

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050071.D
 Acq On : 26 Jul 2018 3:12
 Operator : MD\SY
 Sample : J4124-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

Quant Time: Jul 26 07:01:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	624416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1034123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	856574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	346249	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	447033	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	7.59	113	395251	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
50) Toluene-d8	10.09	98	1378101	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	
62) 4-Bromofluorobenzene	12.40	95	397358	38.88	ug/l	0.00
Spiked Amount			Recovery	=	77.76%	

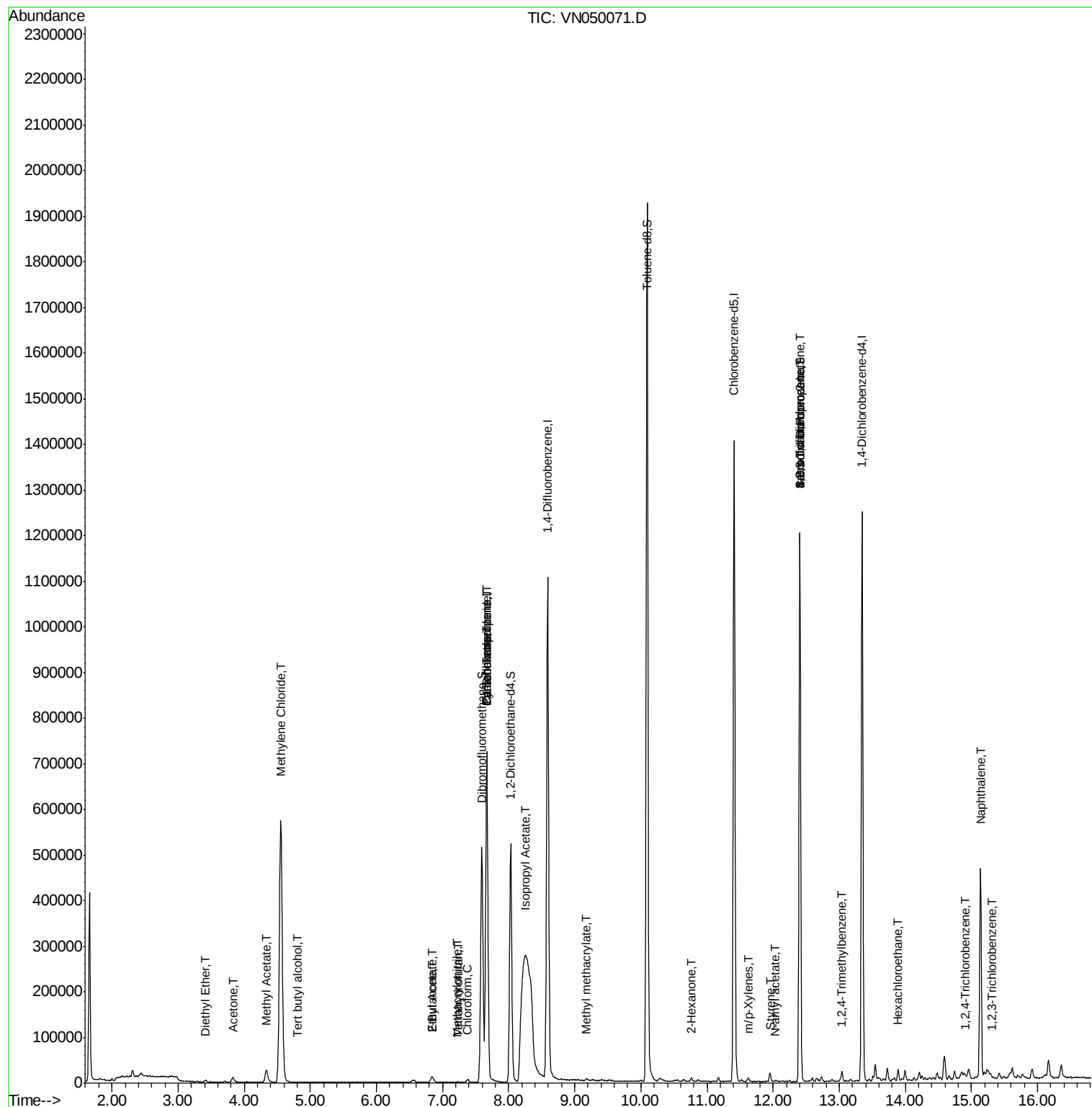
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	418	Below Cal		100
8) Diethyl Ether	3.41	74	1509	0.34 ug/l		87
11) Tert butyl alcohol	4.81	59	947	1.48 ug/l #		72
16) Acetone	3.83	43	19066	5.04 ug/l		95
18) Methyl Acetate	4.34	43	52532	5.12 ug/l		99
20) Methylene Chloride	4.55	84	446036	57.94 ug/l		99
25) 2-Butanone	6.84	43	6117	1.84 ug/l		98
29) Tetrahydrofuran	7.23	42	1729	0.81 ug/l #		42
30) Chloroform	7.38	83	6213	0.42 ug/l		89
31) Cyclohexane	7.67	56	11361	0.88 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	43368	3.72 ug/l #		48
37) Ethyl Acetate	6.84	43	6117	0.75 ug/l #		70
38) Carbon Tetrachloride	7.67	117	57816	4.68 ug/l #		17
41) Methacrylonitrile	7.21	41	382	2.83 ug/l #		10
43) Isopropyl Acetate	8.25	43	490712	31.64 ug/l #		61
48) Methyl methacrylate	9.17	41	1597	0.23 ug/l #		35
59) 2-Hexanone	10.76	43	4665	5.95 ug/l		77
68) m/p-Xylenes	11.62	106	2659	0.20 ug/l		89
70) Styrene	11.97	104	793	0.96 ug/l #		76
71) Bromoform	12.40	173	3737	0.62 ug/l #		1
74) N-amyl acetate	12.04	43	2797	0.34 ug/l #		45
75) 1,1,2,2-Tetrachloroethane	12.41	83	297	Below Cal #		1
76) 1,2,3-Trichloropropane	12.40	75	193707	30.10 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.40	75	193707	95.48 ug/l #		13
84) 1,2,4-Trimethylbenzene	13.04	105	11870	0.56 ug/l		100
90) Hexachloroethane	13.89	117	2030	0.44 ug/l #		4
92) 1,2-Dibromo-3-Chloropropan	13.99	75	68	Below Cal #		1
93) 1,2,4-Trichlorobenzene	14.91	180	1051	3.23 ug/l #		76
95) Naphthalene	15.14	128	405311	27.78 ug/l		99
96) 1,2,3-Trichlorobenzene	15.31	180	97	2.22 ug/l #		1

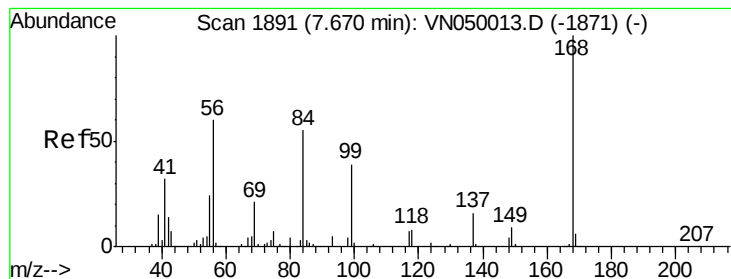
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

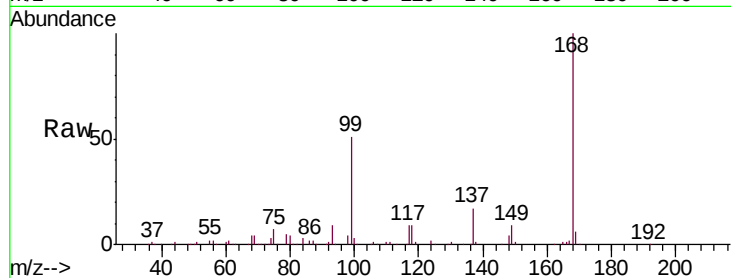
TP-11-D

Tot Ion:168 Resp: 624416

Ion Ratio Lower Upper

168 100

99 51.2 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

250000

200000

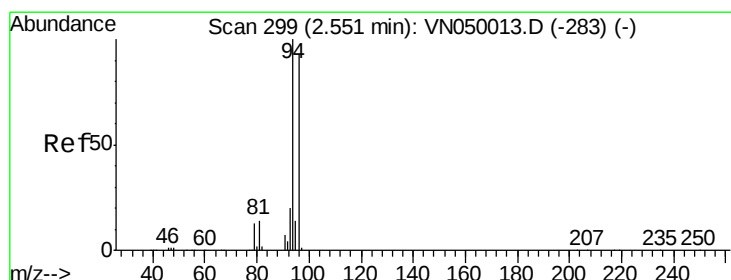
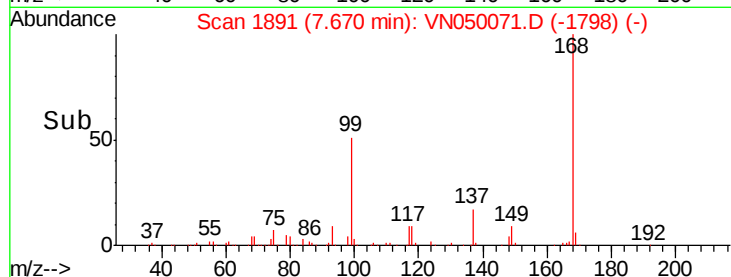
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050071.D

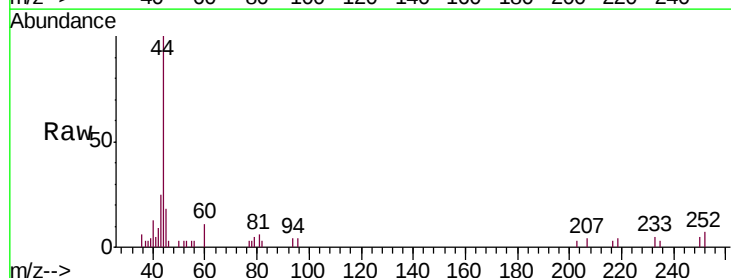
Acq: 26 Jul 2018 3:12

Tgt Ion: 94 Resp: 418

Ion Ratio Lower Upper

94 100

96 93.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

300

250

200

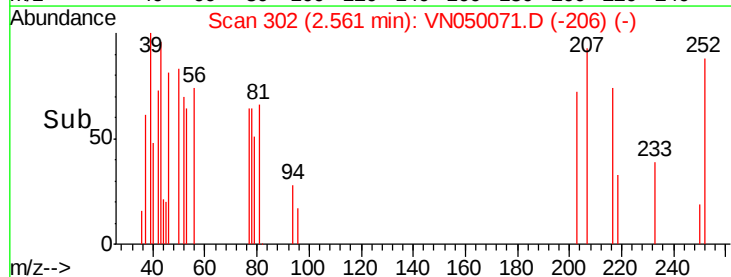
150

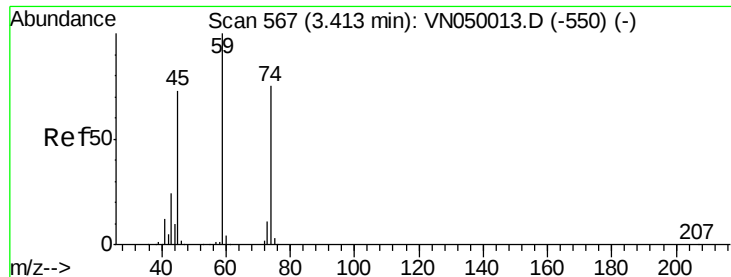
100

50

0

Time-->





#8

Diethyl Ether

Concen: 0.34 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

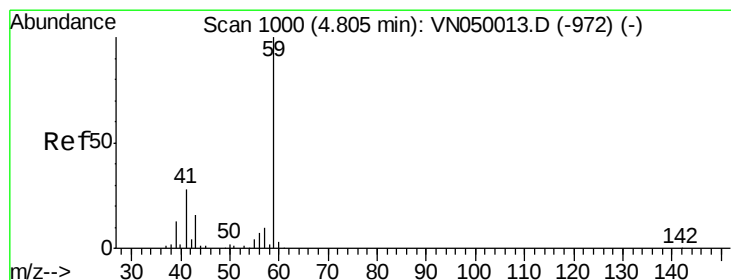
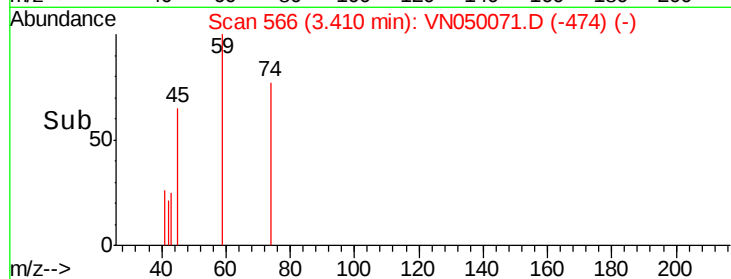
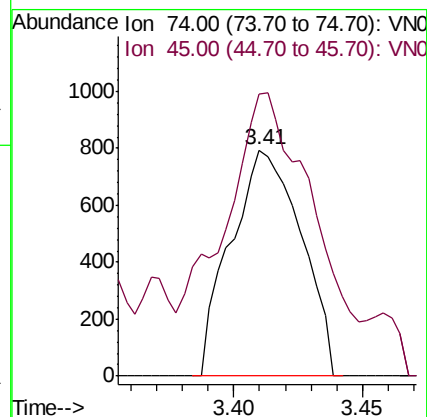
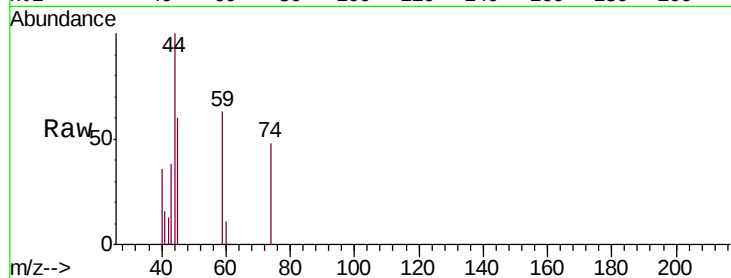
TP-11-D

