

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050155.D
 Acq On : 28 Jul 2018 1:46
 Operator : MD\SY
 Sample : J4189-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-S

Quant Time: Jul 28 03:51:46 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	645780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1084640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	927382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374713	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	460156	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	408975	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	
50) Toluene-d8	10.09	98	1468648	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	
62) 4-Bromofluorobenzene	12.40	95	429321	40.05	ug/l	0.00
Spiked Amount			Recovery	=	80.10%	

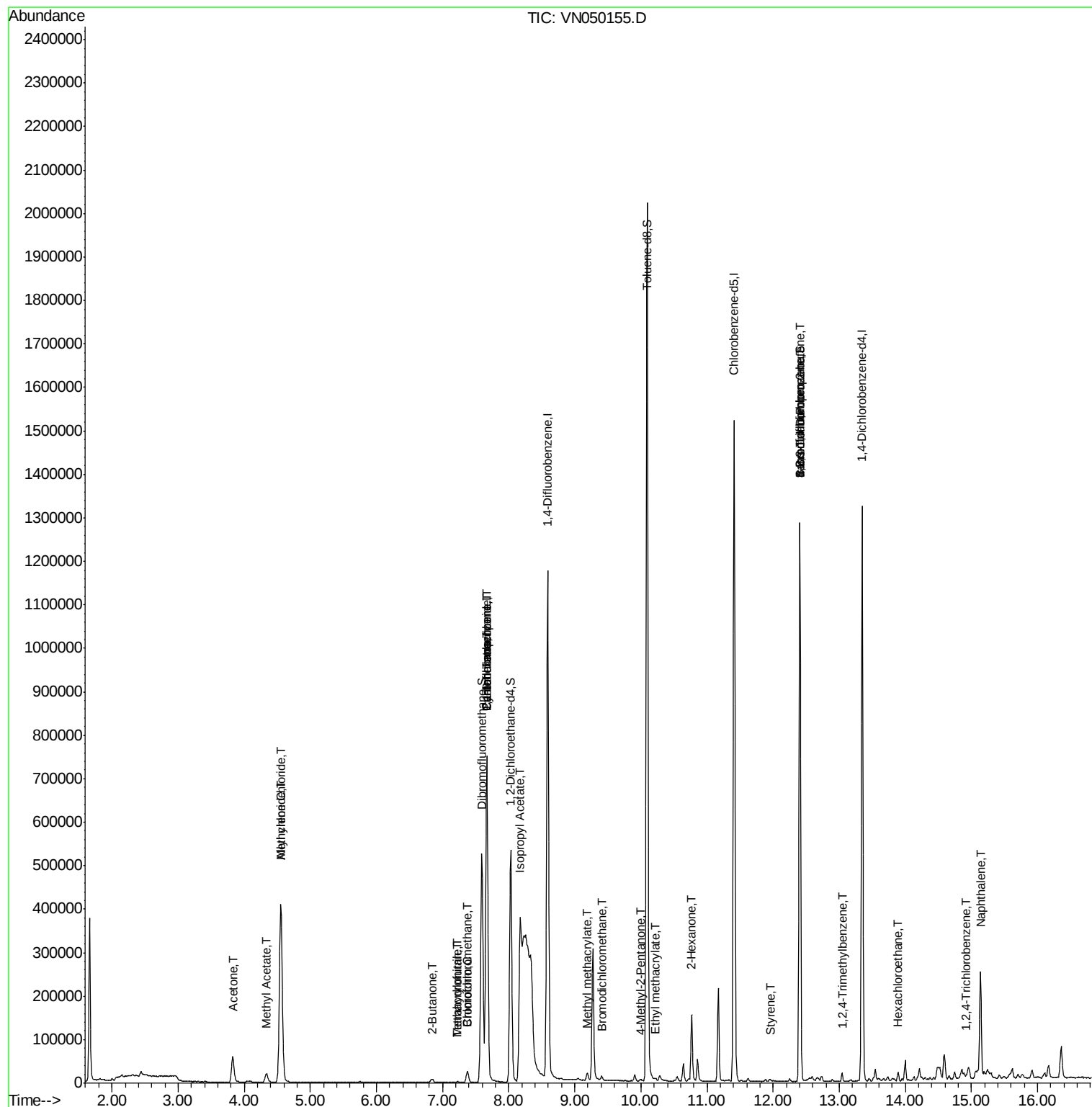
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.55	94	109	Below Cal	#	23
14) Allyl chloride	4.55	41	11600	1.01	ug/l #	24
16) Acetone	3.83	43	101753	44.37	ug/l	99
18) Methyl Acetate	4.34	43	38308	3.11	ug/l	99
20) Methylene Chloride	4.55	84	319889	39.79	ug/l	98
25) 2-Butanone	6.85	43	2921	0.85	ug/l	97
28) Bromochloromethane	7.37	49	2129	0.31	ug/l #	10
29) Tetrahydrofuran	7.23	42	1130	0.51	ug/l #	41
30) Chloroform	7.37	83	27100	1.77	ug/l	98
31) Cyclohexane	7.67	56	12122	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45725	3.74	ug/l #	49
38) Carbon Tetrachloride	7.67	117	58249	4.49	ug/l #	16
41) Methacrylonitrile	7.21	41	206	2.79	ug/l #	10
43) Isopropyl Acetate	8.17	43	476244	29.19	ug/l #	85
47) Bromodichloromethane	9.40	83	4982	0.39	ug/l #	98
48) Methyl methacrylate	9.18	41	10091	1.38	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	2562	0.31	ug/l	97
56) Ethyl methacrylate	10.23	69	3082	2.28	ug/l #	66
59) 2-Hexanone	10.77	43	22116	8.69	ug/l #	57
70) Styrene	11.97	104	404	0.94	ug/l #	72
71) Bromoform	12.40	173	3610	0.55	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	142	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	210047	30.16	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	210047	95.67	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	10839	0.47	ug/l	99
90) Hexachloroethane	13.89	117	1612	0.32	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	96	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	30	3.09	ug/l #	1
95) Naphthalene	15.14	128	220144	16.14	ug/l	99

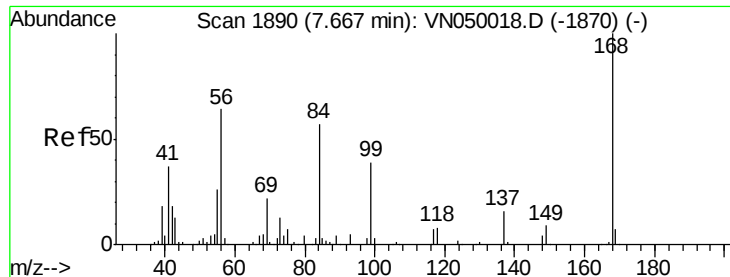
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

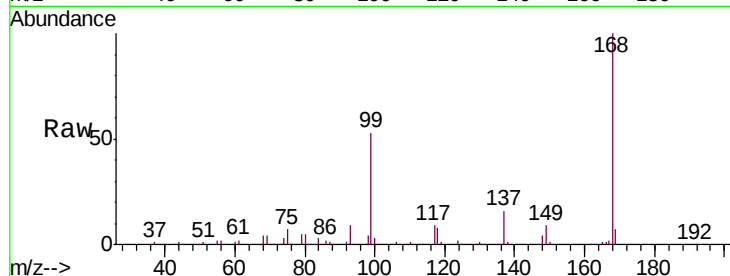
TP-12-S

Tot Ion:168 Resp: 645780

Ion Ratio Lower Upper

168 100

99 52.6 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

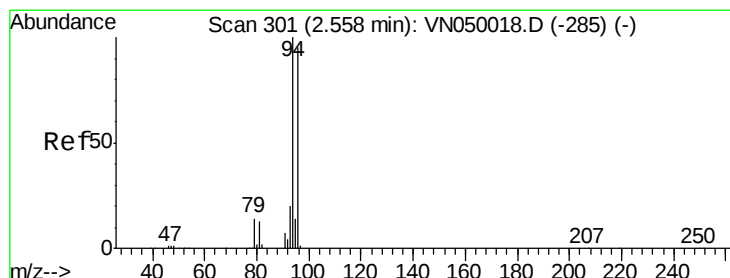
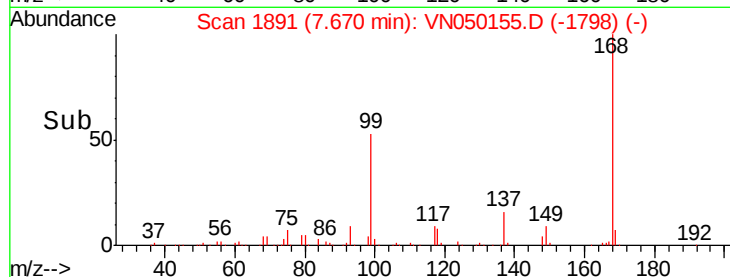
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 300

Delta R.T. 0.00 min

Lab File: VN050155.D

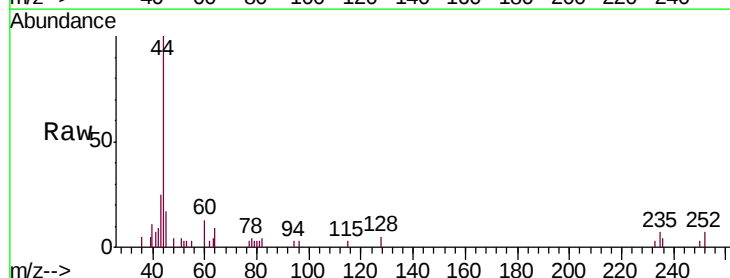
Acq: 28 Jul 2018 1:46

Tgt Ion: 94 Resp: 109

Ion Ratio Lower Upper

94 100

96 19.4 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.55

250

200

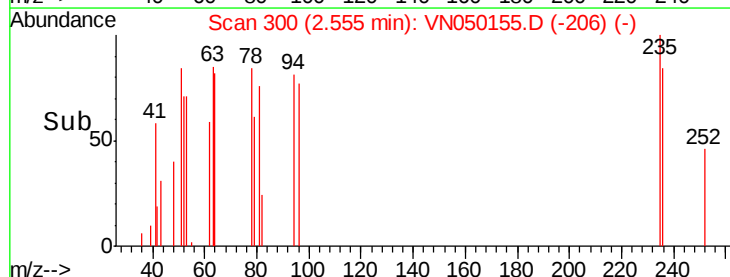
150

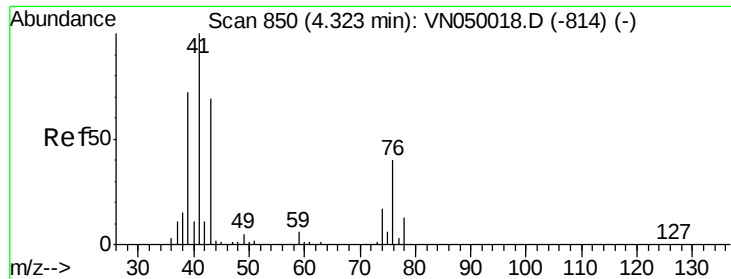
100

50

0

Time-->

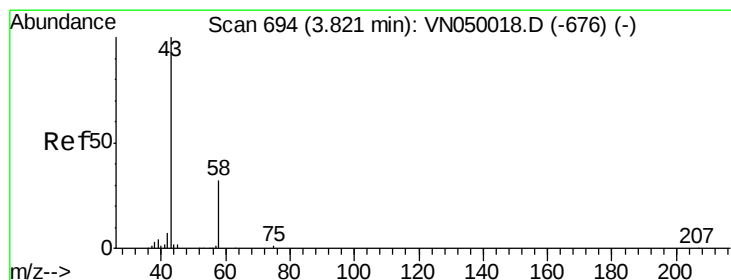
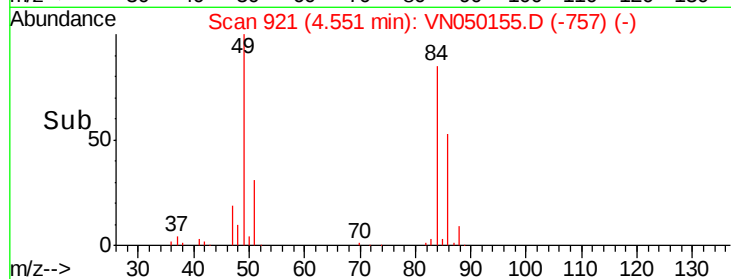
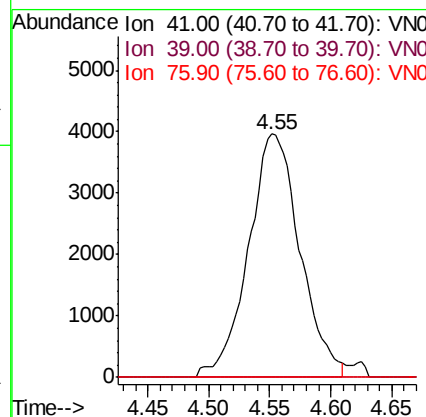
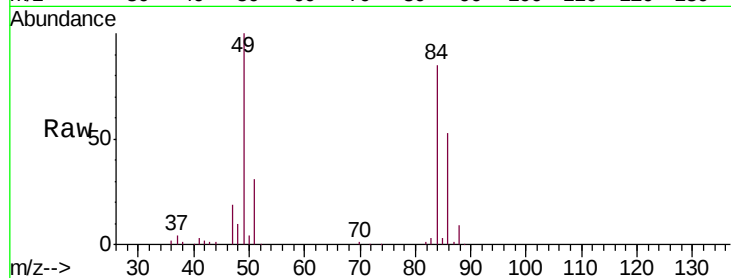




