

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050161.D
 Acq On : 28 Jul 2018 5:04
 Operator : MD\SY
 Sample : J4199-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Quant Time: Jul 30 01:53:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	692405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1131030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	943804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336694	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	480016	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
35) Dibromofluoromethane	7.59	113	428949	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	
50) Toluene-d8	10.09	98	1536554	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	
62) 4-Bromofluorobenzene	12.41	95	422132	37.76	ug/l	0.00
Spiked Amount			Recovery	=	75.52%	

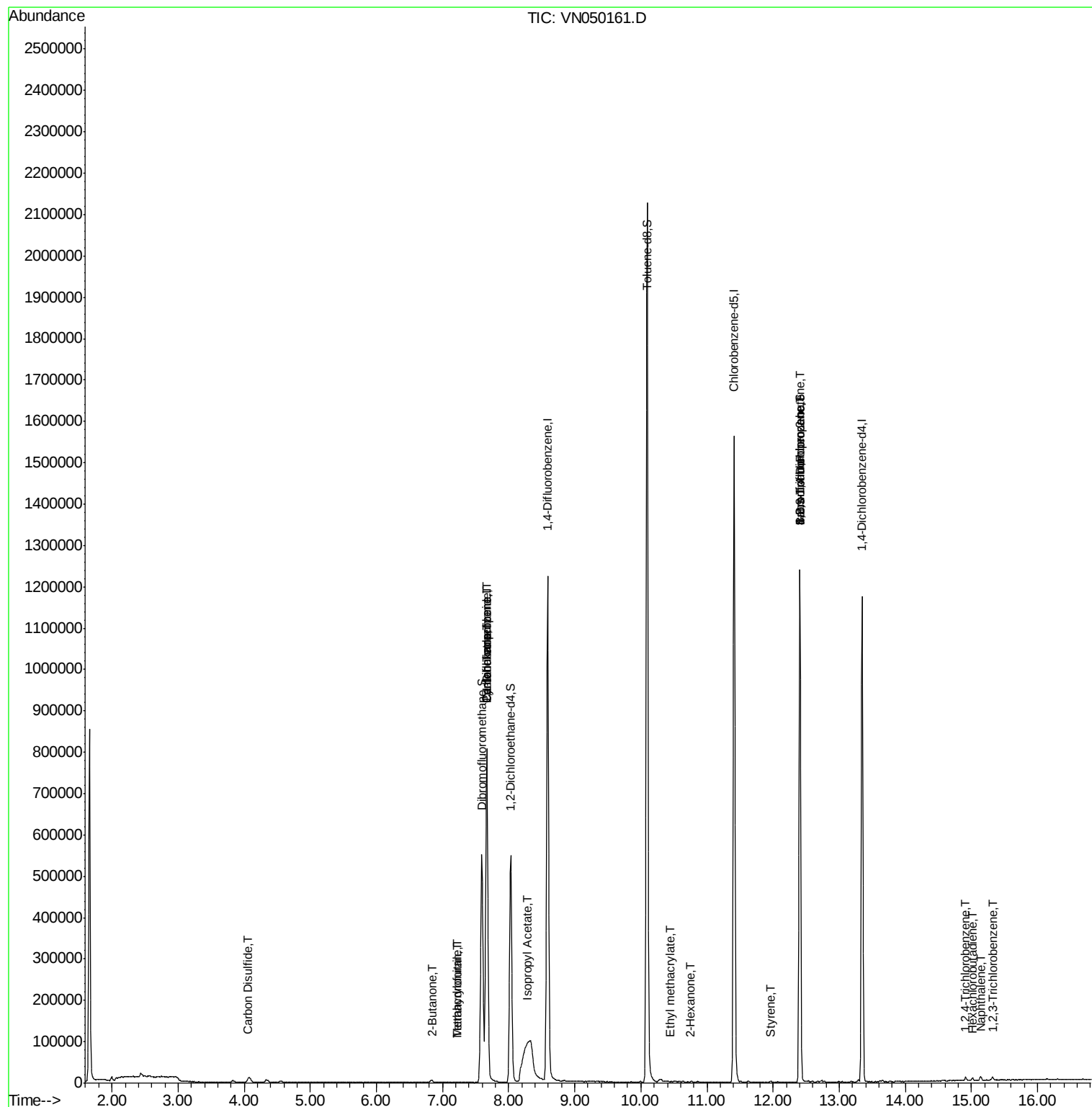
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	1821	Below Cal		82
16) Acetone	3.83	43	6967	Below Cal		95
17) Carbon Disulfide	4.05	76	7084	0.29	ug/l	100
18) Methyl Acetate	4.33	43	12600	Below Cal	#	78
20) Methylene Chloride	4.55	84	2472	Below Cal	#	90
25) 2-Butanone	6.85	43	1302	0.35	ug/l	# 48
29) Tetrahydrofuran	7.22	42	490	0.21	ug/l	# 43
31) Cyclohexane	7.66	56	12801	0.89	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	48624	3.82	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	64692	4.78	ug/l	# 16
41) Methacrylonitrile	7.22	41	522	2.86	ug/l	# 15
43) Isopropyl Acetate	8.26	43	131446	6.87	ug/l	# 61
56) Ethyl methacrylate	10.44	69	175	2.04	ug/l	# 87
59) 2-Hexanone	10.76	43	871	5.31	ug/l	91
70) Styrene	11.97	104	938	0.96	ug/l	95
71) Bromoform	12.40	173	3520	0.53	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.51	83	265	Below Cal	#	75
76) 1,2,3-Trichloropropane	12.41	75	207674	33.19	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.41	75	207674	105.27	ug/l	# 13
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	3124	3.54	ug/l	93
94) Hexachlorobutadiene	15.01	225	1453	0.39	ug/l	85
95) Naphthalene	15.14	128	8600	4.93	ug/l	95
96) 1,2,3-Trichlorobenzene	15.32	180	3266	2.70	ug/l	97

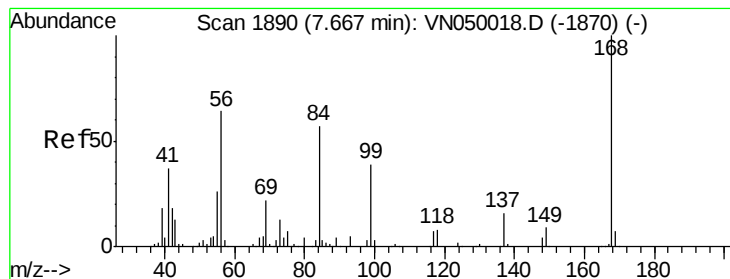
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

Instrument :

MSVOA_N

ClientSampleId :

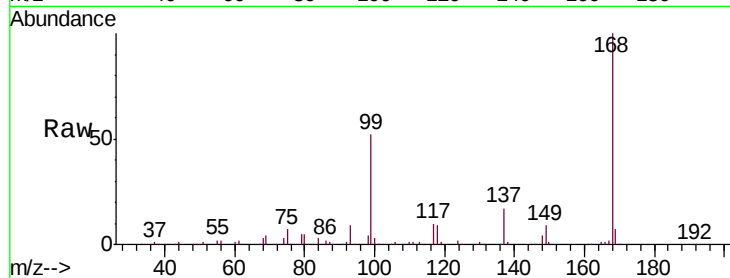
TRIPBLANK

Tot Ion:168 Resp: 692405

Ion Ratio Lower Upper

168 100

99 52.5 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

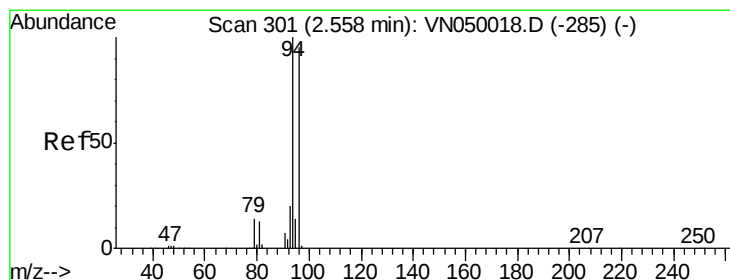
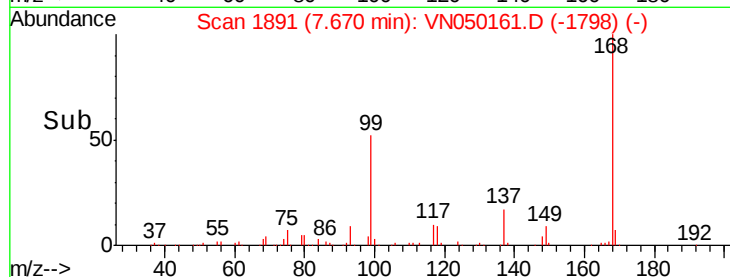
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.02 min

Lab File: VN050161.D

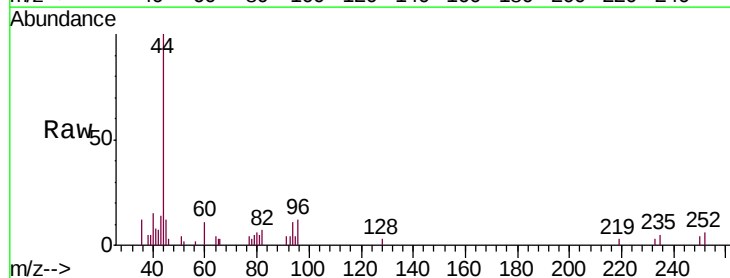
Acq: 28 Jul 2018 5:04

Tgt Ion: 94 Resp: 1821

Ion Ratio Lower Upper

94 100

96 110.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

1000

800

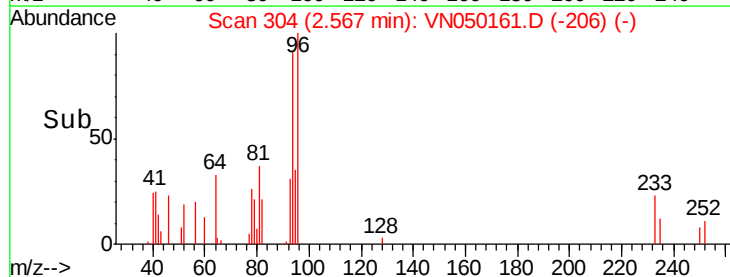
600

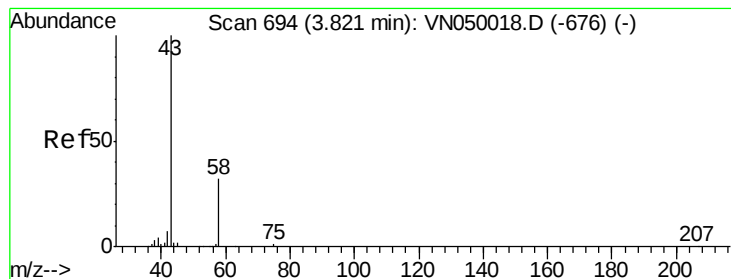
400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

Instrument :

MSVOA_N

ClientSampleId :