Tot Ion: 74 Resp: 1509

Ion Ratio Lower Upper

74 100

45 107.4 47.6 142.8



#11

Tert butyl alcohol

Concen: 1.48 ug/l

RT: 4.81 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN050071.D

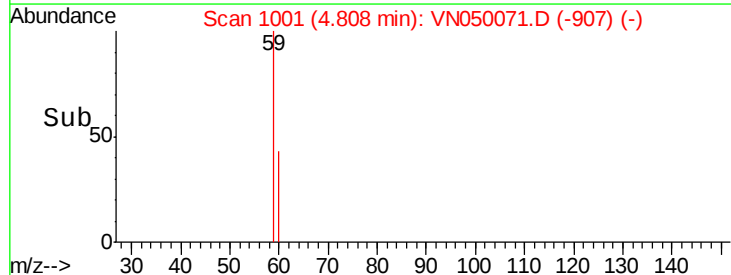
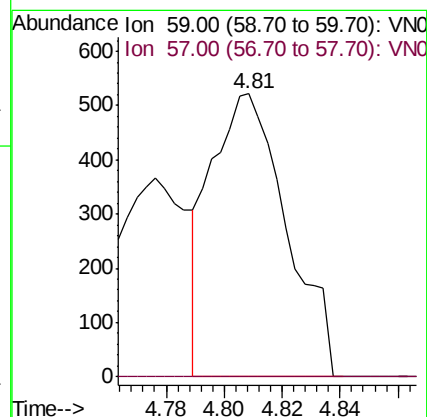
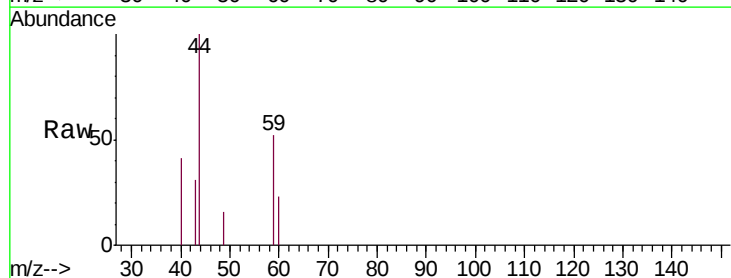
Acq: 26 Jul 2018 3:12

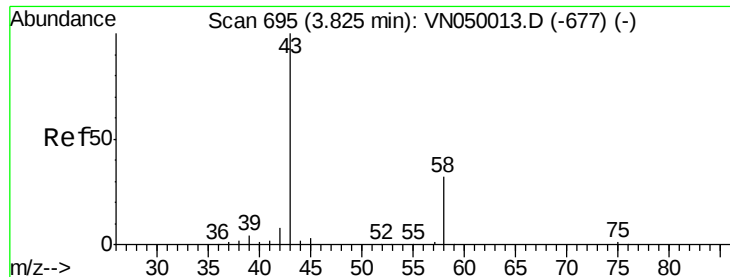
Tgt Ion: 59 Resp: 947

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#16

Acetone

Concen: 5.04 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

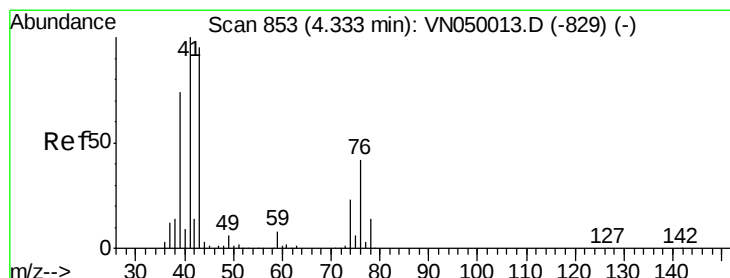
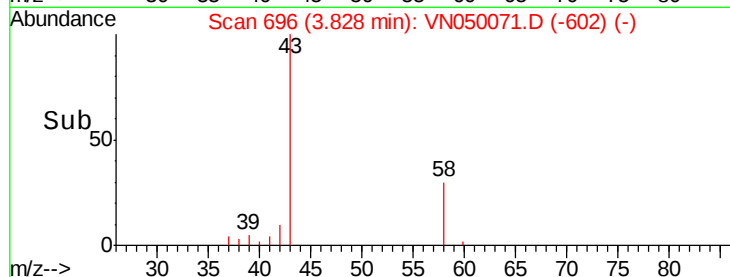
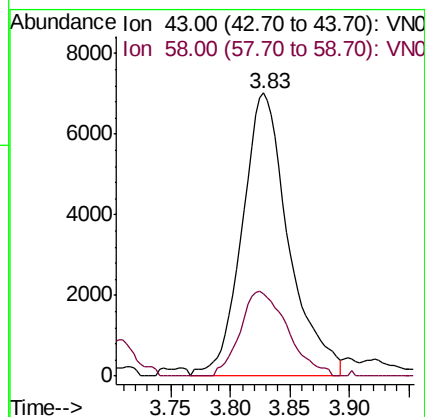
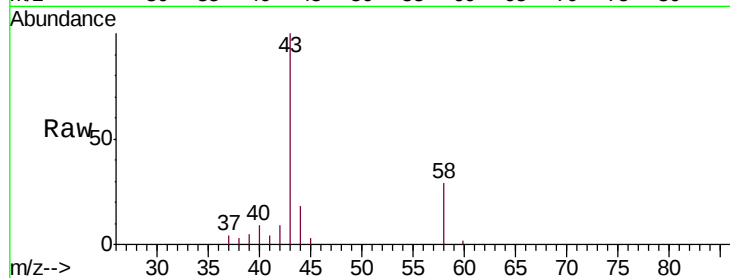
TP-11-D

Tot Ion: 43 Resp: 19066

Ion Ratio Lower Upper

43 100

58 29.3 25.8 38.8



#18

Methyl Acetate

Concen: 5.12 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN050071.D

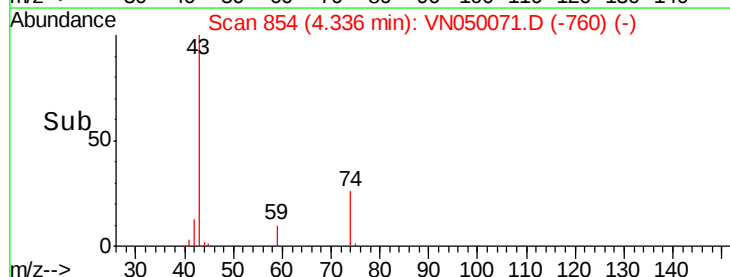
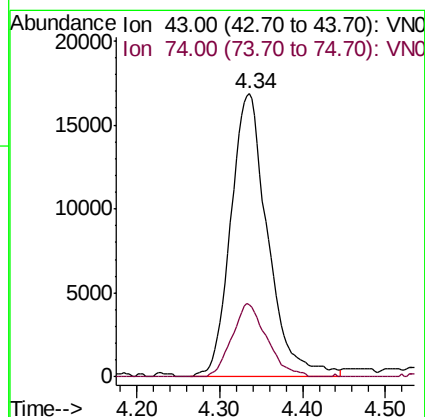
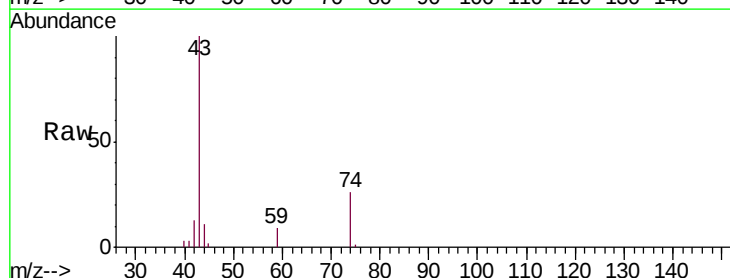
Acq: 26 Jul 2018 3:12

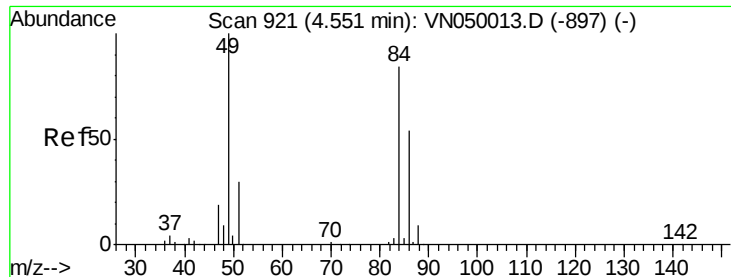
Tgt Ion: 43 Resp: 52532

Ion Ratio Lower Upper

43 100

74 24.3 19.2 28.8

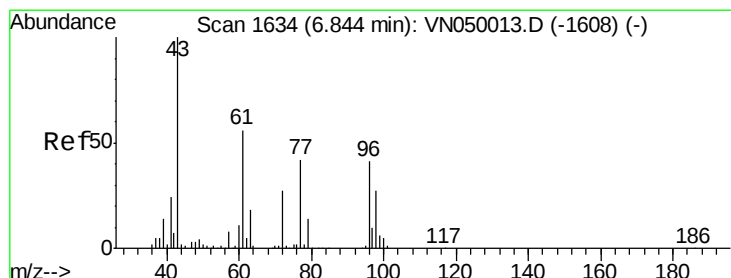
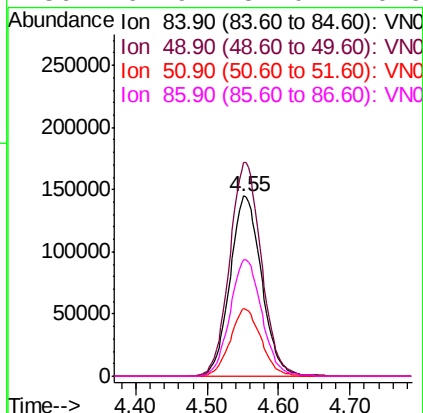
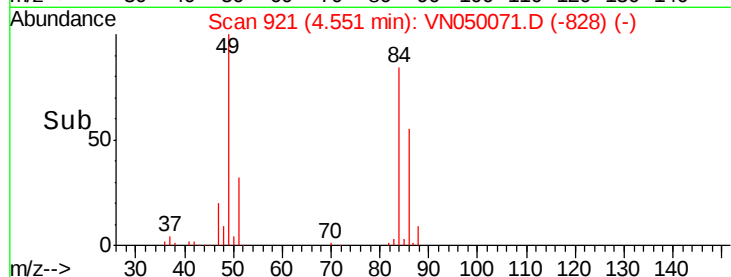
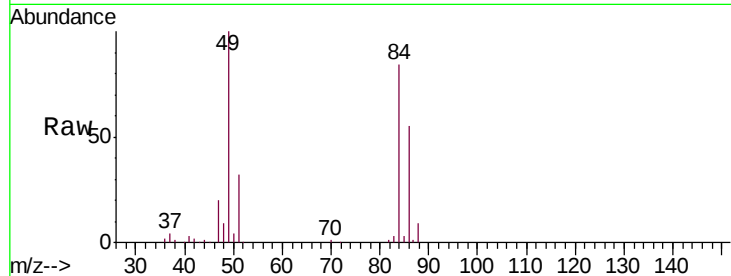




#20
Methvlene Chloride
Concen: 57.94 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

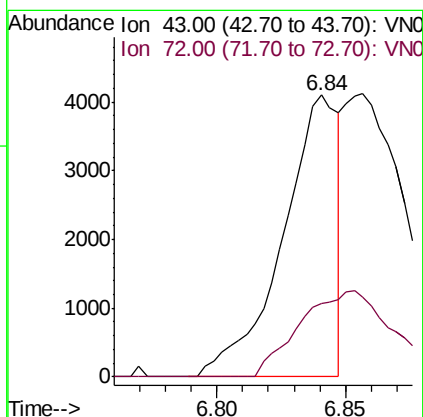
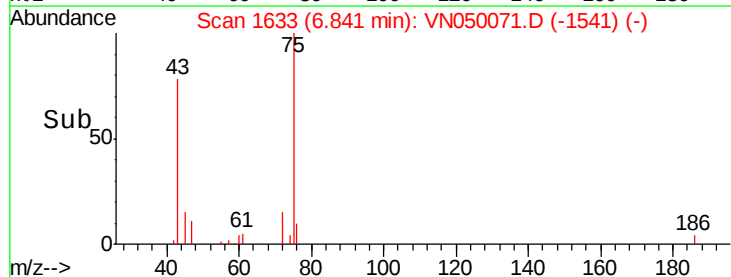
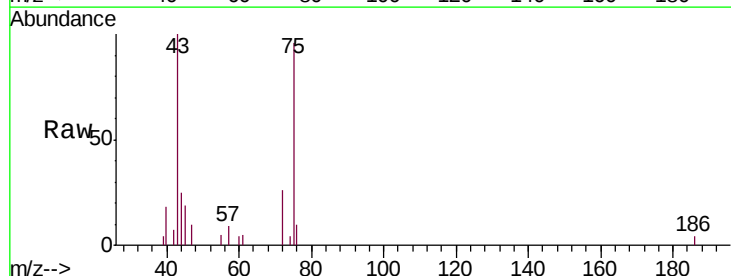
Instrument :
MSVOA_N
ClientSampled :
TP-11-D