#14
Allvl chloride
Concen: 1.01 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.23 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

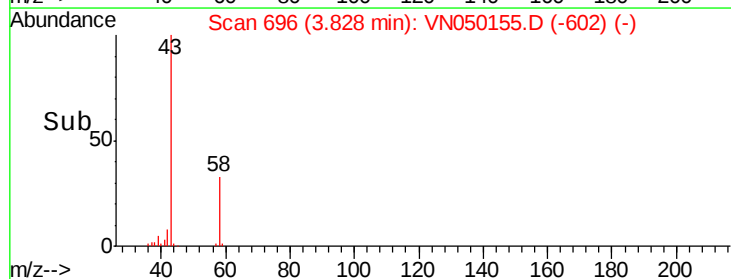
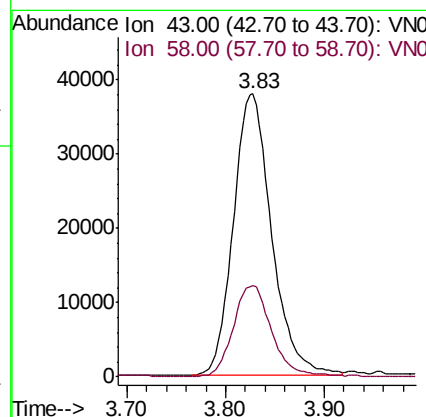
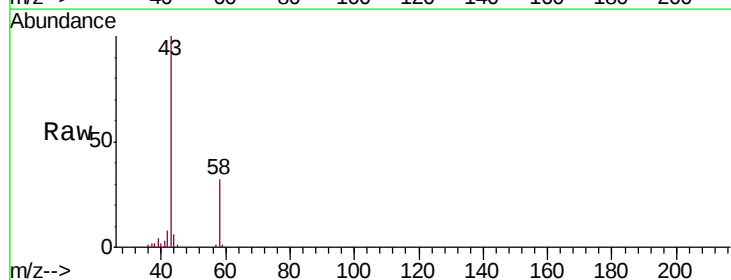
Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

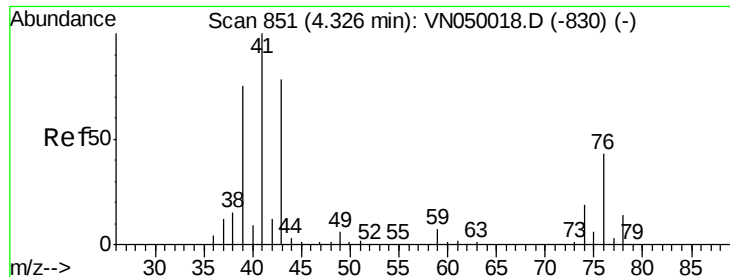
Tot Ion: 41 Resp: 11600
Ion Ratio Lower Upper
41 100
39 0.0 54.2 81.4#
76 0.0 29.0 43.6#



#16
Acetone
Concen: 44.37 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 43 Resp: 101753
Ion Ratio Lower Upper
43 100
58 32.7 25.8 38.8

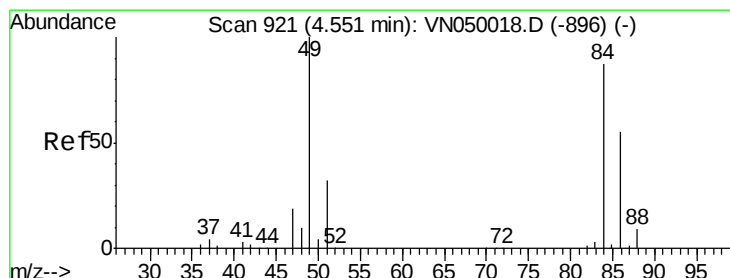
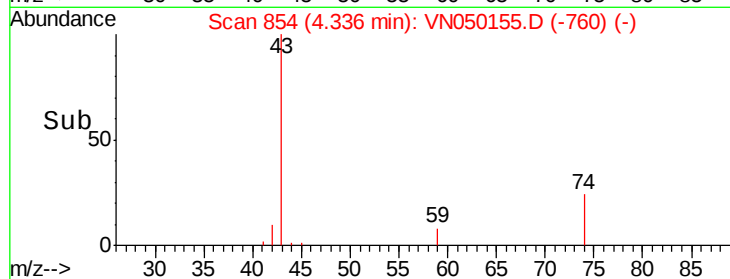
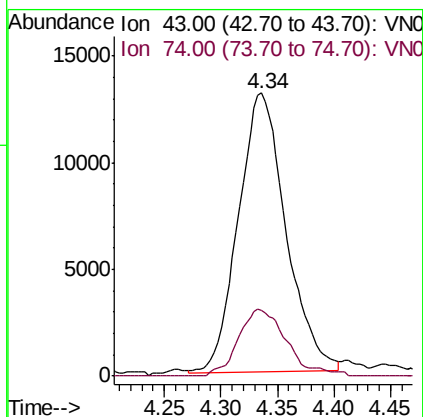
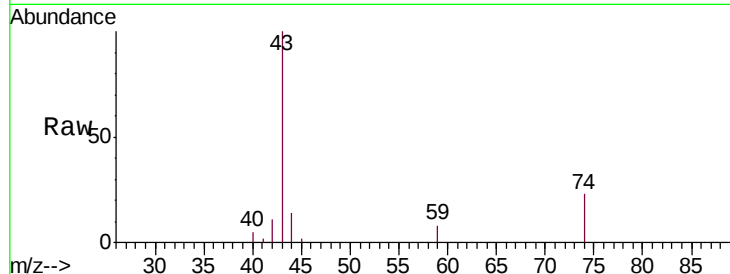




#18
Methvl Acetate
Concen: 3.11 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

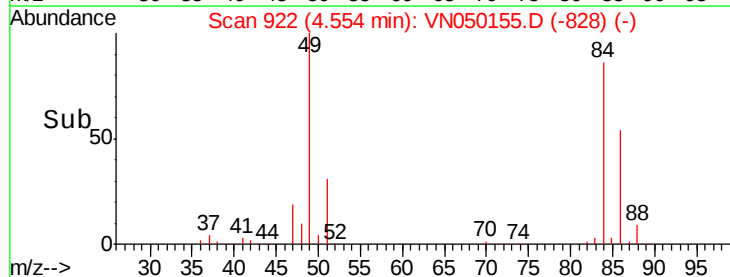
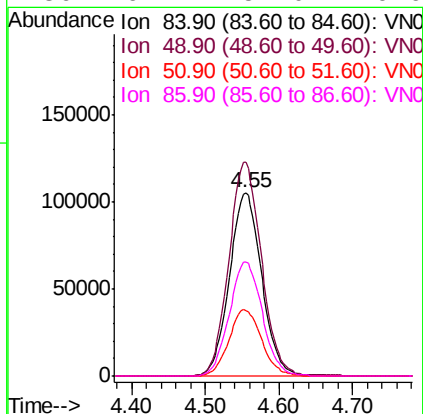
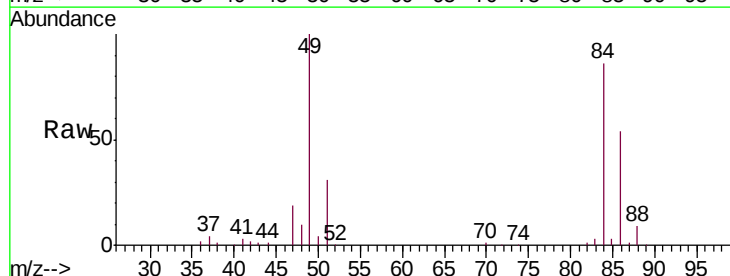
Instrument :
MSVOA_N
ClientSampled :
TP-12-S

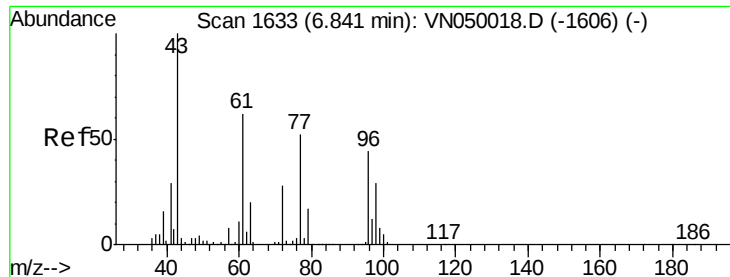
Tot Ion: 43 Resp: 38308
Ion Ratio Lower Upper
43 100
74 24.3 19.2 28.8



#20
Methylene Chloride
Concen: 39.79 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 84 Resp: 319889
Ion Ratio Lower Upper
84 100
49 116.5 94.8 142.2
51 35.7 28.3 42.5
86 62.4 51.0 76.6





#25

2-Butanone

Concen: 0.85 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

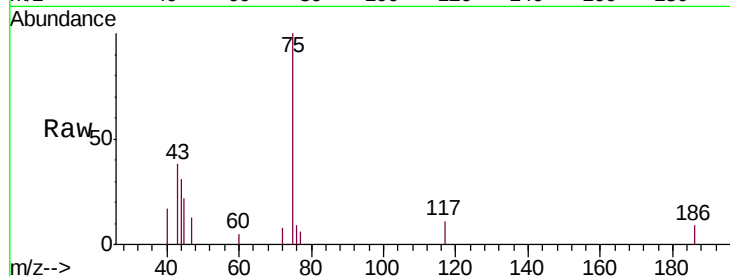
TP-12-S

Tot Ion: 43 Resp: 2921

Ion Ratio Lower Upper

43 100

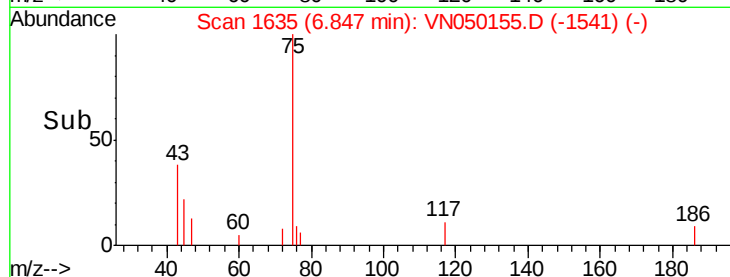
72 25.5 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-1606) (-)

Ion 72.00 (71.70 to 72.70): VN050018.D (-1606) (-)

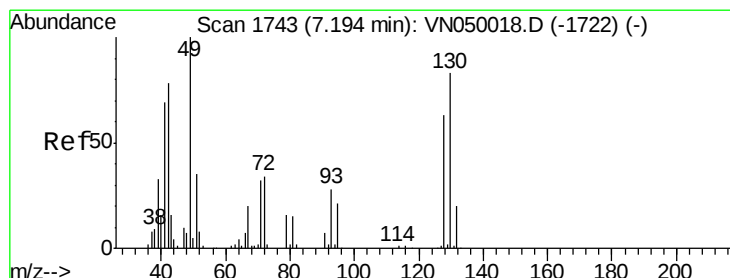
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN050155.D (-1541) (-)

Ion 72.00 (71.70 to 72.70): VN050155.D (-1541) (-)

Time-->



#28

Bromochloromethane

Concen: 0.31 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. 0.17 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

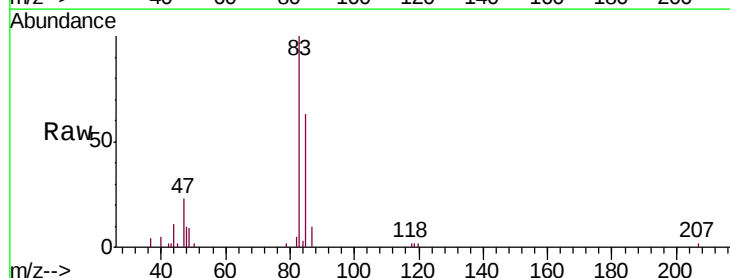
Tgt Ion: 49 Resp: 2129

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 66.3 99.5#

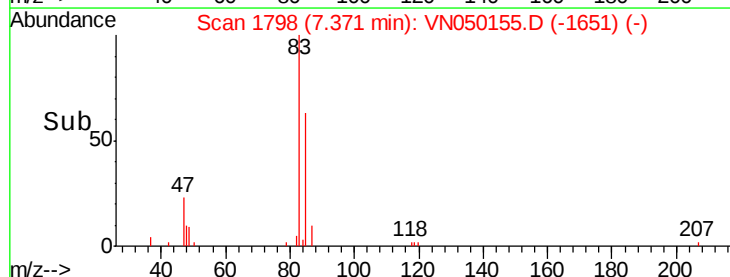


Abundance Ion 48.90 (48.60 to 49.60): VN050018.D (-1722) (-)