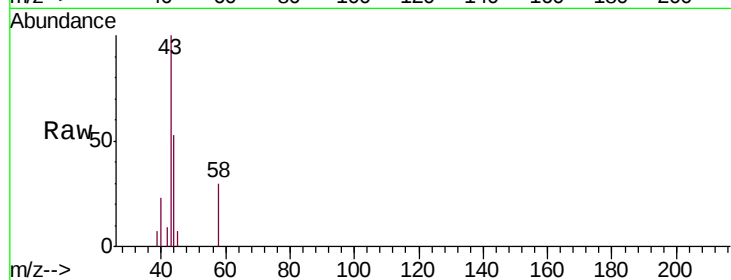
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Tot Ion: 43 Resp: 6967

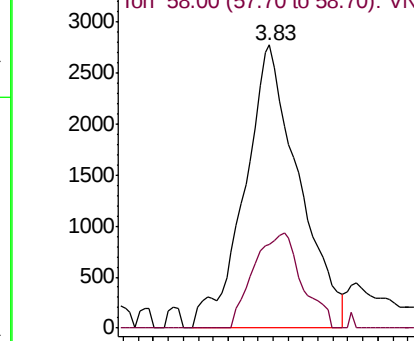
Ion Ratio Lower Upper

43 100

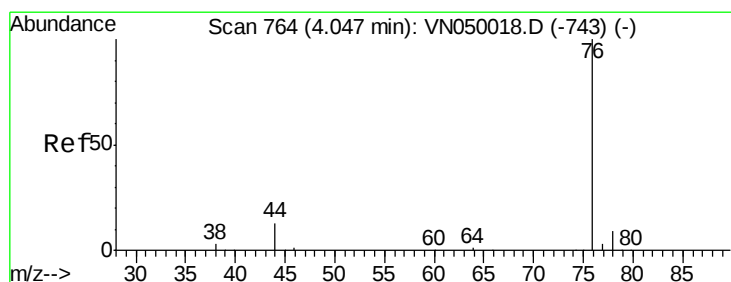
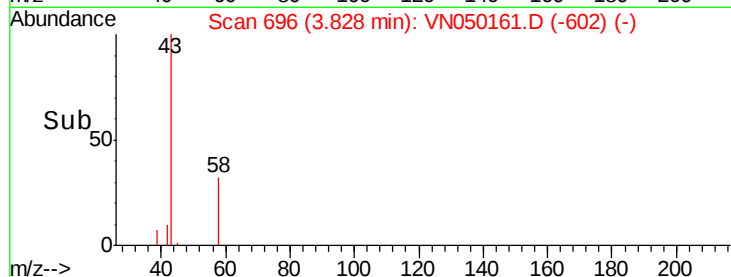
58 29.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO



Time-->



#17

Carbon Disulfide

Concen: 0.29 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050161.D

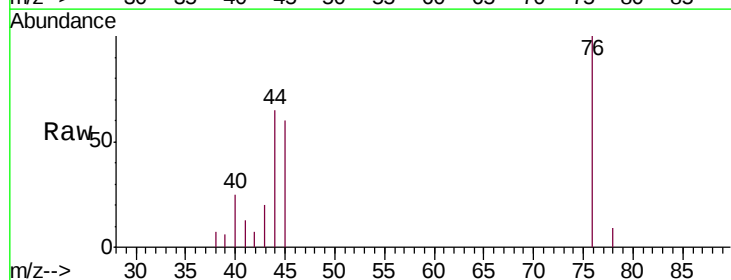
Acq: 28 Jul 2018 5:04

Tgt Ion: 76 Resp: 7084

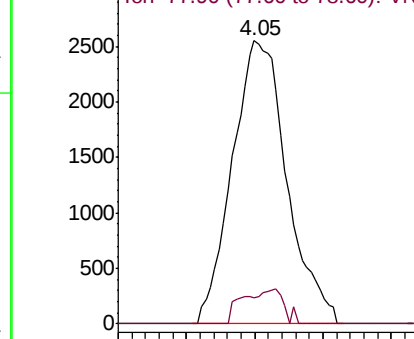
Ion Ratio Lower Upper

76 100

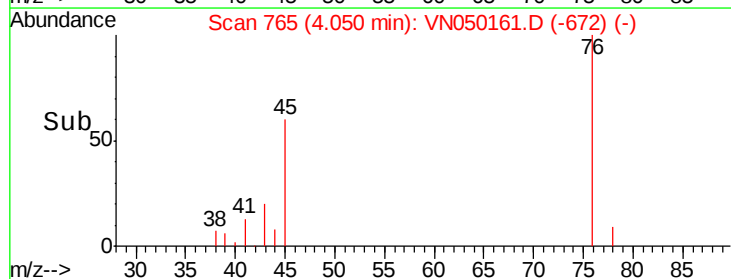
78 9.2 7.3 10.9

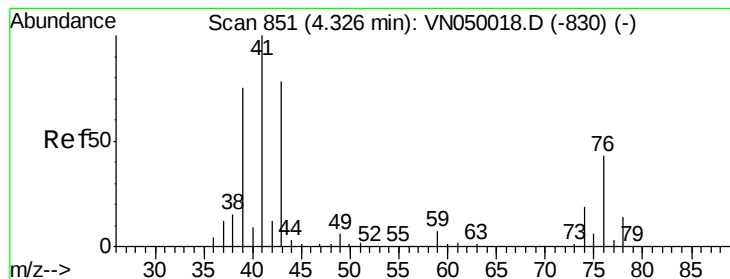


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



Time-->





#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

Instrument :

MSVOA_N

ClientSampled :

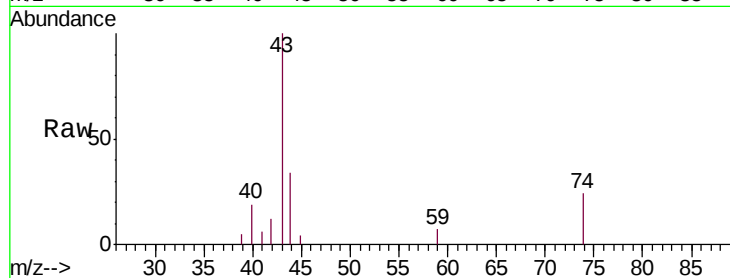
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Tot Ion: 43 Resp: 12600

Ion Ratio Lower Upper

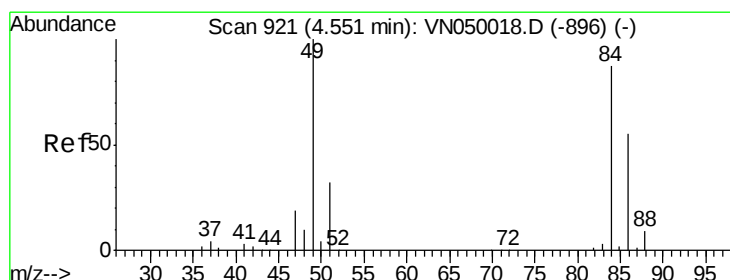
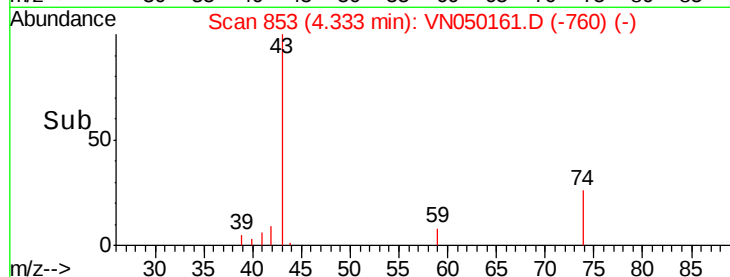
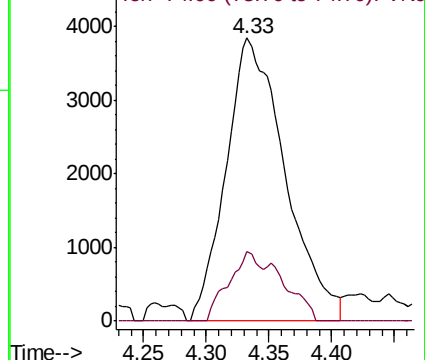
43 100

74 13.2 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

Tgt Ion: 84 Resp: 2472

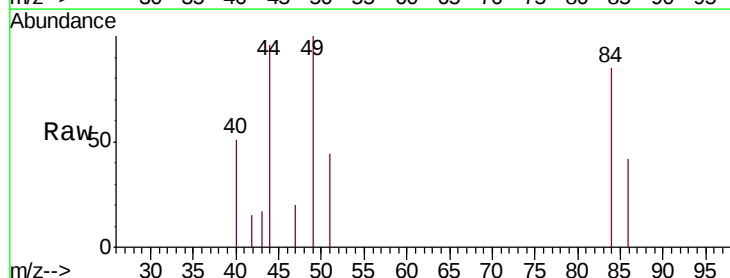
Ion Ratio Lower Upper

84 100

49 117.3 94.8 142.2

51 51.2 28.3 42.5#

86 49.5 51.0 76.6#

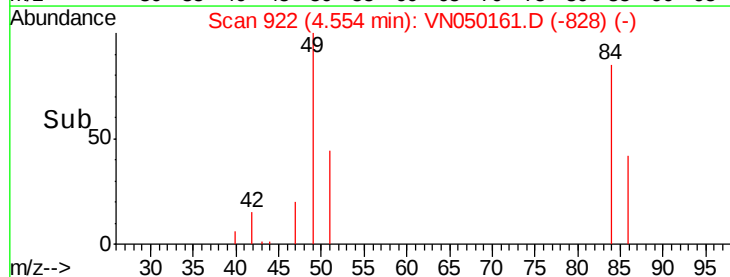
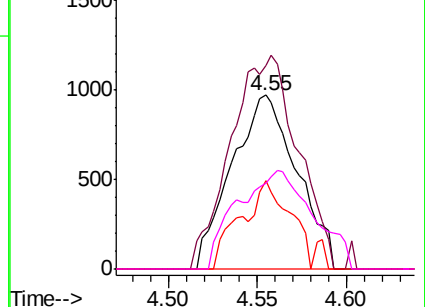


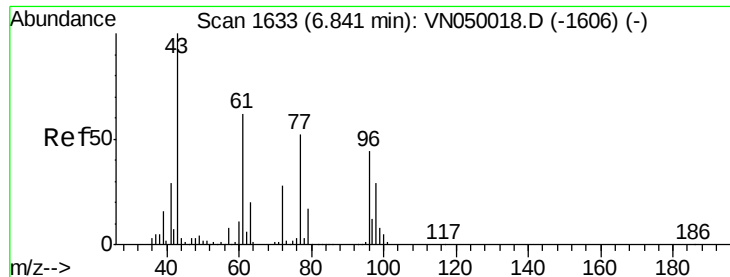
Abundance Ion 83.90 (83.60 to 84.60): VN0

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





#25

2-Butanone

Concen: 0.35 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

Instrument :

MSVOA_N

ClientSampleId :

