

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050171.D
 Acq On : 28 Jul 2018 9:11
 Operator : MD\SY
 Sample : J4189-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13-S

Quant Time: Jul 30 01:56:51 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	650265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1067199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	361108	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	454001	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	7.59	113	405907	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
50) Toluene-d8	10.09	98	1472320	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
62) 4-Bromofluorobenzene	12.40	95	428082	40.58	ug/l	0.00
Spiked Amount			Recovery	=	81.16%	

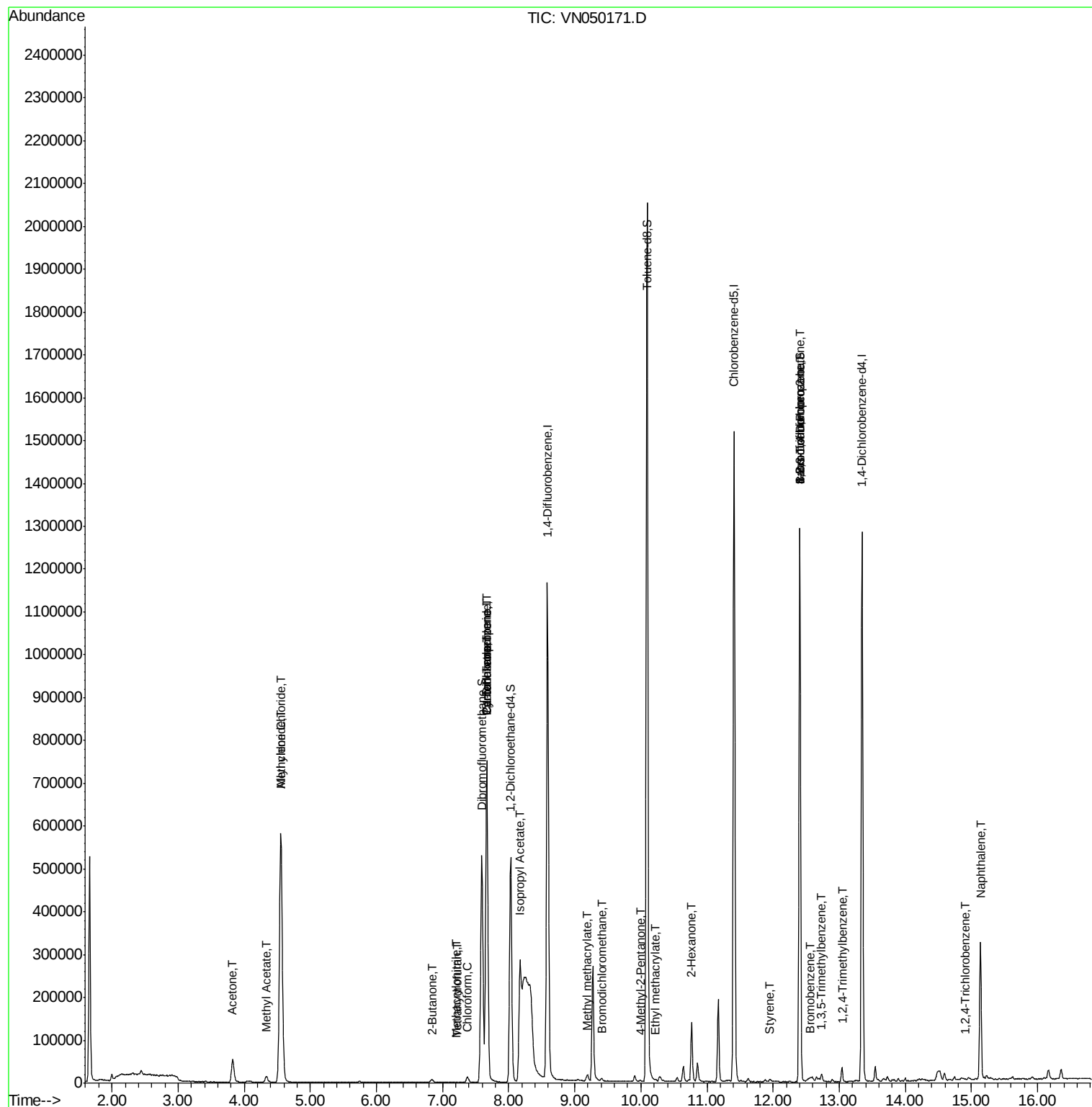
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	31	Below Cal	#	3
14) Allyl chloride	4.55	41	7432	0.64	ug/l #	25
16) Acetone	3.82	43	93823	40.26	ug/l	97
18) Methyl Acetate	4.34	43	26915	1.66	ug/l	98
20) Methylene Chloride	4.55	84	452000	56.35	ug/l	99
25) 2-Butanone	6.85	43	3467	1.00	ug/l #	83
29) Tetrahydrofuran	7.23	42	837	0.37	ug/l #	44
30) Chloroform	7.37	83	13963	0.91	ug/l	97
31) Cyclohexane	7.67	56	11904	0.89	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45591	3.79	ug/l #	48
38) Carbon Tetrachloride	7.67	117	58310	4.57	ug/l #	16
41) Methacrylonitrile	7.19	41	75	2.76	ug/l #	10
43) Isopropyl Acetate	8.17	43	351054	21.57	ug/l #	89
47) Bromodichloromethane	9.41	83	3258	0.26	ug/l	87
48) Methyl methacrylate	9.18	41	8490	1.18	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	2143	0.26	ug/l	97
56) Ethyl methacrylate	10.23	69	2850	2.27	ug/l #	81
59) 2-Hexanone	10.77	43	20031	8.41	ug/l #	57
70) Styrene	11.96	104	771	0.95	ug/l #	86
71) Bromoform	12.40	173	3674	0.56	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	135	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	212371	31.65	ug/l #	100
77) Bromobenzene	12.56	156	7643	0.98	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	5824	0.26	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	212371	100.37	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	18493	0.83	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	106	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.92	180	62	3.09	ug/l #	1
95) Naphthalene	15.14	128	274225	19.58	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampled :

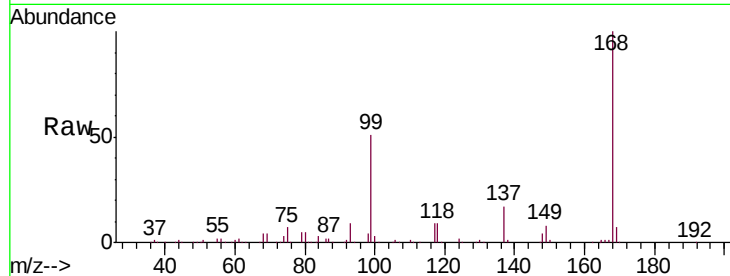
TP-13-S

Tot Ion:168 Resp: 650265

Ion Ratio Lower Upper

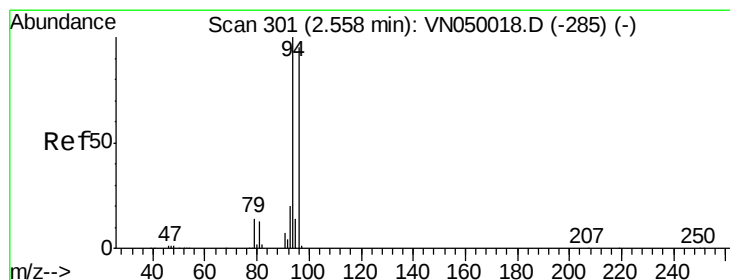
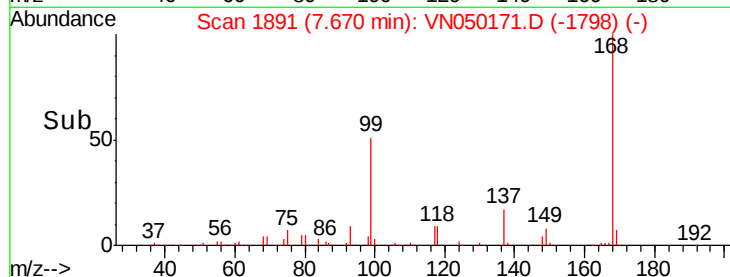
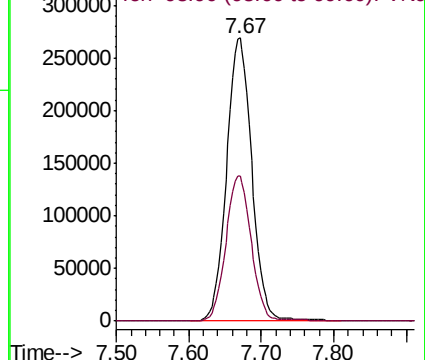
168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 294

Delta R.T. -0.02 min

Lab File: VN050171.D

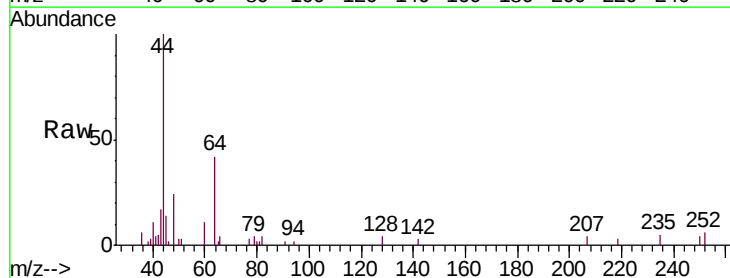
Acq: 28 Jul 2018 9:11

Tgt Ion: 94 Resp: 31

Ion Ratio Lower Upper

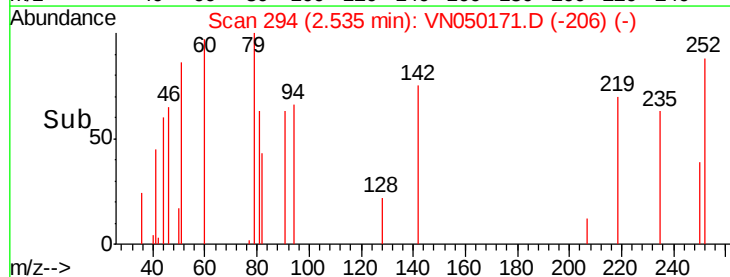
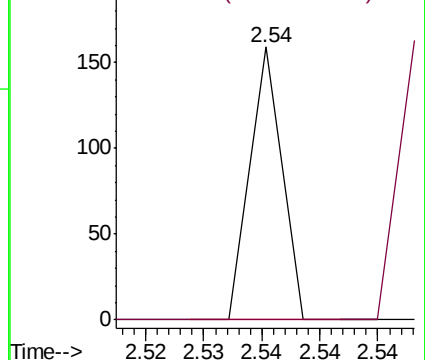
94 100

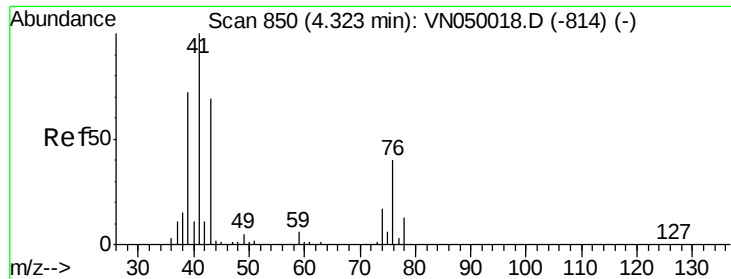
96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

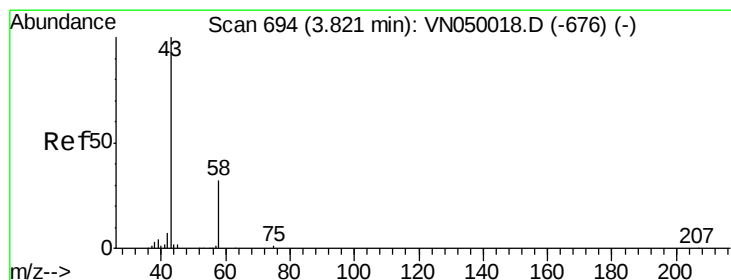
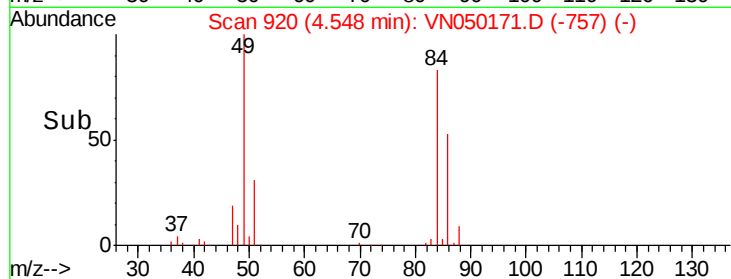
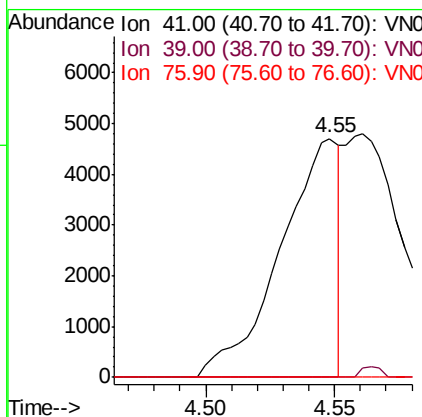
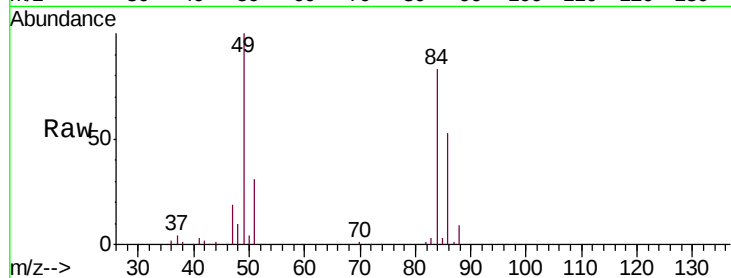