Ion 128.80 (128.50 to 129.50): VN050018.D (-1722) (-)

Ion 129.80 (129.50 to 130.50): VN050018.D (-1722) (-)

Time-->

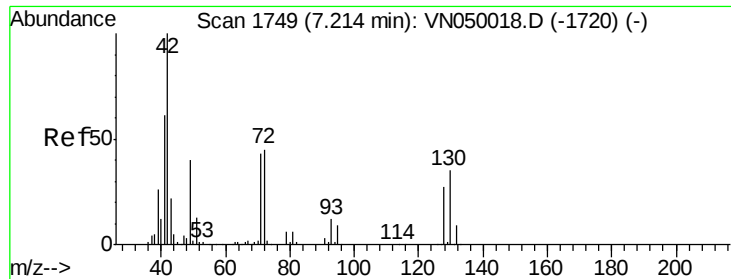


Abundance Ion 48.90 (48.60 to 49.60): VN050155.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN050155.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN050155.D (-1651) (-)

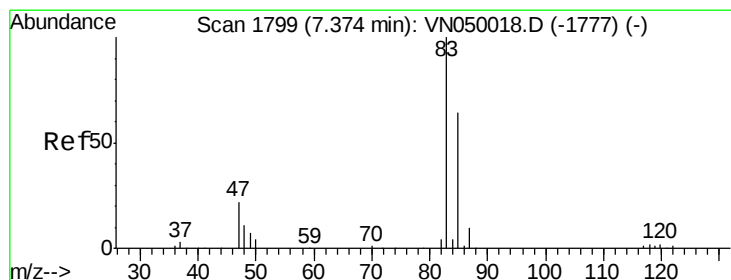
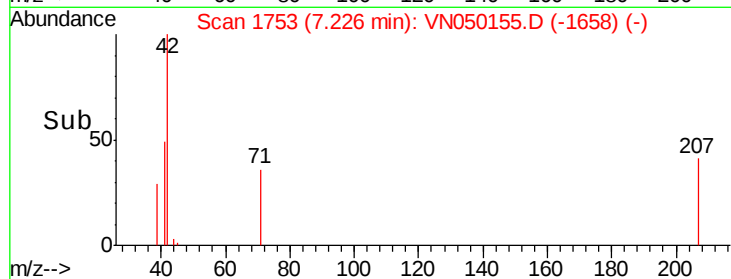
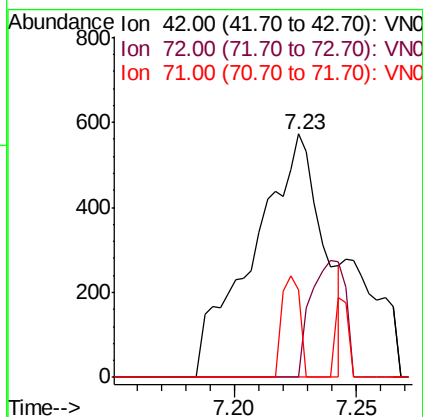
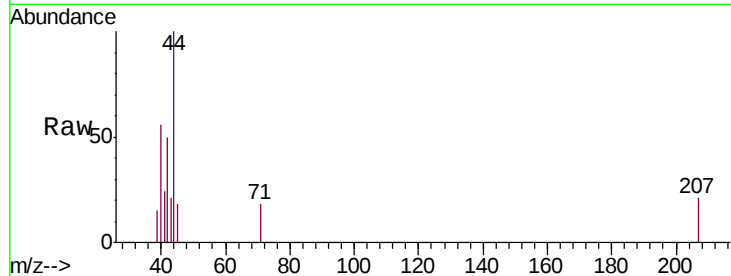
Time-->



#29
Tetrahydrofuran
Concen: 0.51 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

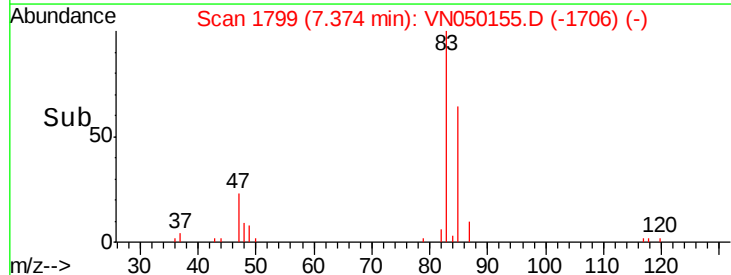
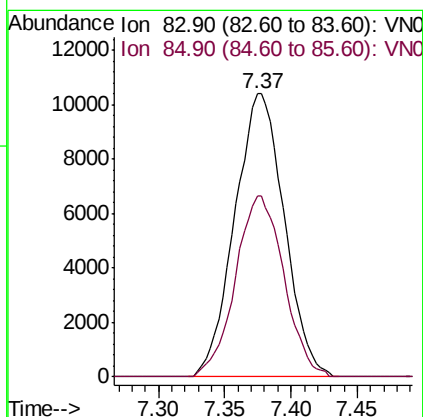
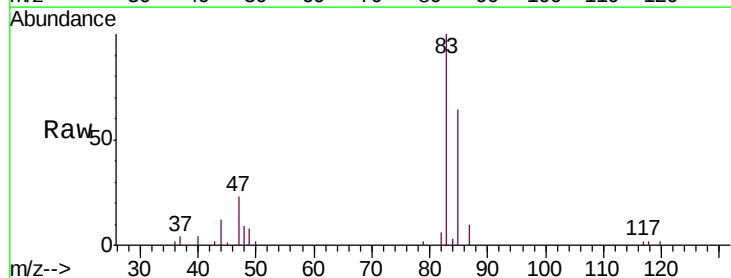
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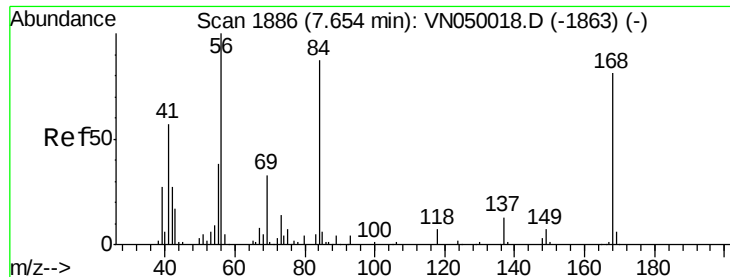
Tot Ion: 42 Resp: 1130
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 11.0 33.7 50.5#



#30
Chloroform
Concen: 1.77 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 83 Resp: 27100
Ion Ratio Lower Upper
83 100
85 63.9 52.5 78.7

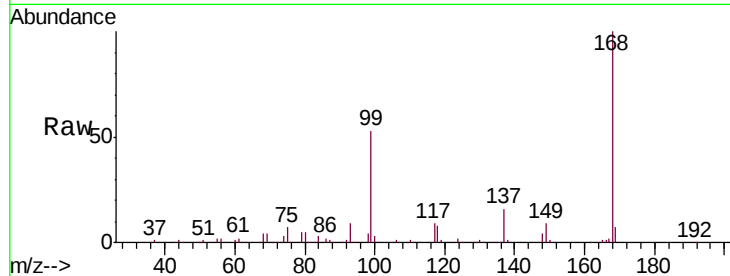




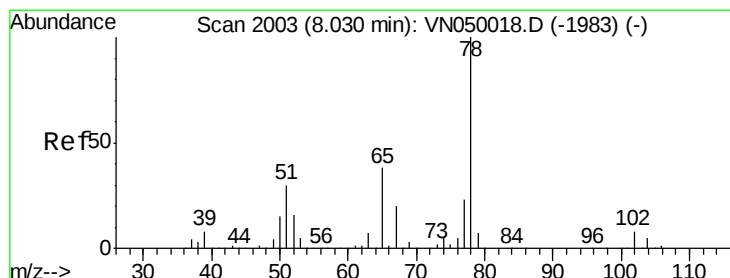
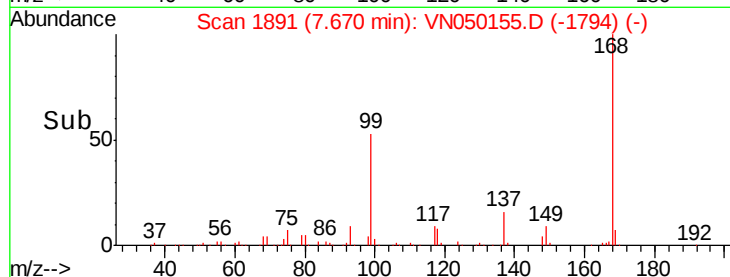
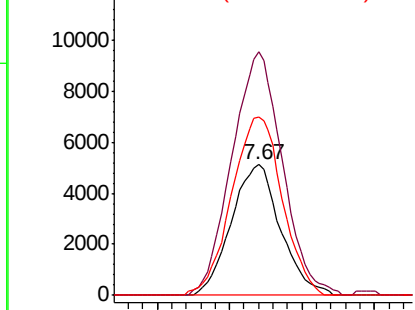
#31
Cyclohexane
Concen: 0.91 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampled :
TP-12-S

Tot Ion: 56 Resp: 12122
Ion Ratio Lower Upper
56 100
69 186.4 26.2 39.4#
84 136.8 67.4 101.0#

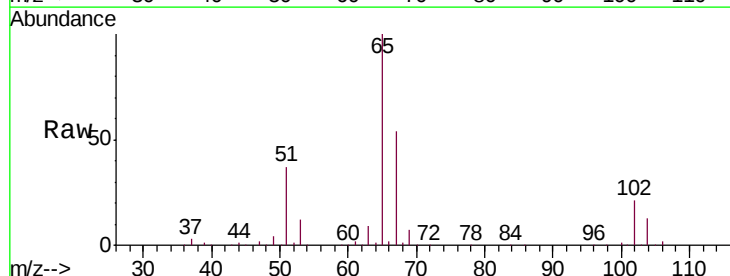


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

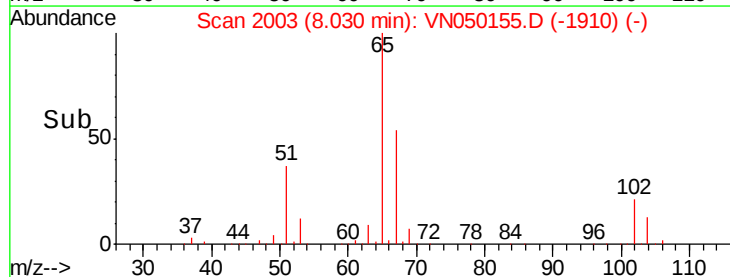
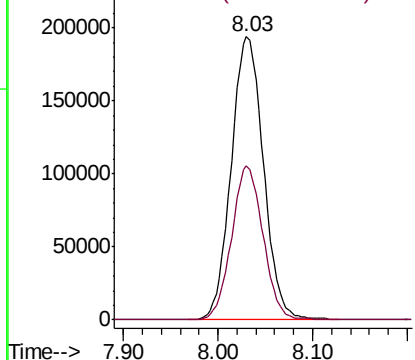


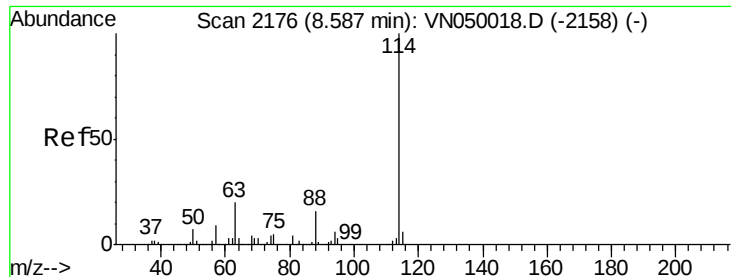
#33
1,2-Dichloroethane-d4
Concen: 51.07 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 65 Resp: 460156
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

