

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049703.D
 Acq On : 3 Jul 2018 19:23
 Operator : MD\SY
 Sample : PB110796ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 23:09:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1200788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1971035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1627618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	636522	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	836162	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
35) Dibromofluoromethane	7.59	113	701415	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	
50) Toluene-d8	10.09	98	2610952	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	
62) 4-Bromofluorobenzene	12.41	95	761060	38.65	ug/l	0.00
Spiked Amount			Recovery	=	77.30%	

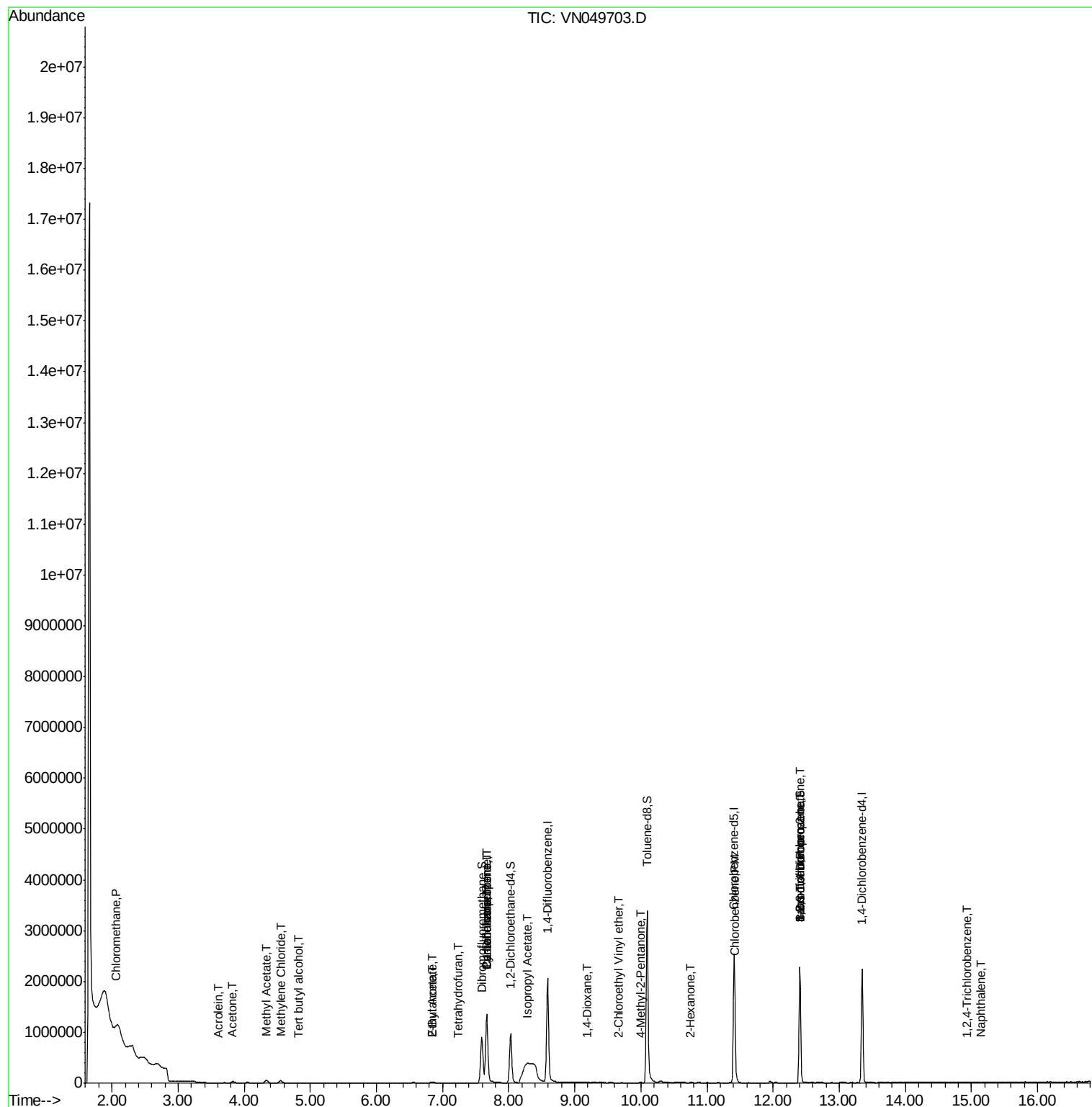
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	4411	0.26	ug/l	# 88
11) Tert butyl alcohol	4.81	59	1961	2.16	ug/l	# 72
13) Acrolein	3.61	56	919	1.08	ug/l	94
16) Acetone	3.82	43	42656	5.58	ug/l	94
17) Carbon Disulfide	4.05	76	12820	Below	Cal	100
18) Methyl Acetate	4.34	43	97245	1.66	ug/l	95
20) Methylene Chloride	4.55	84	30091	1.84	ug/l	93
25) 2-Butanone	6.85	43	21316	4.05	ug/l	94
29) Tetrahydrofuran	7.23	42	2791	0.83	ug/l	# 59
31) Cyclohexane	7.66	56	22478	0.21	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	81021	3.65	ug/l	# 48
37) Ethyl Acetate	6.85	43	21316	1.65	ug/l	# 68
38) Carbon Tetrachloride	7.67	117	106536	4.94	ug/l	# 17
43) Isopropyl Acetate	8.29	43	894283	34.64	ug/l	# 62
49) 1,4-Dioxane	9.20	88	65	0.42	ug/l	# 26
51) 4-Methyl-2-Pentanone	10.00	43	4046	0.32	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.68	63	64	10.83	ug/l	# 48
59) 2-Hexanone	10.75	43	6566	0.78	ug/l	99
65) Chlorobenzene	11.43	112	9396	0.22	ug/l	99
71) Bromoform	12.41	173	6180	0.61	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.52	83	190	Below	Cal	# 68
76) 1,2,3-Trichloropropane	12.41	75	374841	36.72	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.41	75	374841	124.71	ug/l	# 13
87) 1,3-Dichlorobenzene	13.29	146	317	Below	Cal	# 72
88) 1,4-Dichlorobenzene	13.38	146	83	Below	Cal	# 25
91) 1,2-Dichlorobenzene	13.64	146	60	Below	Cal	# 1
92) 1,2-Dibromo-3-Chloropropan	14.26	75	182	Below	Cal	# 1
93) 1,2,4-Trichlorobenzene	14.92	180	69	2.41	ug/l	# 13
95) Naphthalene	15.14	128	1049	4.08	ug/l	# 69