#14
Allvl chloride
Concen: 0.64 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.23 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

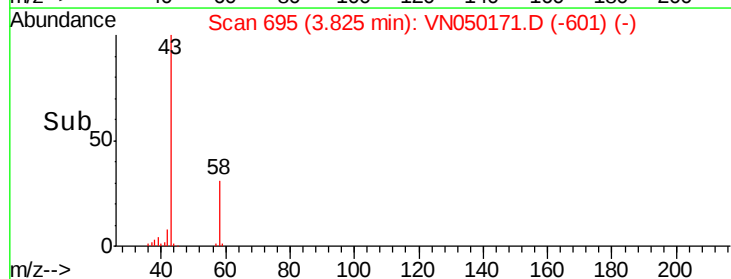
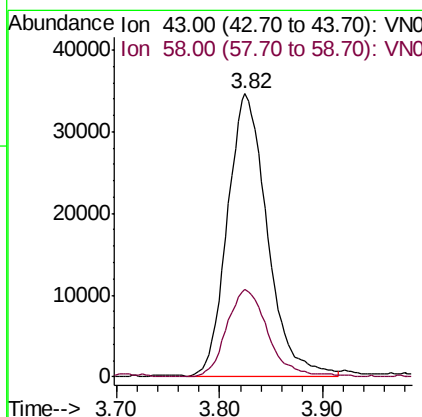
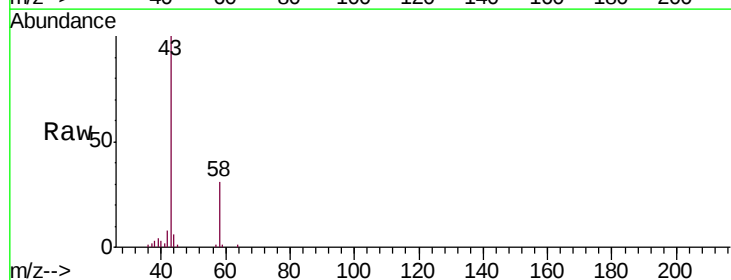
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MSVOA_N
ClientSampled :
TP-13-S

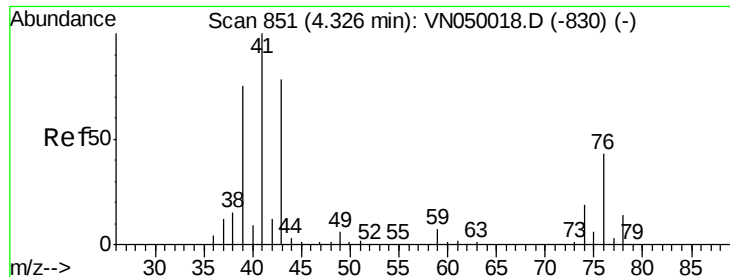
Tot Ion: 41 Resp: 7432
Ion Ratio Lower Upper
41 100
39 1.5 54.2 81.4#
76 0.0 29.0 43.6#



#16
Acetone
Concen: 40.26 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

Tgt Ion: 43 Resp: 93823
Ion Ratio Lower Upper
43 100
58 30.7 25.8 38.8

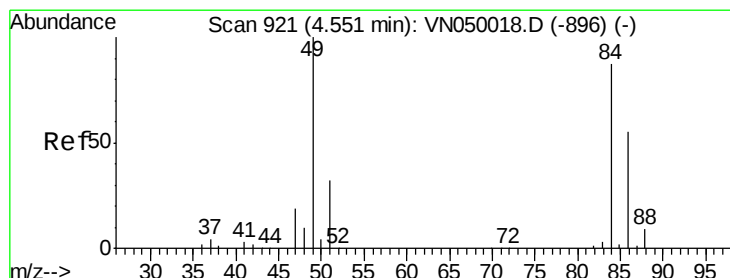
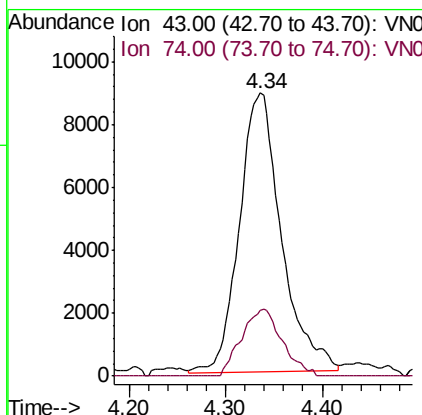
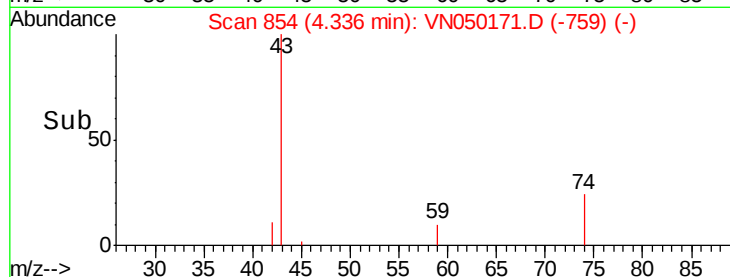
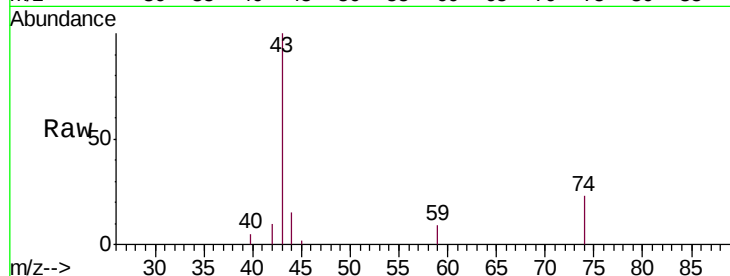




#18
Methyl Acetate
Concen: 1.66 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

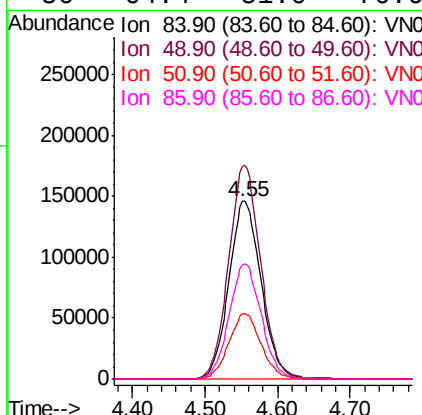
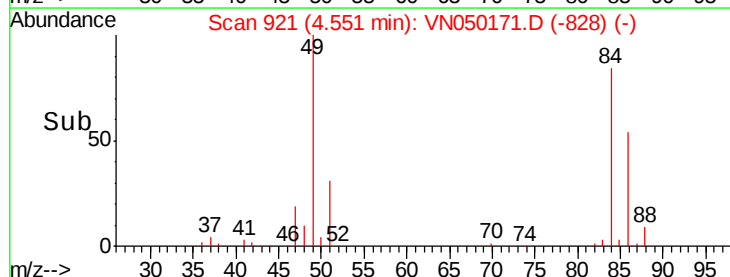
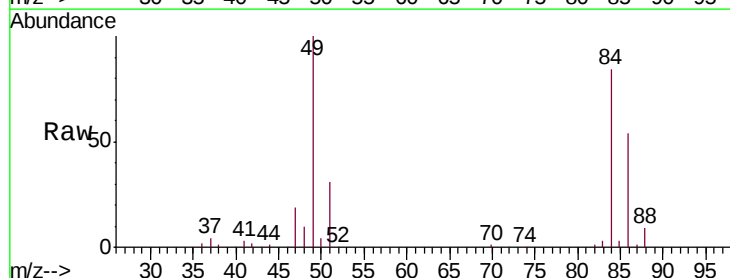
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ClientSampleId :
TP-13-S

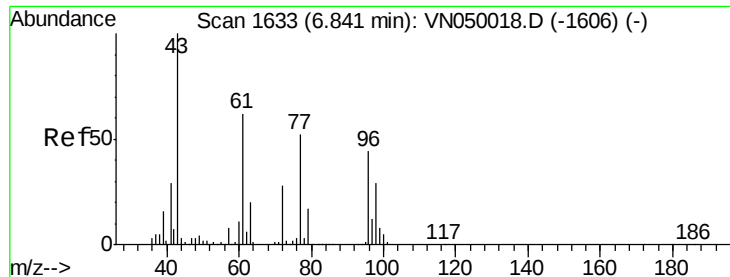
Tot Ion: 43 Resp: 26915
Ion Ratio Lower Upper
43 100
74 23.2 19.2 28.8



#20
Methylene Chloride
Concen: 56.35 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

Tgt Ion: 84 Resp: 452000
Ion Ratio Lower Upper
84 100
49 119.5 94.8 142.2
51 36.8 28.3 42.5
86 64.4 51.0 76.6





#25

2-Butanone

Concen: 1.00 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampled :

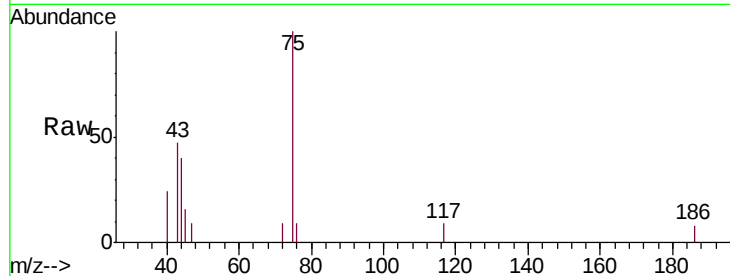
TP-13-S

Tot Ion: 43 Resp: 3467

Ion Ratio Lower Upper

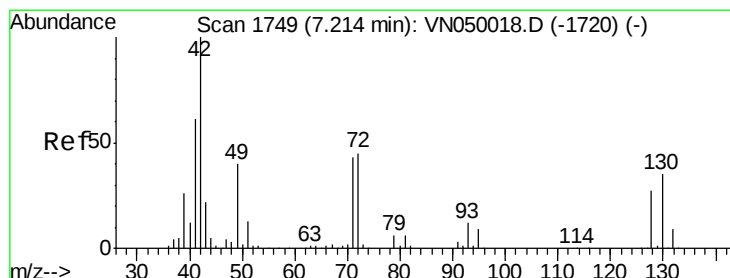
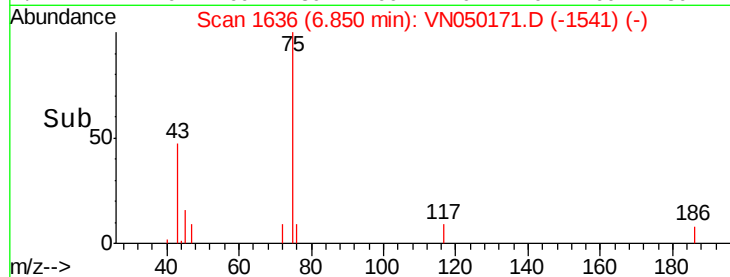
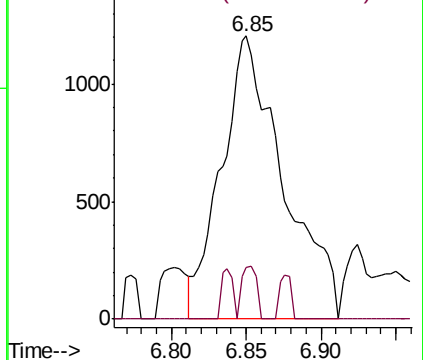
43 100

72 18.4 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.37 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