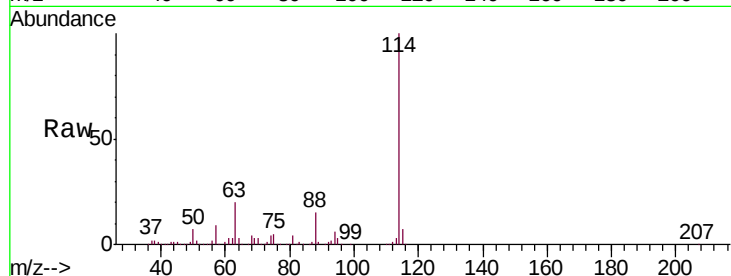




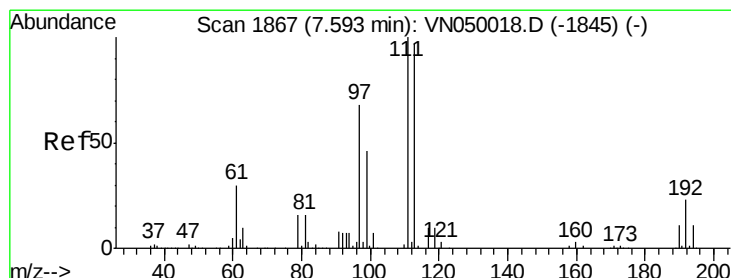
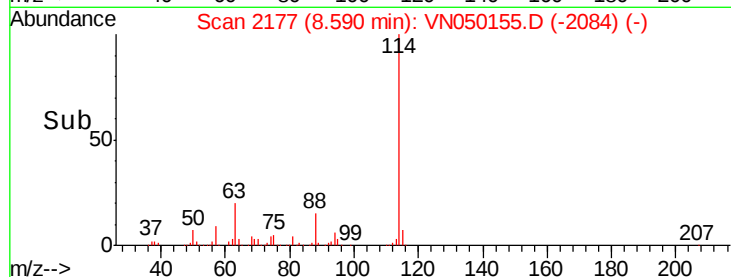
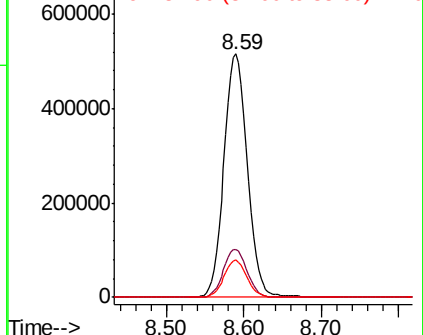
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050155.D
 Acq: 28 Jul 2018 1:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-S

Tot Ion:114 Resp: 1084640
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.2 0.0 31.2

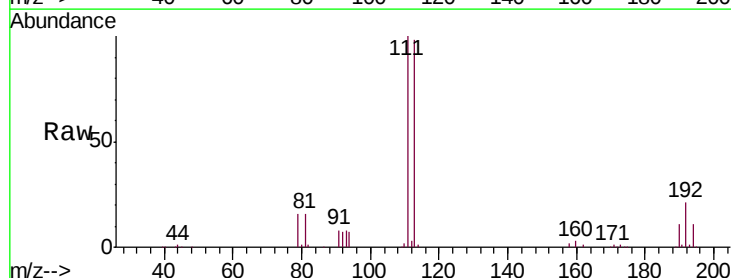


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

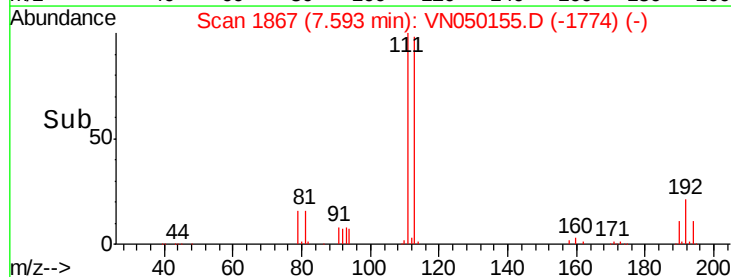
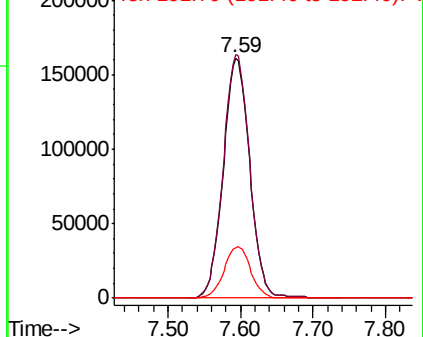


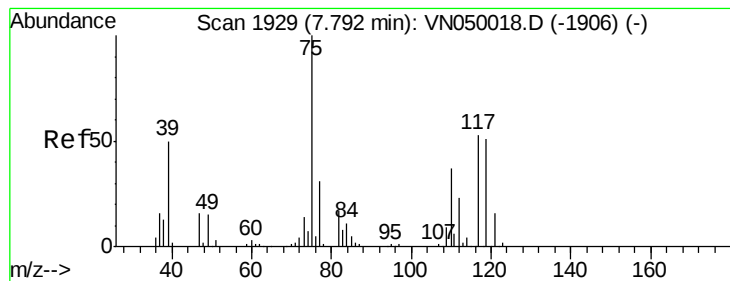
#35
 Dibromofluoromethane
 Concen: 46.18 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050155.D
 Acq: 28 Jul 2018 1:46

Tgt Ion:113 Resp: 408975
 Ion Ratio Lower Upper
 113 100
 111 101.3 80.7 121.1
 192 21.5 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: 3.74 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

TP-12-S

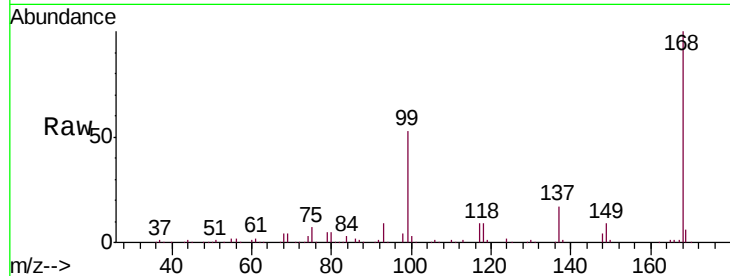
Tot Ion: 75 Resp: 45725

Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.2#

77 0.0 25.3 37.9#

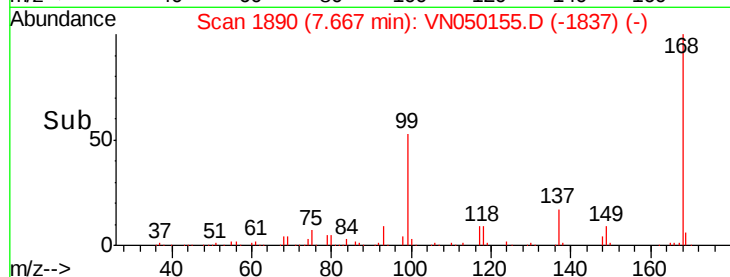


Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-1906) (-)

Ion 109.90 (109.60 to 110.60): VN050018.D (-1906) (-)

Ion 76.90 (76.60 to 77.60): VN050018.D (-1906) (-)

Time-->

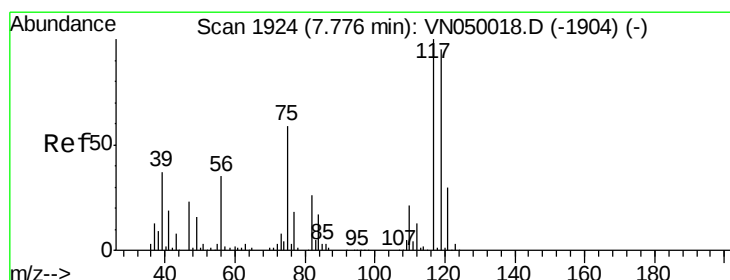


Abundance Ion 74.90 (74.60 to 75.60): VN050155.D (-1837) (-)

Ion 109.90 (109.60 to 110.60): VN050155.D (-1837) (-)

Ion 76.90 (76.60 to 77.60): VN050155.D (-1837) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.49 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. -0.11 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

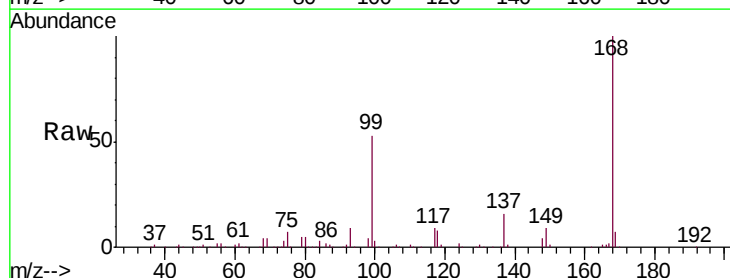
Tgt Ion: 117 Resp: 58249

Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

121 0.0 23.9 35.9#

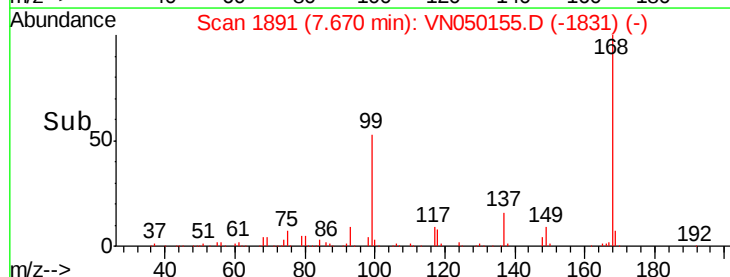


Abundance Ion 116.80 (116.50 to 117.50): VN050018.D (-1904) (-)

Ion 118.80 (118.50 to 119.50): VN050018.D (-1904) (-)

Ion 120.80 (120.50 to 121.50): VN050018.D (-1904) (-)

Time-->

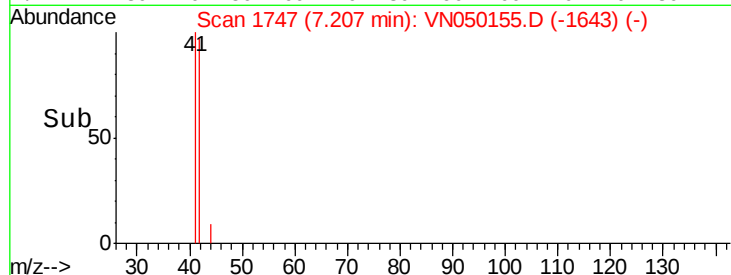
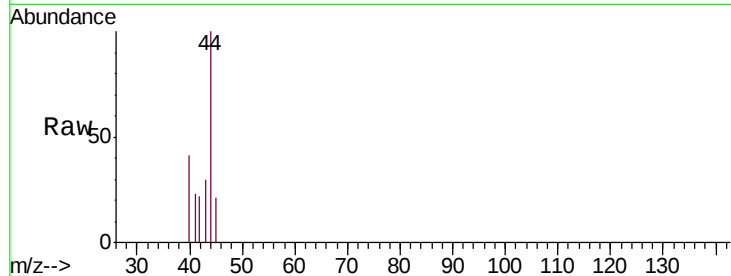
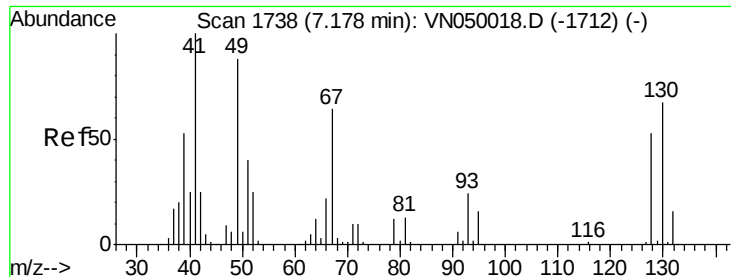


Abundance Ion 116.80 (116.50 to 117.50): VN050155.D (-1831) (-)

Ion 118.80 (118.50 to 119.50): VN050155.D (-1831) (-)

Ion 120.80 (120.50 to 121.50): VN050155.D (-1831) (-)

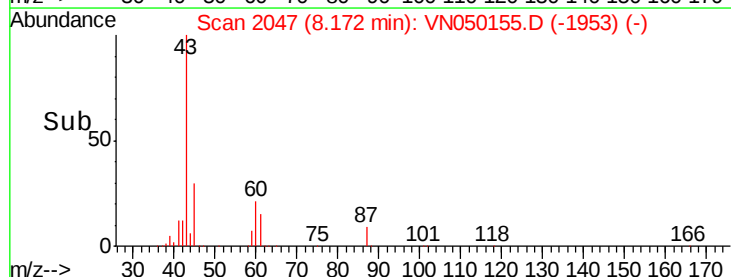
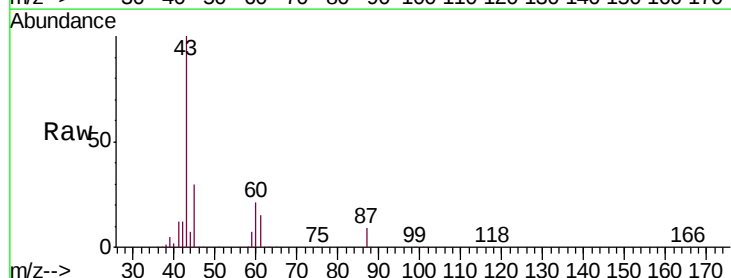
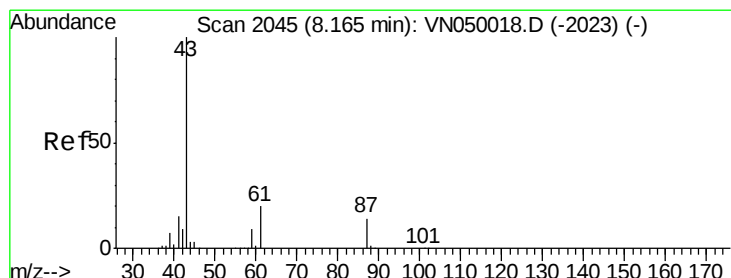
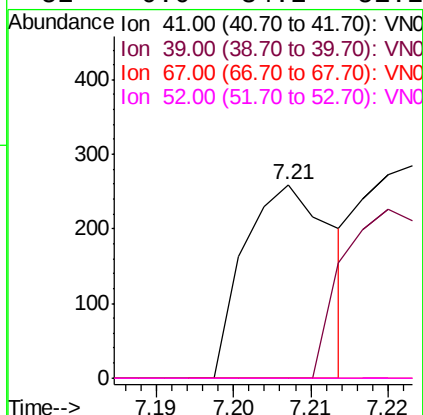
Time-->



