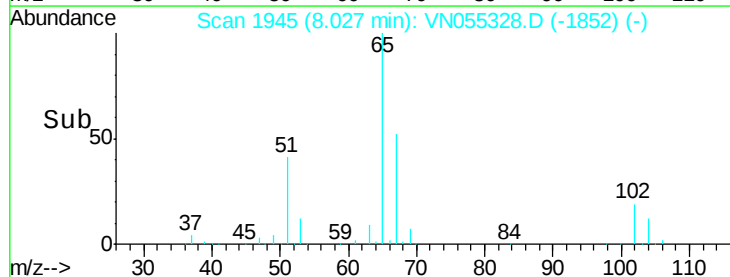
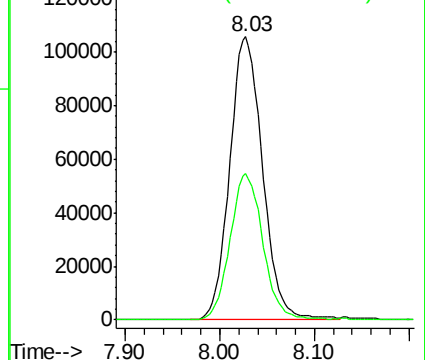
65 100

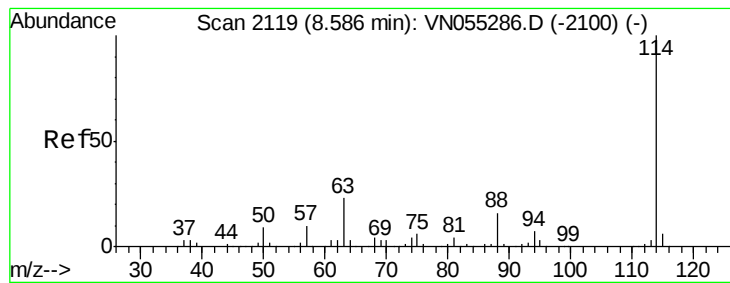
67 51.5 0.0 106.8



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055328.D

Acq: 1 May 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

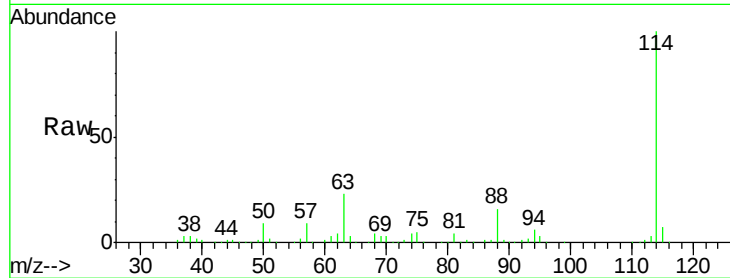
Tot Ion:114 Resp: 629539

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.2

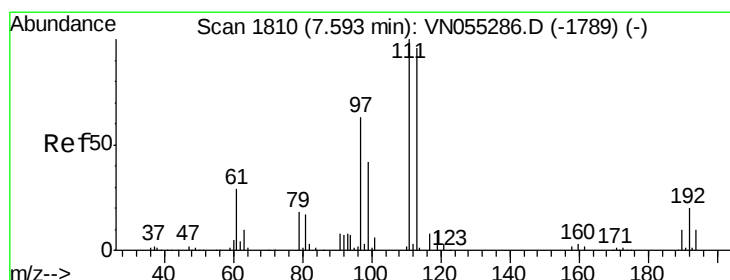
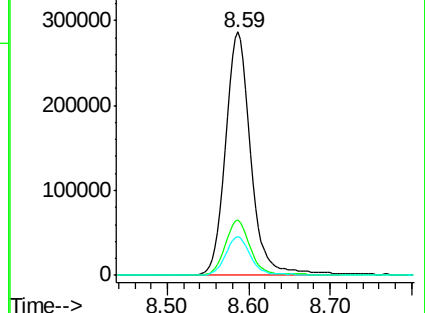
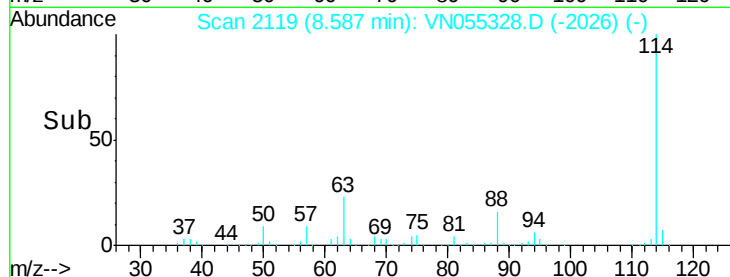
88 15.8 0.0 31.6



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: 49.717 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055328.D