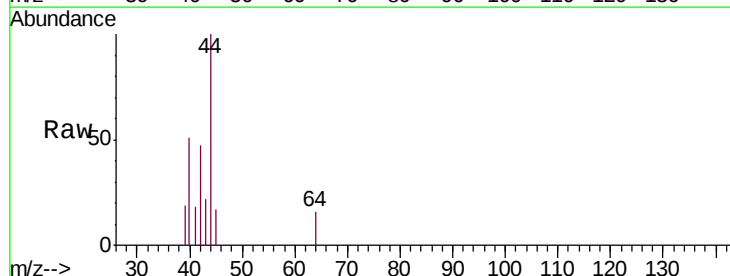
Tgt Ion: 42 Resp: 837

Ion Ratio Lower Upper

42 100

72 7.4 35.9 53.9#

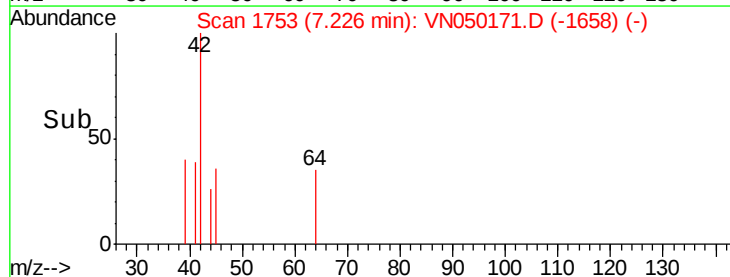
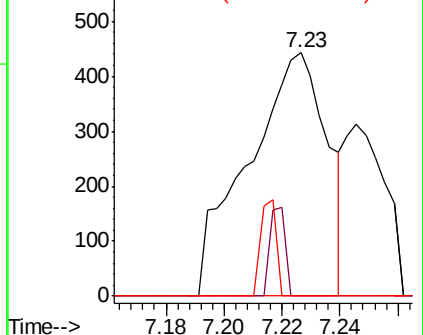
71 7.8 33.7 50.5#

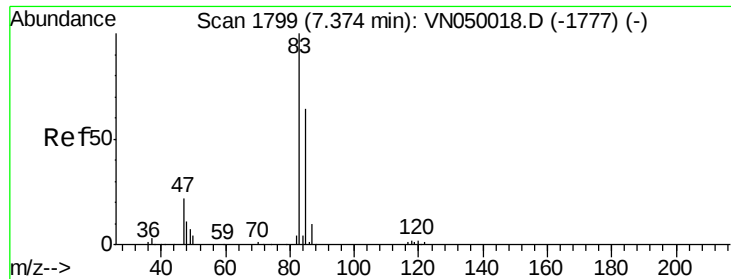


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

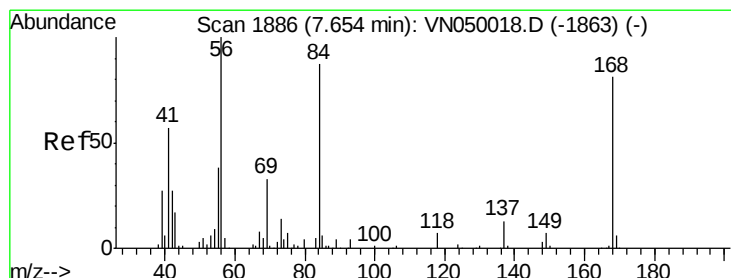
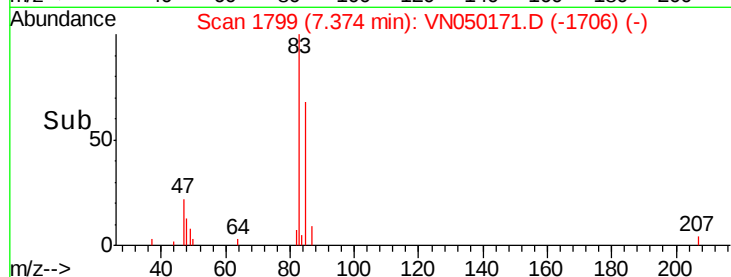
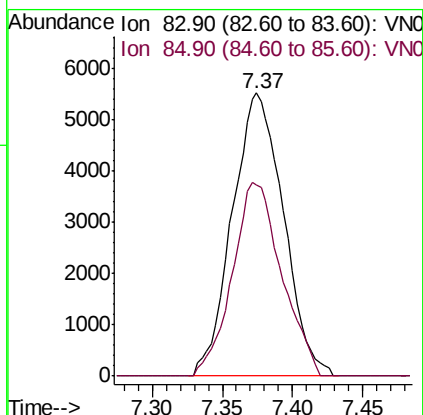
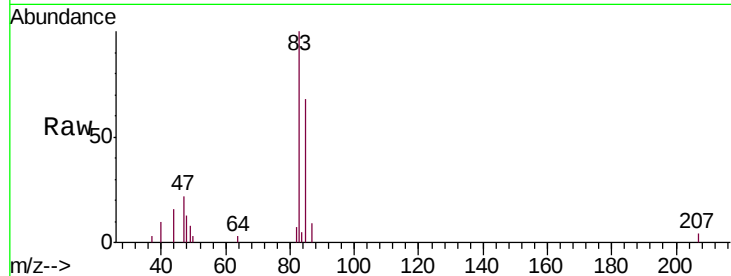




#30
Chloroform
Concen: 0.91 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

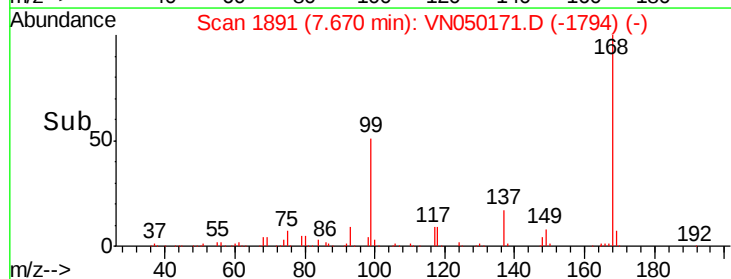
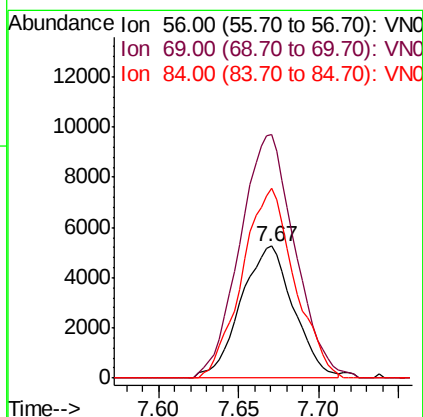
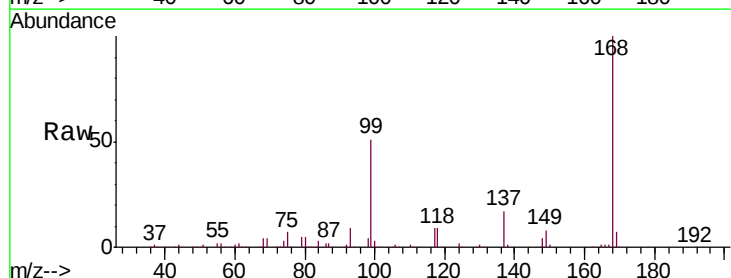
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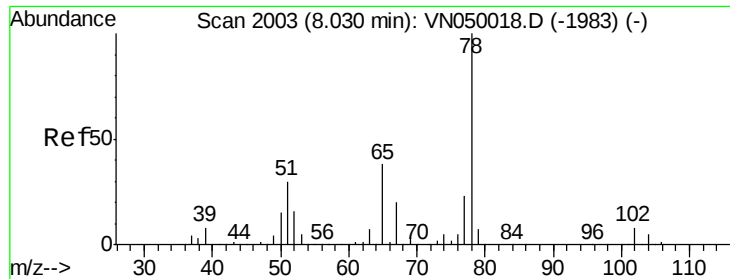
Tot Ion: 83 Resp: 13963
Ion Ratio Lower Upper
83 100
85 67.8 52.5 78.7



#31
Cyclohexane
Concen: 0.89 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

Tgt Ion: 56 Resp: 11904
Ion Ratio Lower Upper
56 100
69 184.4 26.2 39.4#
84 143.5 67.4 101.0#





#33

1,2-Dichloroethane-d4

Concen: 50.04 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampled :

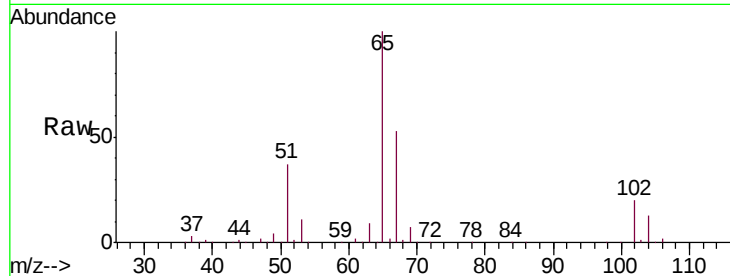
TP-13-S

Tot Ion: 65 Resp: 454001

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

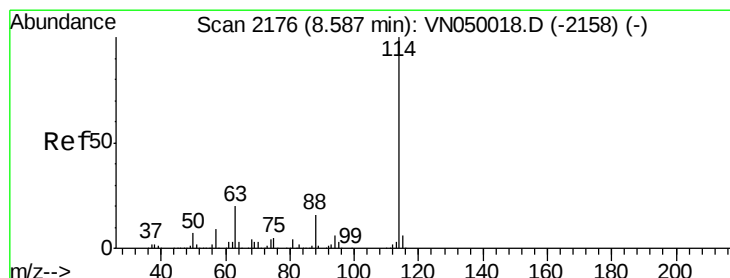
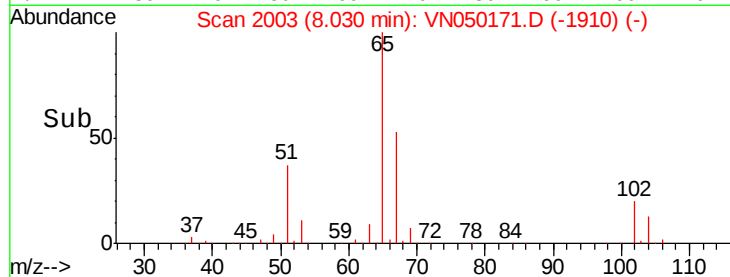
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

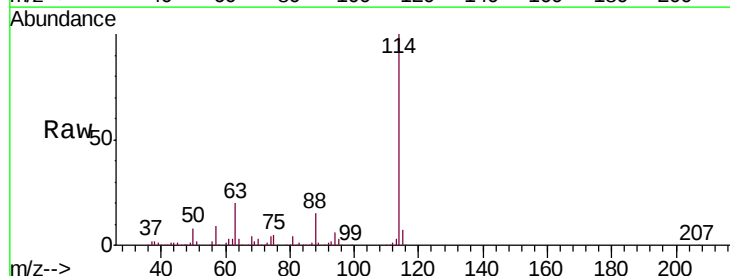
Tgt Ion: 114 Resp: 1067199

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

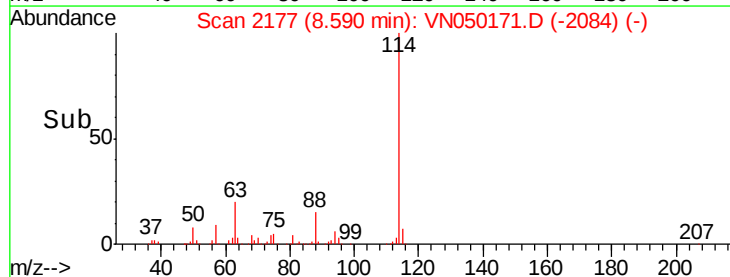
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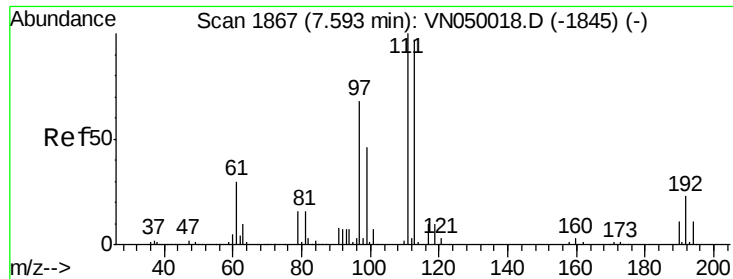
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200000

0

Time-->

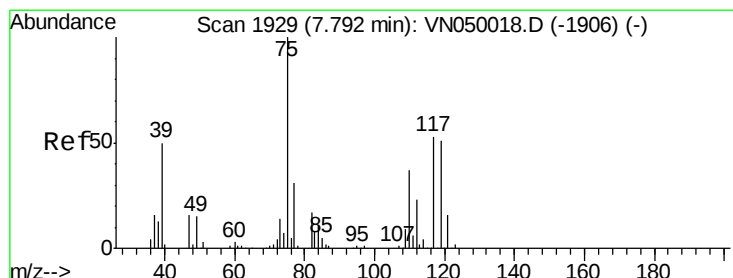
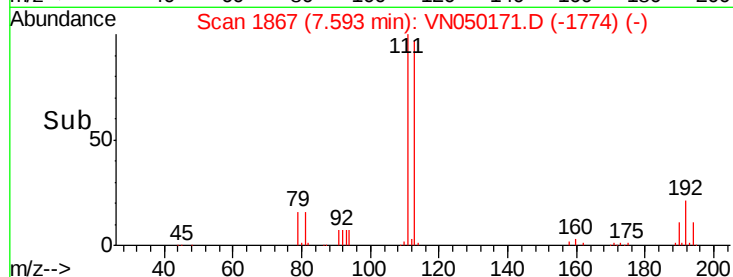
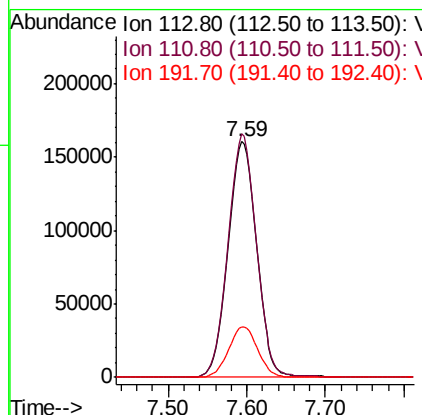
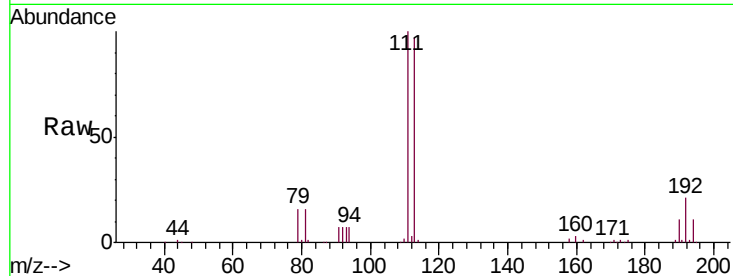