#41
Methacrylonitrile
Concen: 2.79 ug/l
RT: 7.21 min Scan# 1747
Delta R.T. 0.03 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

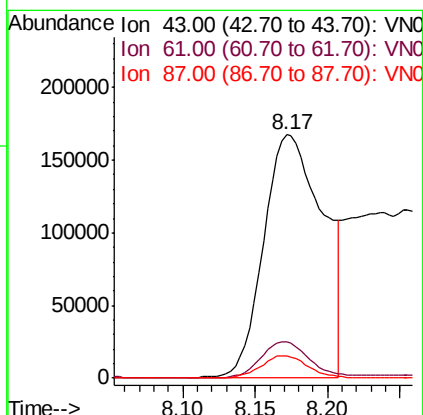
Instrument :
MSVOA_N
ClientSampled :
TP-12-S

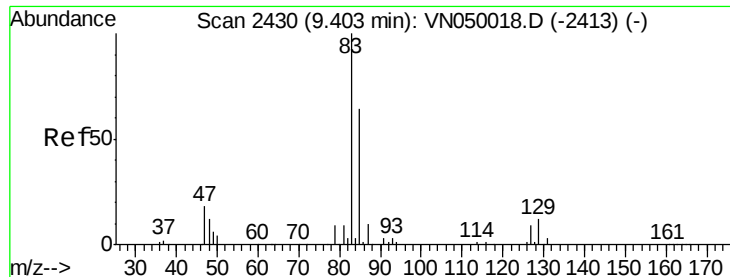
Tot Ion: 41 Resp: 206
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 29.19 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 43 Resp: 476244
Ion Ratio Lower Upper
43 100
61 12.8 15.8 23.6#
87 7.3 10.3 15.5#





#47

Bromodichloromethane

Concen: 0.39 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

TP-12-S

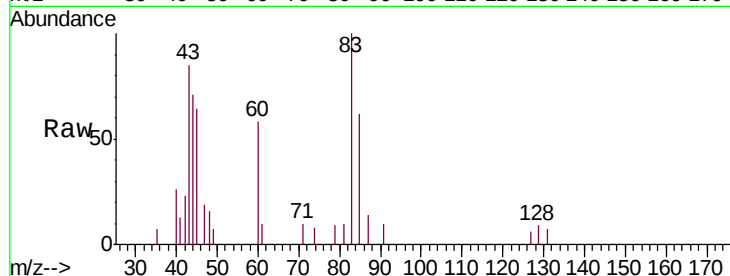
Tot Ion: 83 Resp: 4982

Ion Ratio Lower Upper

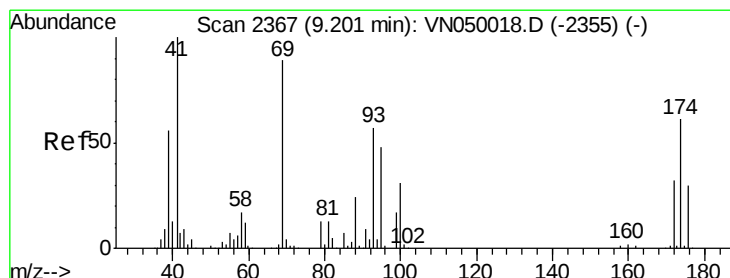
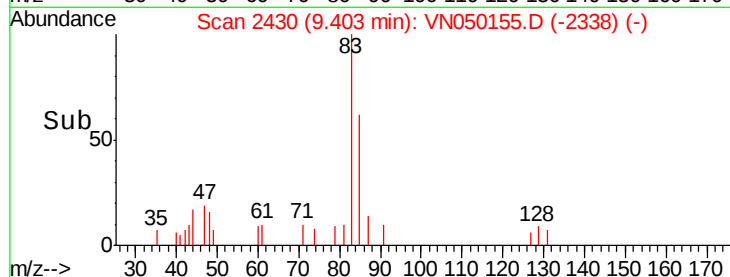
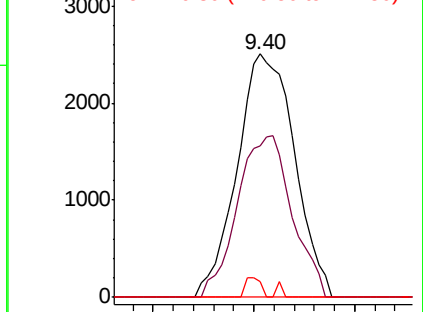
83 100

85 62.5 51.1 76.7

127 6.2 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.38 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

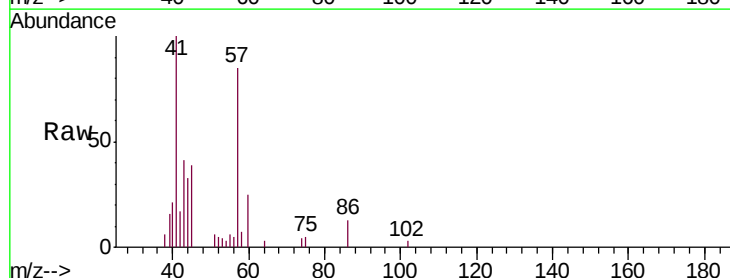
Tgt Ion: 41 Resp: 10091

Ion Ratio Lower Upper

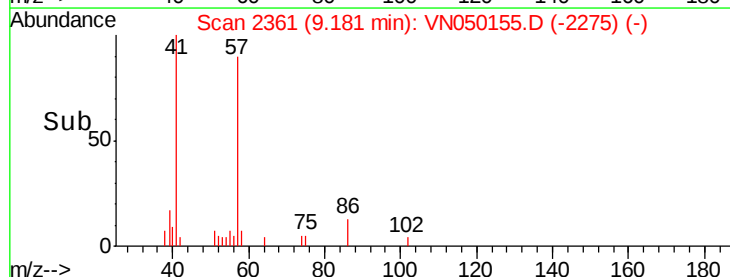
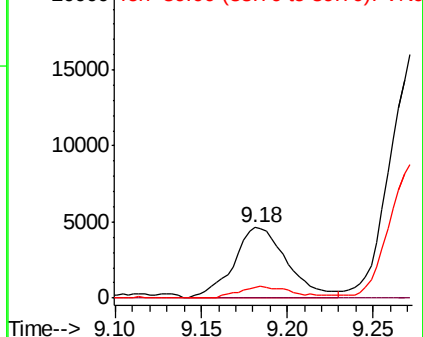
41 100

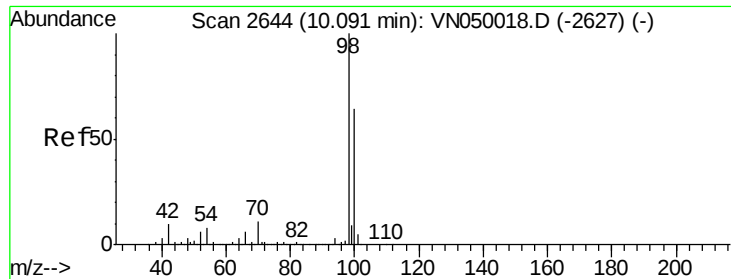
69 0.0 70.6 105.8#

39 16.6 43.9 65.9#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: 45.11 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

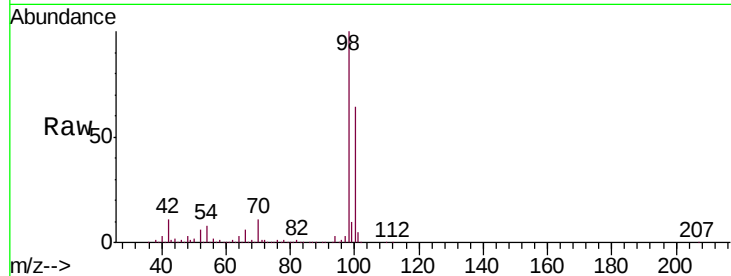
TP-12-S

Tot Ion: 98 Resp: 1468648

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050018.D (-2627) (-)

10.09

800000

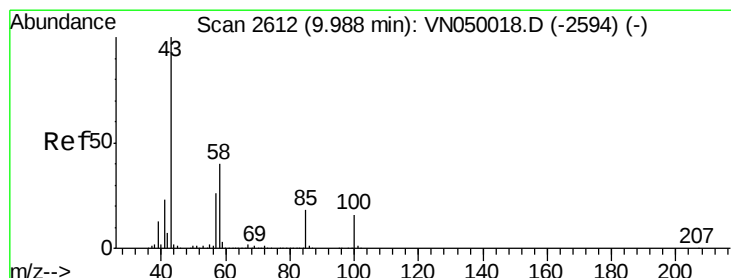
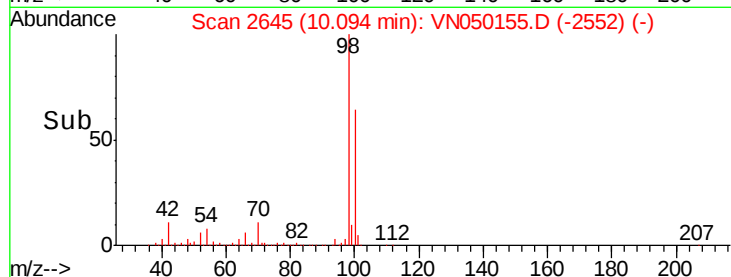
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.31 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050155.D

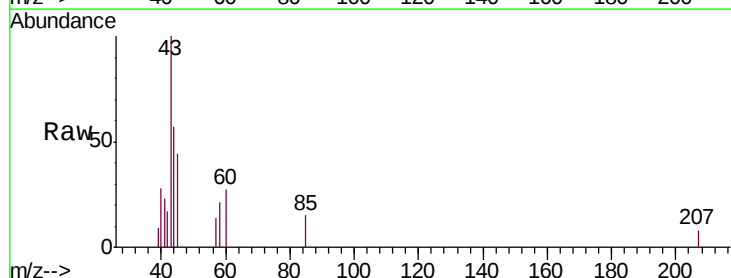
Acq: 28 Jul 2018 1:46

Tgt Ion: 43 Resp: 2562

Ion Ratio Lower Upper

43 100

58 38.1 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2594) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-2594) (-)

9.99

2500

2000

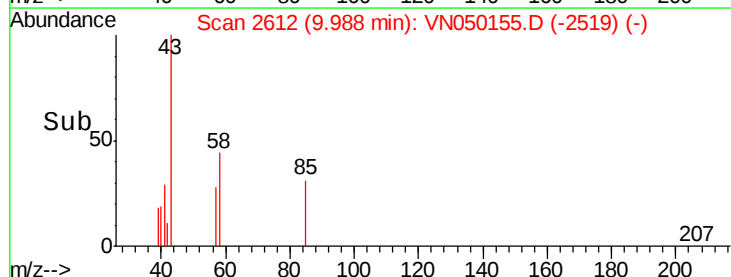
1500

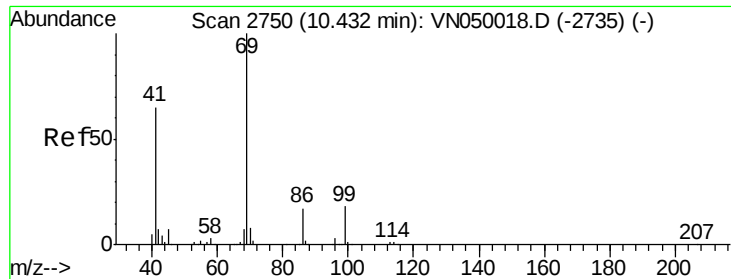
1000

500

0

Time-->





#56

Ethyl methacrylate

Concen: 2.28 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.21 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