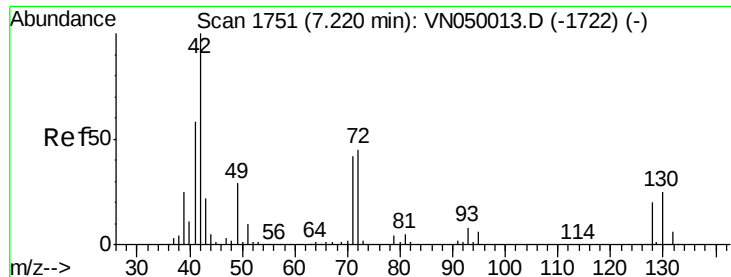
Tot Ion: 84 Resp: 446036
Ion Ratio Lower Upper
84 100
49 118.4 94.8 142.2
51 37.5 28.3 42.5
86 64.9 51.0 76.6



#25
2-Butanone
Concen: 1.84 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Tgt Ion: 43 Resp: 6117
Ion Ratio Lower Upper
43 100
72 26.0 21.5 32.3

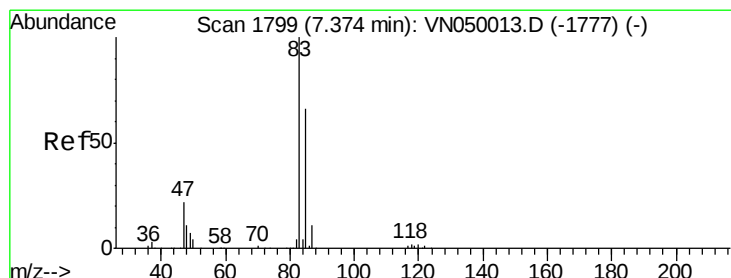
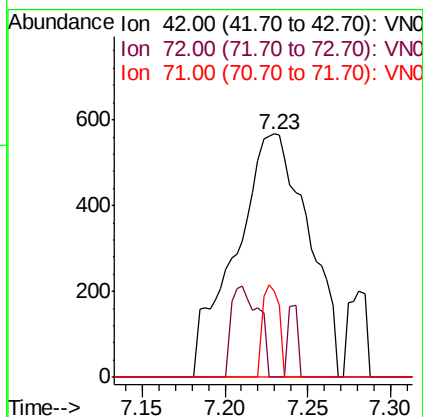
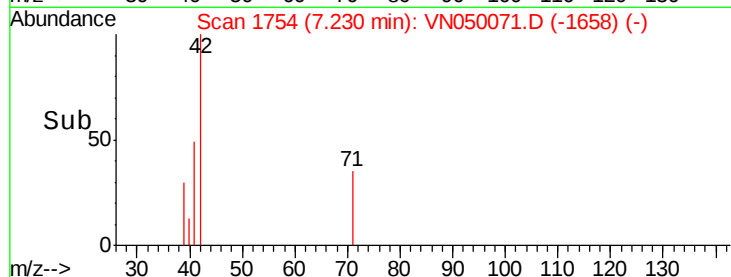
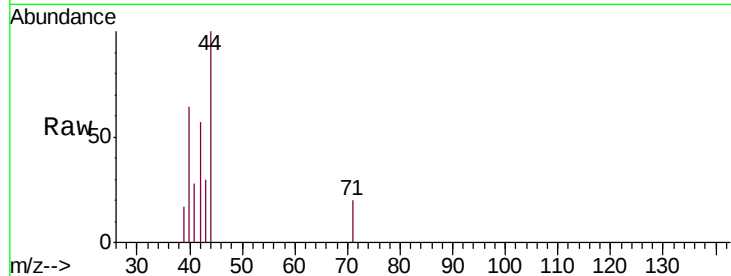




#29
Tetrahydrofuran
Concen: 0.81 ug/l
RT: 7.23 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

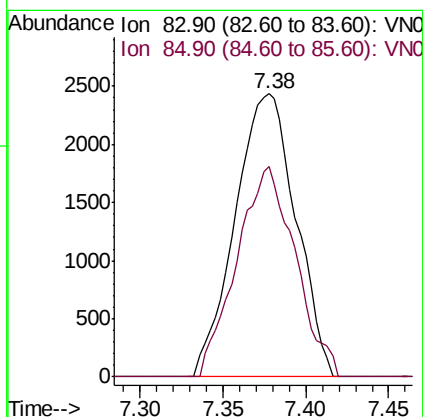
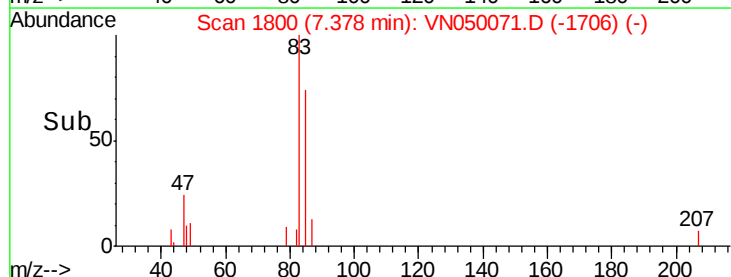
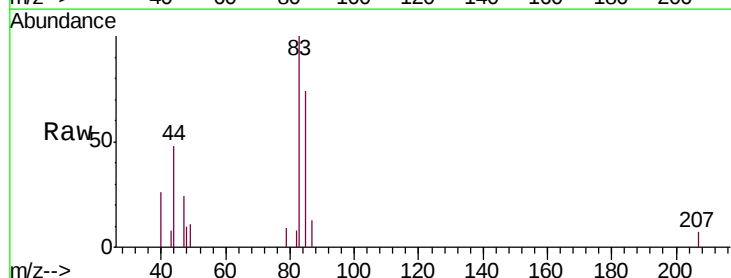
Instrument :
MSVOA_N
ClientSampled :
TP-11-D

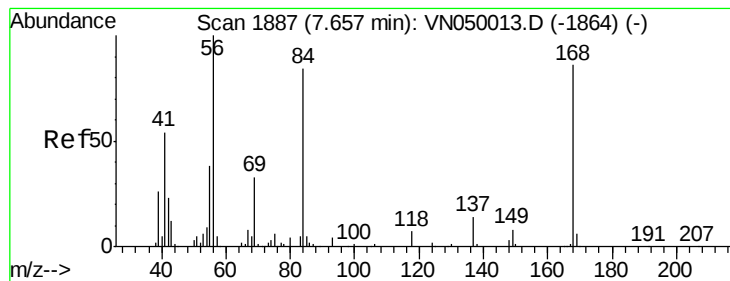
Tot Ion: 42 Resp: 1729
Ion Ratio Lower Upper
42 100
72 3.7 35.9 53.9#
71 8.6 33.7 50.5#



#30
Chloroform
Concen: 0.42 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Tgt Ion: 83 Resp: 6213
Ion Ratio Lower Upper
83 100
85 74.3 52.5 78.7





#31

Cyclohexane

Concen: 0.88 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampleID :

TP-11-D

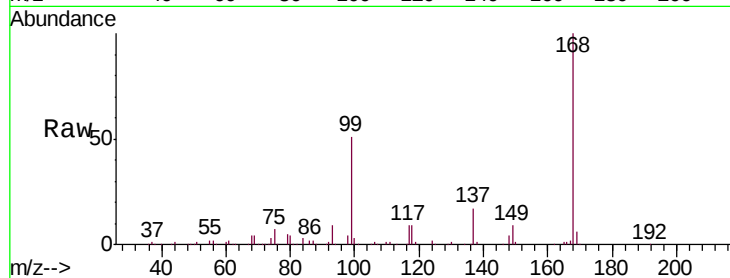
Tot Ion: 56 Resp: 11361

Ion Ratio Lower Upper

56 100

69 205.6 26.2 39.4#

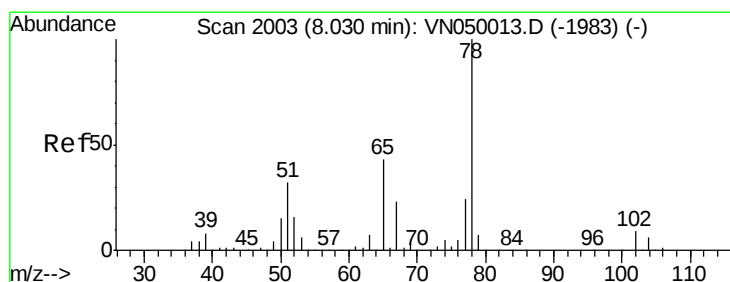
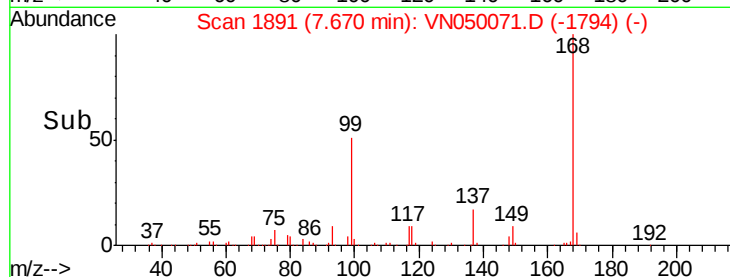
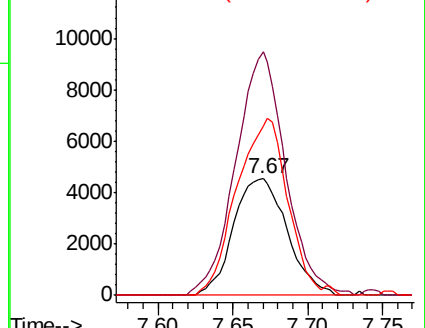
84 145.1 67.4 101.0#



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: 51.31 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050071.D

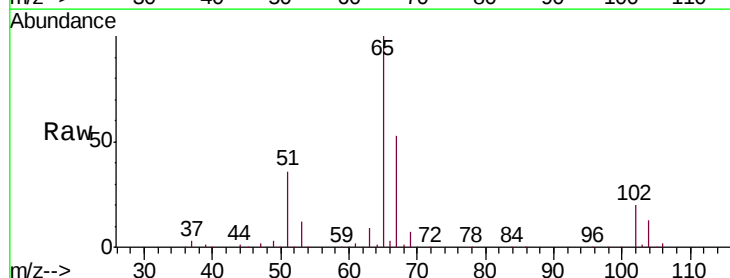
Acq: 26 Jul 2018 3:12

Tgt Ion: 65 Resp: 447033

Ion Ratio Lower Upper

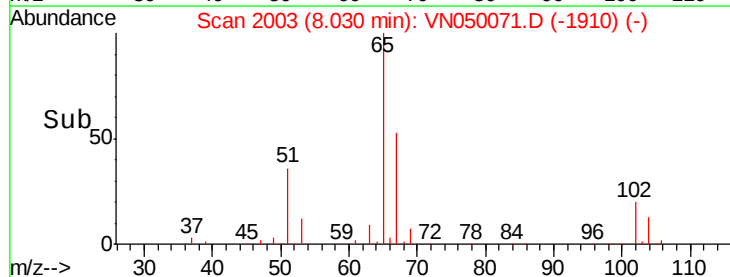
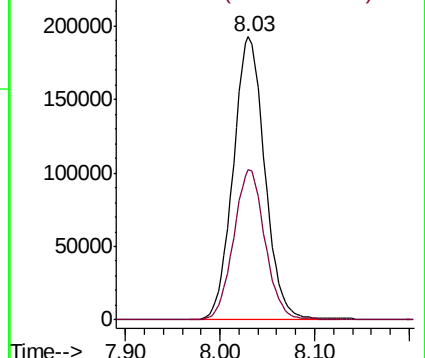
65 100

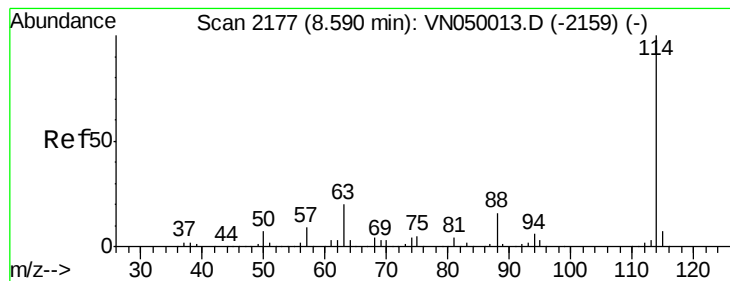
67 52.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