#35
Dibromofluoromethane
Concen: 46.58 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

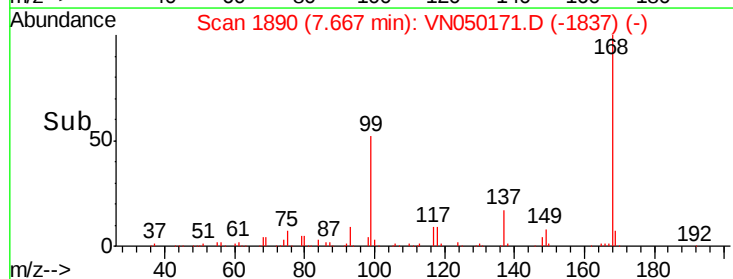
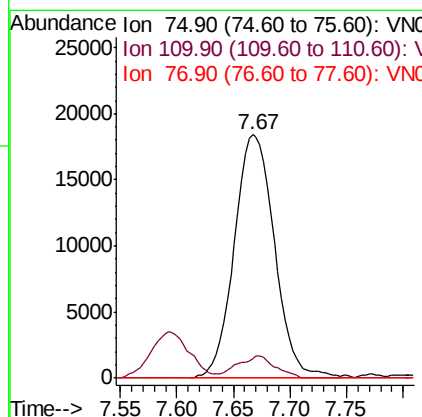
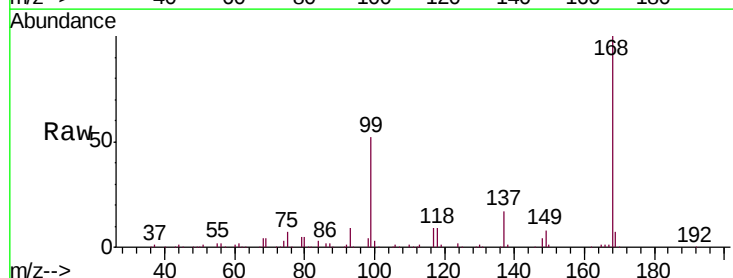
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ClientSampleId :
TP-13-S

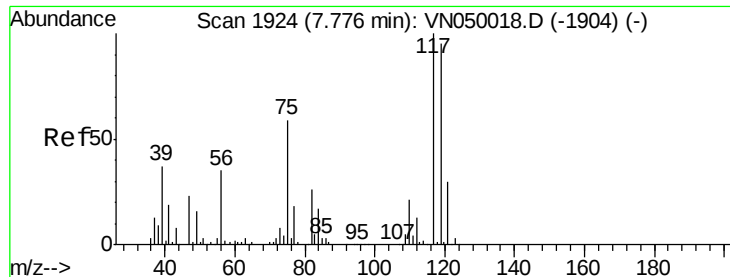
Tot Ion:113 Resp: 405907
Ion Ratio Lower Upper
113 100
111 101.6 80.7 121.1
192 21.7 17.8 26.6



#36
1,1-Dichloropropene
Concen: 3.79 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

Tgt Ion: 75 Resp: 45591
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 4.57 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

TP-13-S

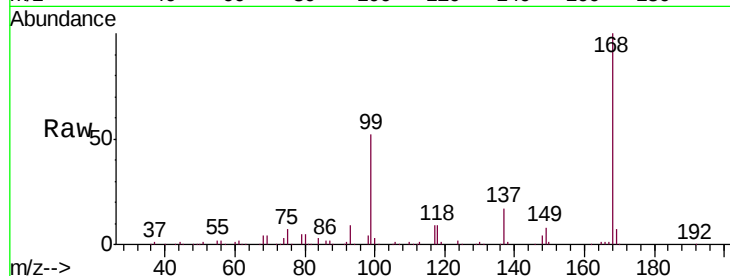
Tot Ion:117 Resp: 58310

Ion Ratio Lower Upper

117 100

119 5.4 77.4 116.0#

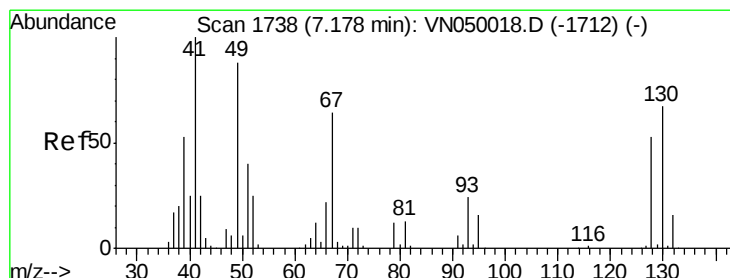
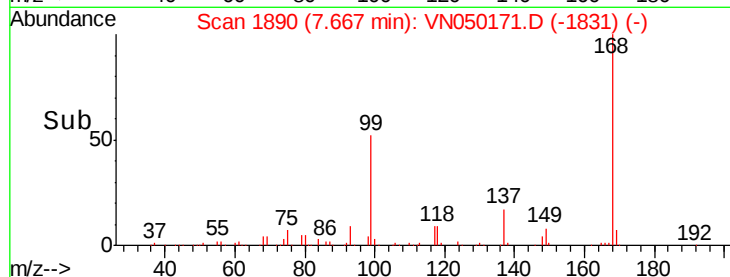
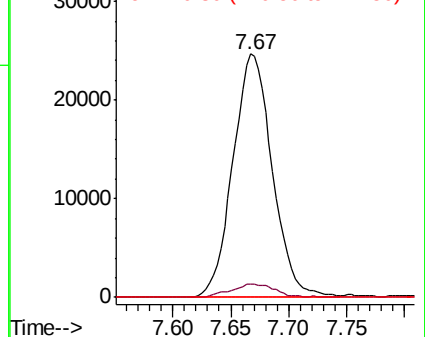
121 0.0 23.9 35.9#



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



#41

Methacrylonitrile

Concen: 2.76 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. 0.02 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Tgt Ion: 41 Resp: 75

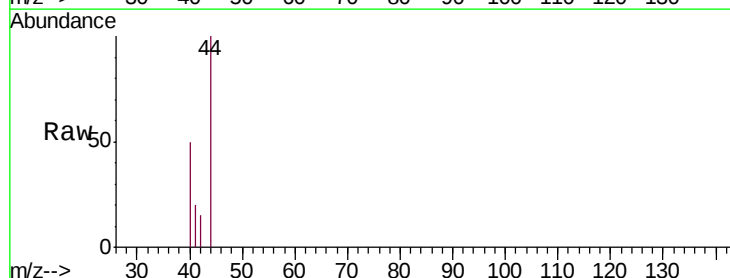
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

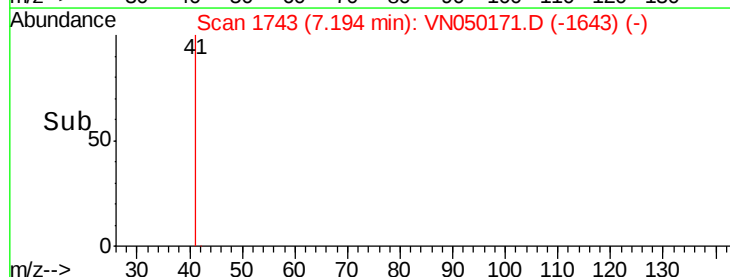
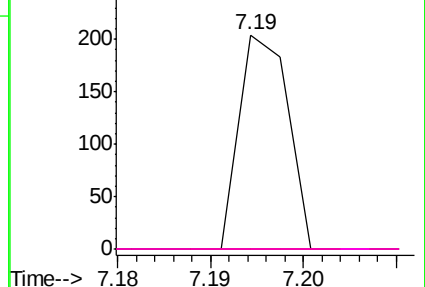


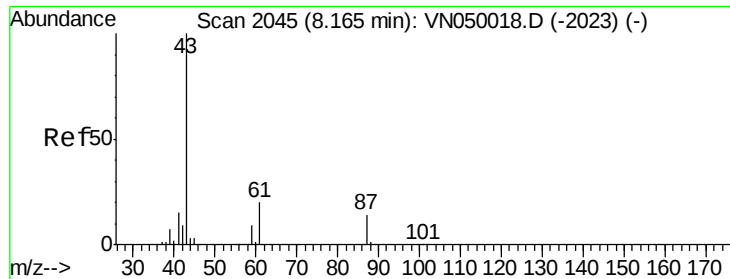
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



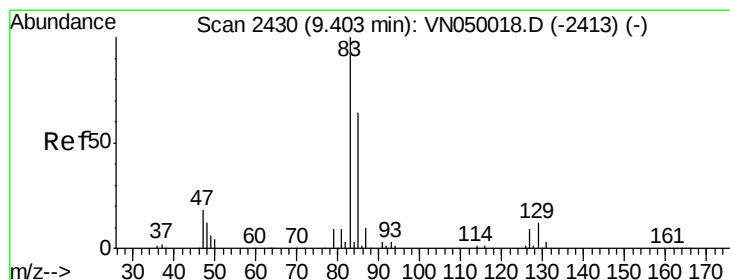
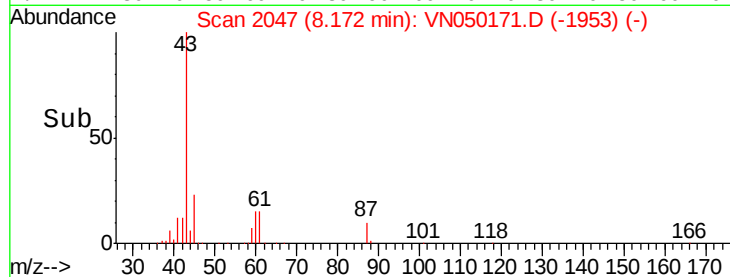
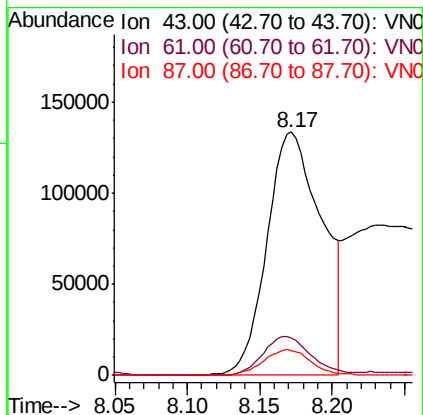
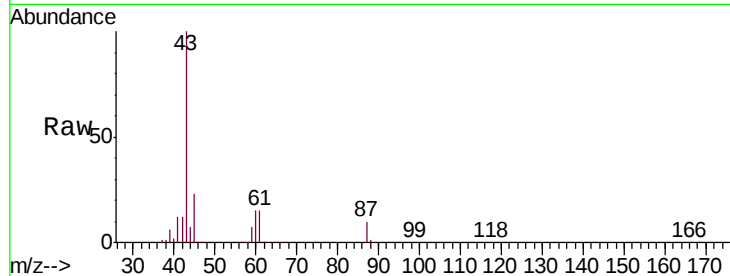


#43

Isopropyl Acetate
 Concen: 21.57 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050171.D
 Acq: 28 Jul 2018 9:11