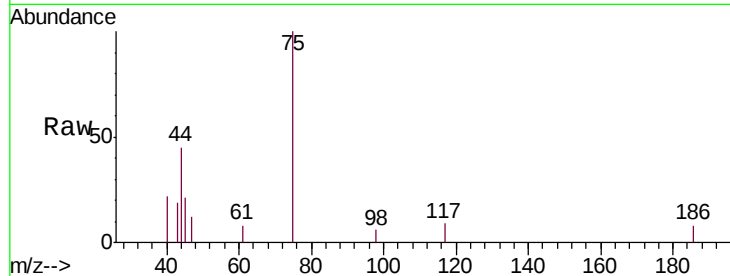
TRIPBLANK

Tot Ion: 43 Resp: 1302

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

400

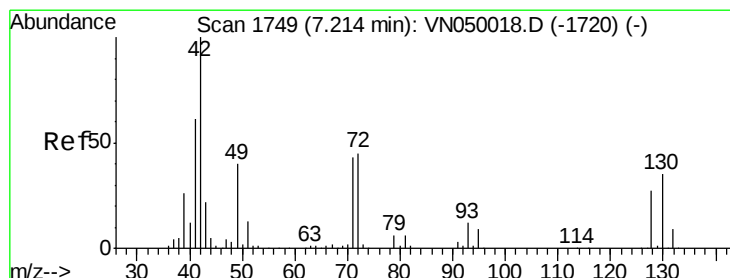
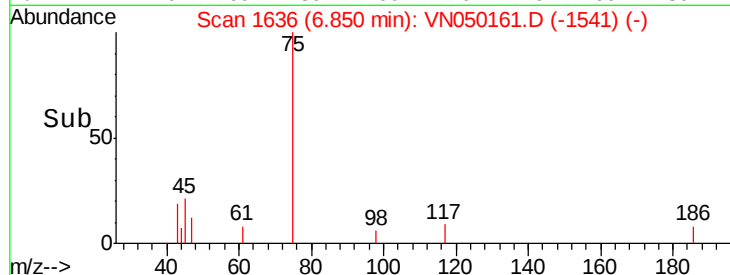
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

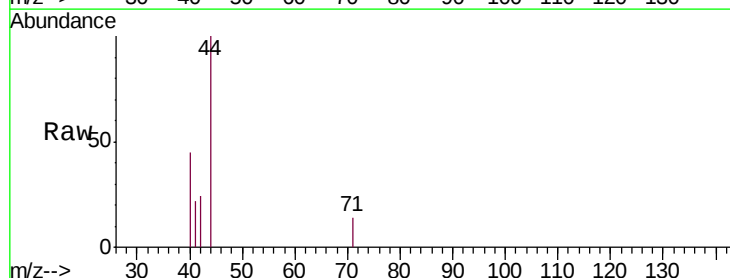
Tgt Ion: 42 Resp: 490

Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 13.7 33.7 50.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

7.22

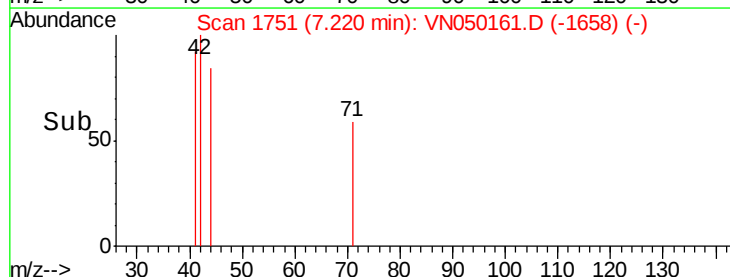
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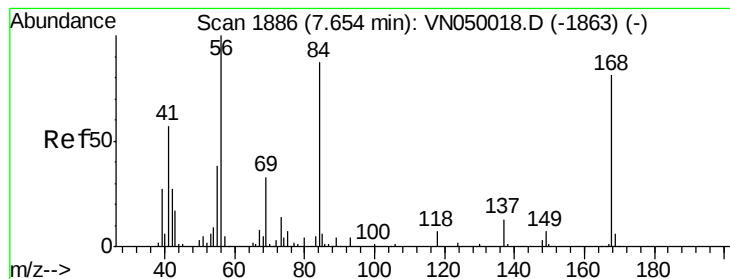
200

100

0

Time-->





#31

Cyclohexane

Concen: 0.89 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK

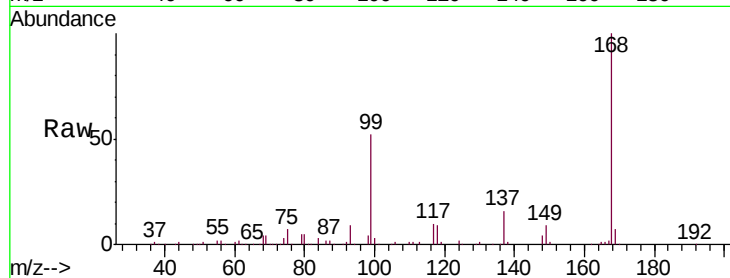
Tot Ion: 56 Resp: 12801

Ion Ratio Lower Upper

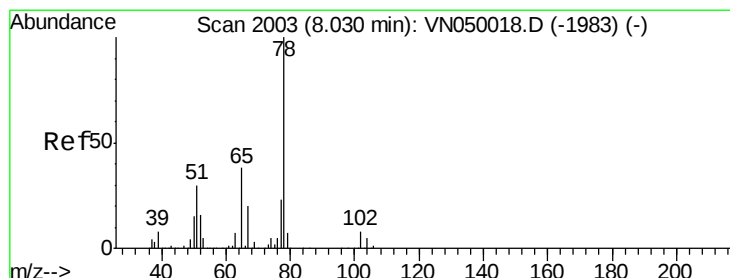
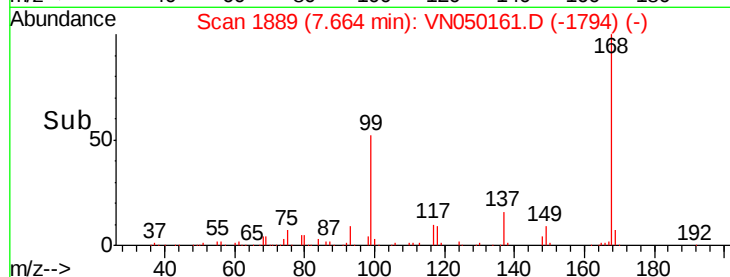
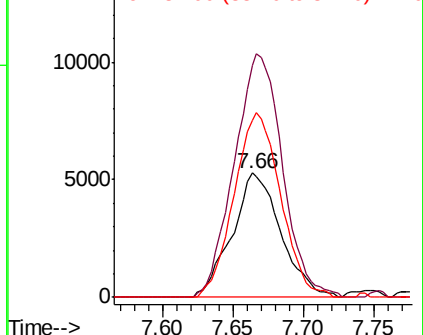
56 100

69 187.2 26.2 39.4#

84 143.0 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 49.69 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050161.D

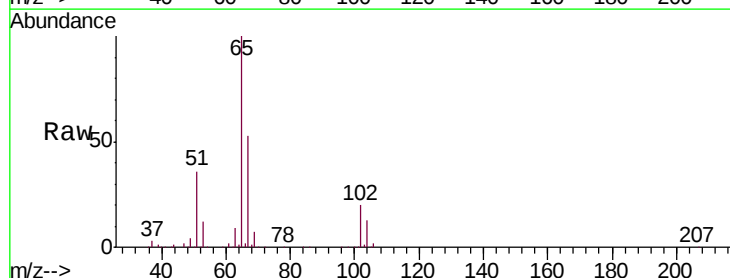
Acq: 28 Jul 2018 5:04

Tgt Ion: 65 Resp: 480016

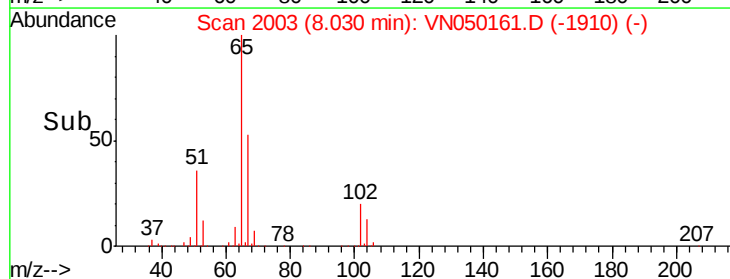
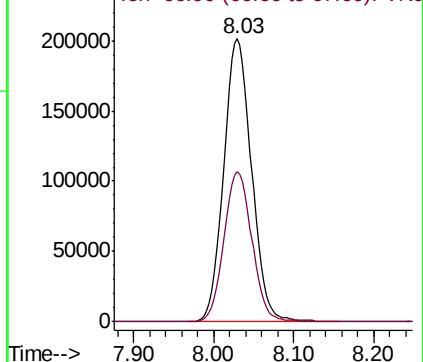
Ion Ratio Lower Upper

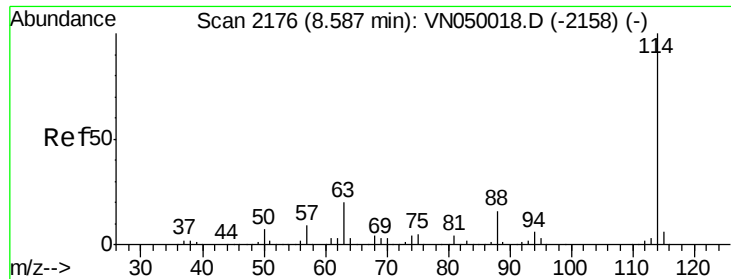
65 100

67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

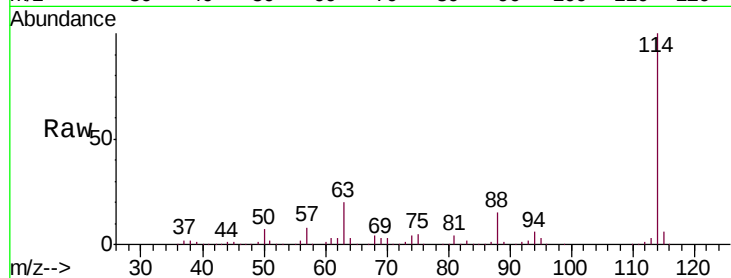




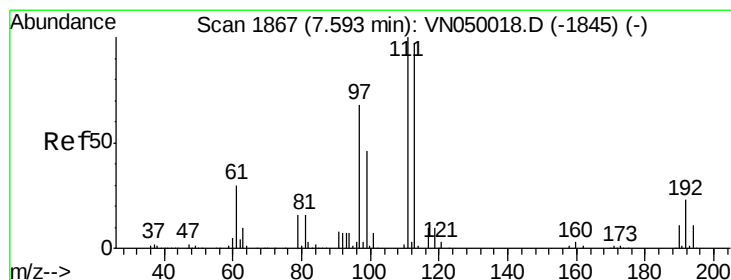
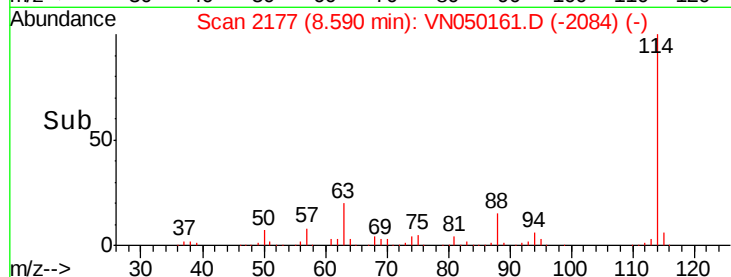
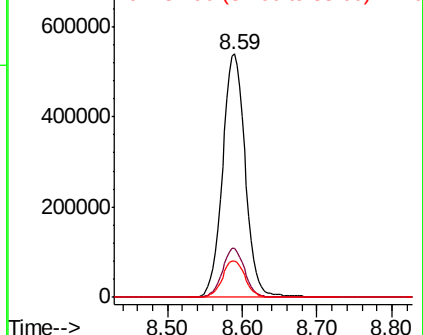
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VN050161.D
 Acq: 28 Jul 2018 5:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Tot Ion:114 Resp: 1131030
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.1 0.0 31.2