Acq: 1 May 2019 14:43

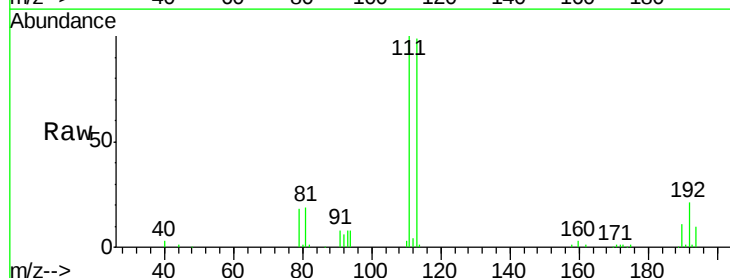
Tgt Ion:113 Resp: 205435

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

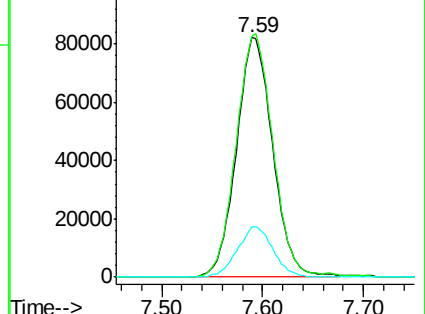
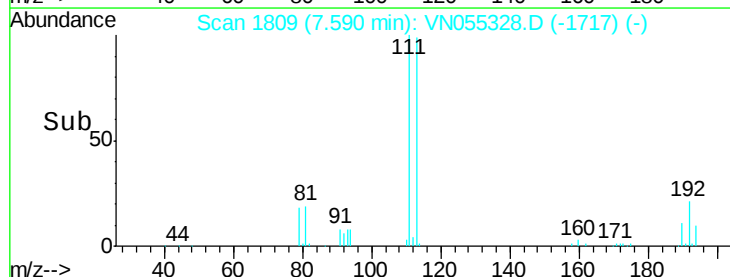
192 20.6 17.0 25.6

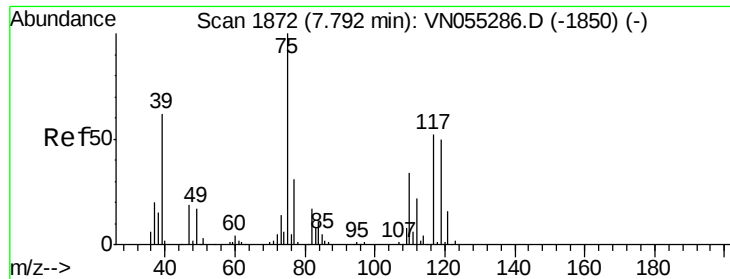


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

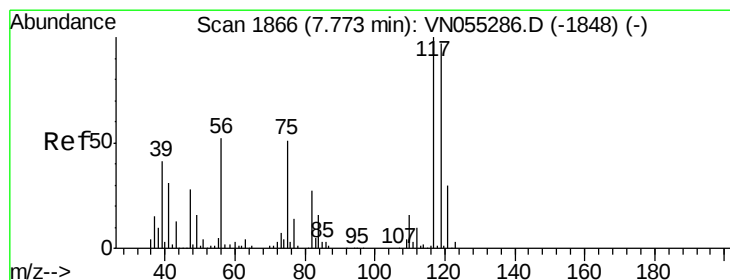
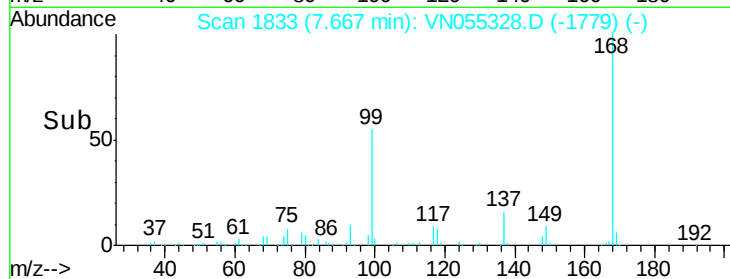
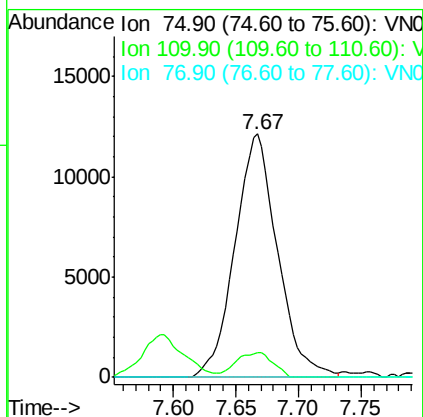
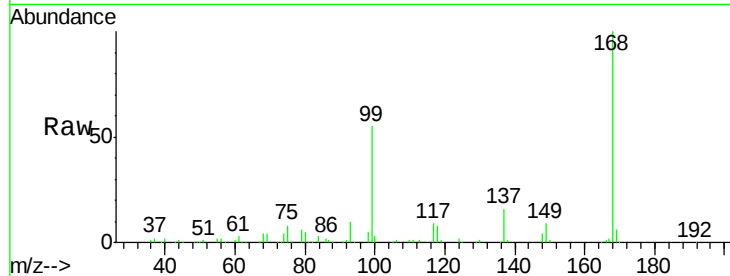




#36
 1,1-Dichloropropene
 Concen: 4.760 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055328.D
 Acq: 1 May 2019 14:43