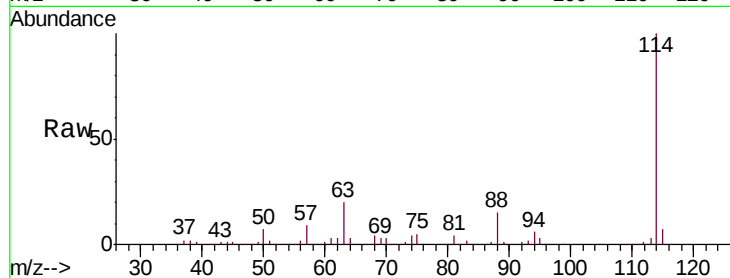
Tot Ion:114 Resp: 1034123

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

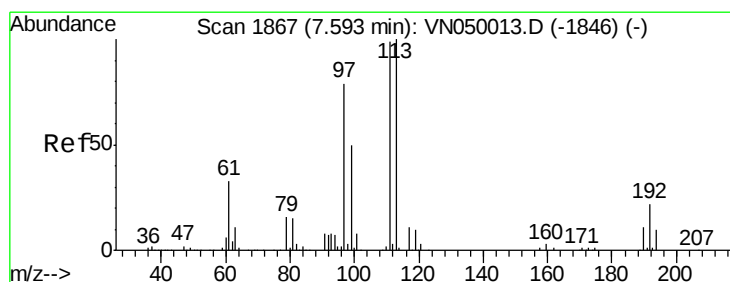
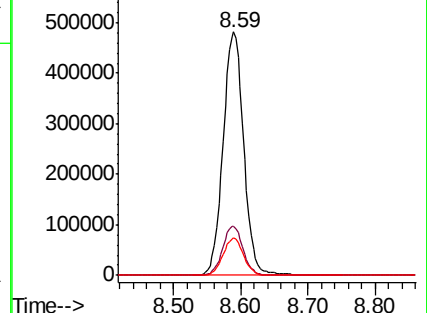
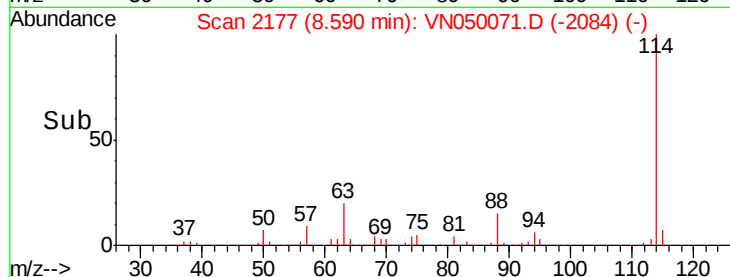
88 15.3 0.0 31.2



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: 46.81 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

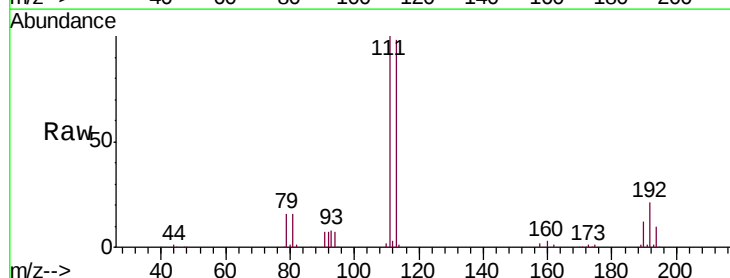
Tgt Ion:113 Resp: 395251

Ion Ratio Lower Upper

113 100

111 102.6 80.7 121.1

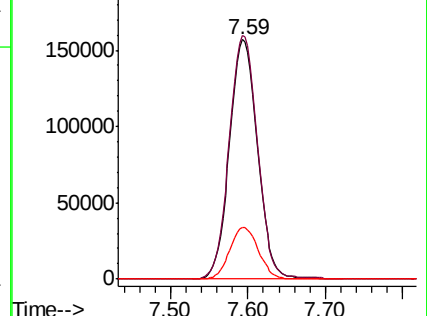
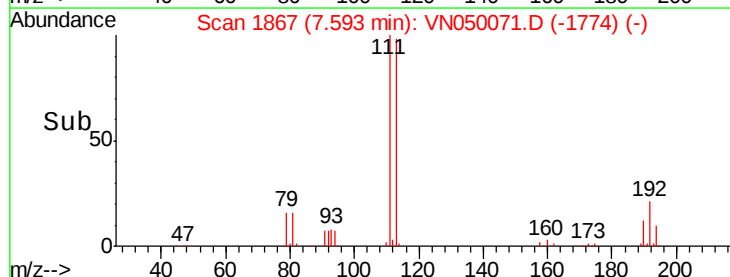
192 22.1 17.8 26.6

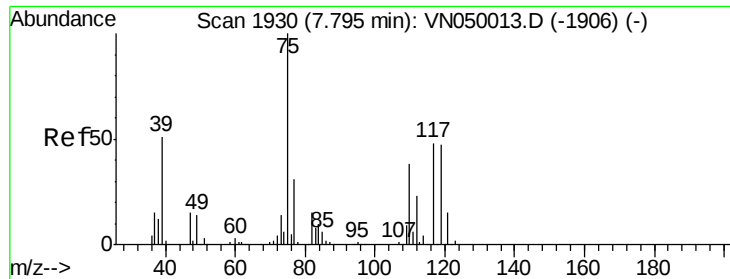


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.72 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

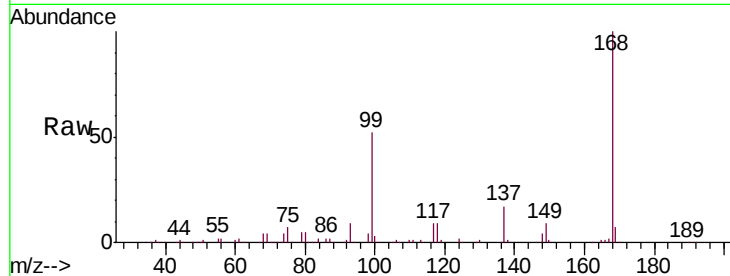
Tot Ion: 75 Resp: 43368

Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.2#

77 0.0 25.3 37.9#

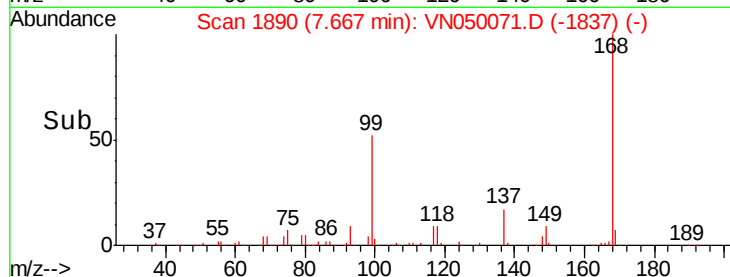


Abundance Ion 74.90 (74.60 to 75.60): VN050013.D (-1906) (-)

Ion 109.90 (109.60 to 110.60): VN050013.D (-1906) (-)

Ion 76.90 (76.60 to 77.60): VN050013.D (-1906) (-)

Time-->

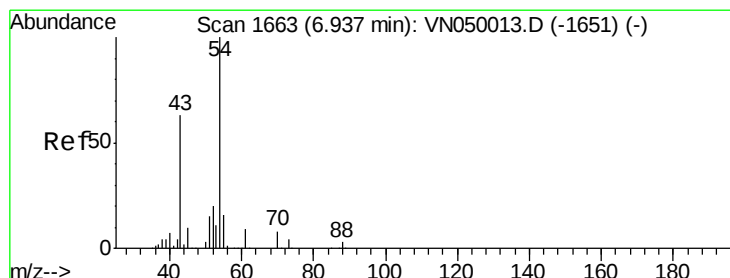


Abundance Ion 74.90 (74.60 to 75.60): VN050071.D (-1837) (-)

Ion 109.90 (109.60 to 110.60): VN050071.D (-1837) (-)

Ion 76.90 (76.60 to 77.60): VN050071.D (-1837) (-)

Time-->



#37

Ethyl Acetate

Concen: 0.75 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.10 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

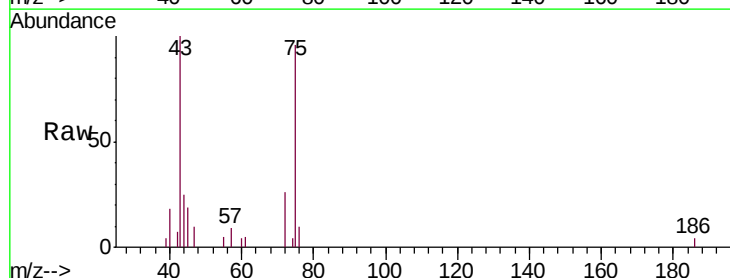
Tgt Ion: 43 Resp: 6117

Ion Ratio Lower Upper

43 100

61 1.8 11.8 17.8#

70 0.0 8.4 12.6#

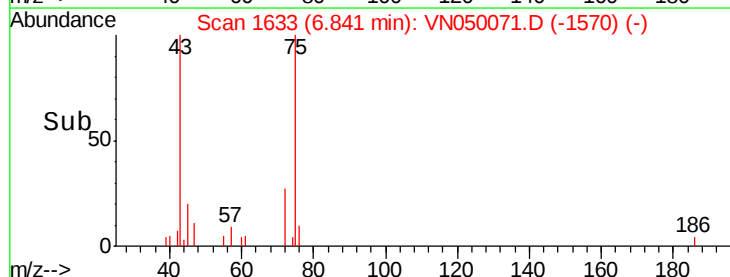


Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-1651) (-)

Ion 60.90 (60.60 to 61.60): VN050013.D (-1651) (-)

Ion 70.00 (69.70 to 70.70): VN050013.D (-1651) (-)

Time-->

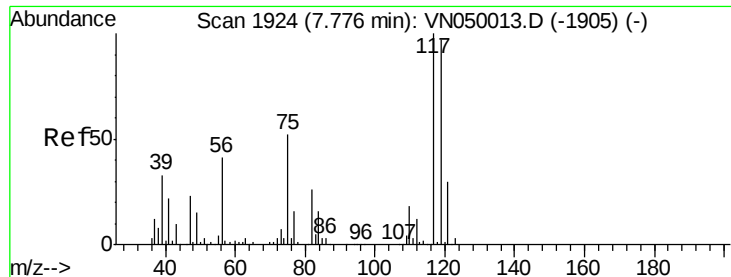


Abundance Ion 43.00 (42.70 to 43.70): VN050071.D (-1570) (-)

Ion 60.90 (60.60 to 61.60): VN050071.D (-1570) (-)

Ion 70.00 (69.70 to 70.70): VN050071.D (-1570) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.68 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

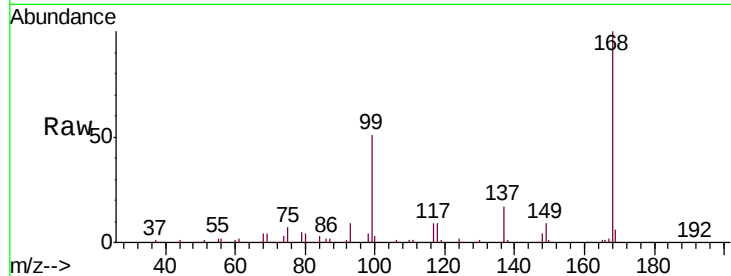
Tot Ion:117 Resp: 57816

Ion Ratio Lower Upper

117 100

119 6.5 77.4 116.0#

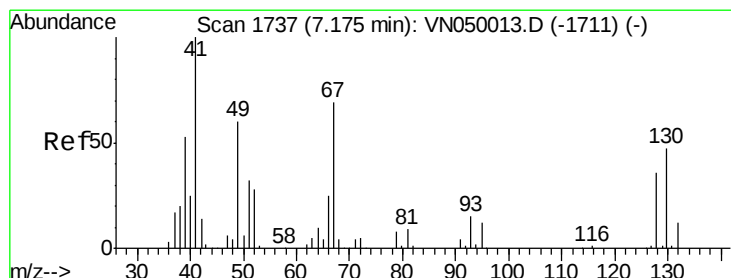
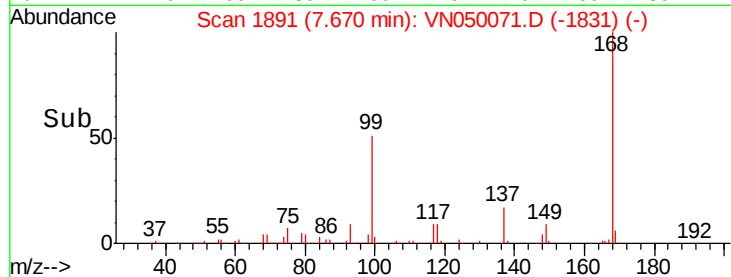
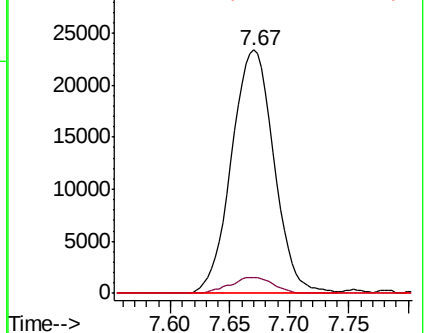
121 0.0 23.9 35.9#



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: 2.83 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. 0.04 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Tgt Ion: 41 Resp: 382

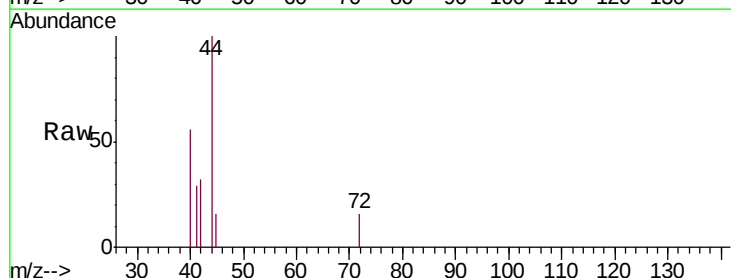
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