TP-12-S

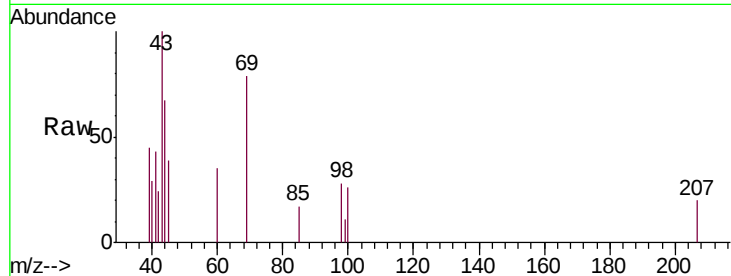
Tot Ion: 69 Resp: 3082

Ion Ratio Lower Upper

69 100

41 23.7 51.0 76.4#

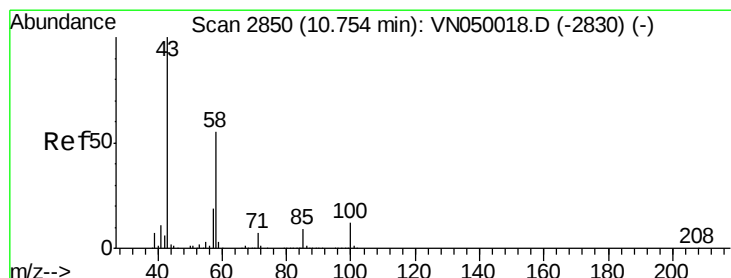
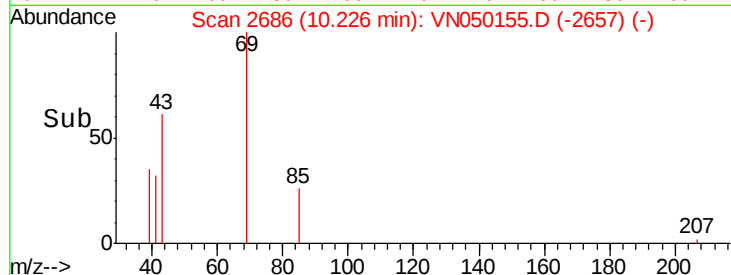
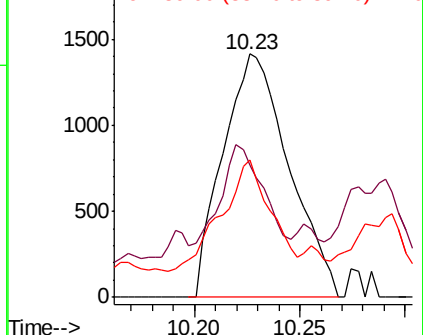
39 33.7 26.6 40.0



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 8.69 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050155.D

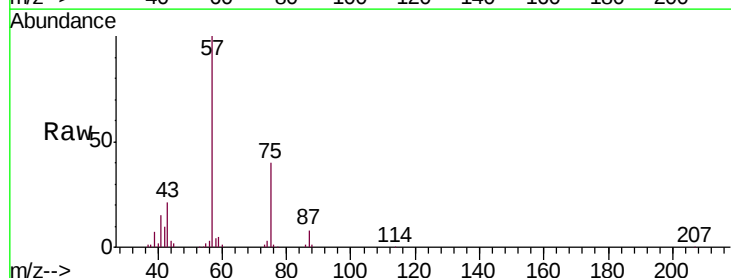
Acq: 28 Jul 2018 1:46

Tgt Ion: 43 Resp: 22116

Ion Ratio Lower Upper

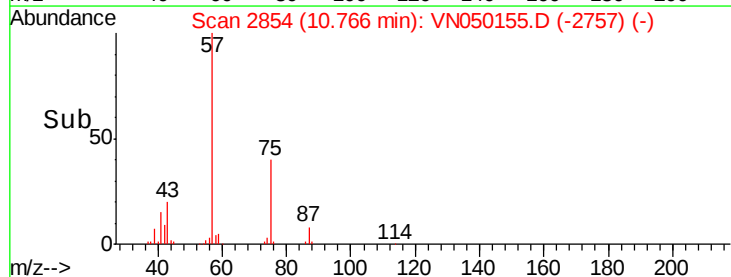
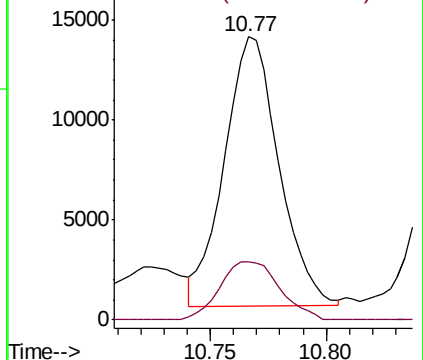
43 100

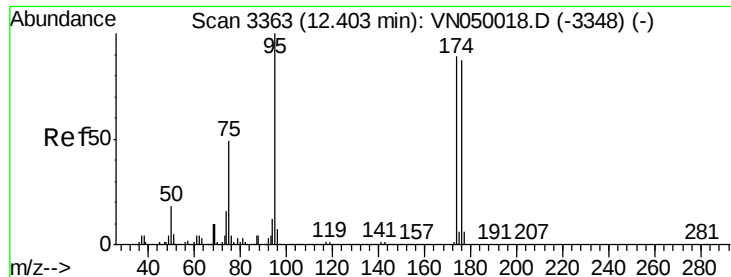
58 23.7 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

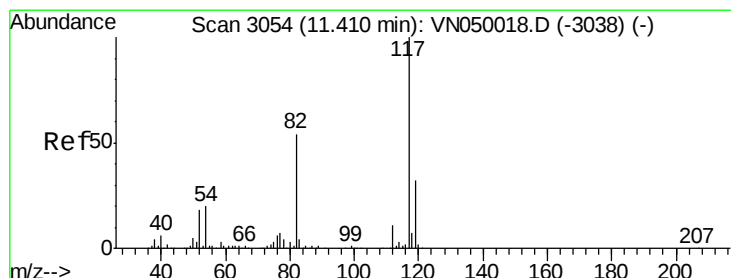
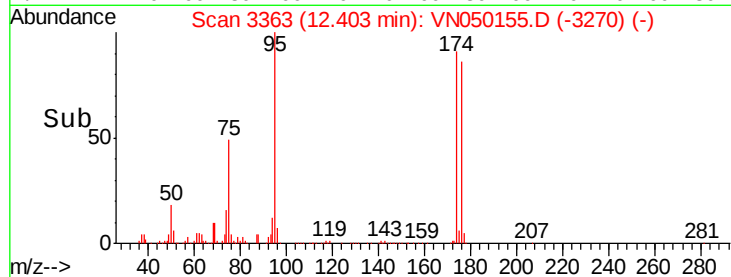
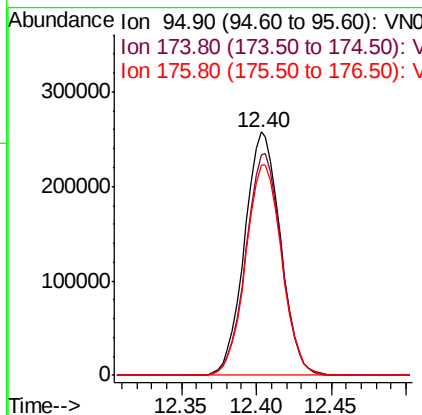
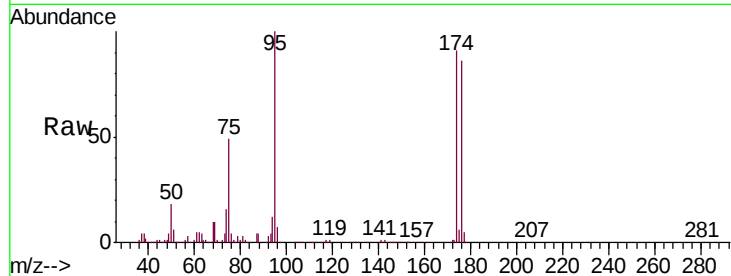




#62
4-Bromofluorobenzene
Concen: 40.05 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

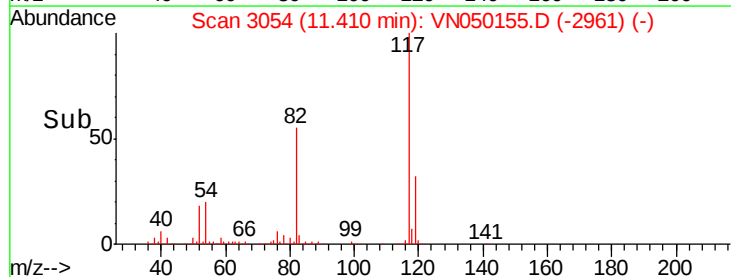
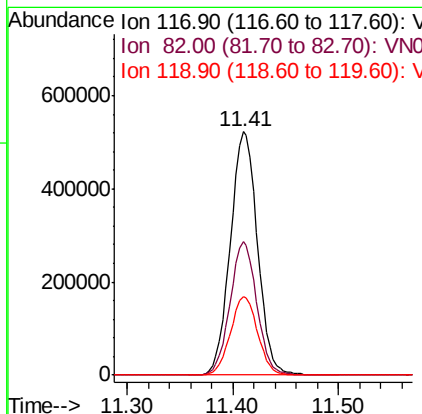
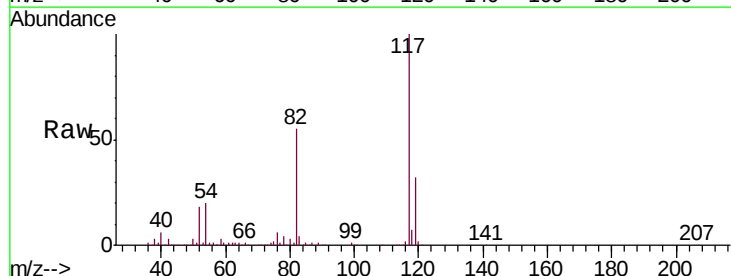
Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

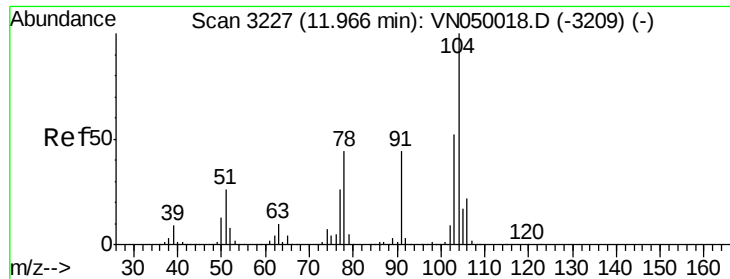
Tot Ion: 95 Resp: 429321
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.2
176 87.2 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion: 117 Resp: 927382
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 32.3 26.1 39.1

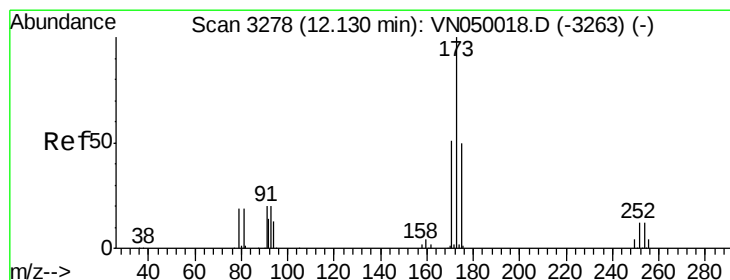
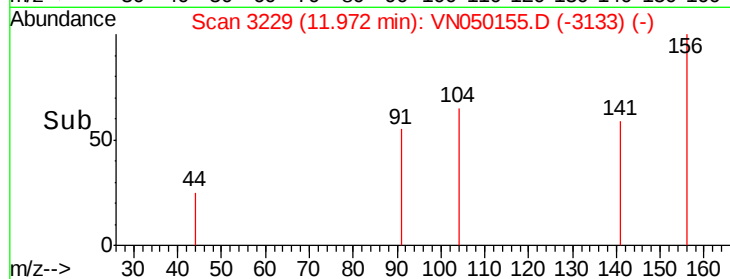
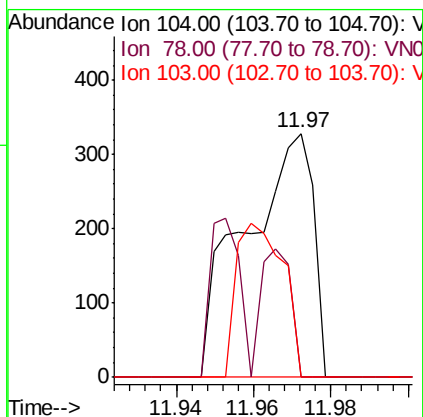
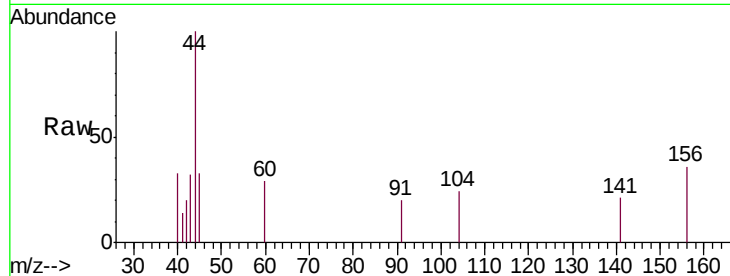




#70
Stvrene
Concen: 0.94 ug/l
RT: 11.97 min Scan# 3229
Delta R.T. 0.01 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