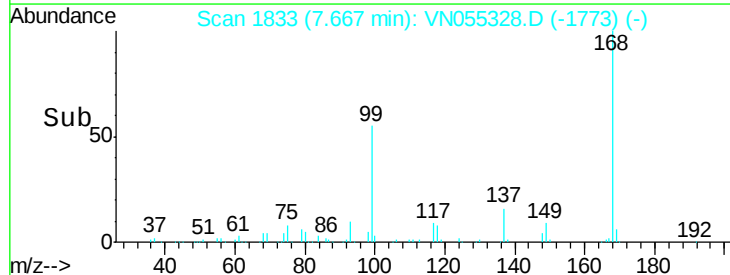
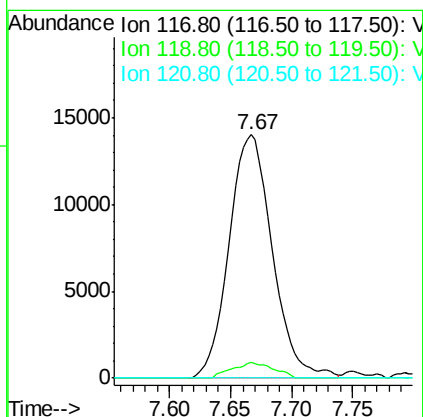
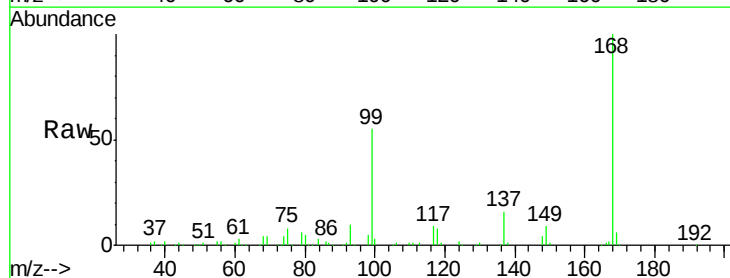
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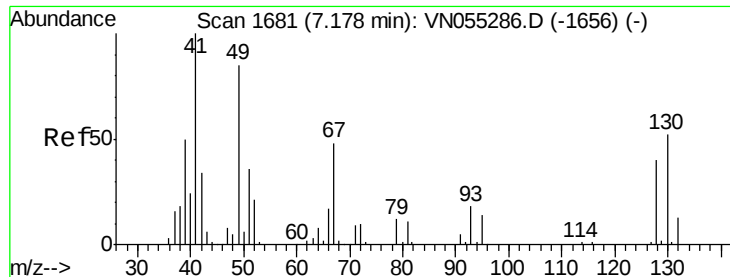
Tot Ion: 75 Resp: 28705
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.935 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055328.D
 Acq: 1 May 2019 14:43

Tgt Ion: 117 Resp: 34525
 Ion Ratio Lower Upper
 117 100
 119 6.5 77.0 115.6#
 121 0.0 23.8 35.8#

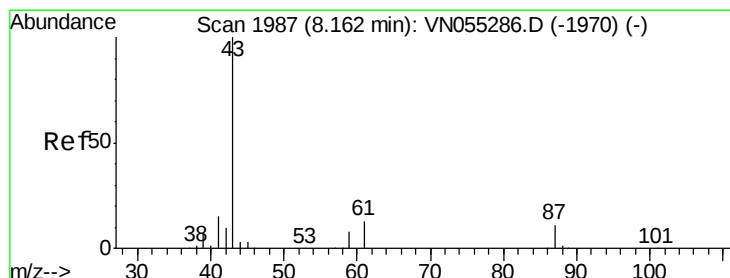
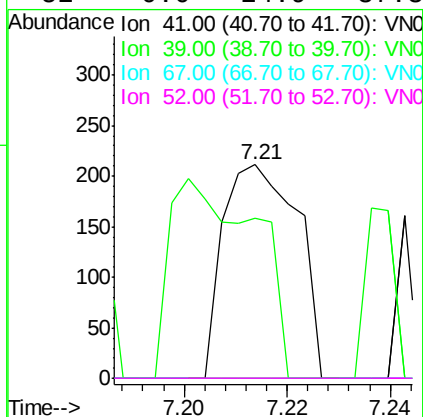
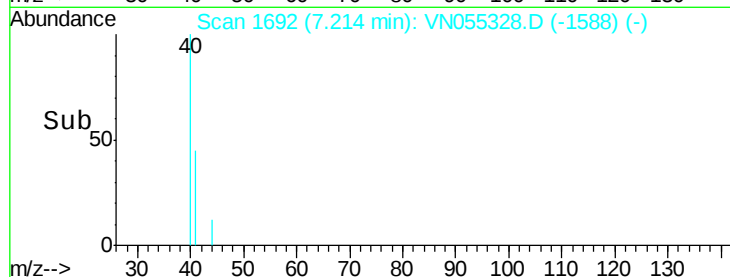
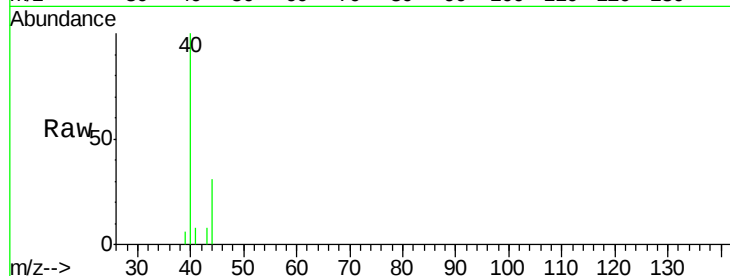




#41
Methacrylonitrile
Concen: 0.823 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN055328.D
Acq: 1 May 2019 14:43