67 0.0 84.3 126.5#

52 0.0 34.2 51.2#

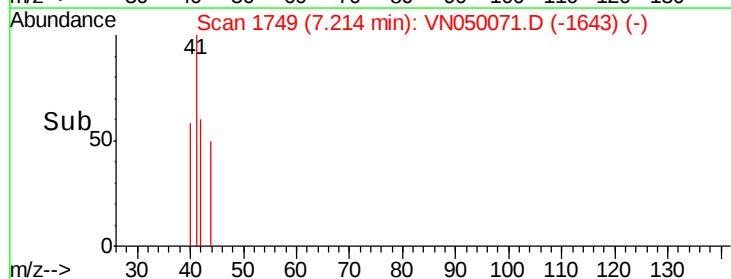
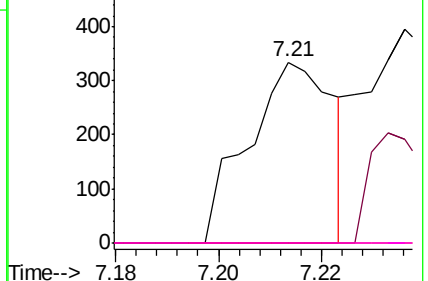


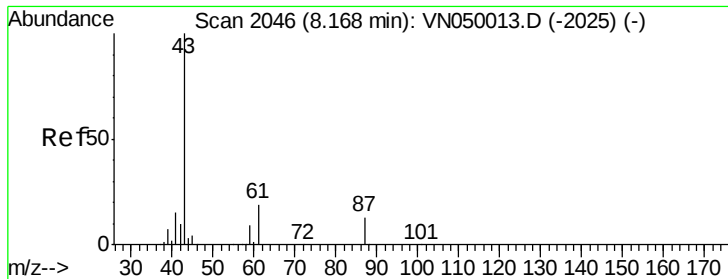
Abundance Ion 41.00 (40.70 to 41.70): VNO

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



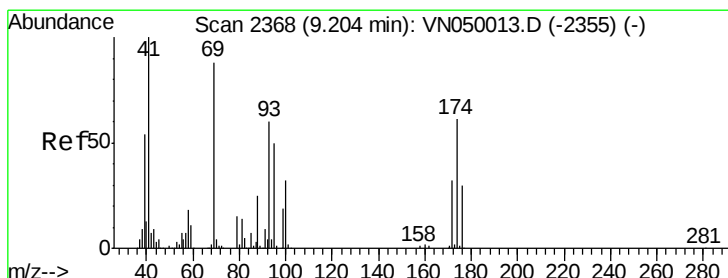
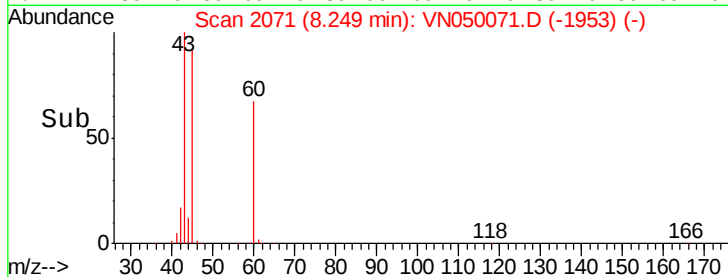
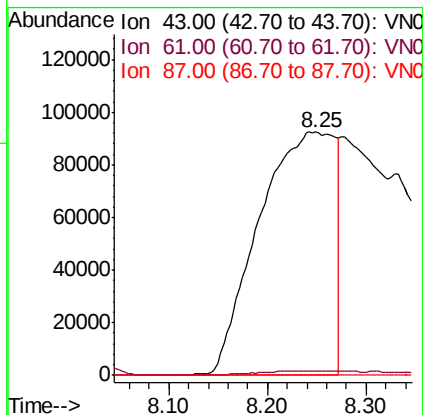
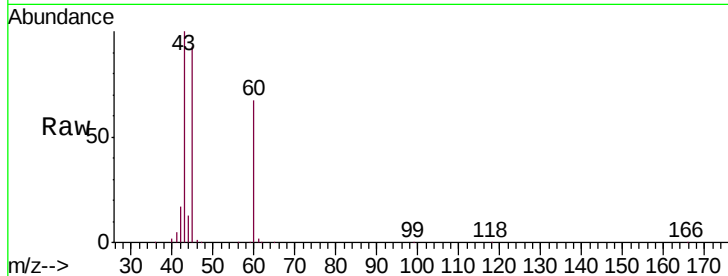


#43

Isopropyl Acetate
 Concen: 31.64 ug/l
 RT: 8.25 min Scan# 2071
 Delta R.T. 0.08 min
 Lab File: VN050071.D
 Acq: 26 Jul 2018 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

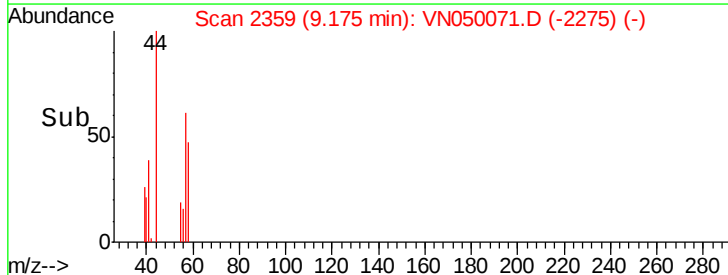
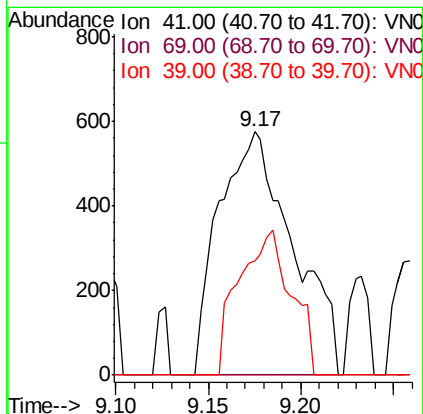
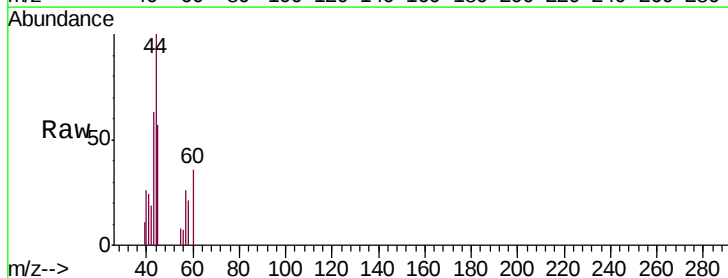
Tot Ion	43	Resp	490712
Ion Ratio	Lower	Upper	
43	100		
61	0.0	15.8	23.6#
87	0.0	10.3	15.5#

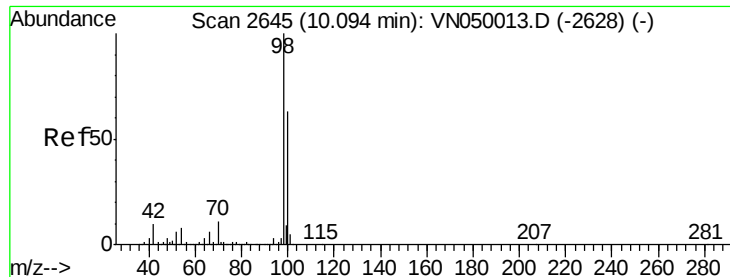


#48

Methyl methacrylate
 Concen: 0.23 ug/l
 RT: 9.17 min Scan# 2359
 Delta R.T. -0.03 min
 Lab File: VN050071.D
 Acq: 26 Jul 2018 3:12

Tgt Ion	41	Resp	1597
Ion Ratio	Lower	Upper	
41	100		
69	0.0	70.6	105.8#
39	42.3	43.9	65.9#





#50

Toluene-d8

Concen: 44.40 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

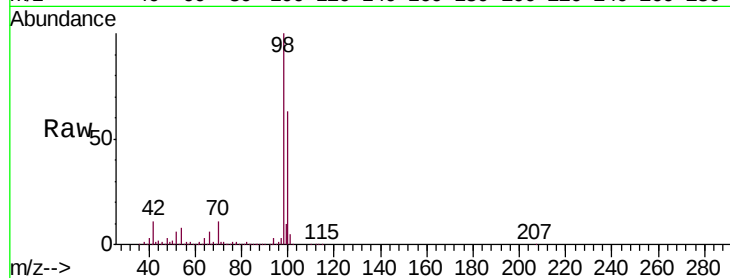
TP-11-D

Tot Ion: 98 Resp: 1378101

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

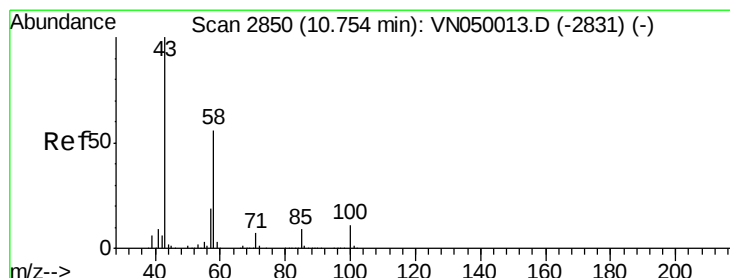
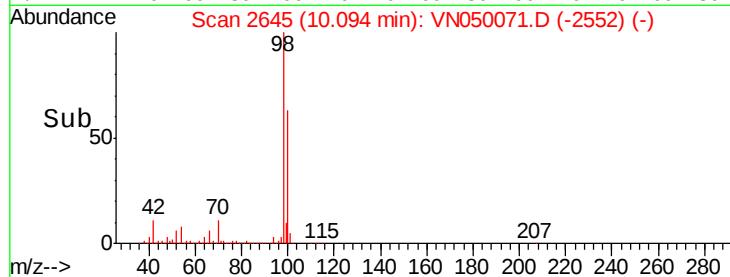
600000

400000

200000

0

Time-->



#59

2-Hexanone

Concen: 5.95 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN050071.D

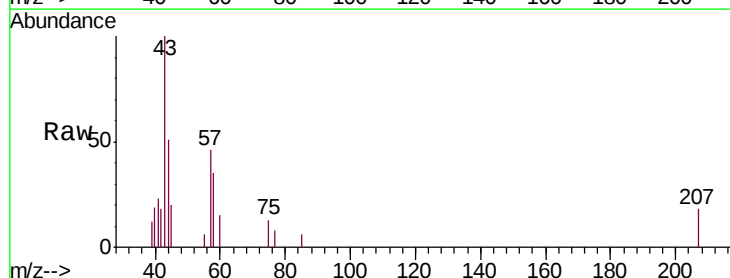
Acq: 26 Jul 2018 3:12

Tgt Ion: 43 Resp: 4665

Ion Ratio Lower Upper

43 100

58 38.1 27.6 82.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.76

3000

2500

2000

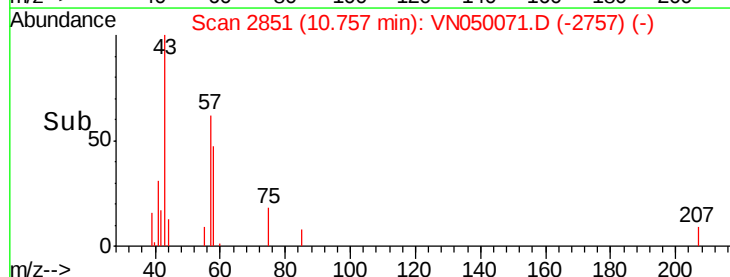
1500

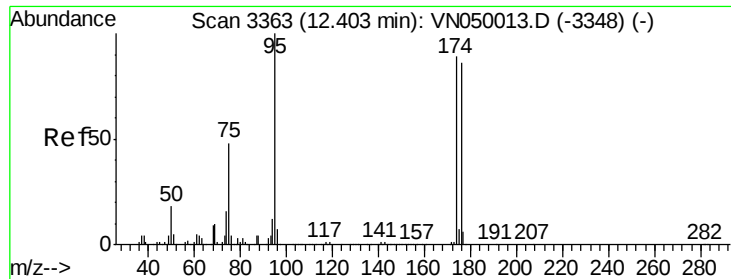
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 38.88 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