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13-S

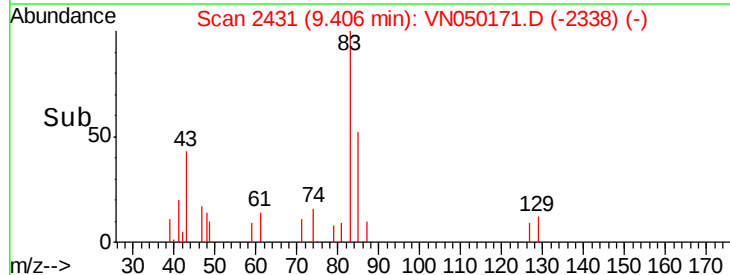
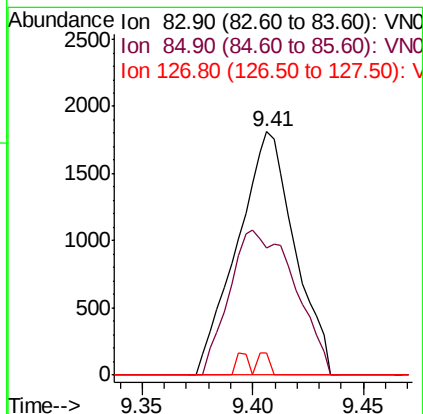
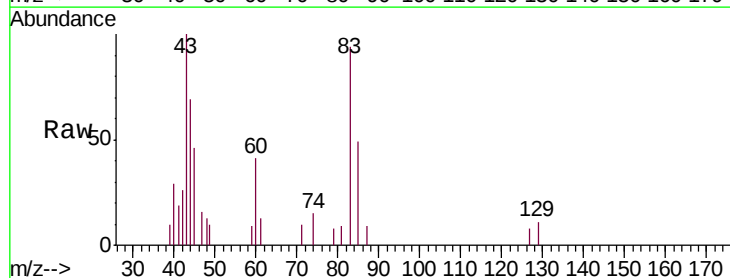
Tot Ion: 43 Resp: 351054
 Ion Ratio Lower Upper
 43 100
 61 14.2 15.8 23.6#
 87 9.1 10.3 15.5#

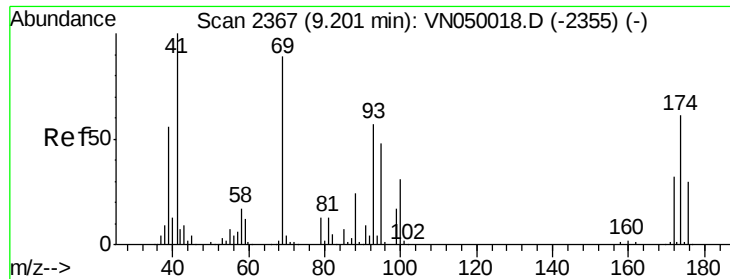


#47

Bromodichloromethane
 Concen: 0.26 ug/l
 RT: 9.41 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: VN050171.D
 Acq: 28 Jul 2018 9:11

Tgt Ion: 83 Resp: 3258
 Ion Ratio Lower Upper
 83 100
 85 52.3 51.1 76.7
 127 8.9 7.0 10.4

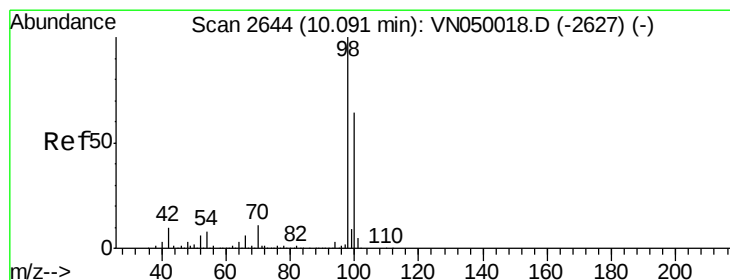
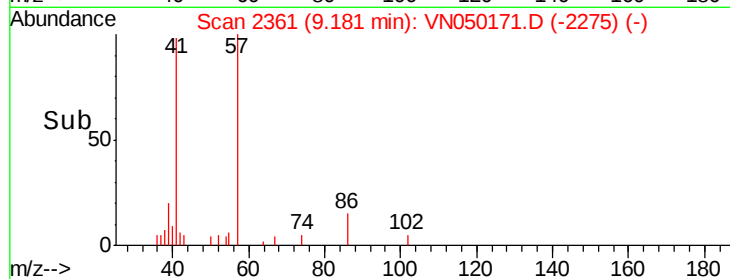
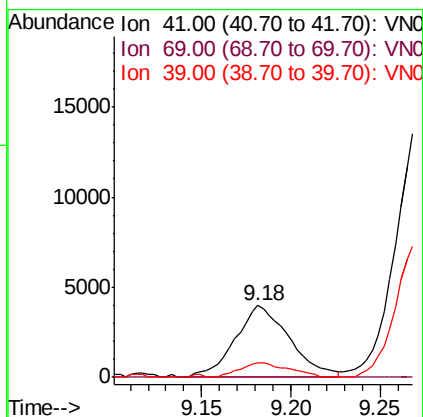
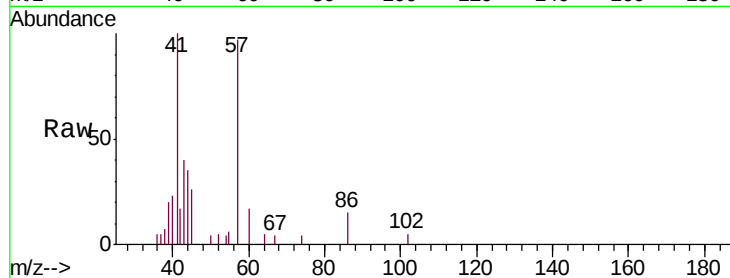




#48
Methvl methacrylate
Concen: 1.18 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

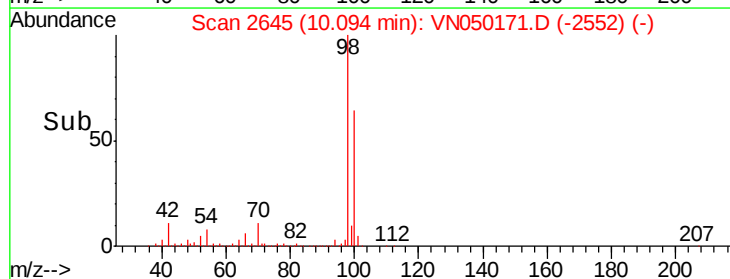
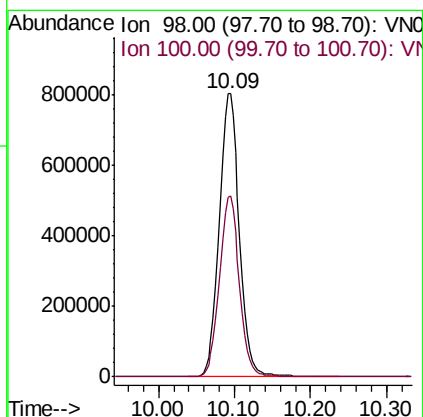
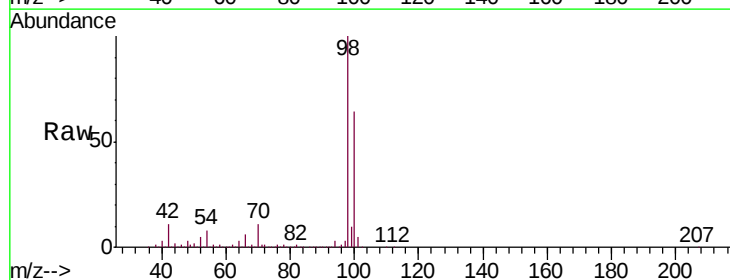
Instrument :
MSVOA_N
ClientSampled :
TP-13-S

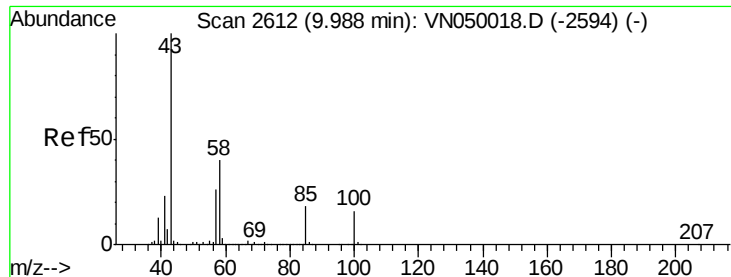
Tot Ion: 41 Resp: 8490
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 18.4 43.9 65.9#



#50
Toluene-d8
Concen: 45.96 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

Tgt Ion: 98 Resp: 1472320
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.26 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.00 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

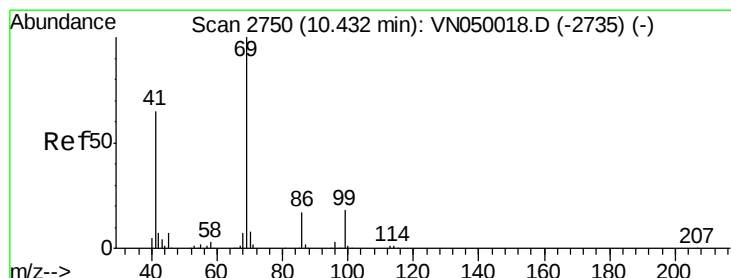
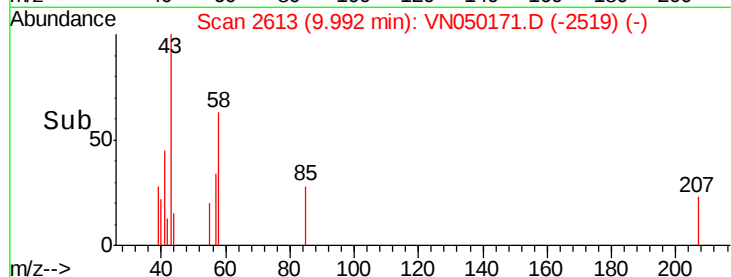
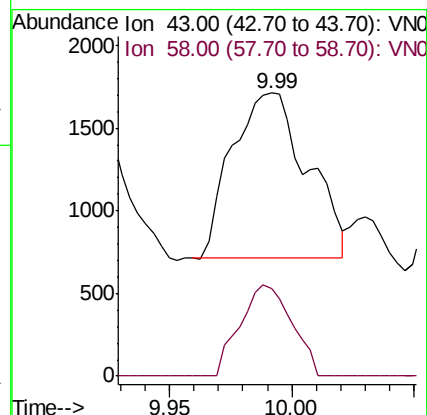
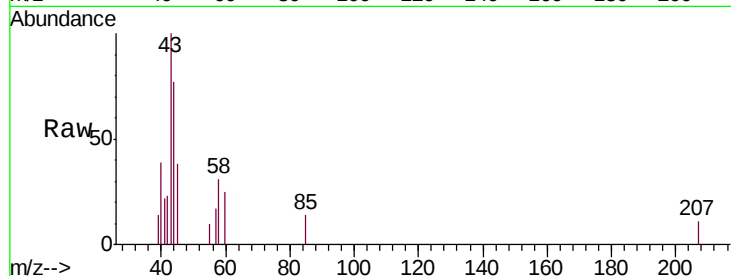
TP-13-S

Tot Ion: 43 Resp: 2143

Ion Ratio Lower Upper

43 100

58 38.0 31.9 47.9



#56

Ethyl methacrylate

Concen: 2.27 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

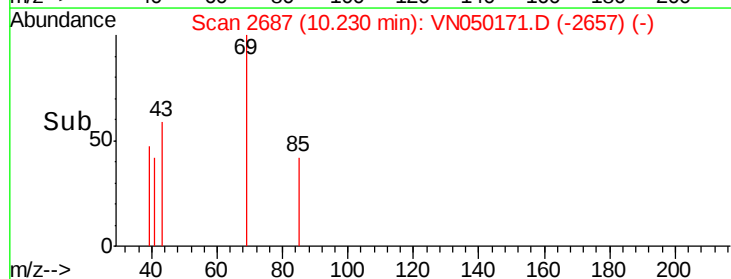
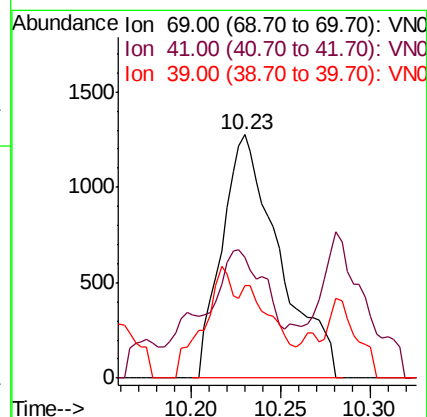
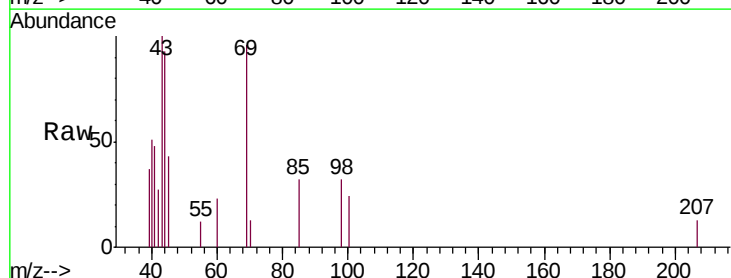
Tgt Ion: 69 Resp: 2850