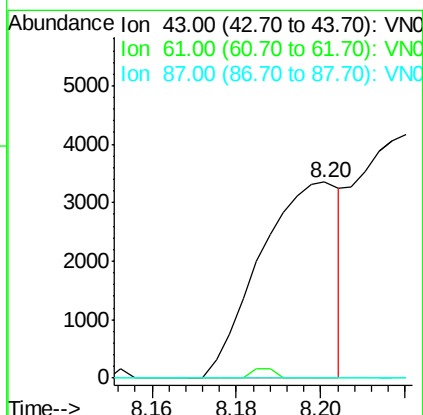
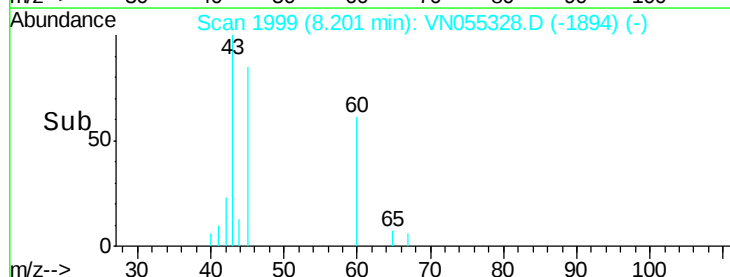
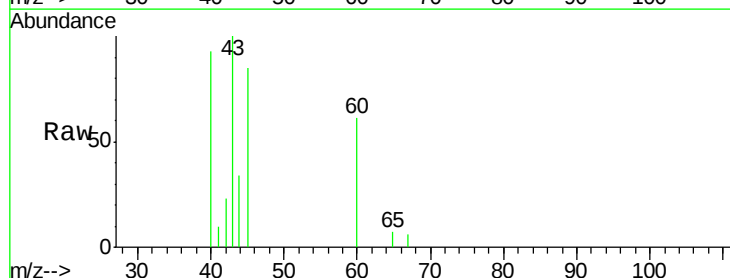
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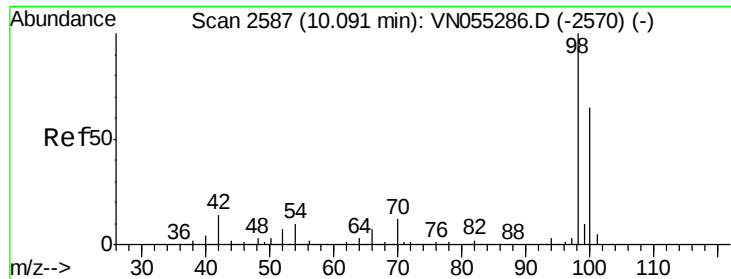
Tot Ion: 41 Resp: 211
Ion Ratio Lower Upper
41 100
39 107.1 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 0.591 ug/l
RT: 8.20 min Scan# 1999
Delta R.T. 0.04 min
Lab File: VN055328.D
Acq: 1 May 2019 14:43

Tgt Ion: 43 Resp: 4391
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 8.5 12.7#





#50

Toluene-d8

Concen: 52.494 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055328.D

Acq: 1 May 2019 14:43

Instrument :

MSVOA_N

ClientSampled :

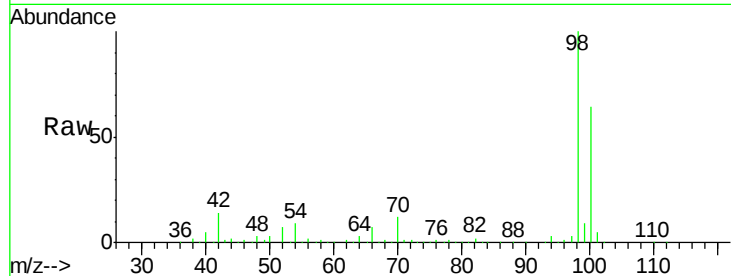
TRIP-BLANK

Tot Ion: 98 Resp: 783238

Ion Ratio Lower Upper

98 100

100 62.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

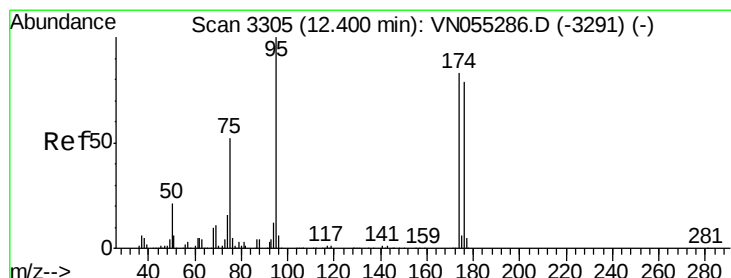
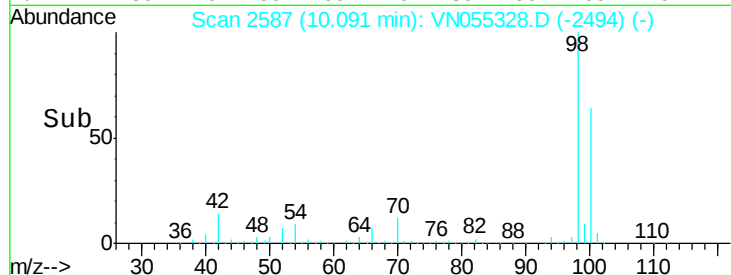
200000

100000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 49.526 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055328.D