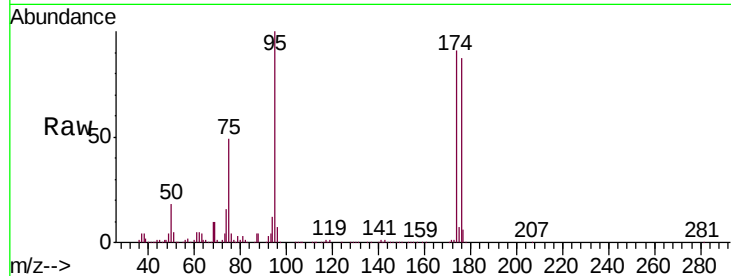
Tot Ion: 95 Resp: 397358

Ion Ratio Lower Upper

95 100

174 92.0 0.0 178.2

176 87.7 0.0 173.4

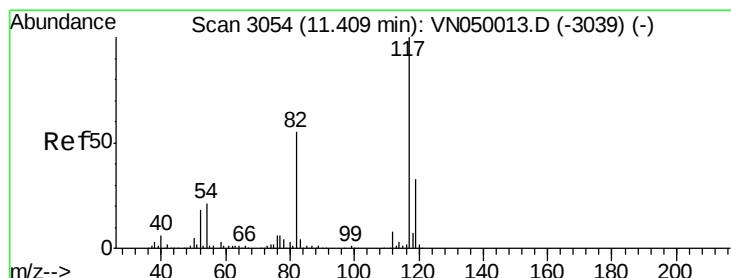
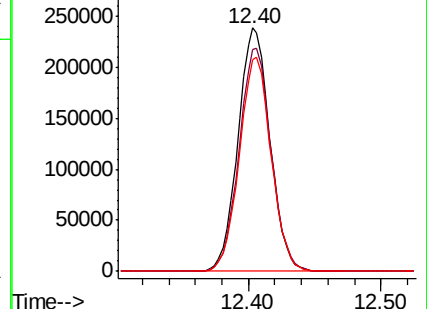
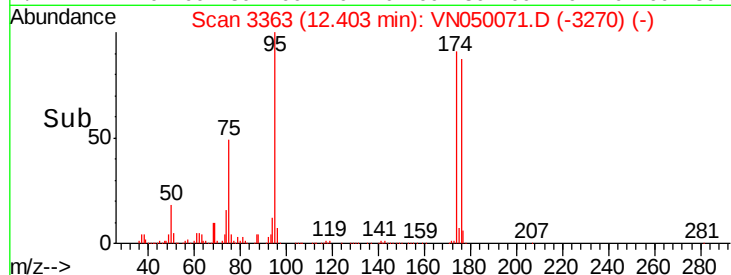


Abundance Ion 94.90 (94.60 to 95.60): VN050013.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050013.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050013.D (-3348) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

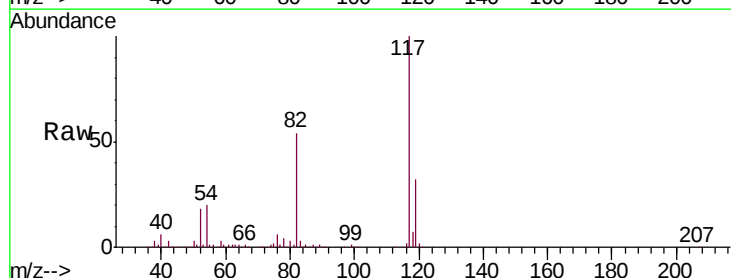
Tgt Ion: 117 Resp: 856574

Ion Ratio Lower Upper

117 100

82 53.8 43.7 65.5

119 32.3 26.1 39.1

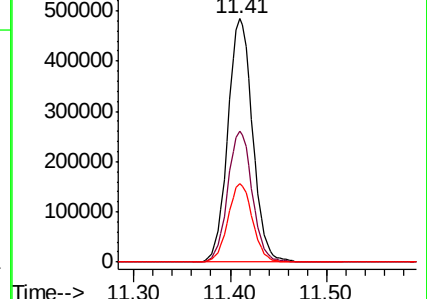
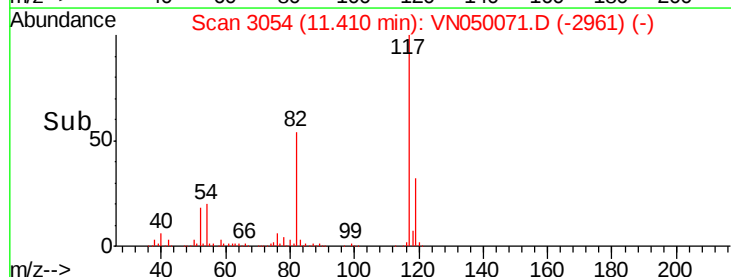


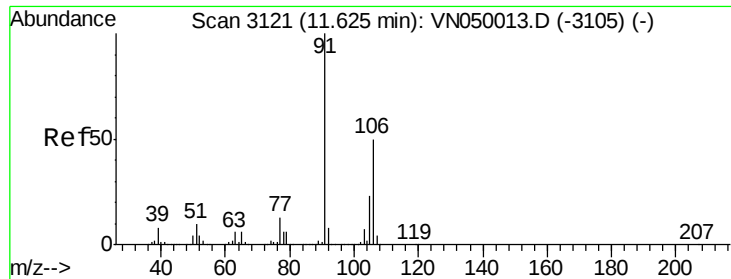
Abundance Ion 116.90 (116.60 to 117.60): VN050013.D (-3039) (-)

Ion 82.00 (81.70 to 82.70): VN050013.D (-3039) (-)

Ion 118.90 (118.60 to 119.60): VN050013.D (-3039) (-)

Time-->

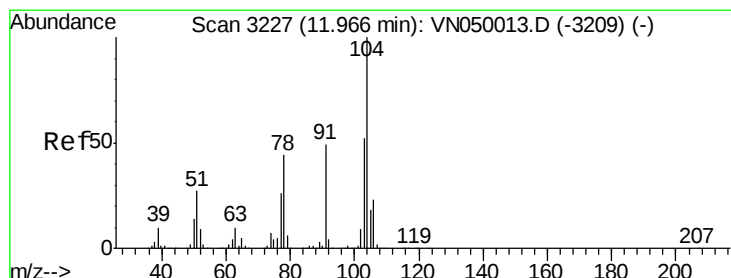
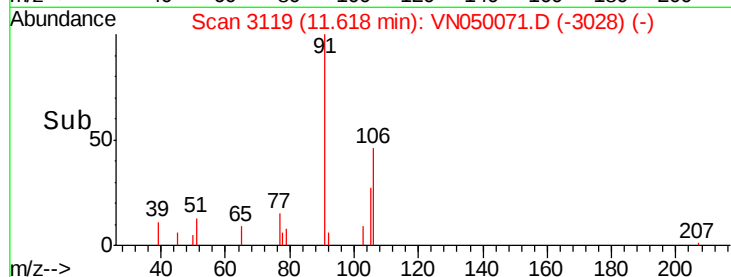
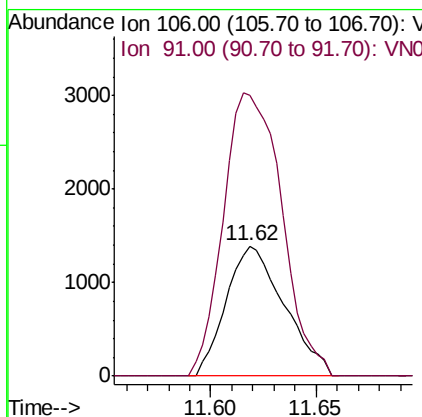
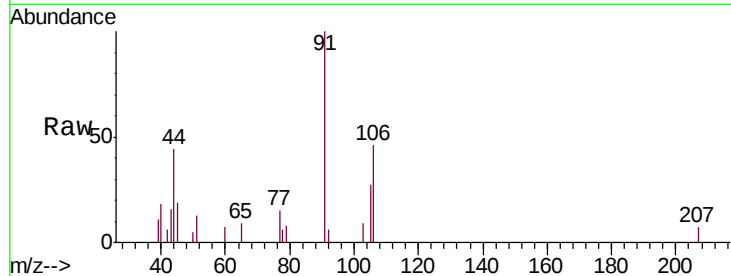




#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

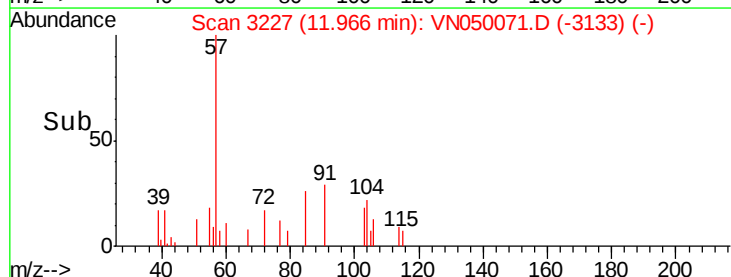
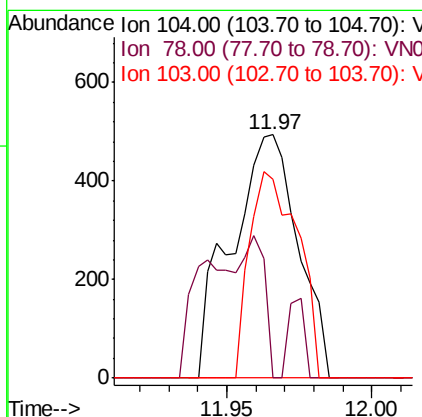
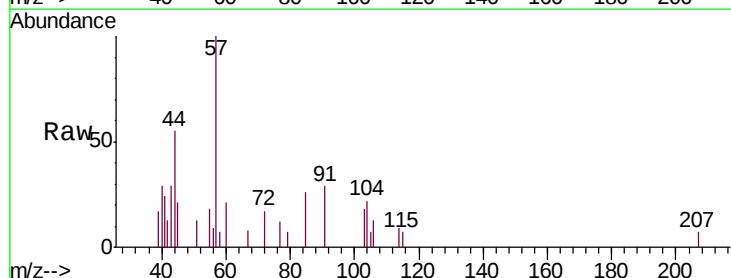
Instrument :
MSVOA_N
ClientSampled :
TP-11-D

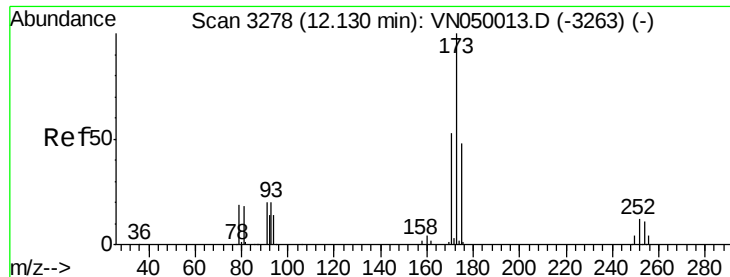
Tot Ion:106 Resp: 2659
Ion Ratio Lower Upper
106 100
91 218.8 162.2 243.2



#70
Styrene
Concen: 0.96 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Tgt Ion:104 Resp: 793
Ion Ratio Lower Upper
104 100
78 18.9 39.3 58.9#
103 61.4 45.0 67.6





#71

Bromoform

Concen: 0.62 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.27 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

TP-11-D

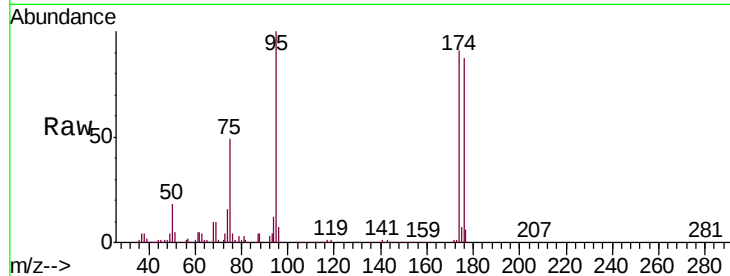
Tot Ion:173 Resp: 3737

Ion Ratio Lower Upper

173 100

175 628.1 24.1 72.2#

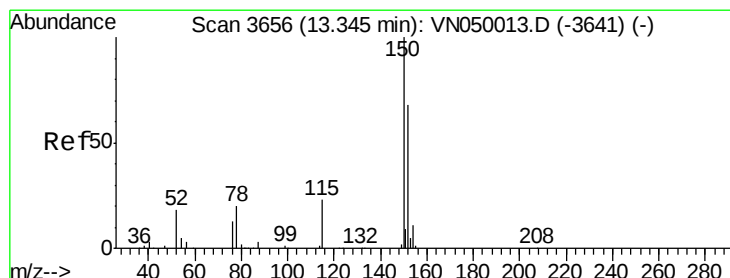
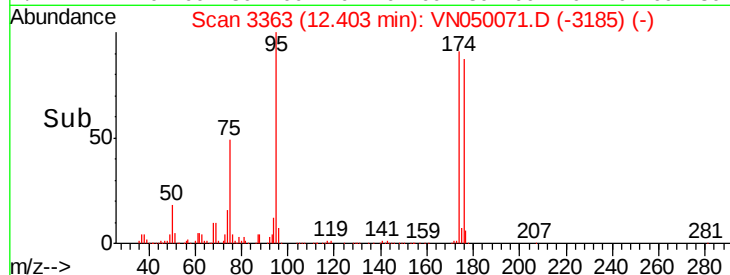
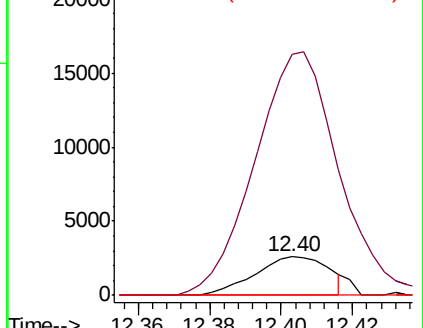
254 0.0 0.2 0.2#