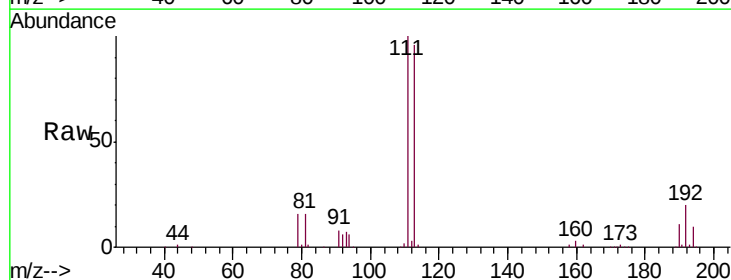


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

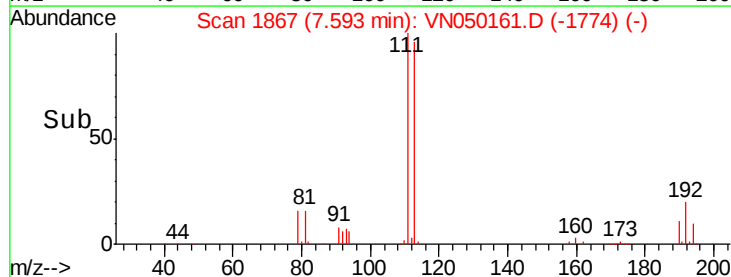
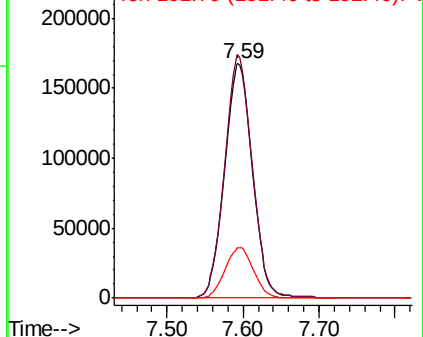


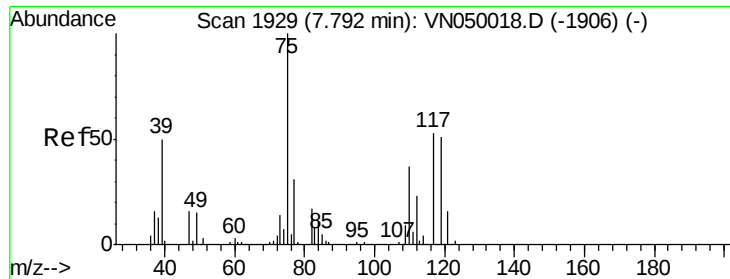
#35
 Dibromofluoromethane
 Concen: 46.45 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050161.D
 Acq: 28 Jul 2018 5:04

Tgt Ion:113 Resp: 428949
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 21.9 17.8 26.6



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

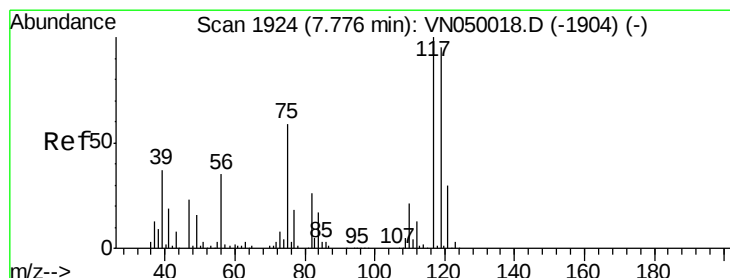
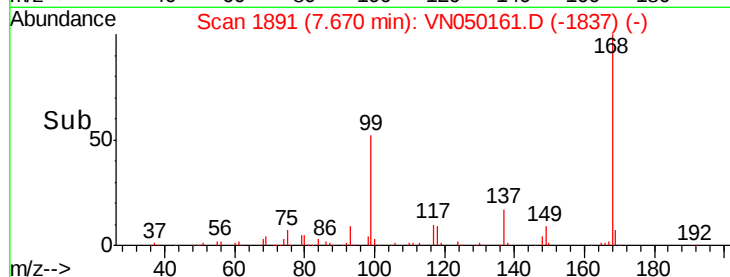
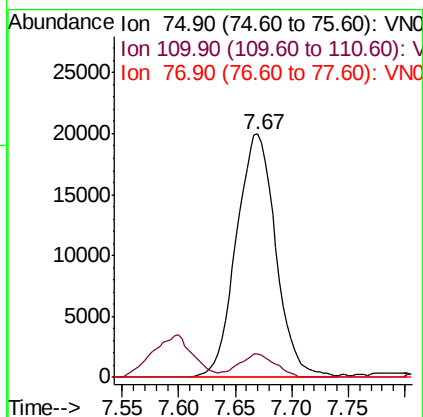
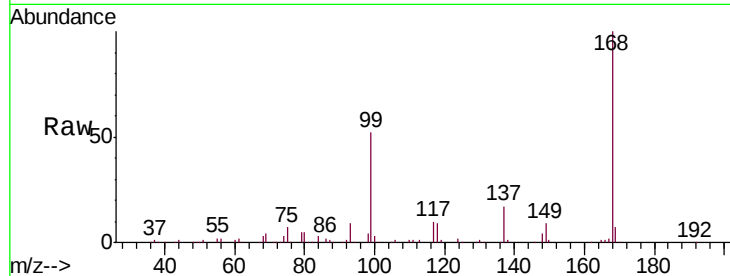




#36
 1,1-Dichloropropene
 Concen: 3.82 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.13 min
 Lab File: VN050161.D
 Acq: 28 Jul 2018 5:04

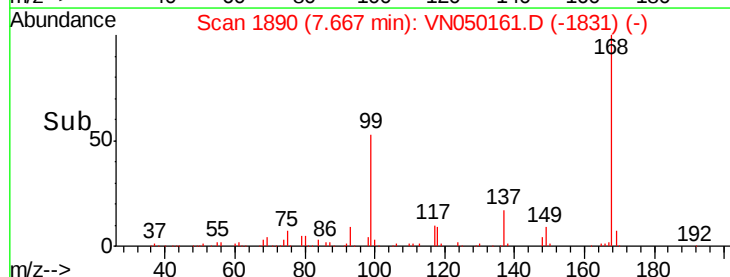
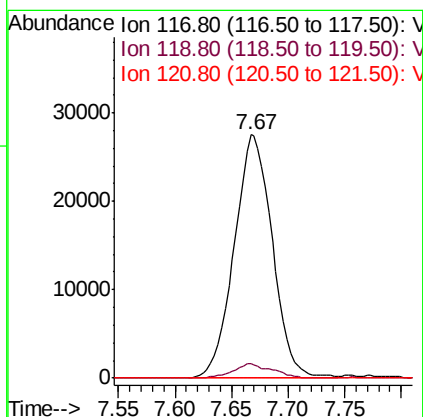
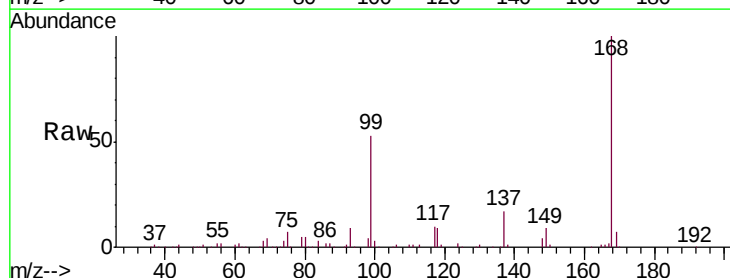
Instrument :
 MSVOA_N
 ClientSampled :
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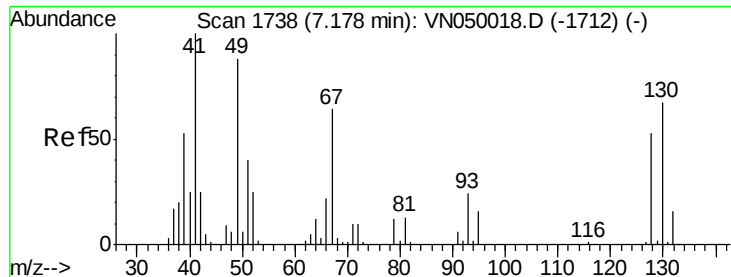
Tot Ion: 75 Resp: 48624
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.4 55.2#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 4.78 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050161.D
 Acq: 28 Jul 2018 5:04

Tgt Ion: 117 Resp: 64692
 Ion Ratio Lower Upper
 117 100
 119 6.1 77.4 116.0#
 121 0.0 23.9 35.9#

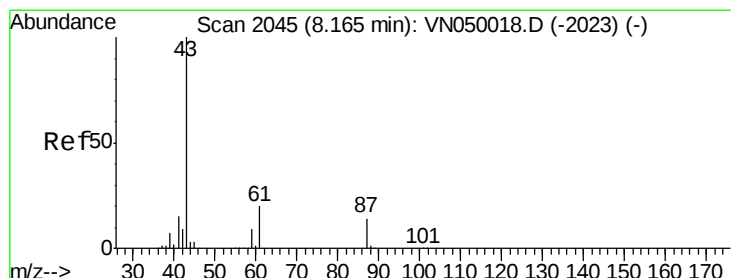
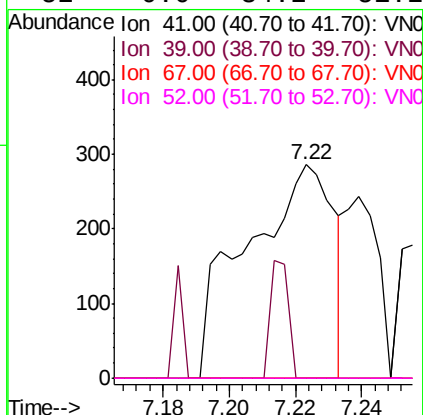
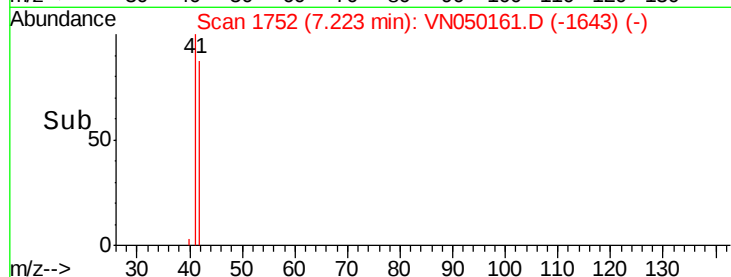
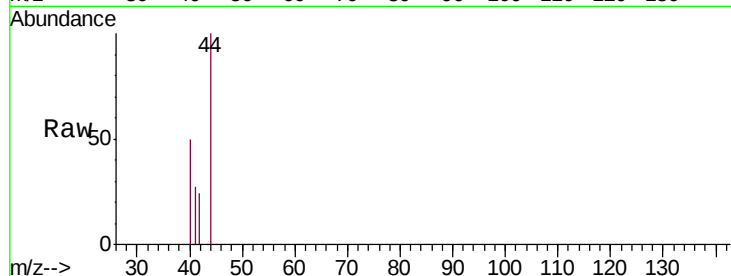