Acq: 1 May 2019 14:43

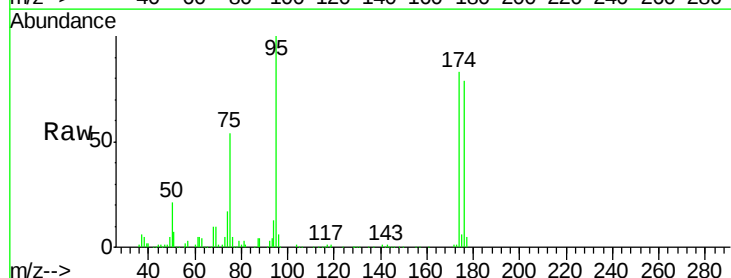
Tgt Ion: 95 Resp: 230947

Ion Ratio Lower Upper

95 100

174 85.2 0.0 166.6

176 80.8 0.0 157.8



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

12.40

150000

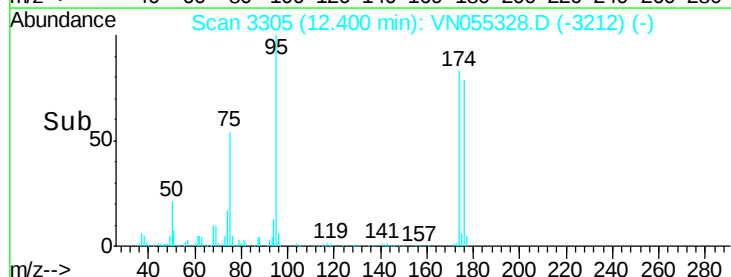
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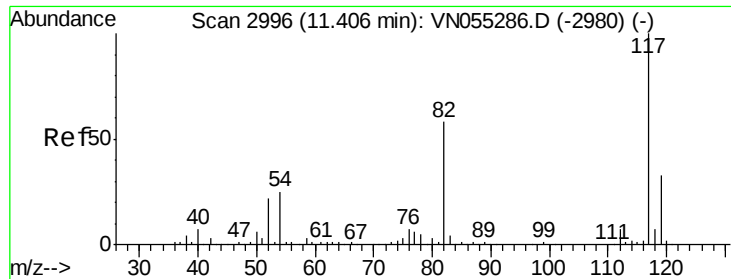
50000

0

Time-->

12.30 12.40 12.50

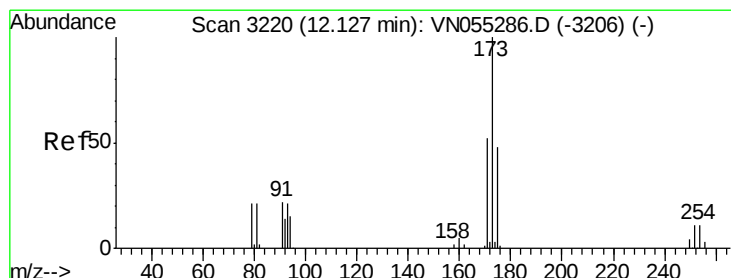
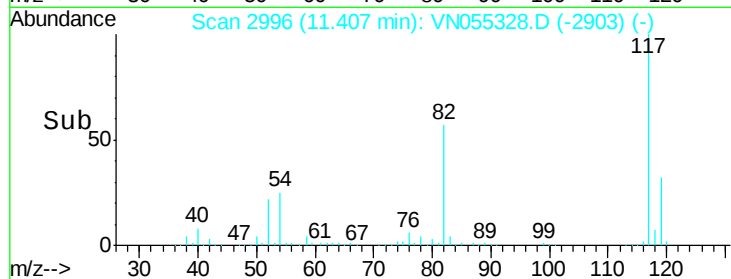
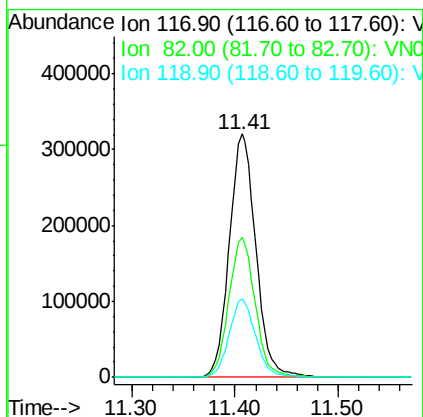
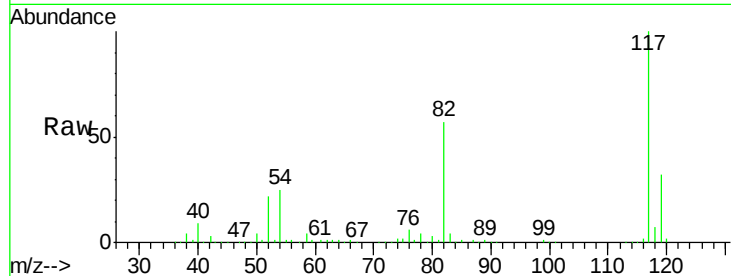




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055328.D
Acq: 1 May 2019 14:43

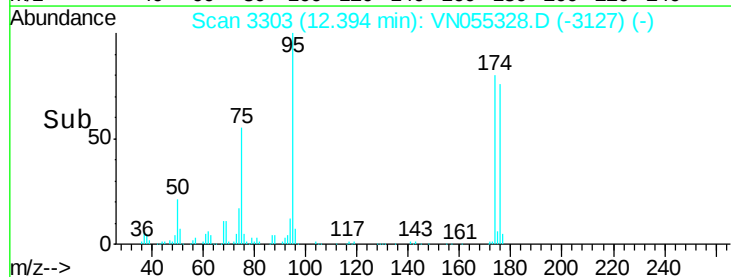
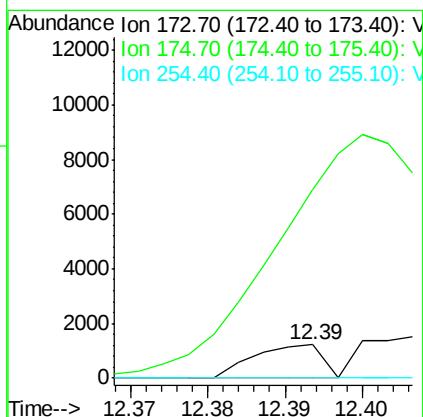
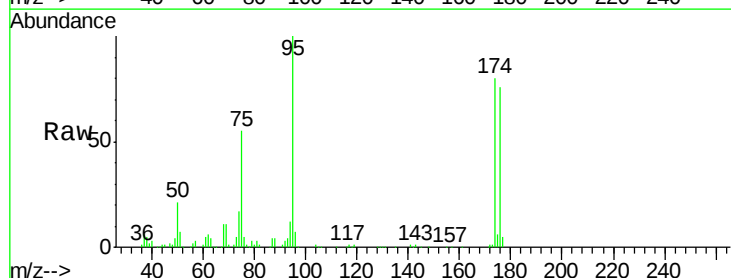
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