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# 3657

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

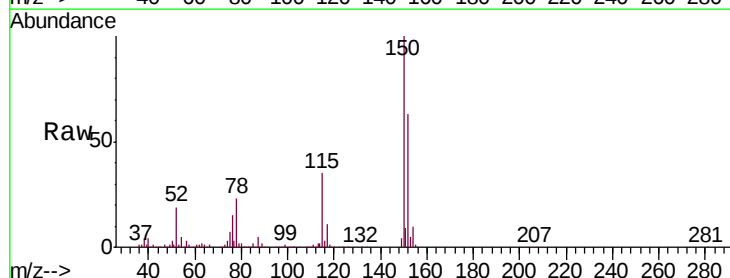
Tgt Ion:152 Resp: 346249

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

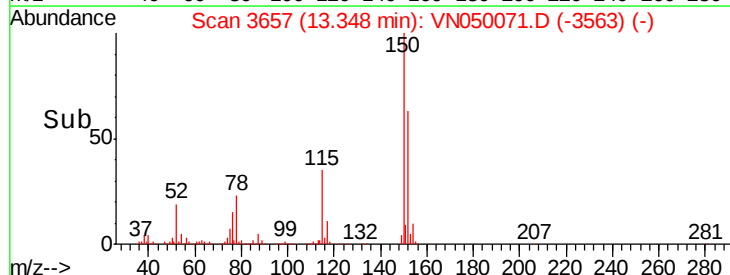
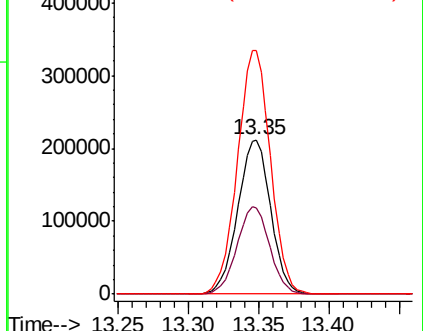
150 158.2 0.0 348.6

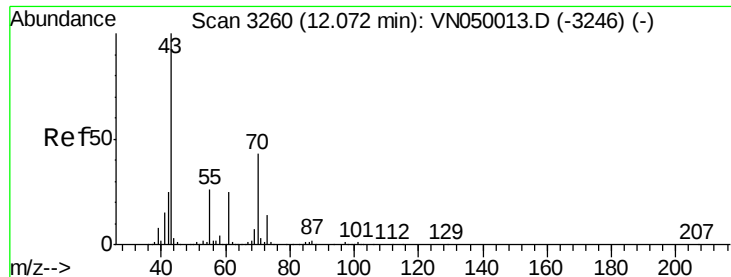


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.34 ug/l

RT: 12.04 min Scan# 3249

Delta R.T. -0.04 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

TP-11-D

Tot Ion: 43 Resp: 2797

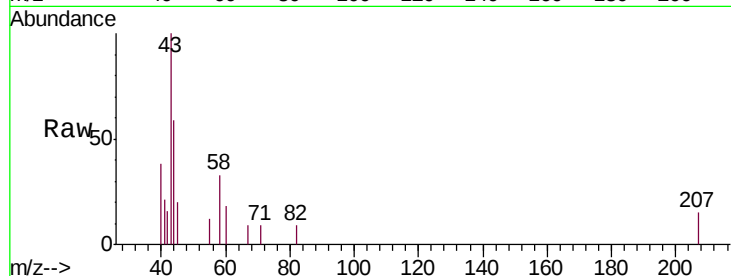
Ion Ratio Lower Upper

43 100

70 0.0 34.4 51.6#

55 5.5 20.8 31.2#

61 0.0 19.7 29.5#

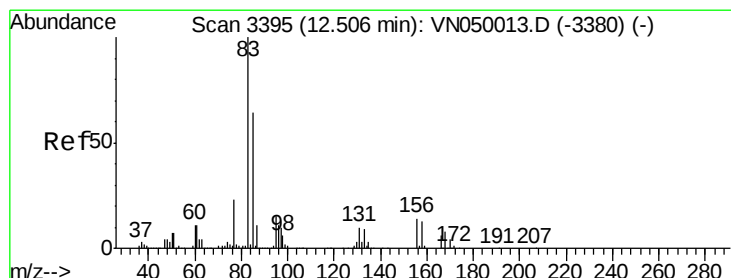
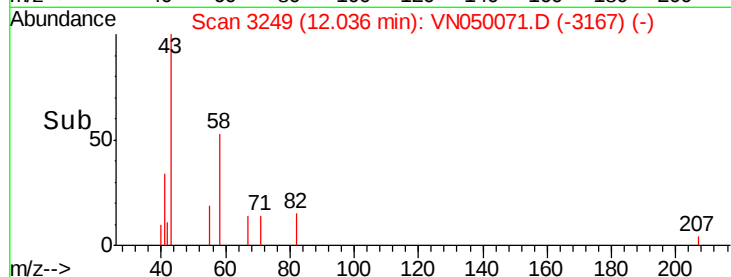
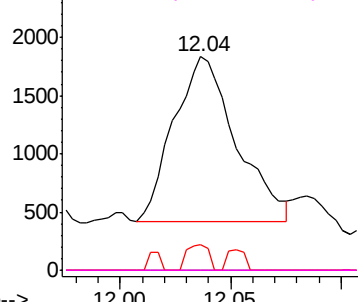


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3364

Delta R.T. -0.10 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

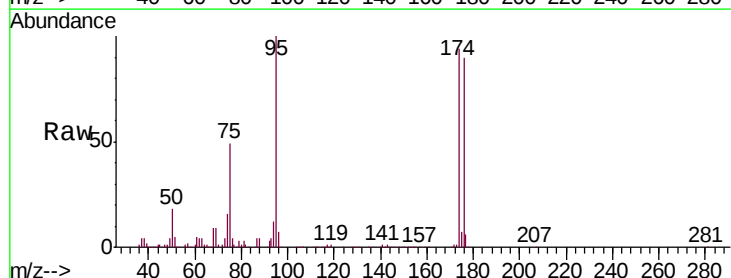
Tgt Ion: 83 Resp: 297

Ion Ratio Lower Upper

83 100

131 195.6 5.1 15.3#

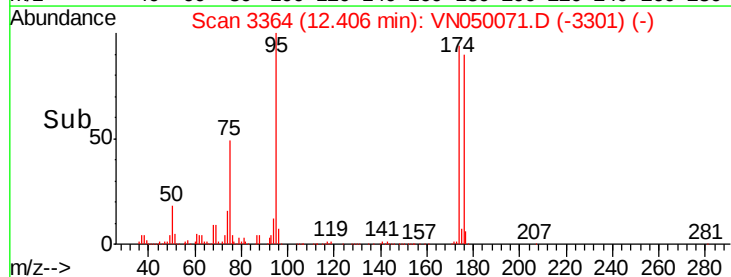
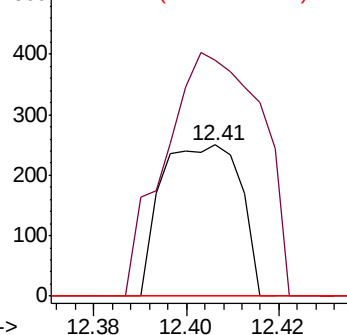
85 0.0 32.3 96.8#

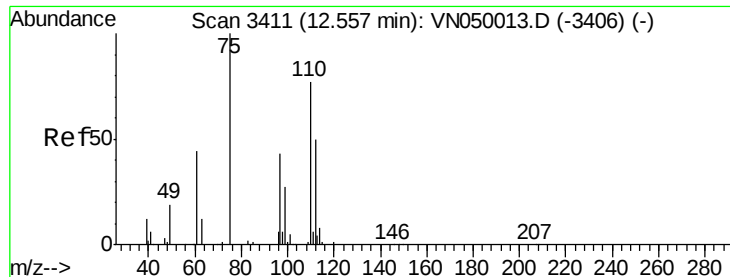


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 30.10 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

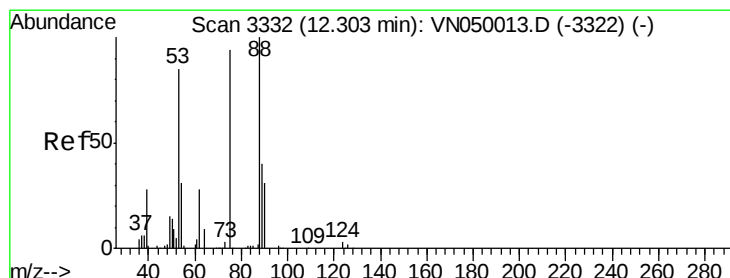
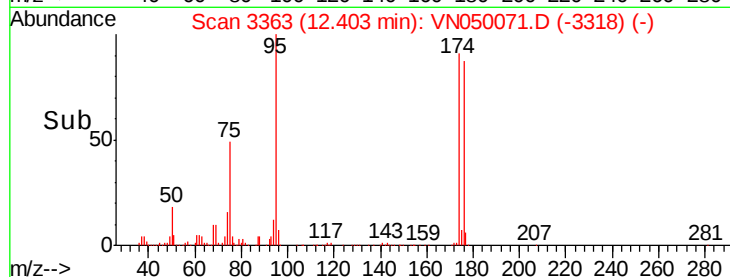
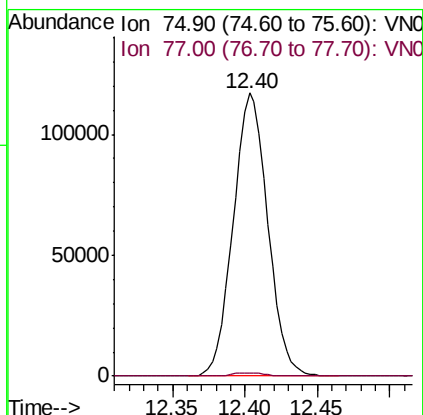
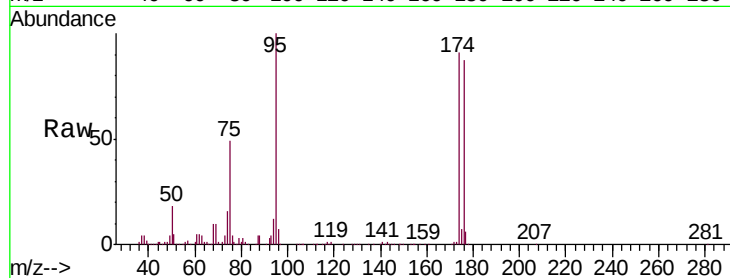
TP-11-D

Tot Ion: 75 Resp: 193707

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.48 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

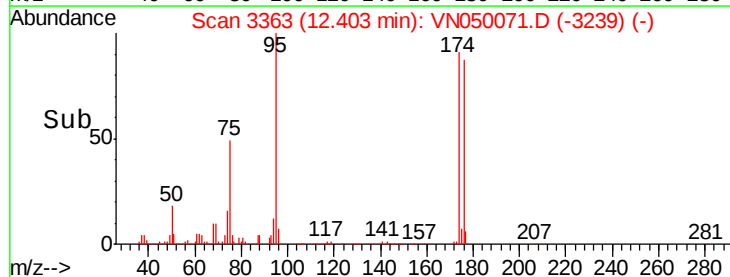
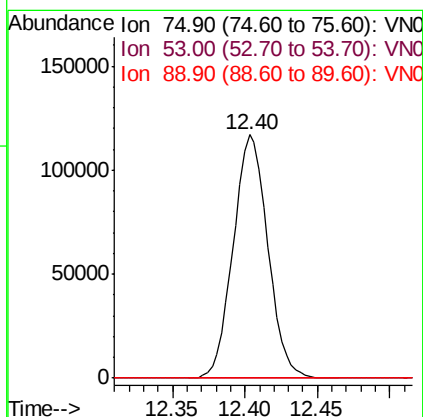
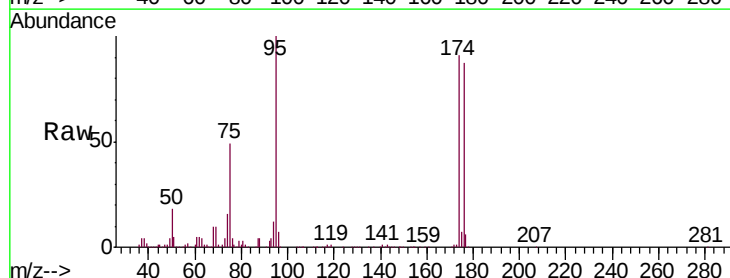
Tgt Ion: 75 Resp: 193707

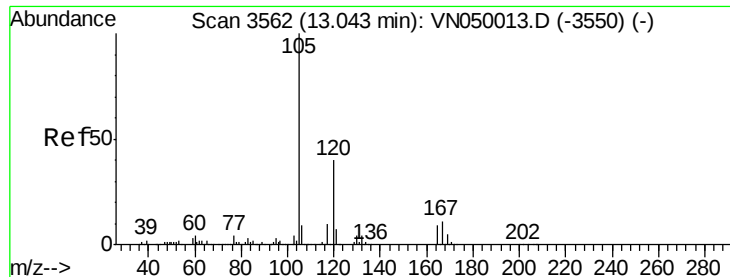
Ion Ratio Lower Upper

75 100

53 0.3 73.5 110.3#

89 0.0 36.0 54.0#

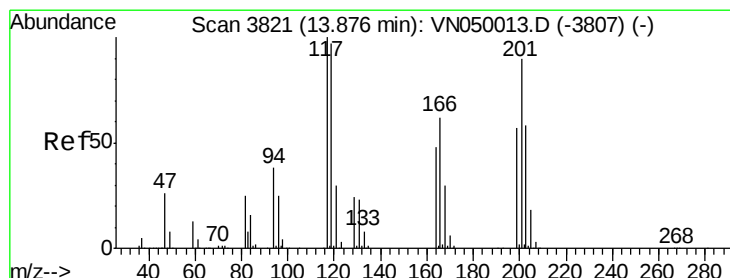
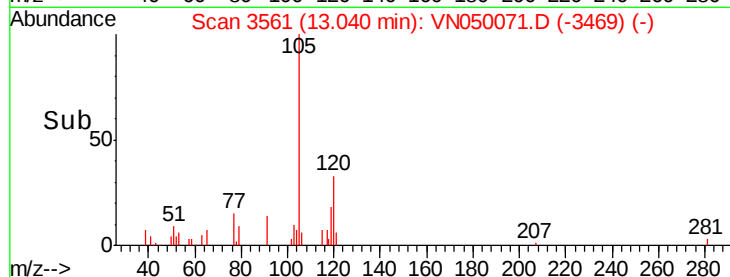
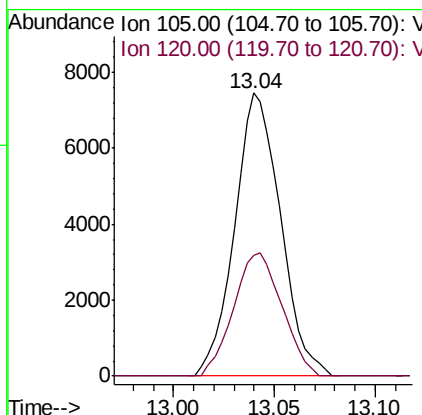
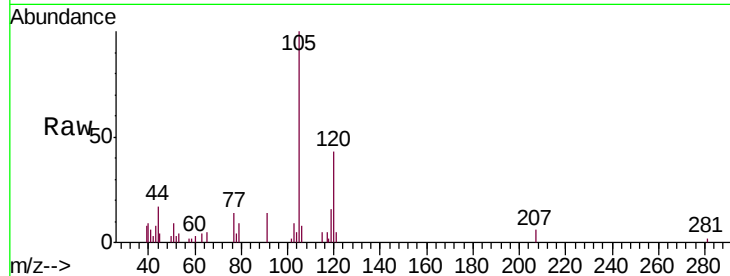