#41
Methacrylonitrile
Concen: 2.86 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.05 min
Lab File: VN050161.D
Acq: 28 Jul 2018 5:04

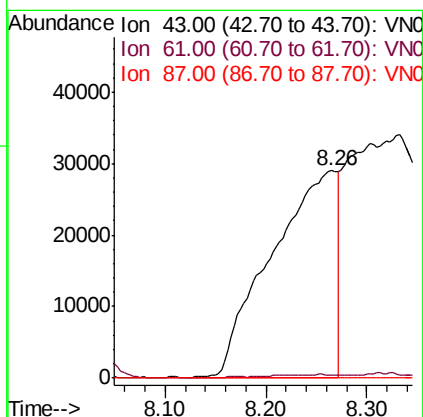
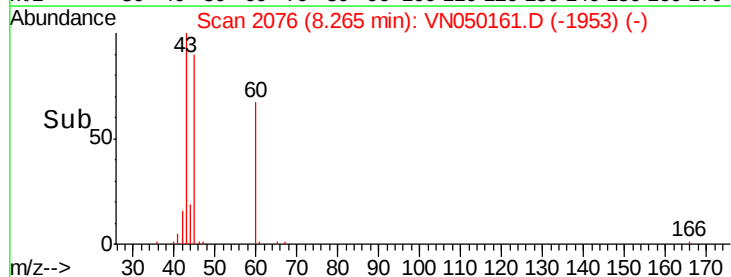
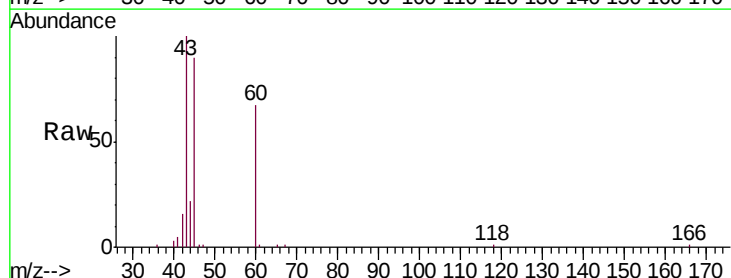
Instrument :
MSVOA_N
ClientSampled :
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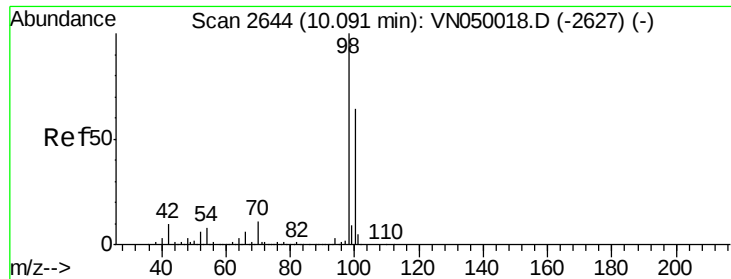
Tot Ion: 41 Resp: 522
Ion Ratio Lower Upper
41 100
39 11.5 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 6.87 ug/l
RT: 8.26 min Scan# 2076
Delta R.T. 0.10 min
Lab File: VN050161.D
Acq: 28 Jul 2018 5:04

Tgt Ion: 43 Resp: 131446
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.6#
87 0.0 10.3 15.5#

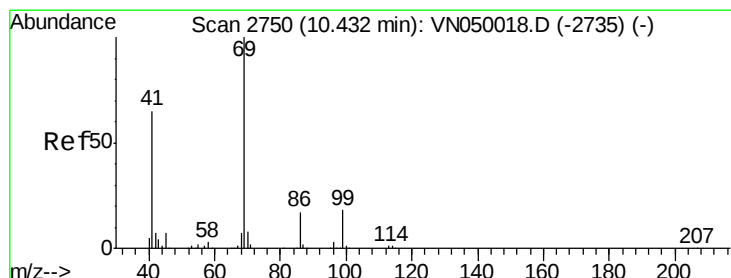
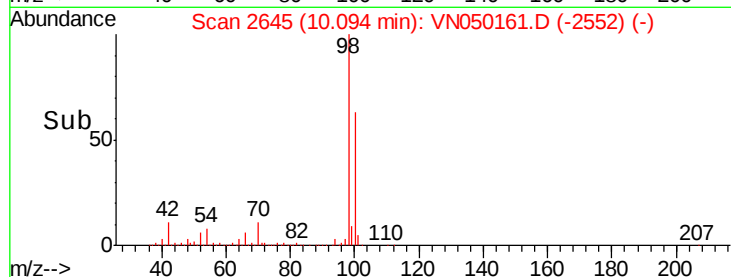
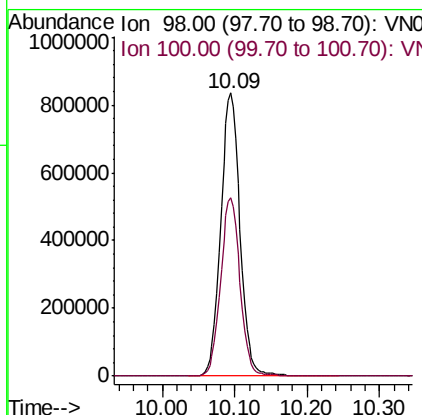
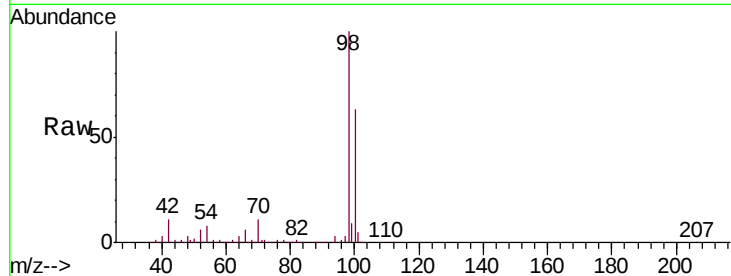




#50
Toluene-d8
Concen: 45.26 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050161.D
Acq: 28 Jul 2018 5:04

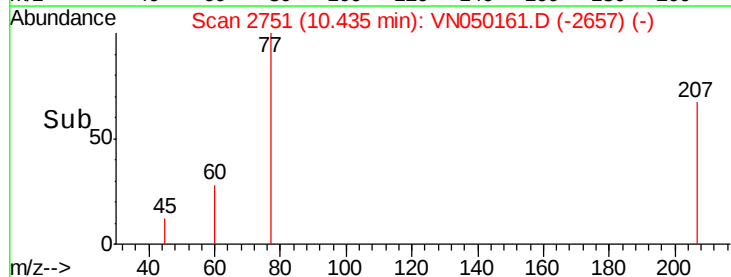
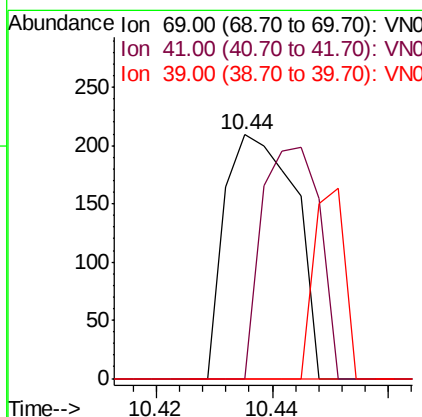
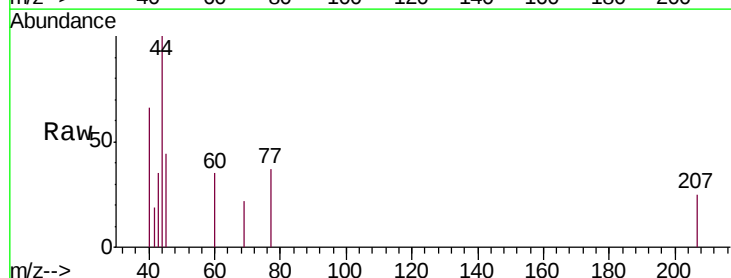
Instrument :
MSVOA_N
ClientSampleId :
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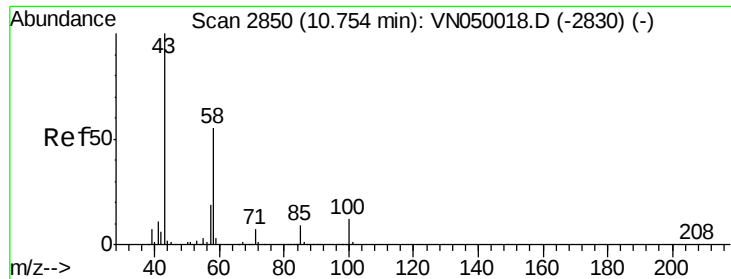
Tot Ion: 98 Resp: 1536554
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#56
Ethyl methacrylate
Concen: 2.04 ug/l
RT: 10.44 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN050161.D
Acq: 28 Jul 2018 5:04

Tgt Ion: 69 Resp: 175
Ion Ratio Lower Upper
69 100
41 78.9 51.0 76.4#
39 34.3 26.6 40.0

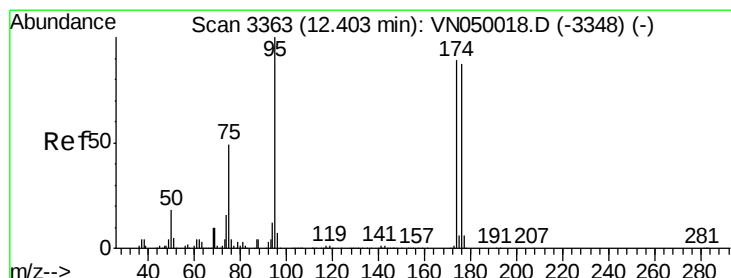
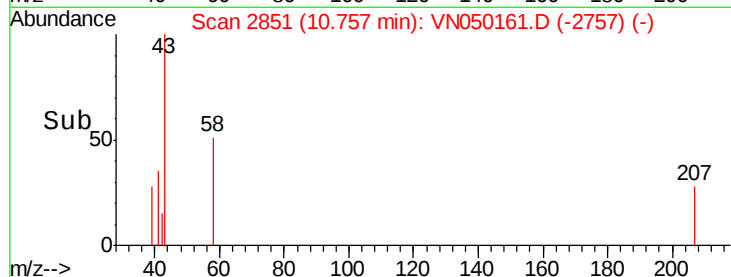
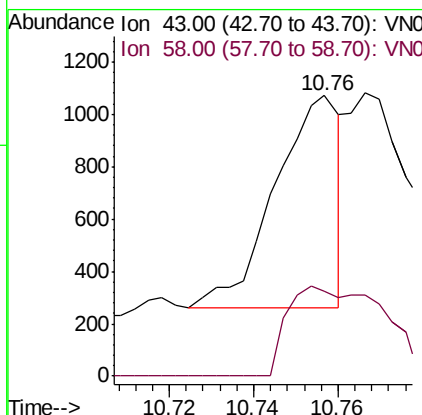
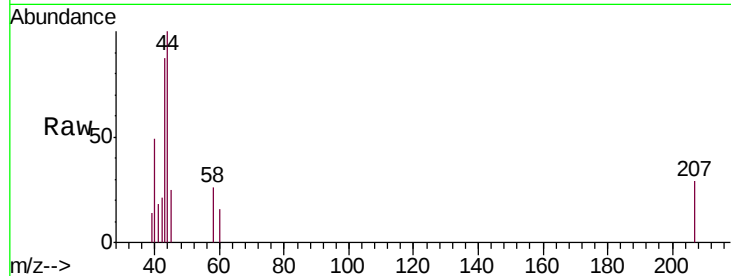