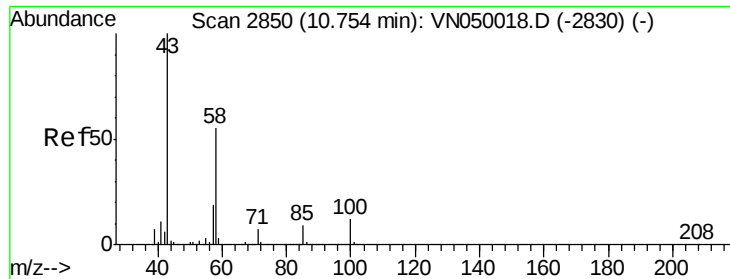
Ion Ratio Lower Upper

69 100

41 46.6 51.0 76.4#

39 25.9 26.6 40.0#





#59

2-Hexanone

Concen: 8.41 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

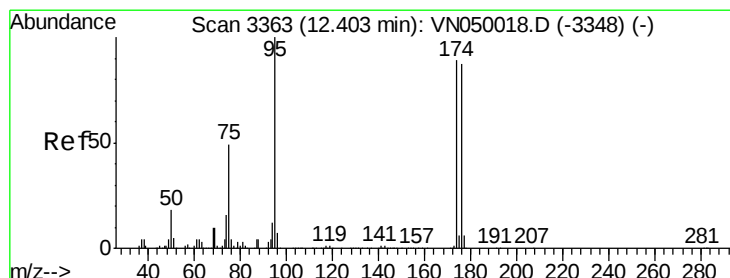
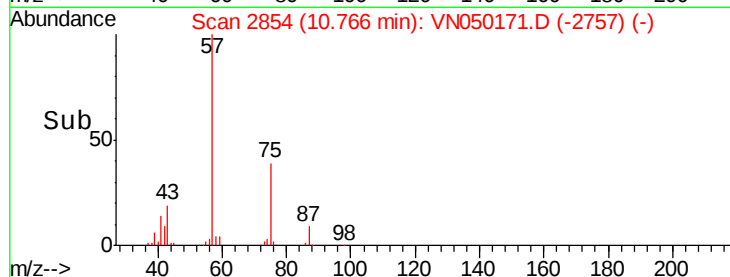
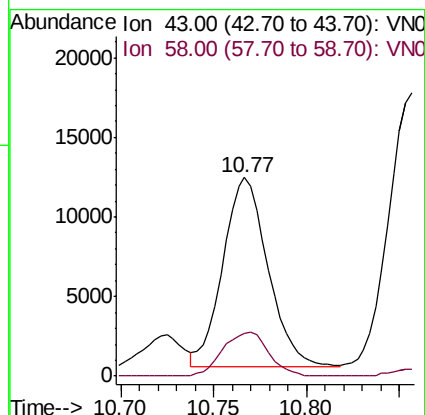
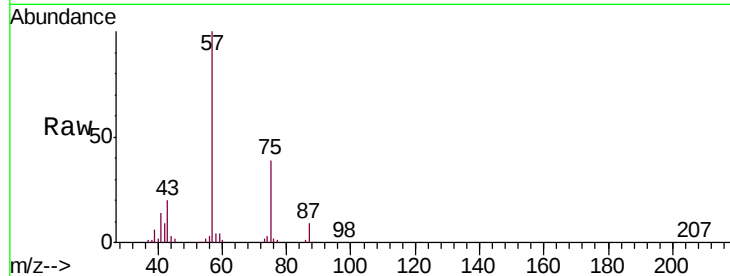
TP-13-S

Tot Ion: 43 Resp: 20031

Ion Ratio Lower Upper

43 100

58 23.6 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 40.58 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

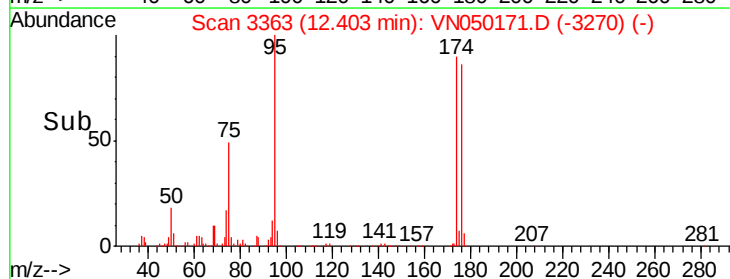
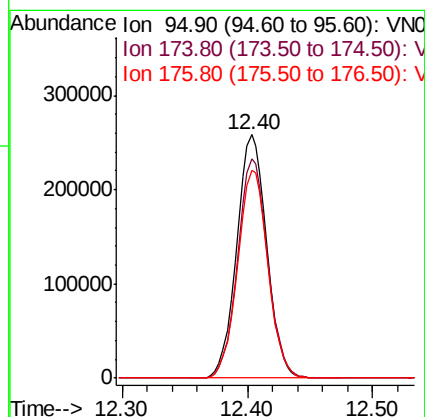
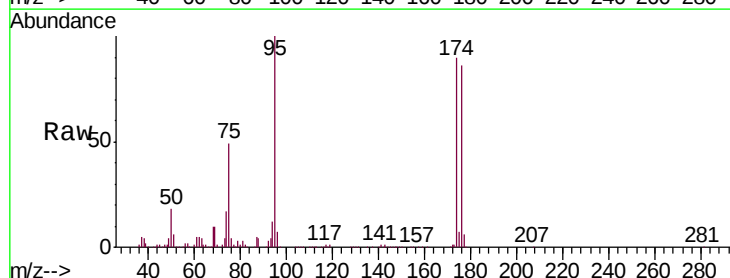
Tgt Ion: 95 Resp: 428082

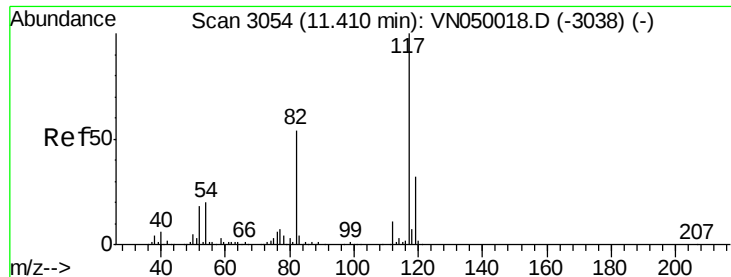
Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.2

176 86.2 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: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

TP-13-S

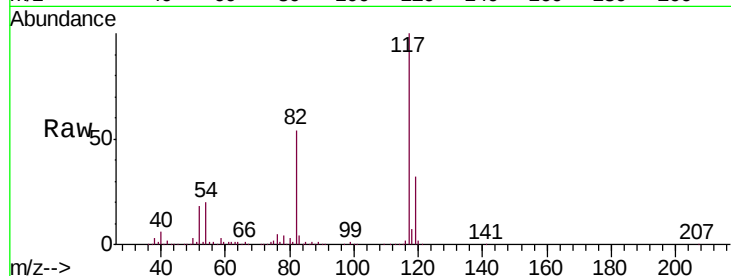
Tot Ion:117 Resp: 926784

Ion Ratio Lower Upper

117 100

82 53.7 43.7 65.5

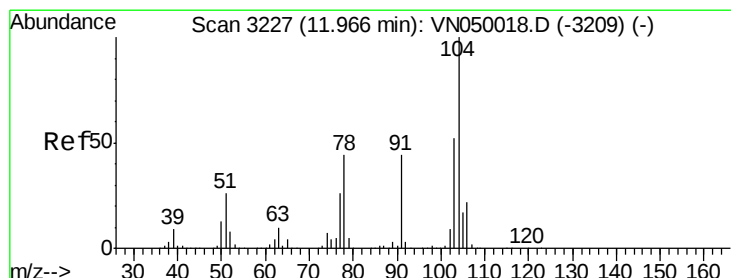
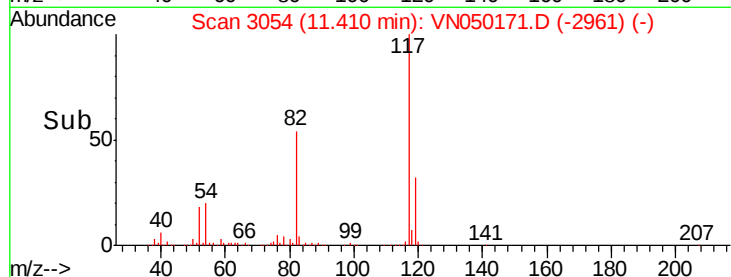
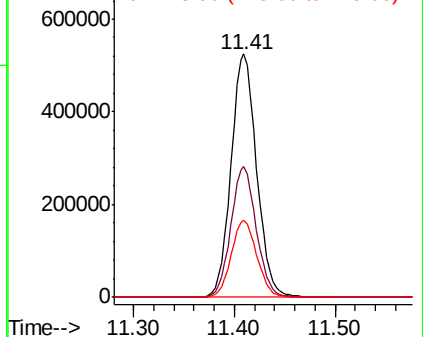
119 31.8 26.1 39.1



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: 0.95 ug/l

RT: 11.96 min Scan# 3225

Delta R.T. -0.01 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

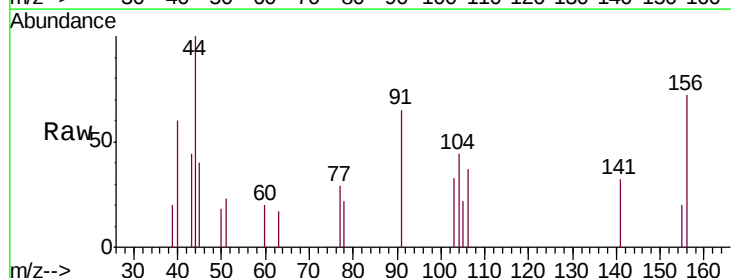
Tgt Ion:104 Resp: 771

Ion Ratio Lower Upper

104 100

78 45.0 39.3 58.9

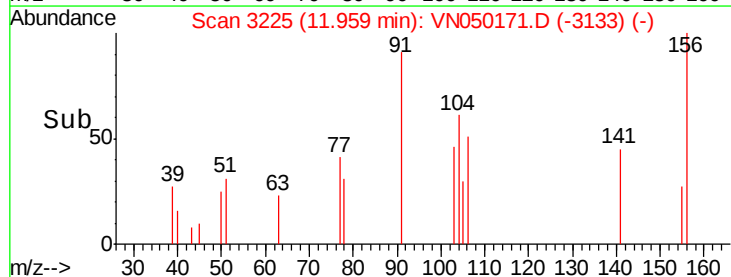
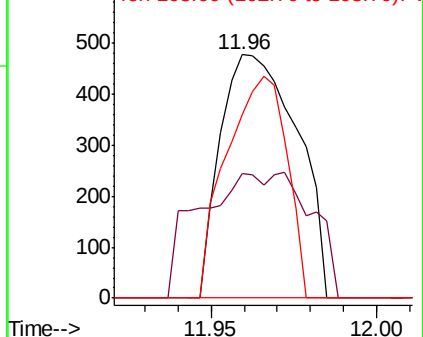
103 71.5 45.0 67.6#

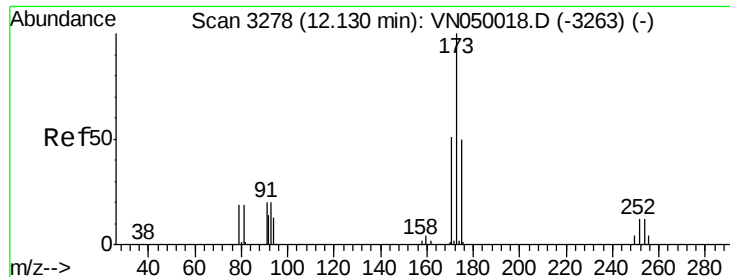


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.56 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

TP-13-S

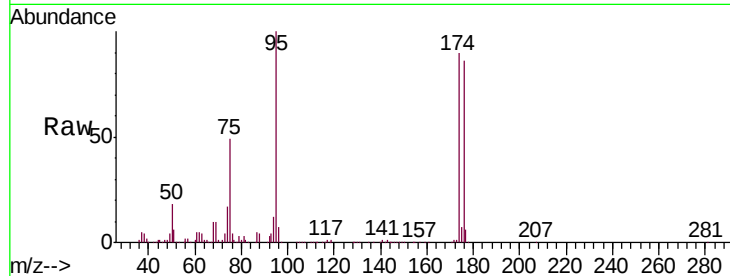
Tot Ion:173 Resp: 3674

Ion Ratio Lower Upper

173 100

175 690.4 24.1 72.2#

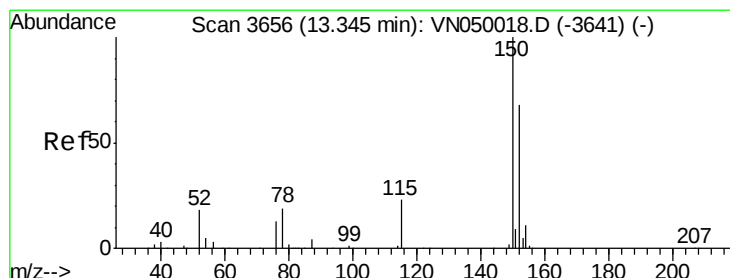
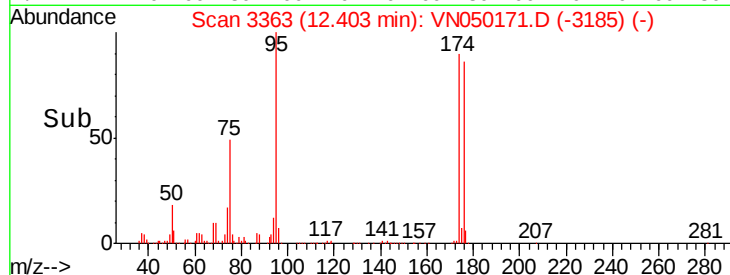
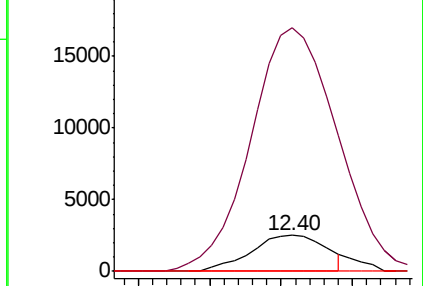
254 0.0 0.2 0.2#