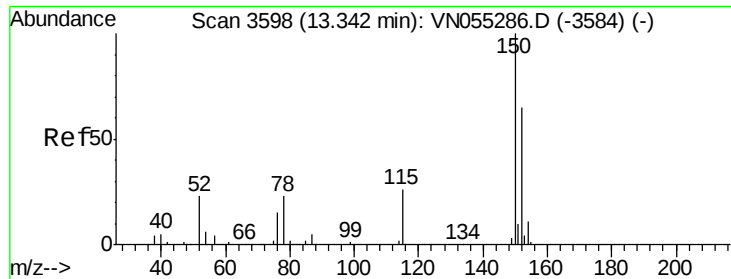
Tot Ion:117 Resp: 575647
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.4 26.6 40.0



#71
Bromoform
Concen: 0.308 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN055328.D
Acq: 1 May 2019 14:43

Tgt Ion:173 Resp: 753
Ion Ratio Lower Upper
173 100
175 1715.7 23.6 71.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055328.D

Acq: 1 May 2019 14:43

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

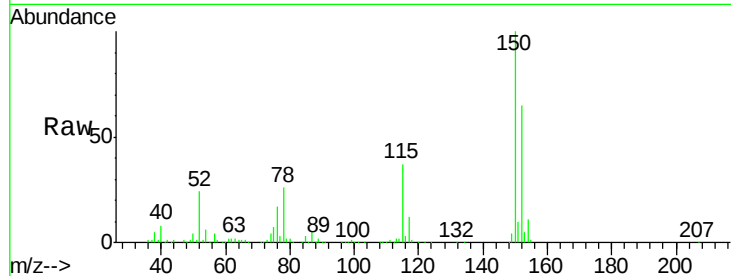
Tot Ion:152 Resp: 147791

Ion Ratio Lower Upper

152 100

115 57.6 29.0 87.0

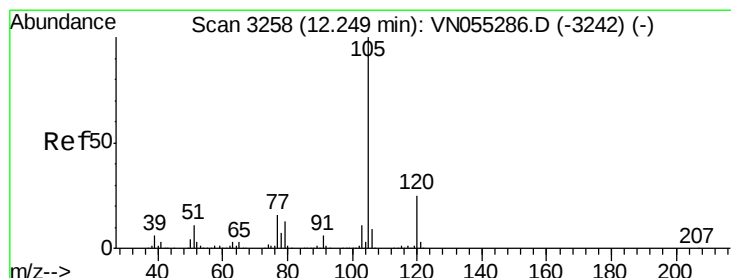
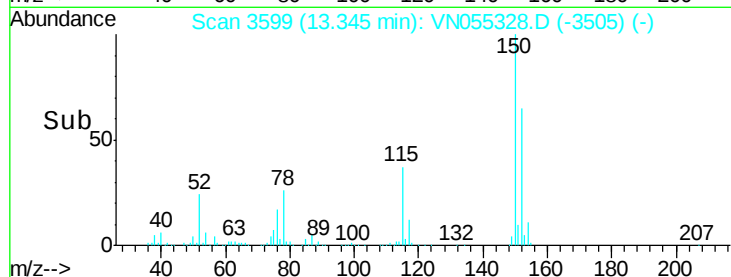
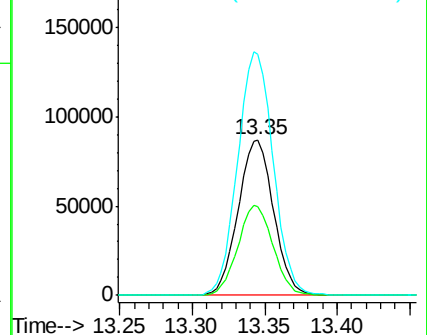
150 157.3 0.0 345.6



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: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055328.D