#59
2-Hexanone
Concen: 5.31 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050161.D
Acq: 28 Jul 2018 5:04

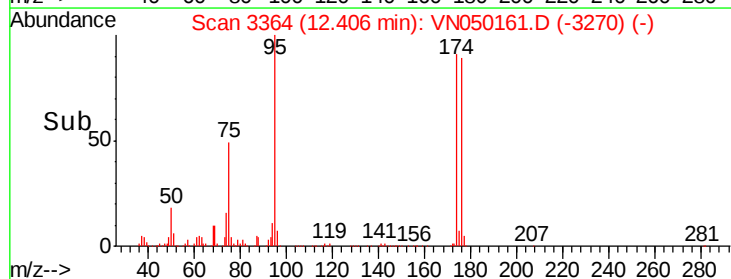
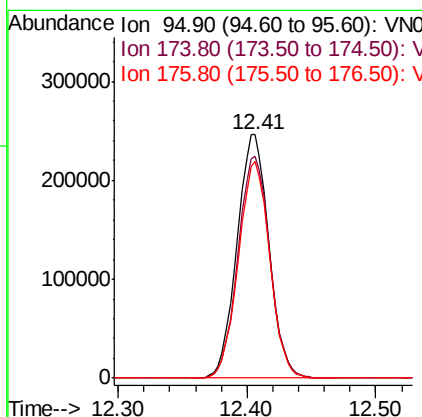
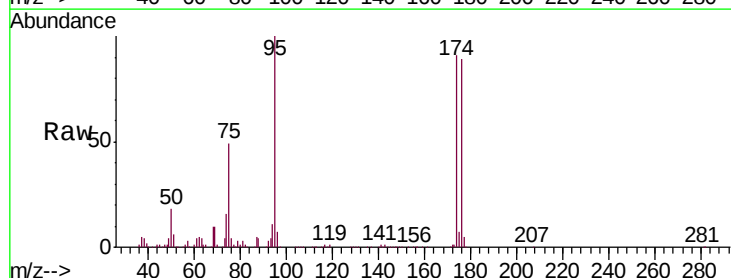
Instrument :
MSVOA_N
ClientSampleId :
TRIPBLANK

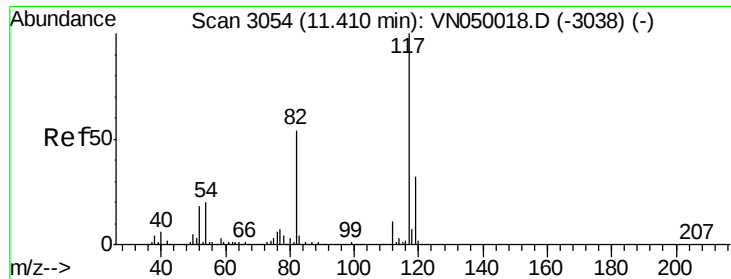
Tot Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
58 61.4 27.6 82.7



#62
4-Bromofluorobenzene
Concen: 37.76 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN050161.D
Acq: 28 Jul 2018 5:04

Tgt Ion: 95 Resp: 422132
Ion Ratio Lower Upper
95 100
174 91.6 0.0 178.2
176 87.8 0.0 173.4

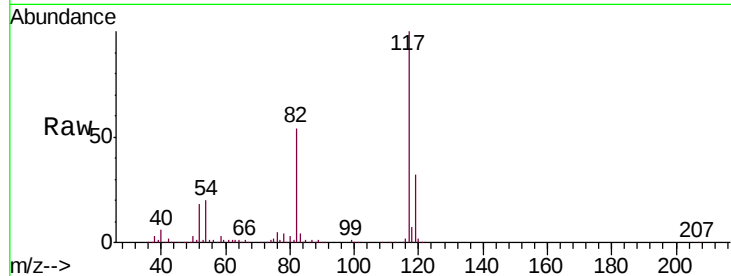




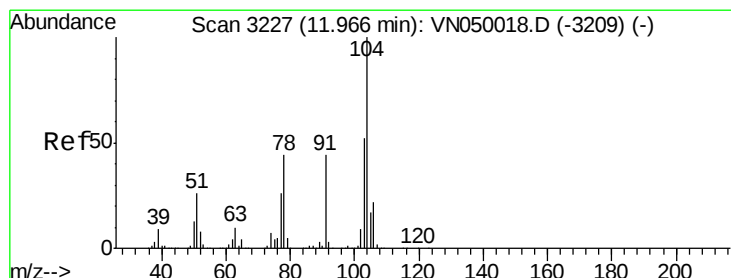
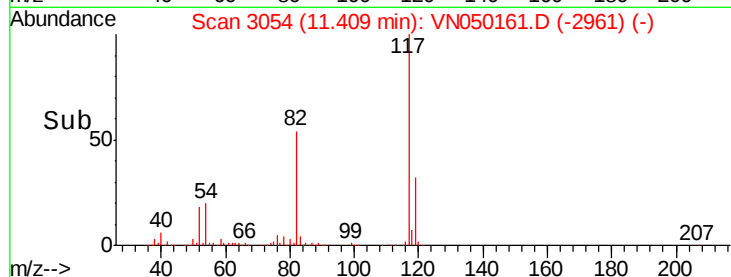
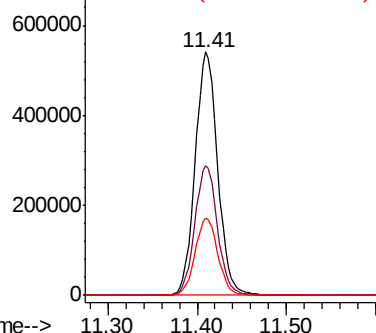
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050161.D
Acq: 28 Jul 2018 5:04

Instrument :
MSVOA_N
ClientSampled :
TRIPBLANK

Tot Ion:117 Resp: 943804
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 31.6 26.1 39.1

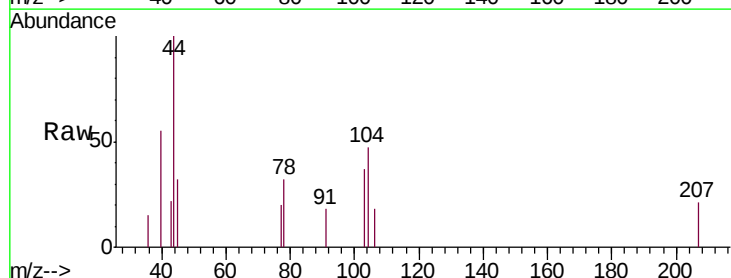


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

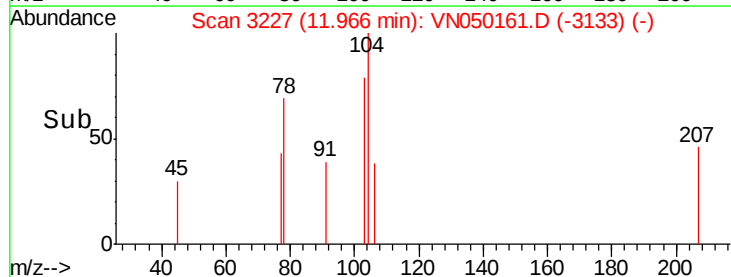
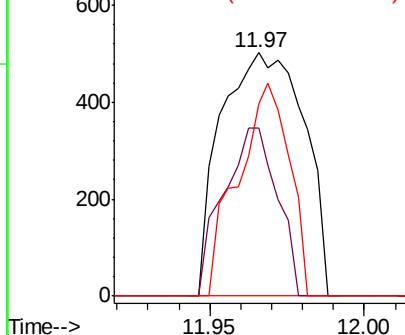


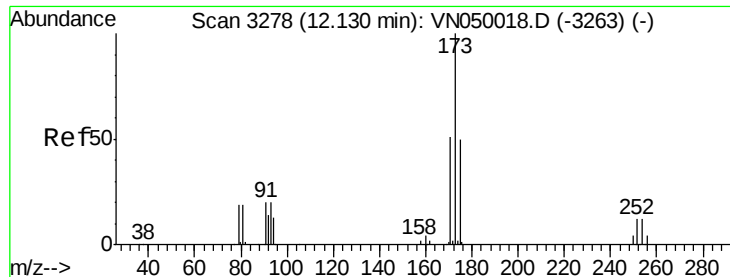
#70
Styrene
Concen: 0.96 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050161.D
Acq: 28 Jul 2018 5:04

Tgt Ion:104 Resp: 938
Ion Ratio Lower Upper
104 100
78 44.7 39.3 58.9
103 54.3 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK

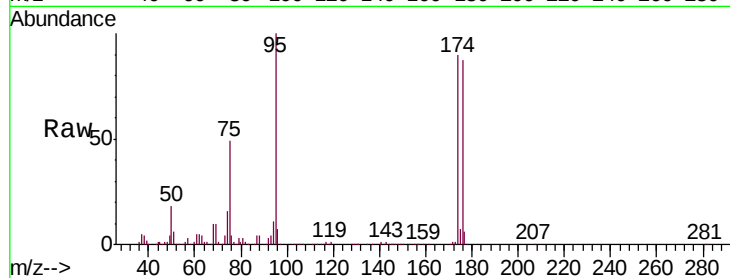
Tot Ion:173 Resp: 3520

Ion Ratio Lower Upper

173 100

175 685.5 24.1 72.2#

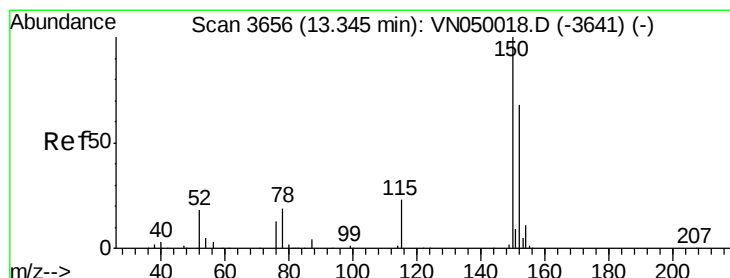
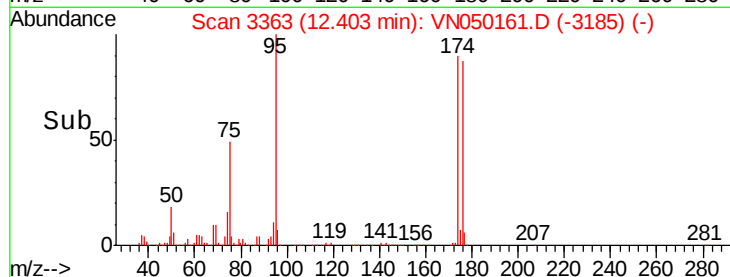
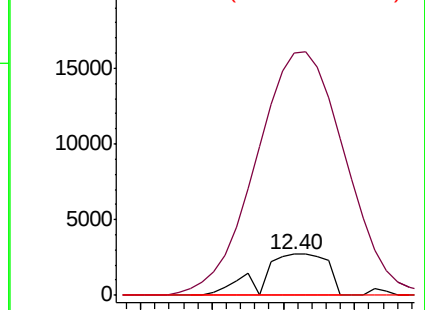
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