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: VN050171.D

Acq: 28 Jul 2018 9:11

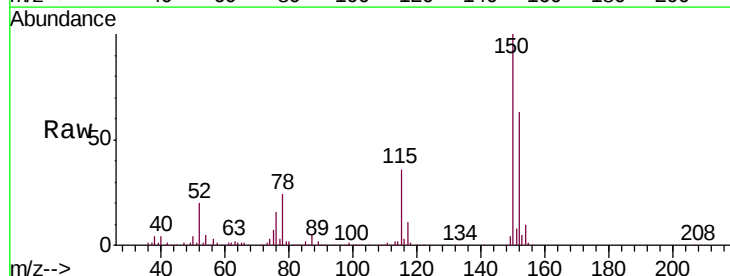
Tgt Ion:152 Resp: 361108

Ion Ratio Lower Upper

152 100

115 56.9 27.8 83.3

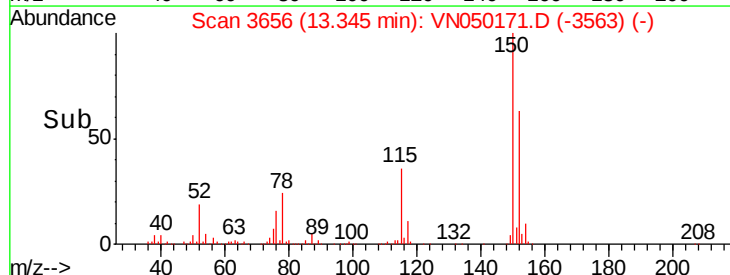
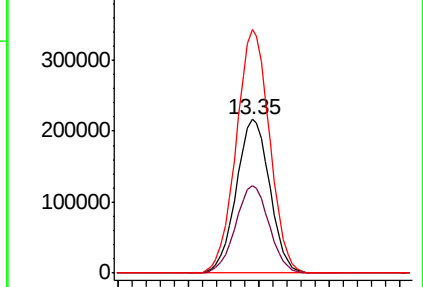
150 157.3 0.0 348.6

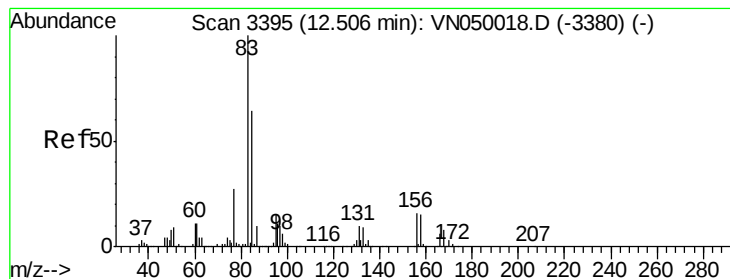


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

TP-13-S

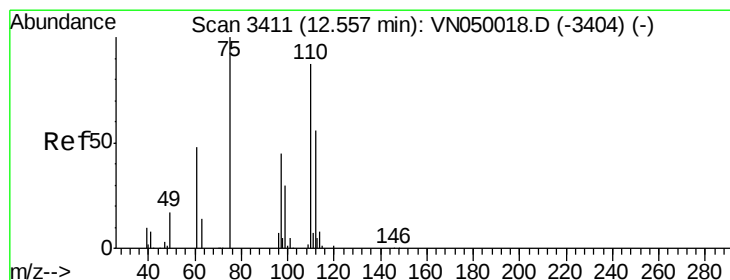
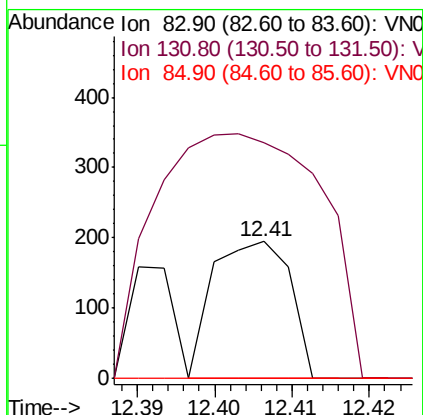
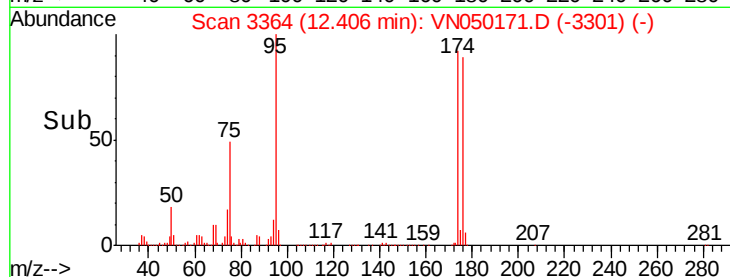
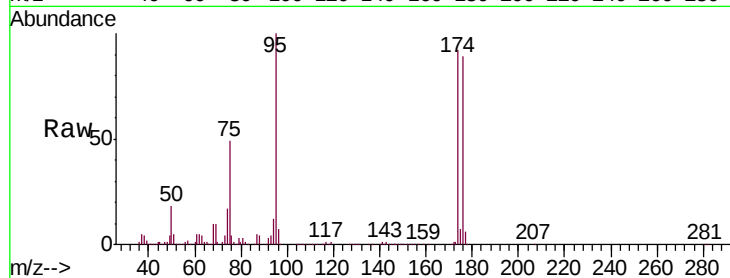
Tot Ion: 83 Resp: 135

Ion Ratio Lower Upper

83 100

131 383.0 5.1 15.3#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 31.65 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050171.D

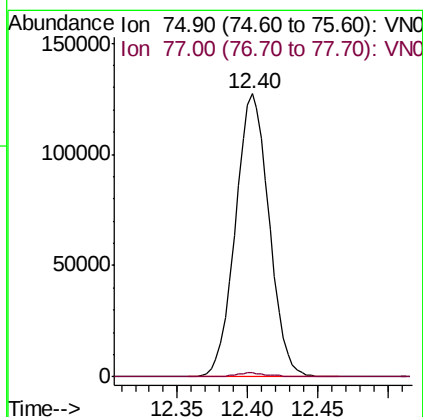
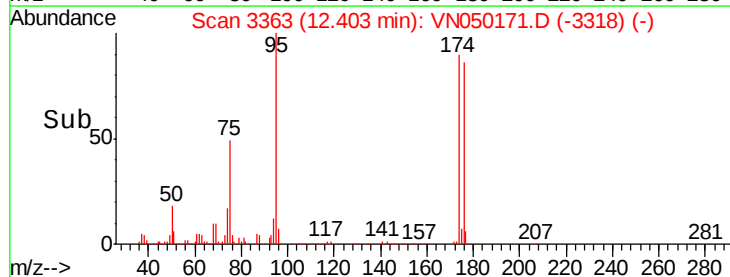
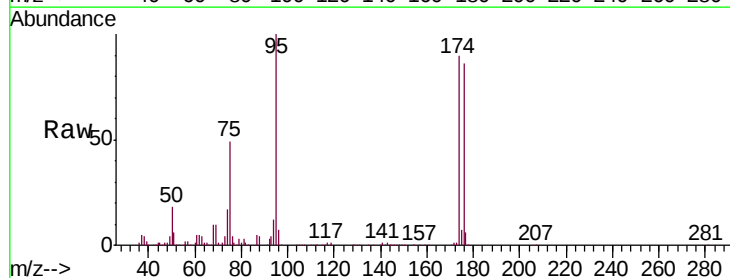
Acq: 28 Jul 2018 9:11

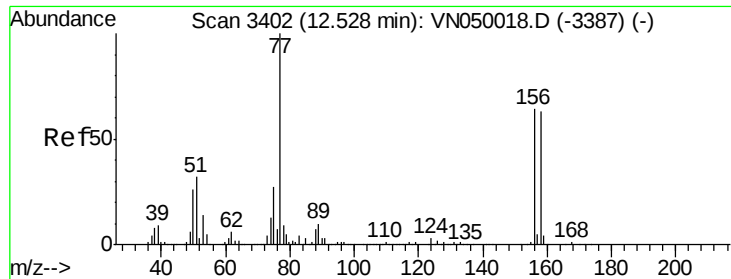
Tgt Ion: 75 Resp: 212371

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#77

Bromobenzene

Concen: 0.98 ug/l

RT: 12.56 min Scan# 3412

Delta R.T. 0.03 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampled :

TP-13-S

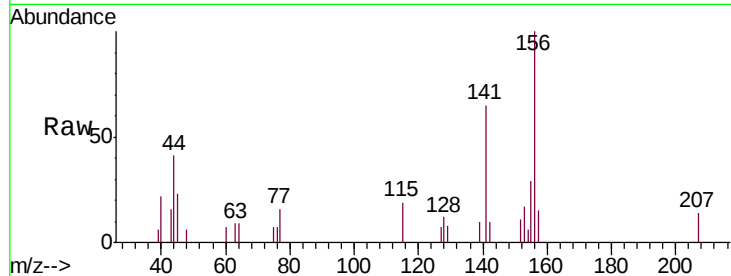
Tot Ion:156 Resp: 7643

Ion Ratio Lower Upper

156 100

77 2.3 91.7 275.1#

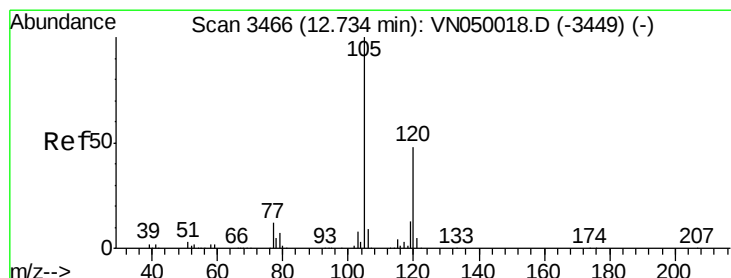
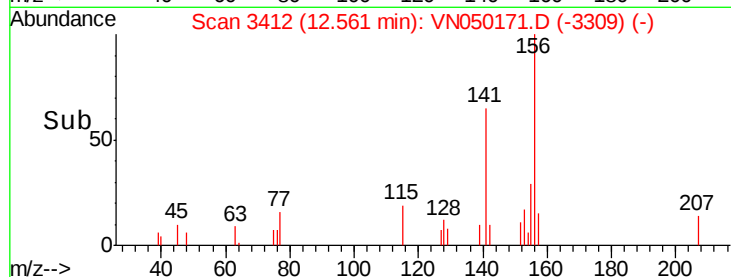
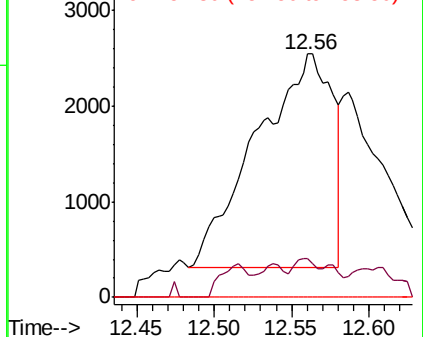
158 0.0 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.26 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050171.D

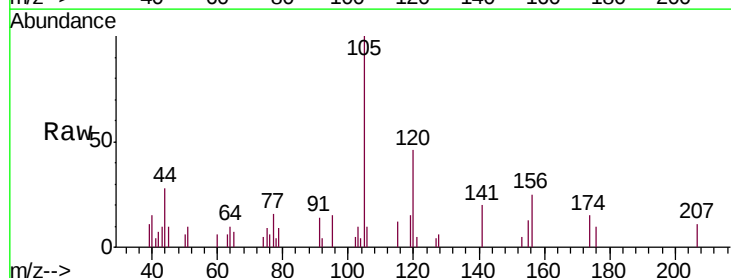
Acq: 28 Jul 2018 9:11

Tgt Ion:105 Resp: 5824

Ion Ratio Lower Upper

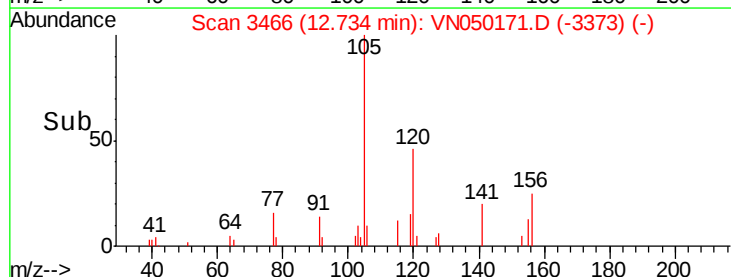
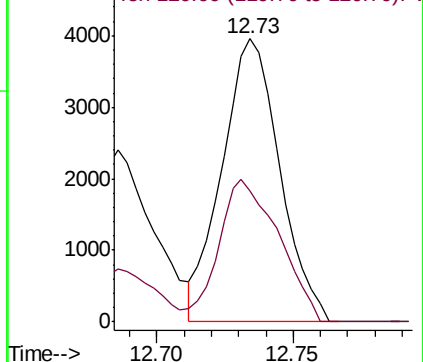
105 100