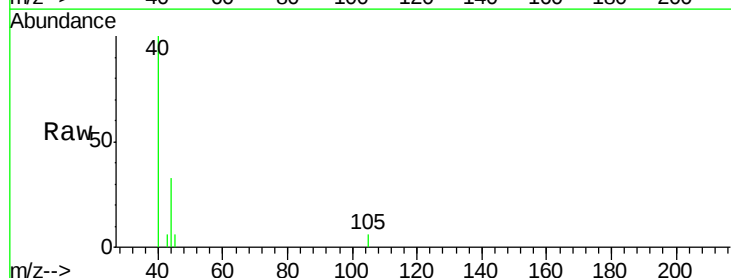
Acq: 1 May 2019 14:43

Tgt Ion:105 Resp: 30

Ion Ratio Lower Upper

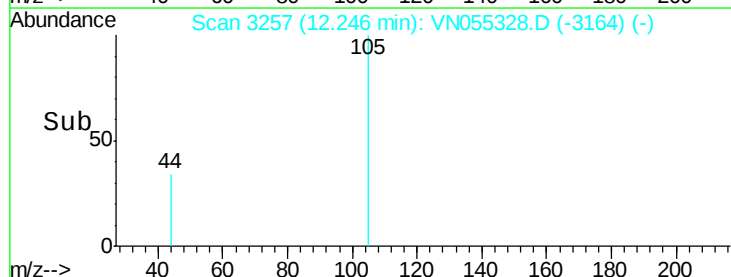
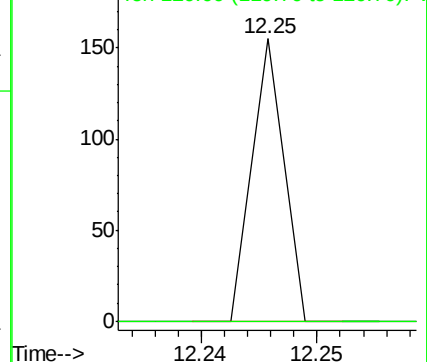
105 100

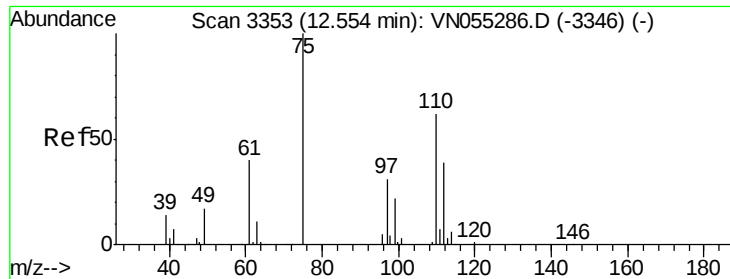
120 0.0 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 45.103 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055328.D

Acq: 1 May 2019 14:43

Instrument :

MSVOA_N

ClientSampled :

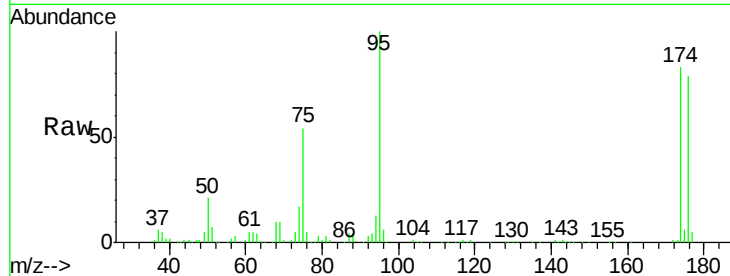
TRIP-BLANK

Tot Ion: 75 Resp: 124578

Ion Ratio Lower Upper

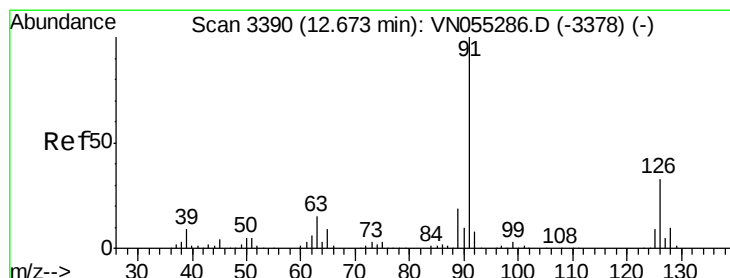
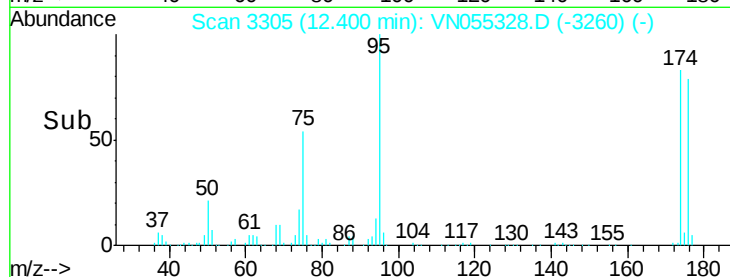
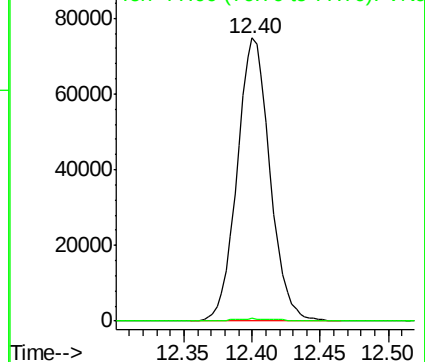
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.59 min Scan# 3363