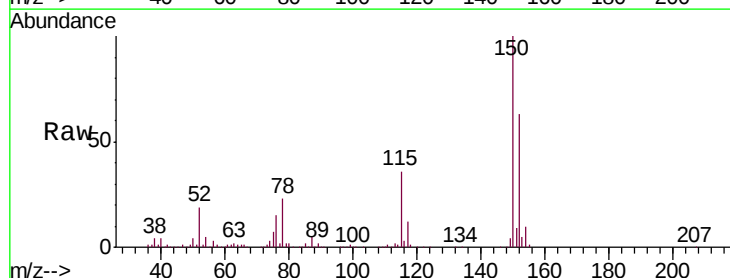
Tgt Ion:152 Resp: 336694

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.3

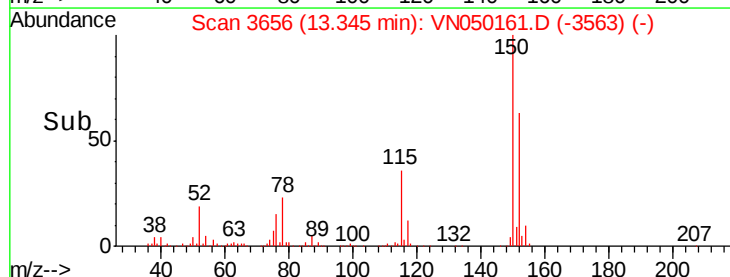
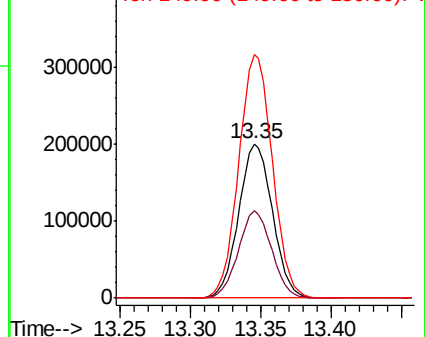
150 157.8 0.0 348.6

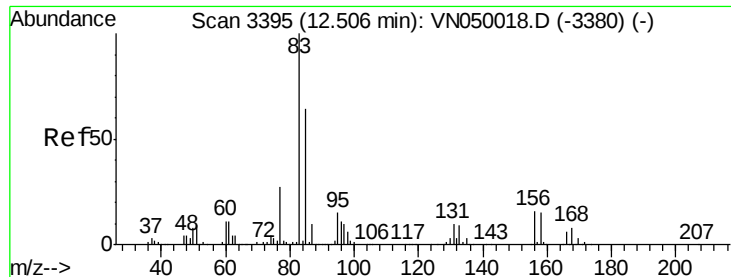


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

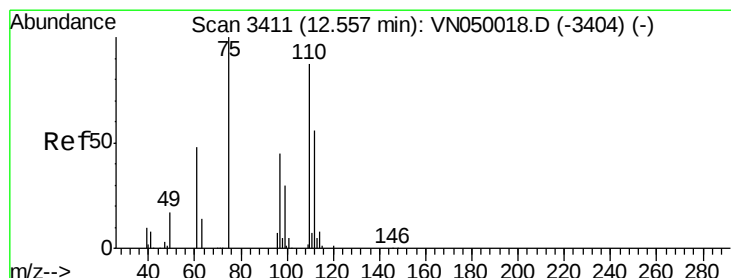
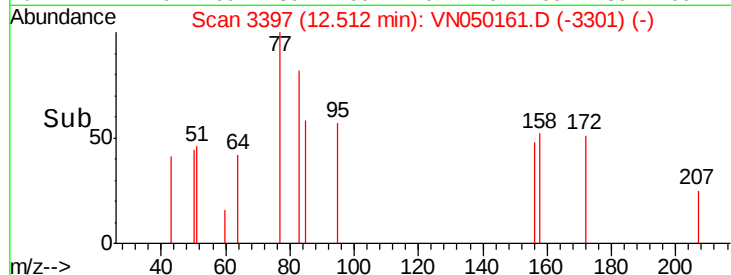
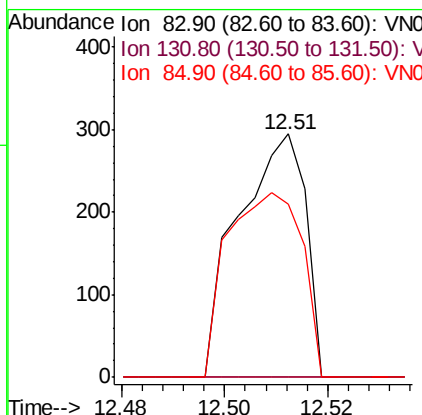
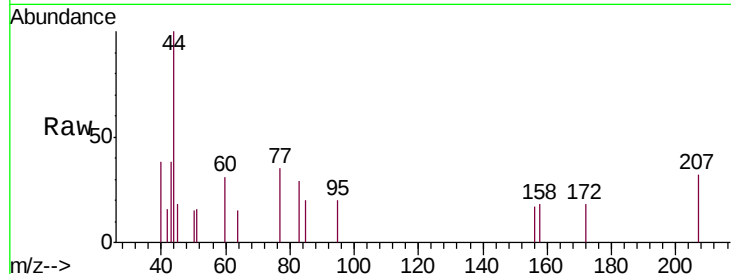




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.51 min Scan# 3397
 Delta R.T. 0.01 min
 Lab File: VN050161.D
 Acq: 28 Jul 2018 5:04

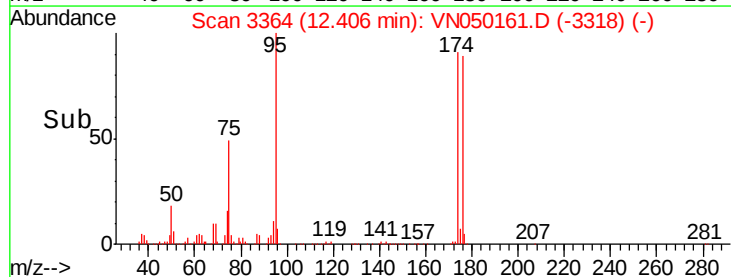
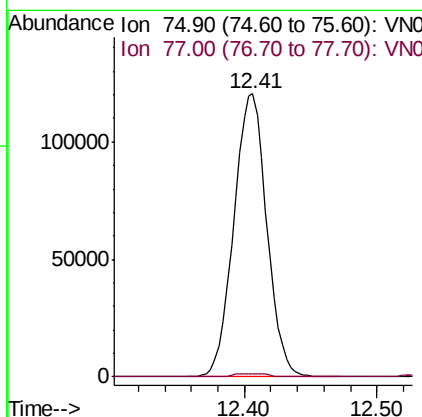
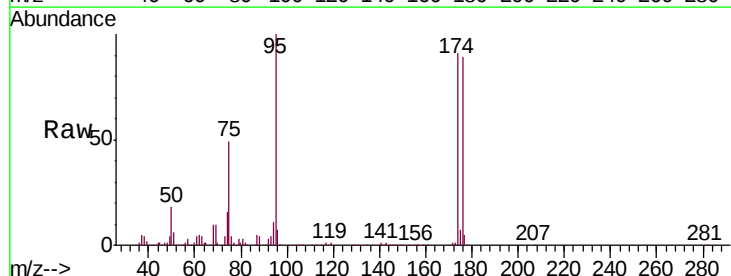
Instrument :
 MSVOA_N
 ClientSampleId :
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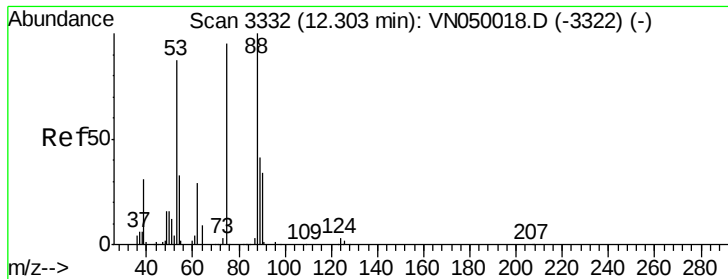
Tot Ion: 83 Resp: 265
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.1 15.3#
 85 84.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.19 ug/l
 RT: 12.41 min Scan# 3364
 Delta R.T. -0.15 min
 Lab File: VN050161.D
 Acq: 28 Jul 2018 5:04

Tgt Ion: 75 Resp: 207674
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 105.27 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK

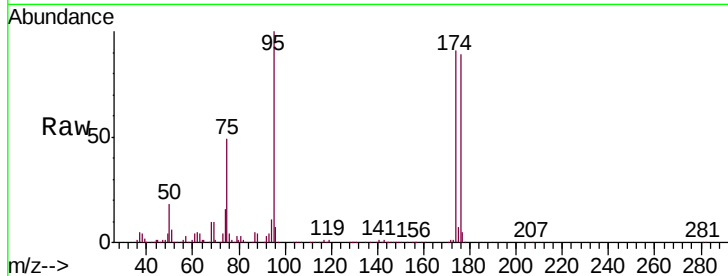
Tot Ion: 75 Resp: 207674

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

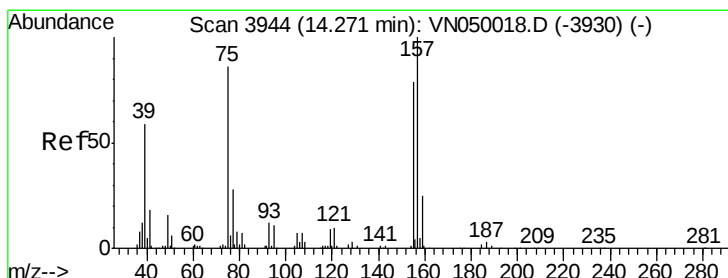
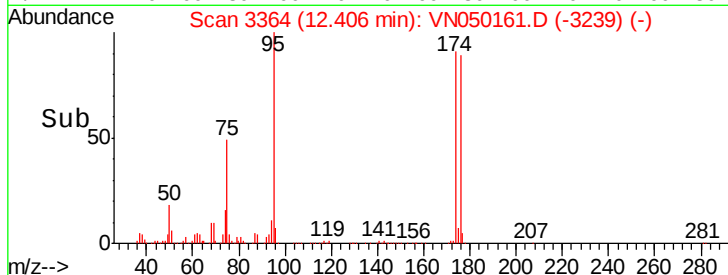
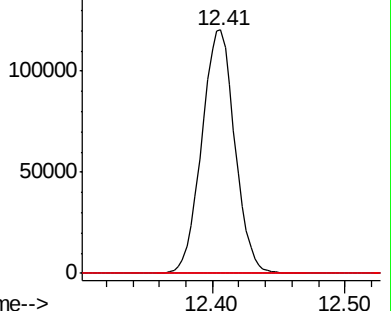
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