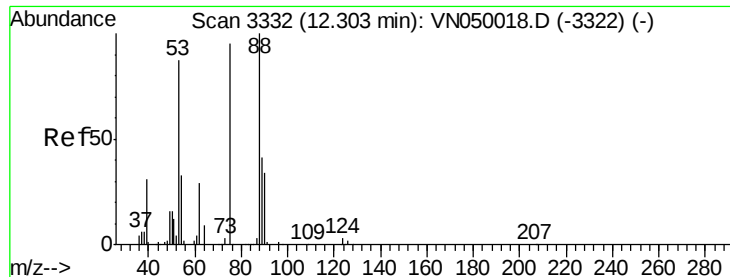
120 52.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 100.37 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampleId :

TP-13-S

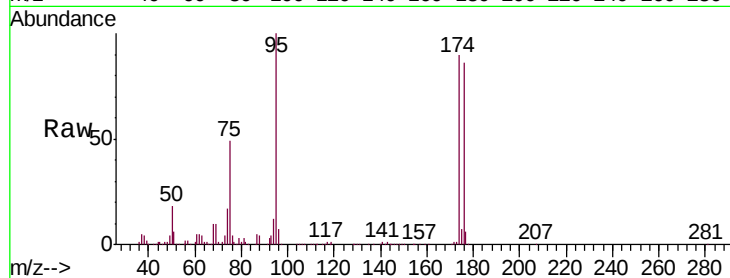
Tot Ion: 75 Resp: 212371

Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

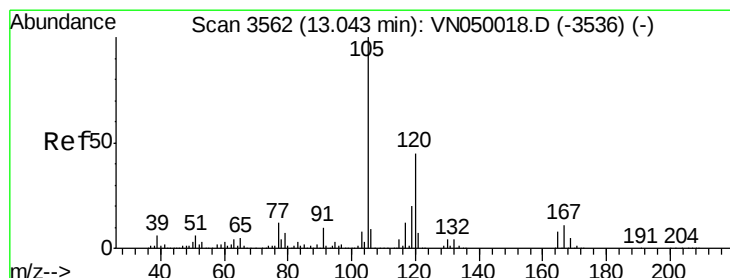
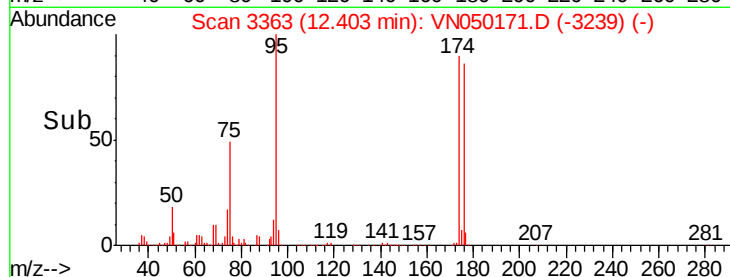
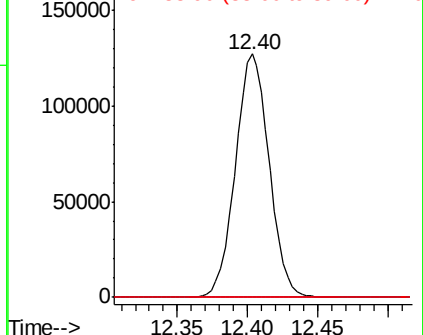
89 0.0 36.0 54.0#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.83 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050171.D

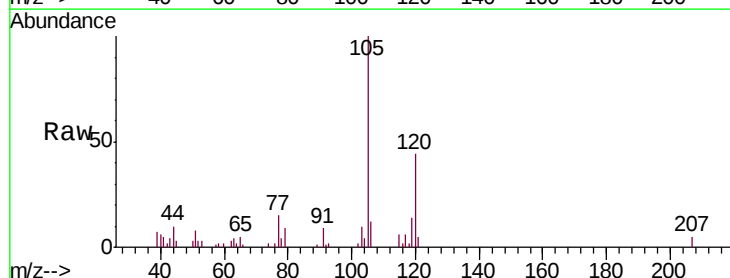
Acq: 28 Jul 2018 9:11

Tgt Ion: 105 Resp: 18493

Ion Ratio Lower Upper

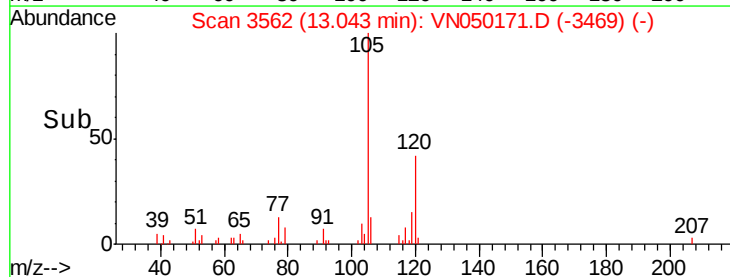
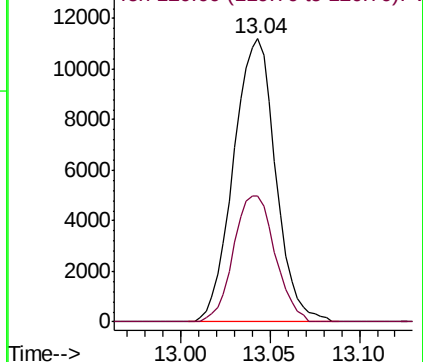
105 100

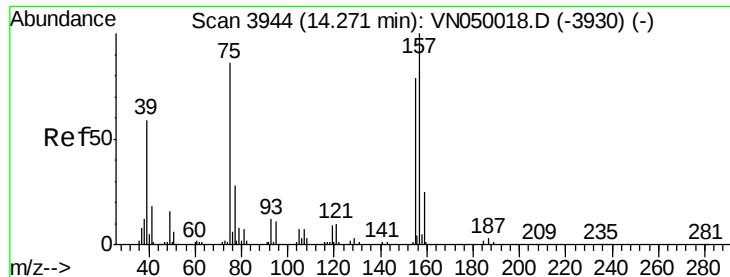
120 43.9 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3939

Delta R.T. -0.02 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

Instrument :

MSVOA_N

ClientSampled :

TP-13-S

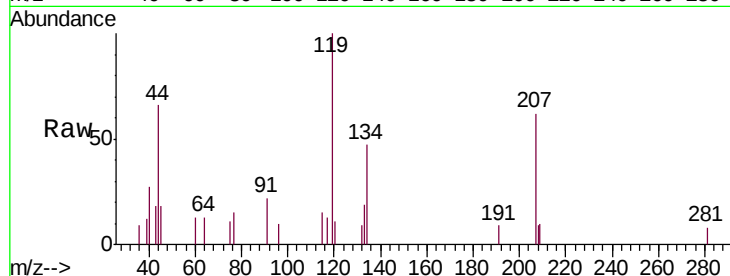
Tot Ion: 75 Resp: 106

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#

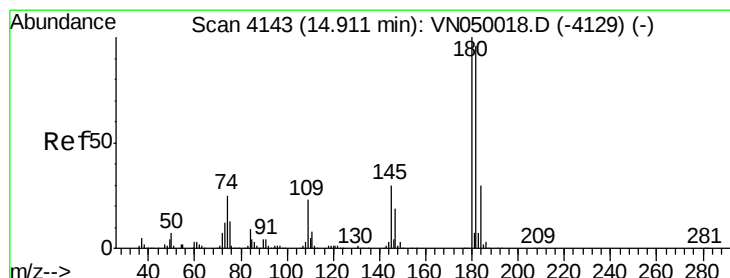
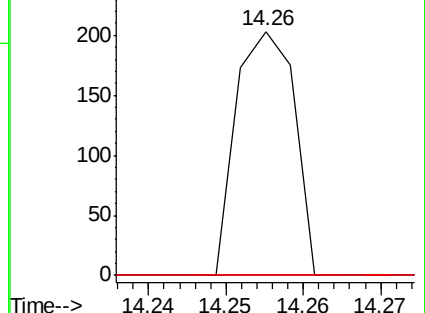
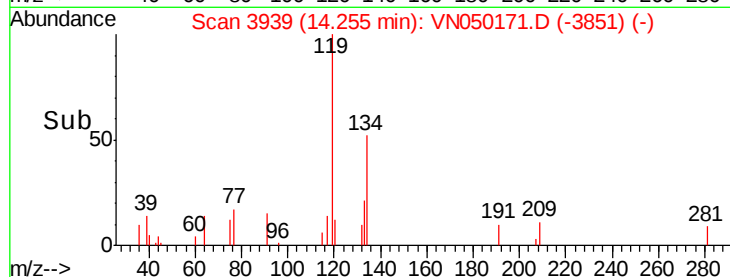


Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050018.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050018.D (-3930) (-)

14.26



#93

1,2,4-Trichlorobenzene

Concen: 3.09 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.01 min

Lab File: VN050171.D

Acq: 28 Jul 2018 9:11

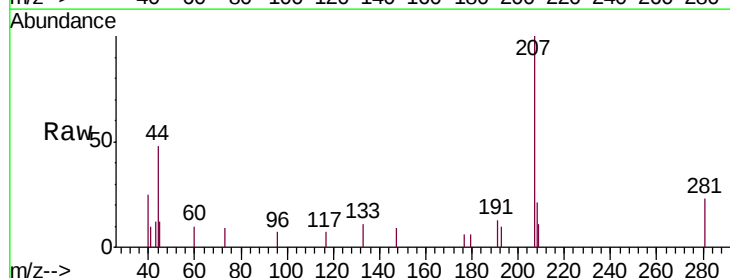
Tgt Ion: 180 Resp: 62

Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.1#

145 103.2 13.8 41.4#

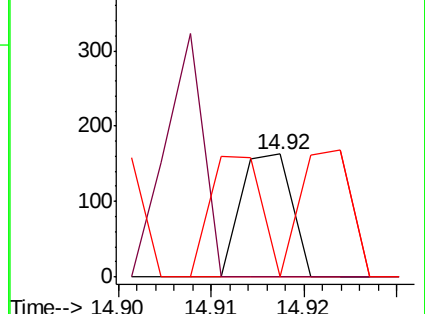
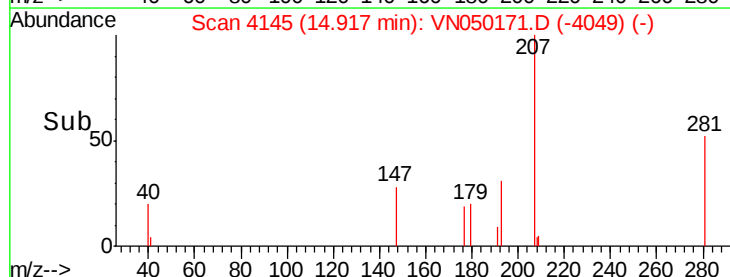


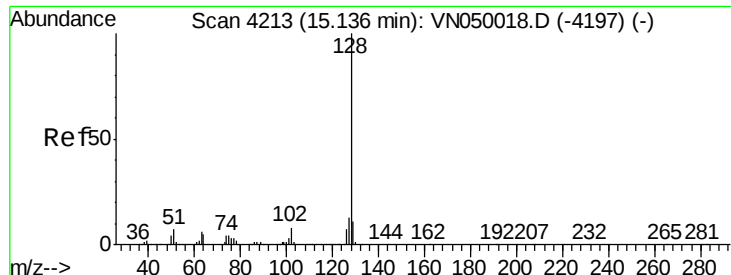
Abundance Ion 179.80 (179.50 to 180.50): VN050018.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050018.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050018.D (-4129) (-)

14.92

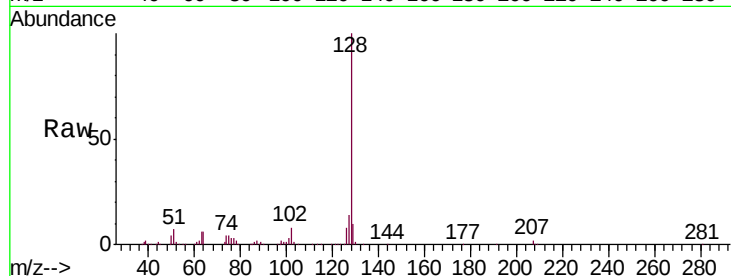




#95
Naphthalene
Concen: 19.58 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050171.D
Acq: 28 Jul 2018 9:11

Instrument :
MSVOA_N
ClientSampleId :
TP-13-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	10.6	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