Delta R.T. -0.09 min

Lab File: VN055328.D

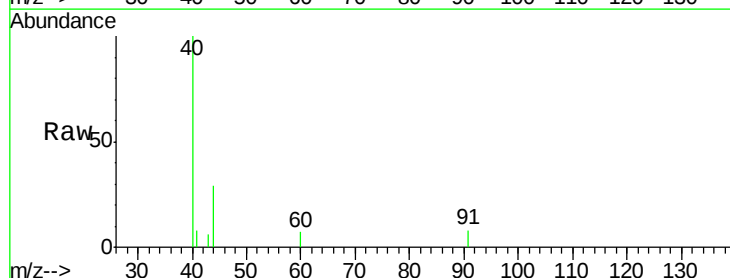
Acq: 1 May 2019 14:43

Tgt Ion: 91 Resp: 222

Ion Ratio Lower Upper

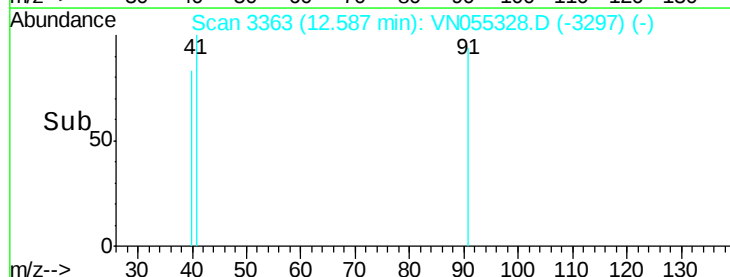
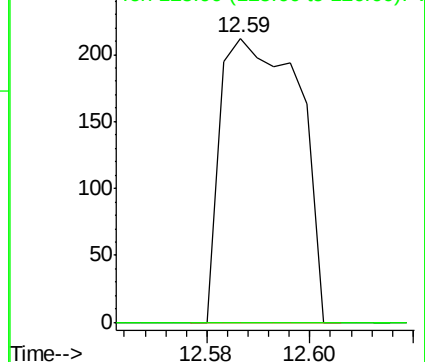
91 100

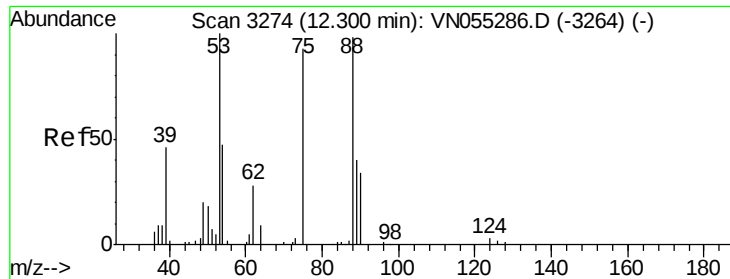
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 159.742 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055328.D

Acq: 1 May 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

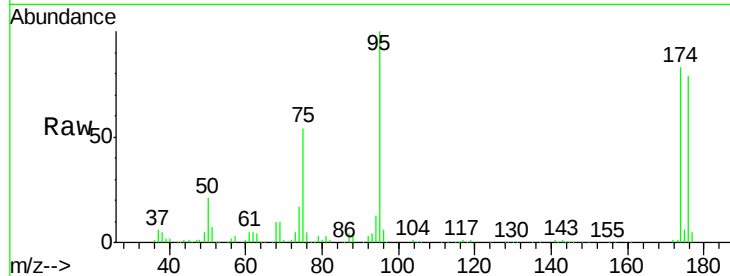
Tot Ion: 75 Resp: 124578

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

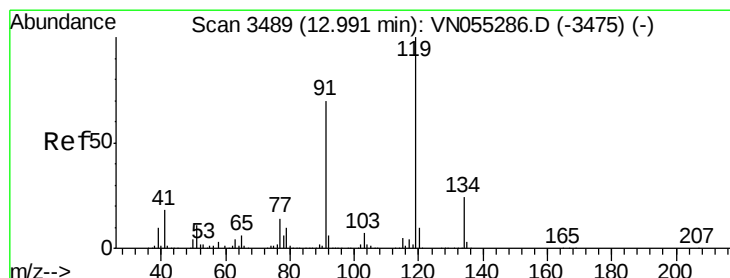
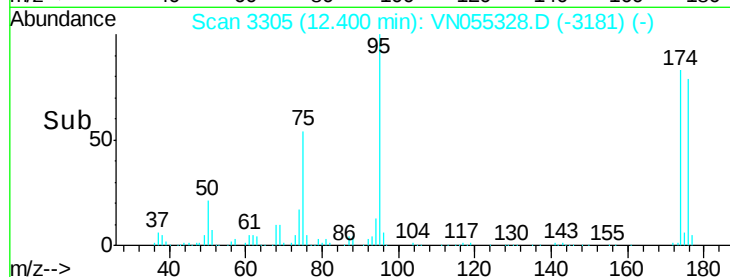
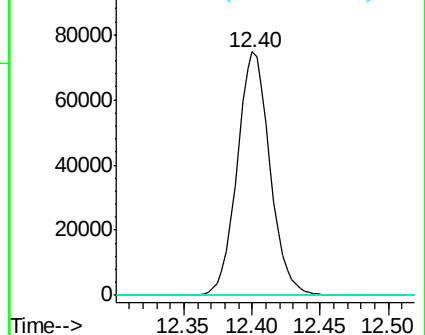
89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055328.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN055328.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN055328.D (-3305) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055328.D

Acq: 1 May 2019 14:43

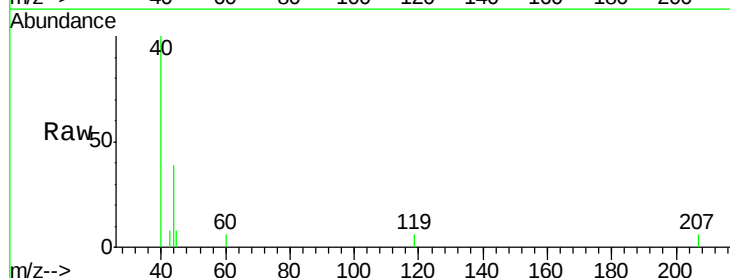
Tgt Ion: 119 Resp: 64

Ion Ratio Lower Upper

119 100

91 0.0 34.3 102.9#

134 0.0 13.1 39.3#



Abundance Ion 119.00 (118.70 to 119.70): VN055328.D (-3490) (-)

Ion 91.00 (90.70 to 91.70): VN055328.D (-3490) (-)

Ion 134.00 (133.70 to 134.70): VN055328.D (-3490) (-)