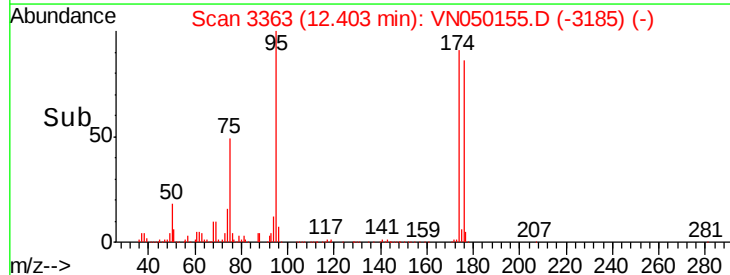
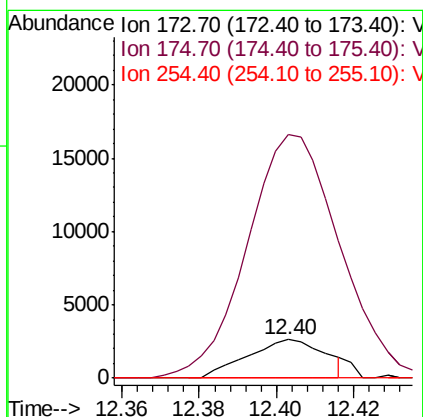
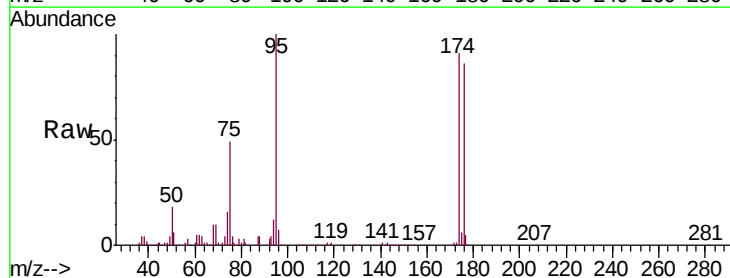
Instrument :
MSVOA_N
ClientSampled :
TP-12-S

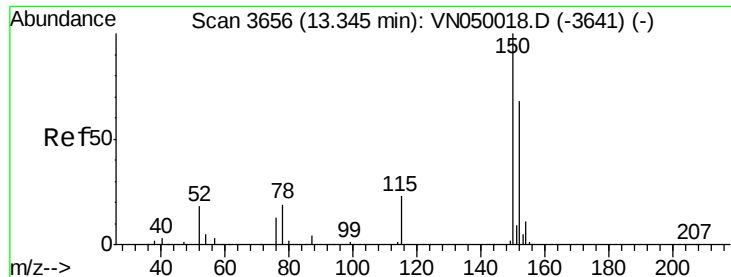
Tot Ion:104 Resp: 404
Ion Ratio Lower Upper
104 100
78 23.0 39.3 58.9#
103 42.8 45.0 67.6#



#71
Bromoform
Concen: 0.55 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.27 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Tgt Ion:173 Resp: 3610
Ion Ratio Lower Upper
173 100
175 669.1 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampleId :

TP-12-S

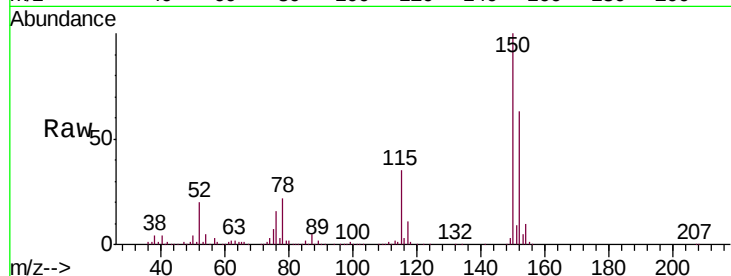
Tot Ion:152 Resp: 374713

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

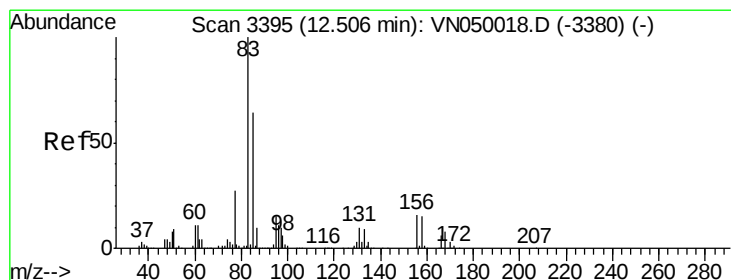
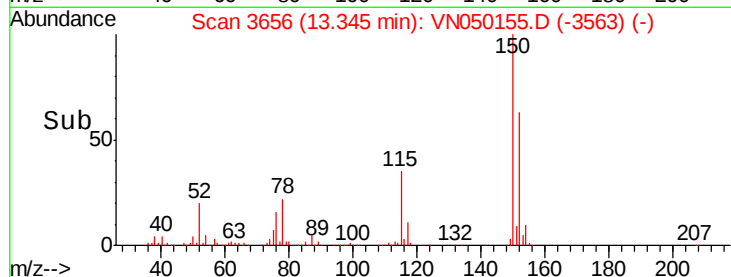
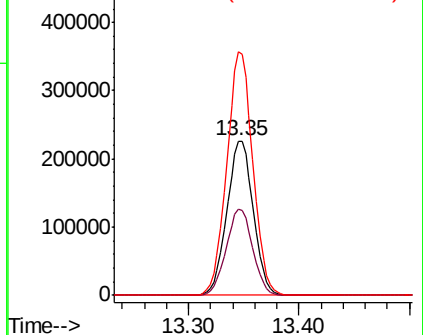
150 155.2 0.0 348.6



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

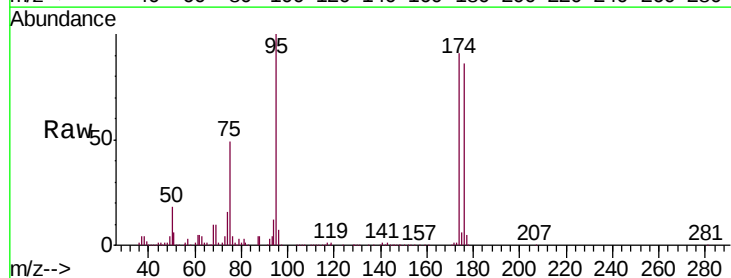
Tgt Ion: 83 Resp: 142

Ion Ratio Lower Upper

83 100

131 417.6 5.1 15.3#

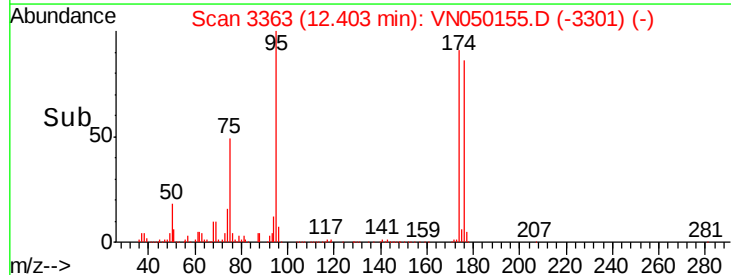
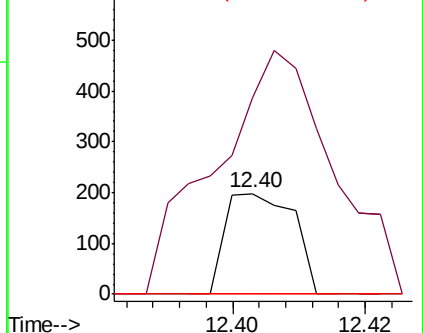
85 0.0 32.3 96.8#

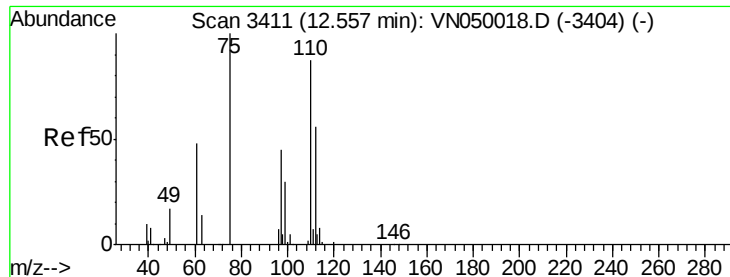


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 30.16 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

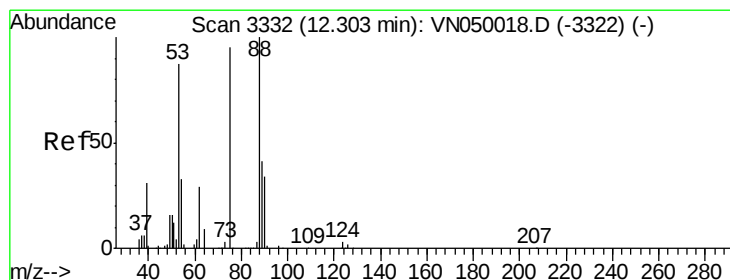
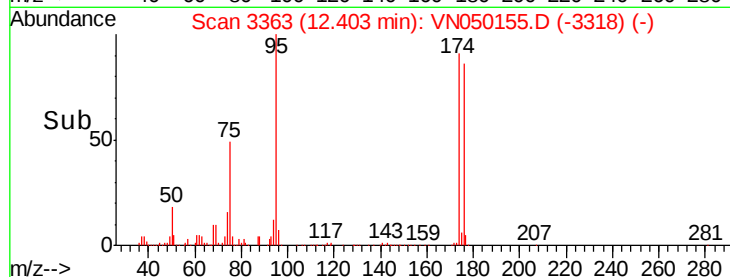
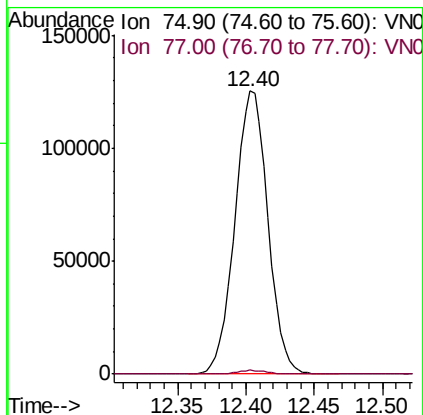
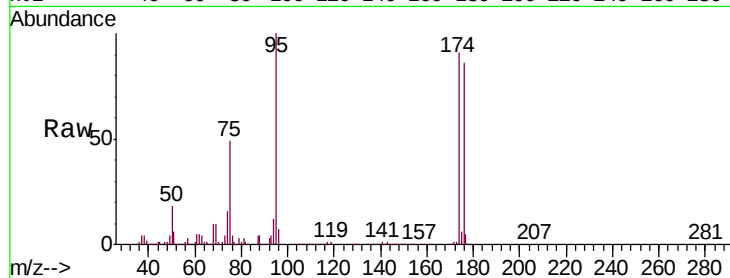
TP-12-S

Tot Ion: 75 Resp: 210047

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 95.67 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

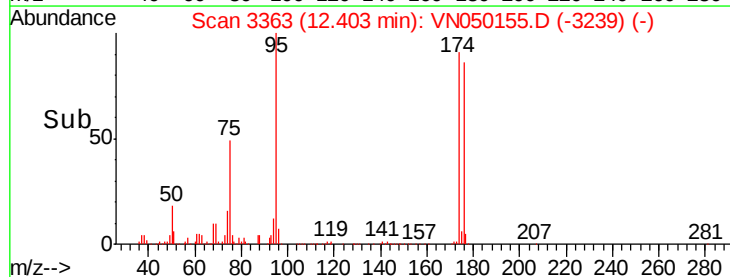
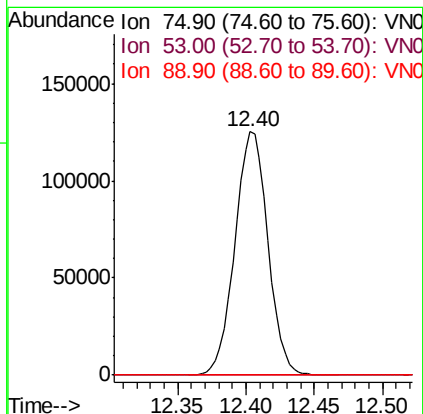
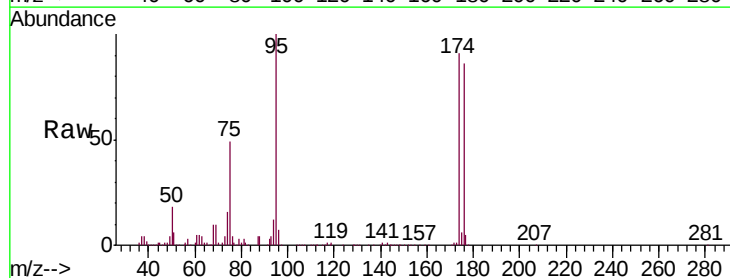
Tgt Ion: 75 Resp: 210047