#84
 1,2,4-Trimethylbenzene
 Concen: 0.56 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050071.D
 Acq: 26 Jul 2018 3:12

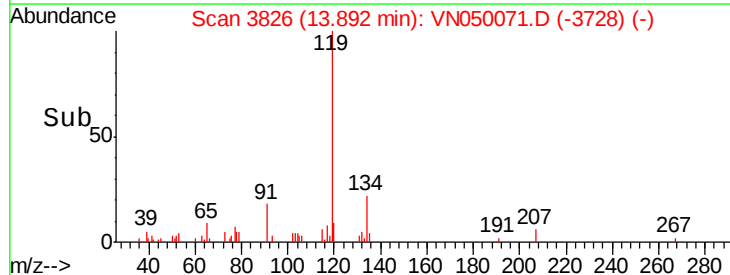
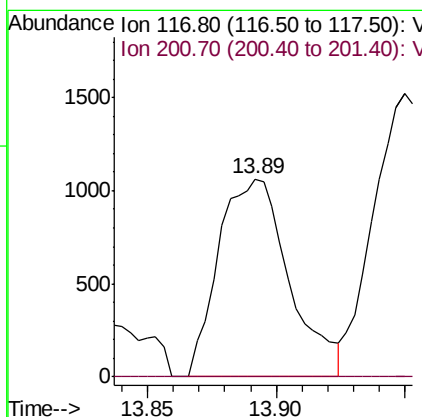
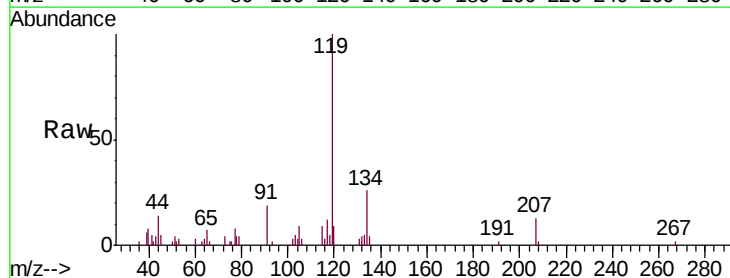
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

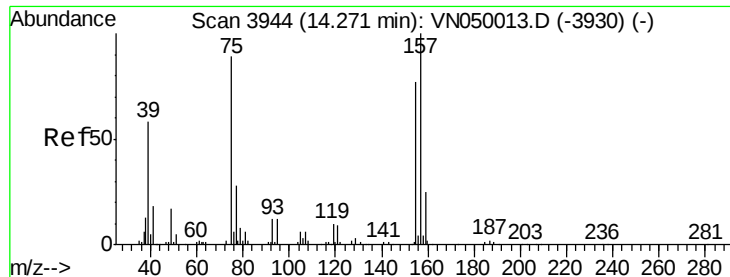
Tot Ion:105 Resp: 11870
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.7



#90
 Hexachloroethane
 Concen: 0.44 ug/l
 RT: 13.89 min Scan# 3826
 Delta R.T. 0.02 min
 Lab File: VN050071.D
 Acq: 26 Jul 2018 3:12

Tgt Ion:117 Resp: 2030
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.6 136.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 13.99 min Scan# 3857

Delta R.T. -0.28 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

TP-11-D

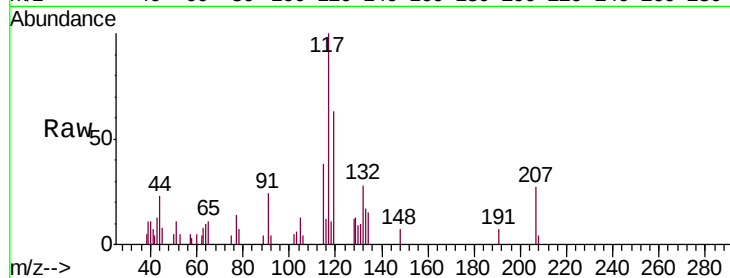
Tot Ion: 75 Resp: 68

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

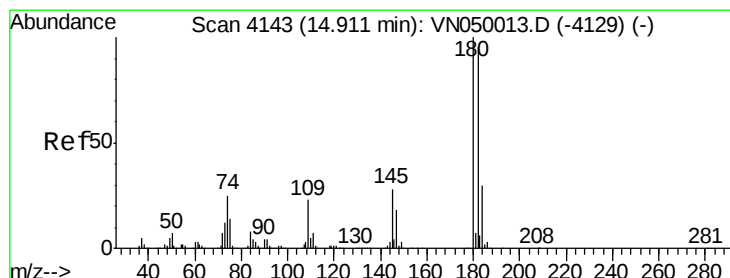
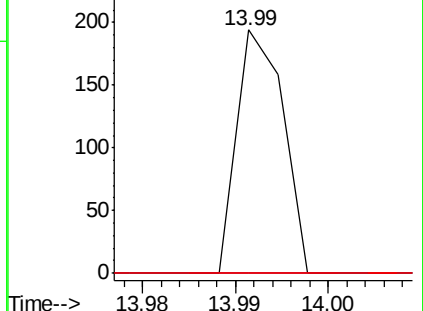
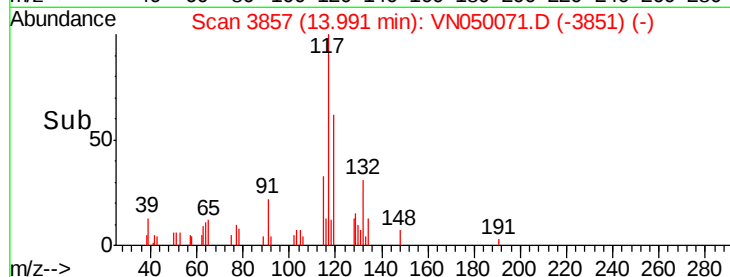
157 0.0 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): VN050071.D (-3851) (-)

Ion 154.80 (154.50 to 155.50): VN050071.D (-3851) (-)

Ion 156.80 (156.50 to 157.50): VN050071.D (-3851) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.23 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050071.D

Acq: 26 Jul 2018 3:12

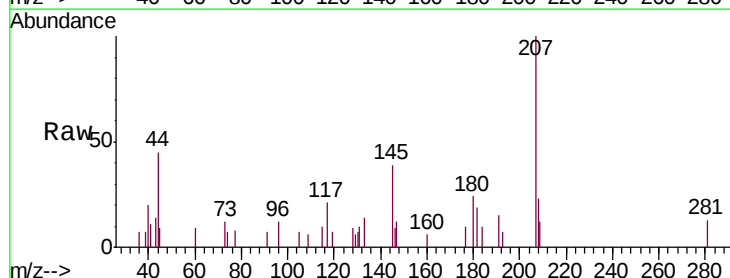
Tgt Ion: 180 Resp: 1051

Ion Ratio Lower Upper

180 100

182 98.5 46.7 140.1

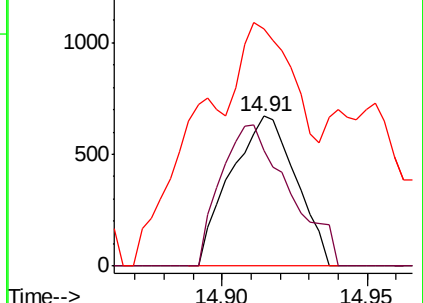
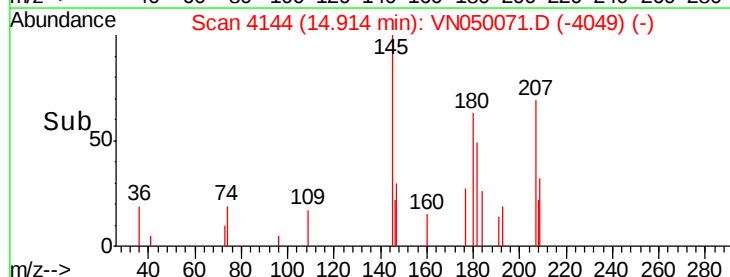
145 72.8 13.8 41.4#

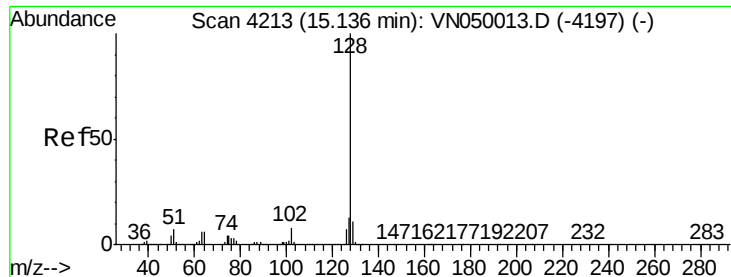


Abundance Ion 179.80 (179.50 to 180.50): VN050071.D (-4049) (-)

Ion 181.80 (181.50 to 182.50): VN050071.D (-4049) (-)

Ion 144.80 (144.50 to 145.50): VN050071.D (-4049) (-)

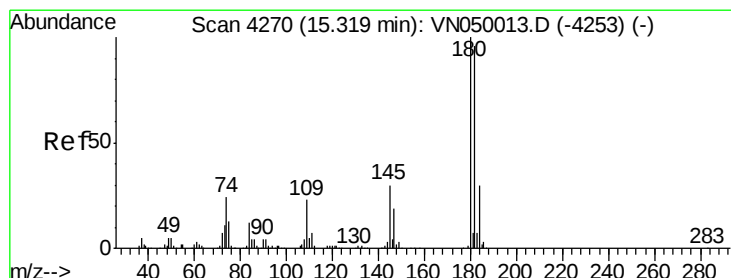
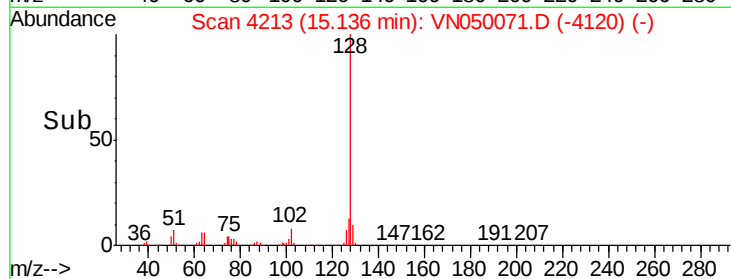
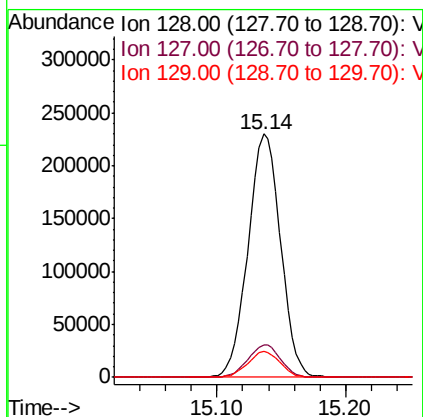
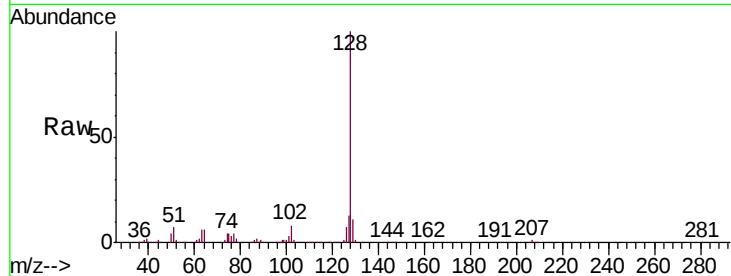




#95
Naphthalene
Concen: 27.78 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Instrument :
MSVOA_N
ClientSampleId :
TP-11-D

Tot Ion:128 Resp: 405311
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.22 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. -0.01 min
Lab File: VN050071.D
Acq: 26 Jul 2018 3:12

Tgt Ion:180 Resp: 97
Ion Ratio Lower Upper
180 100
182 0.0 48.1 144.4#
145 2073.2 15.3 45.9#