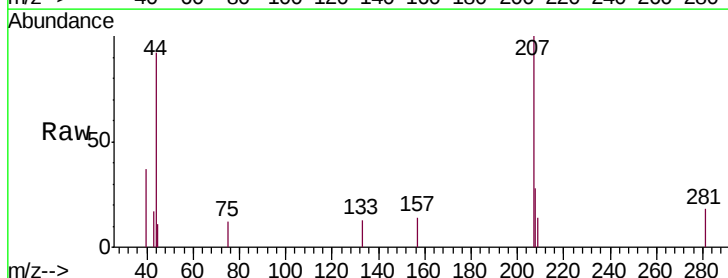
Tgt Ion: 75 Resp: 30

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

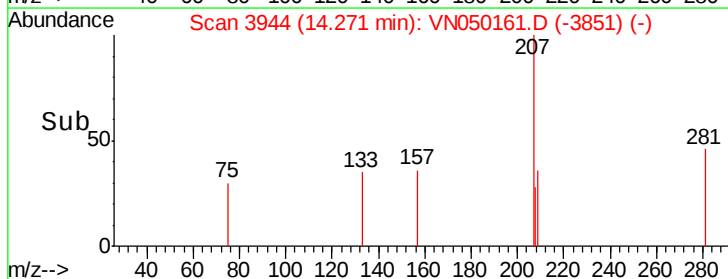
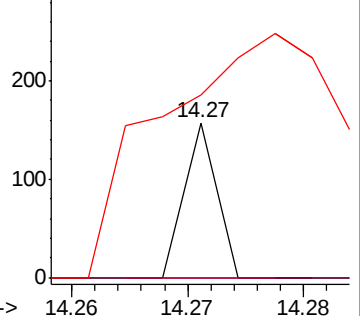
157 870.0 57.2 171.6#

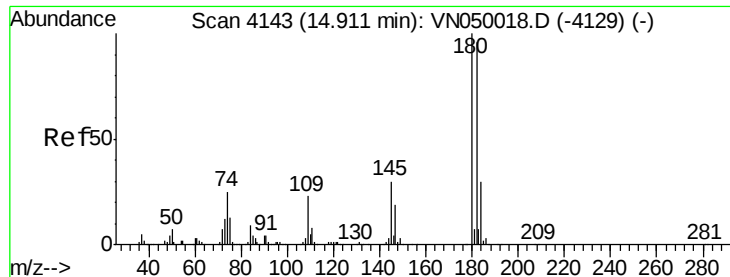


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

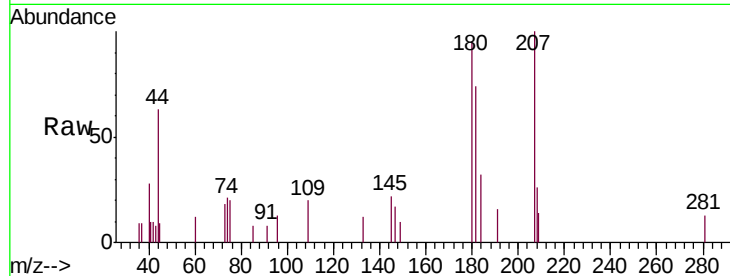




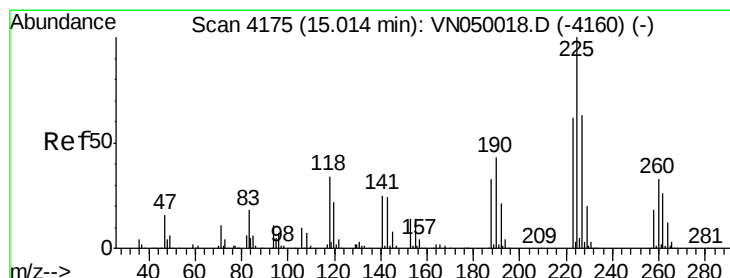
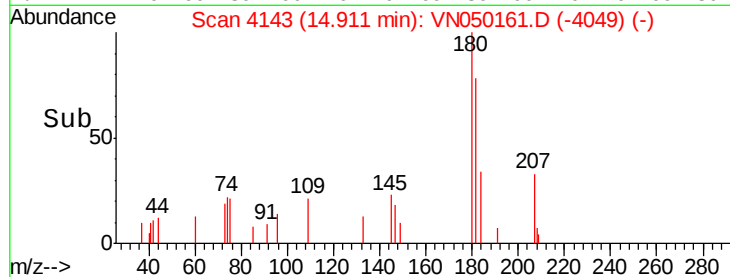
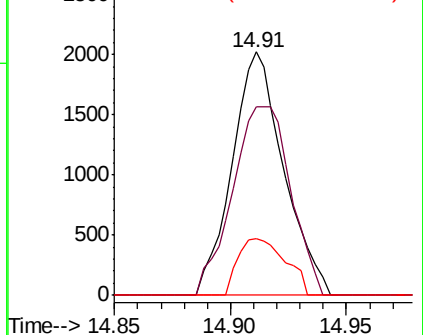
#93
 1,2,4-Trichlorobenzene
 Concen: 3.54 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050161.D
 Acq: 28 Jul 2018 5:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIPBLANK

Tot Ion:180 Resp: 3124
 Ion Ratio Lower Upper
 180 100
 182 87.5 46.7 140.1
 145 21.4 13.8 41.4

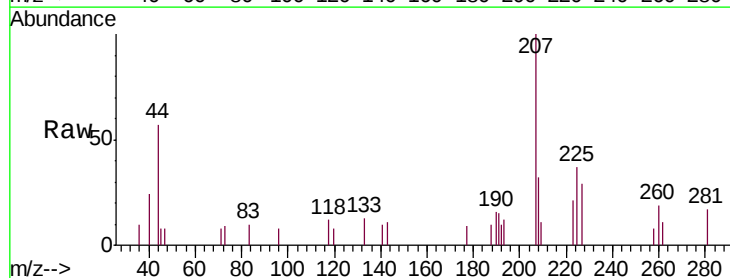


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

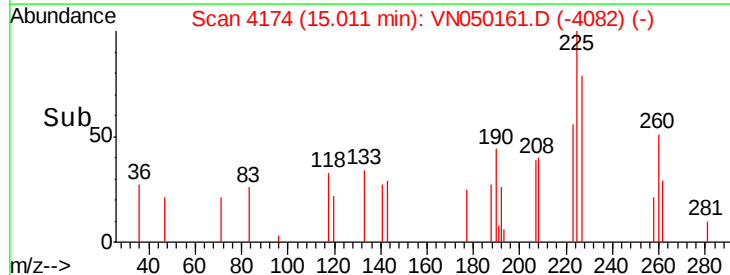
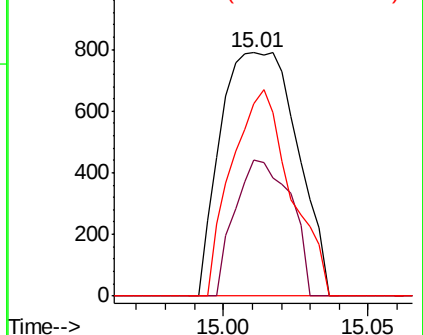


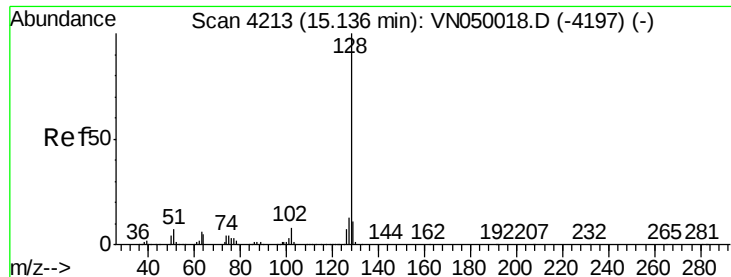
#94
 Hexachlorobutadiene
 Concen: 0.39 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050161.D
 Acq: 28 Jul 2018 5:04

Tgt Ion:225 Resp: 1453
 Ion Ratio Lower Upper
 225 100
 223 40.3 31.4 94.2
 227 65.0 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.93 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

Instrument :

MSVOA_N

ClientSampleId :

TRIPBLANK

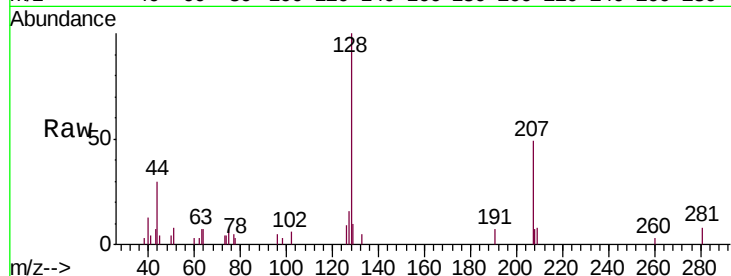
Tot Ion:128 Resp: 8600

Ion Ratio Lower Upper

128 100

127 14.9 10.4 15.6

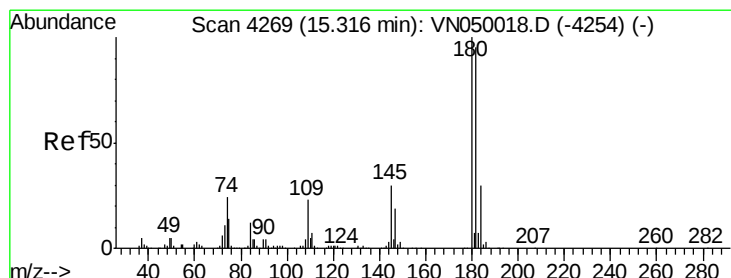
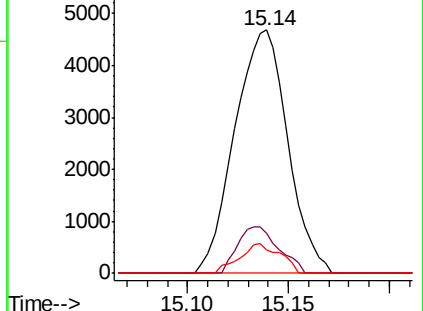
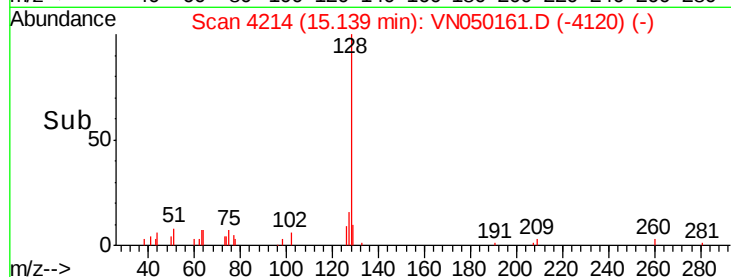
129 9.3 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 2.70 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN050161.D

Acq: 28 Jul 2018 5:04

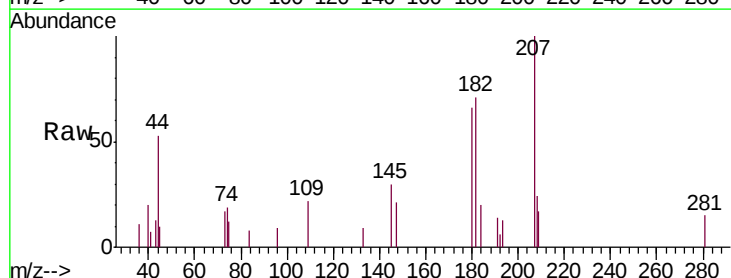
Tgt Ion:180 Resp: 3266

Ion Ratio Lower Upper

180 100

182 94.4 48.1 144.4

145 28.0 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