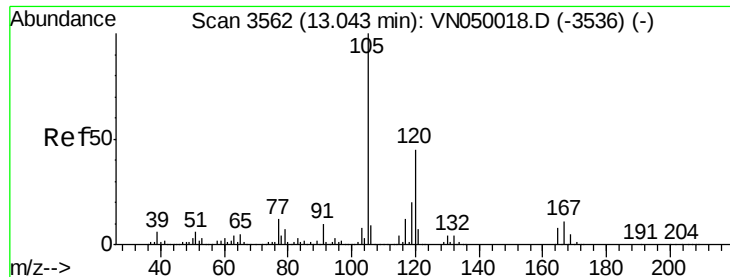
Ion Ratio Lower Upper

75 100

53 0.1 73.5 110.3#

89 0.0 36.0 54.0#

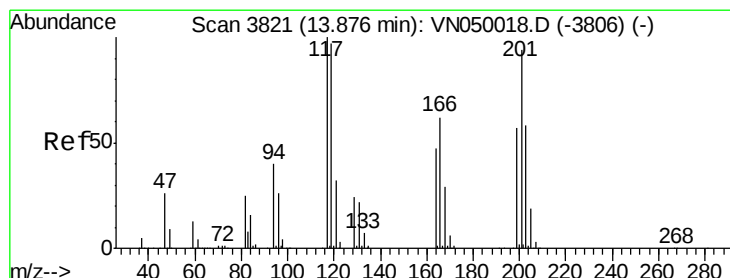
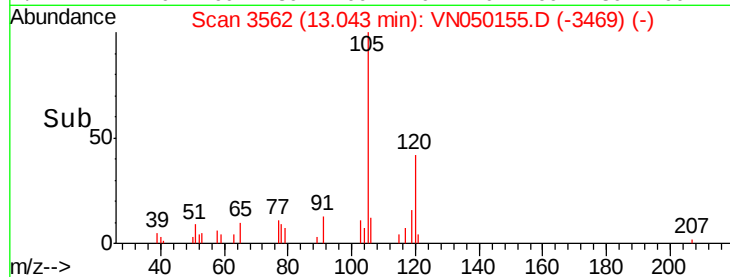
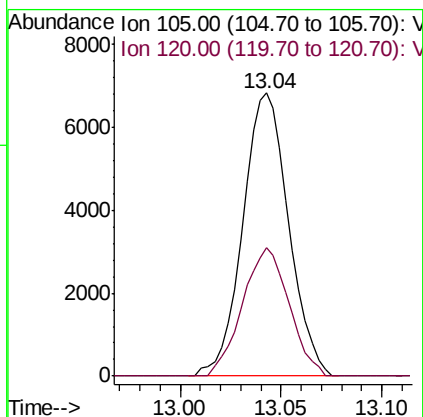
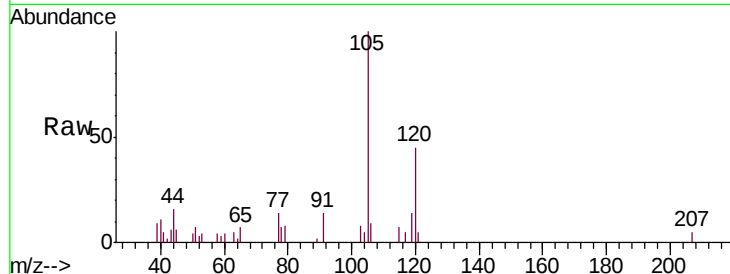




#84
 1,2,4-Trimethylbenzene
 Concen: 0.47 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050155.D
 Acq: 28 Jul 2018 1:46

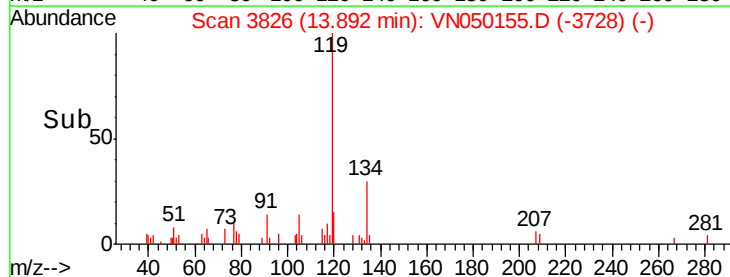
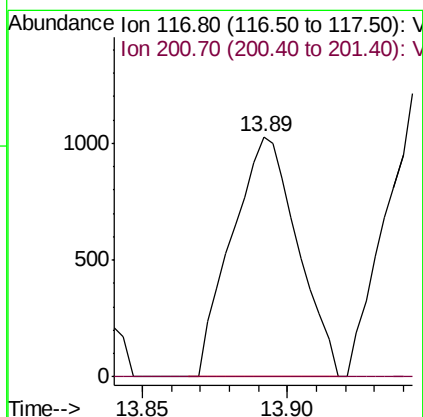
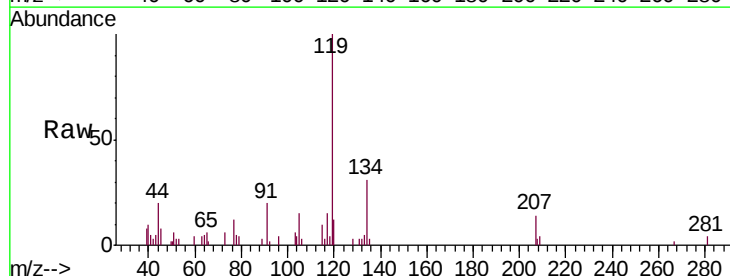
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-S

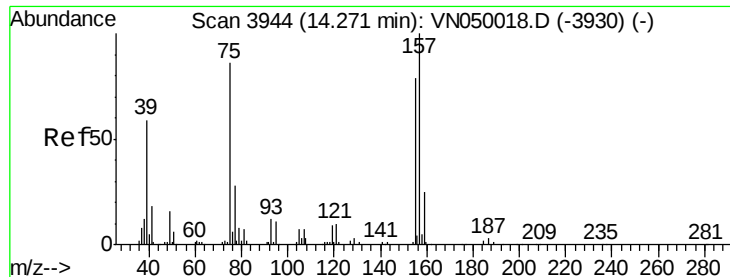
Tot Ion:105 Resp: 10839
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.7



#90
 Hexachloroethane
 Concen: 0.32 ug/l
 RT: 13.89 min Scan# 3826
 Delta R.T. 0.02 min
 Lab File: VN050155.D
 Acq: 28 Jul 2018 1:46

Tgt Ion:117 Resp: 1612
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.6 136.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

Instrument :

MSVOA_N

ClientSampled :

TP-12-S

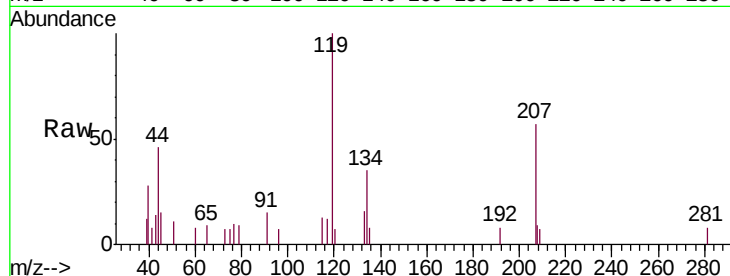
Tot Ion: 75 Resp: 96

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

157 0.0 57.2 171.6#

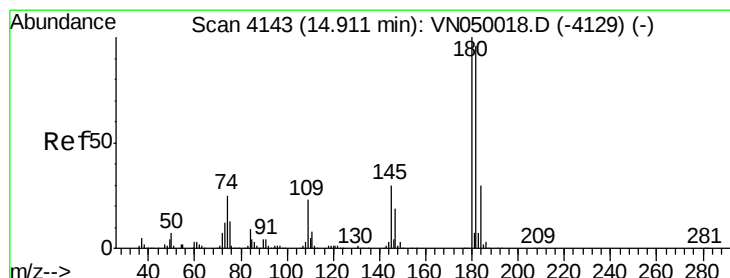
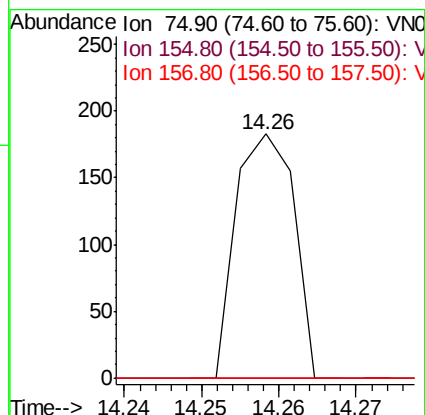
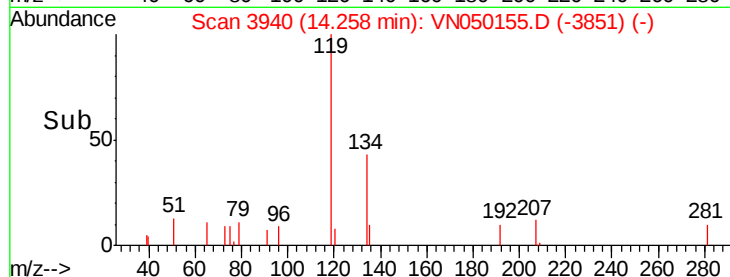


Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3930) (-)

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

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

Time--> 14.24 14.25 14.26 14.27



#93

1,2,4-Trichlorobenzene

Concen: 3.09 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050155.D

Acq: 28 Jul 2018 1:46

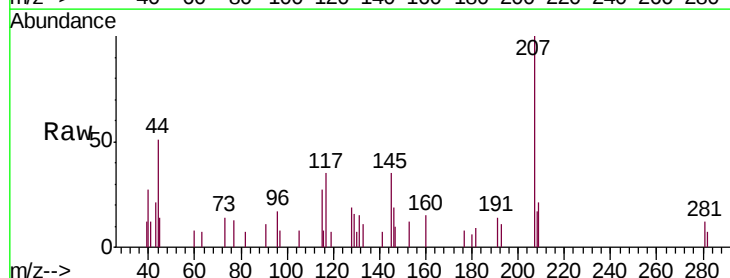
Tgt Ion: 180 Resp: 30

Ion Ratio Lower Upper

180 100

182 616.7 46.7 140.1#

145 0.0 13.8 41.4#

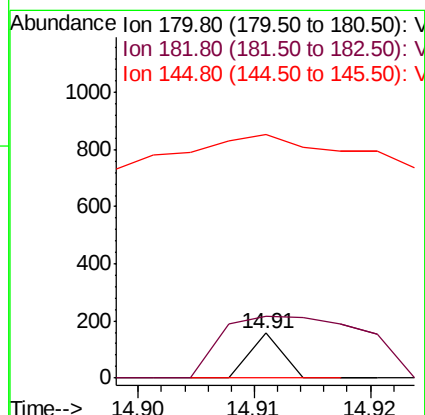
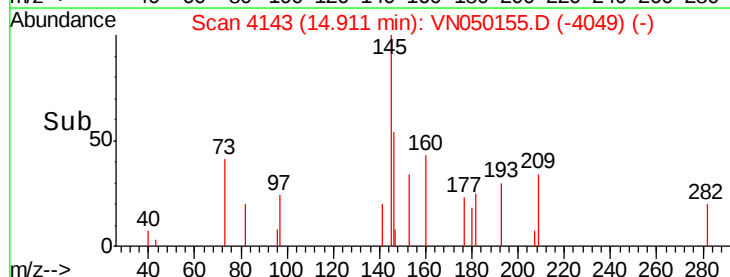


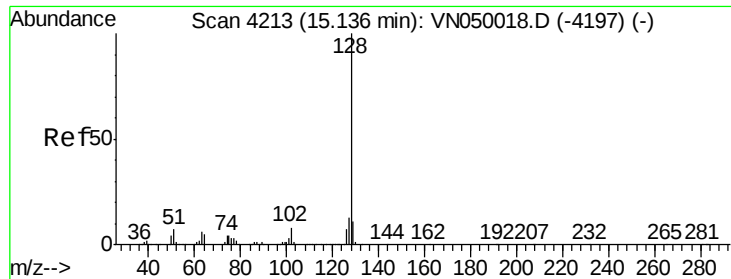
Abundance Ion 179.80 (179.50 to 180.50): VN050018.D (-4129) (-)

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

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

Time--> 14.90 14.91 14.92

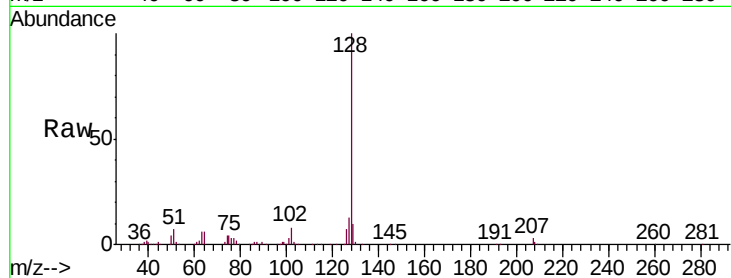




#95
Naphthalene
Concen: 16.14 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050155.D
Acq: 28 Jul 2018 1:46

Instrument :
MSVOA_N
ClientSampleId :
TP-12-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.5	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