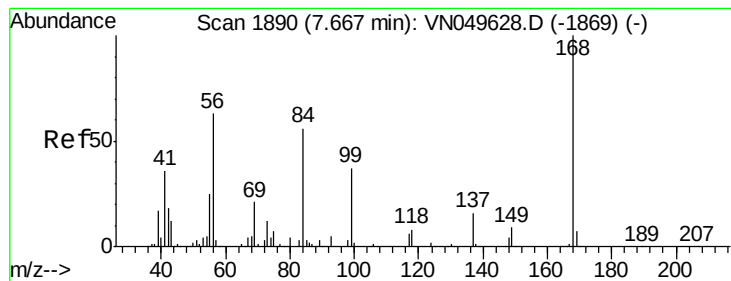
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070318\
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Quant Time: Jul 03 23:09:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

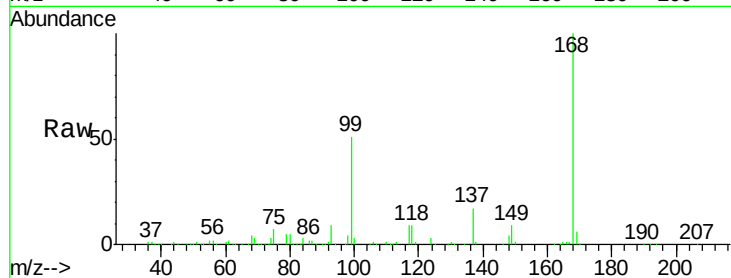
ClientSampled :

Tot Ion:168 Resp: 1200788

Ion Ratio Lower Upper

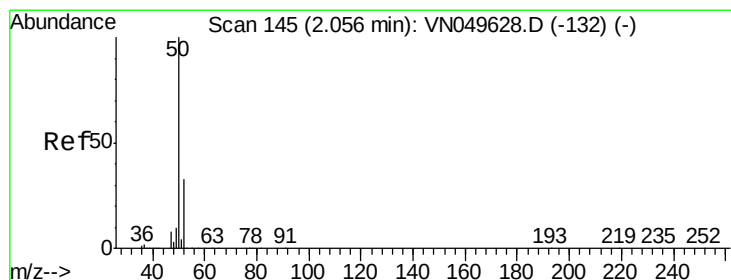
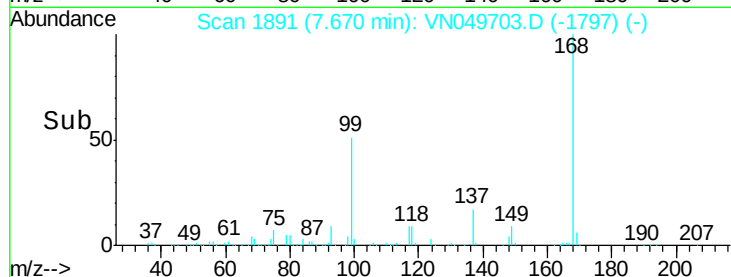
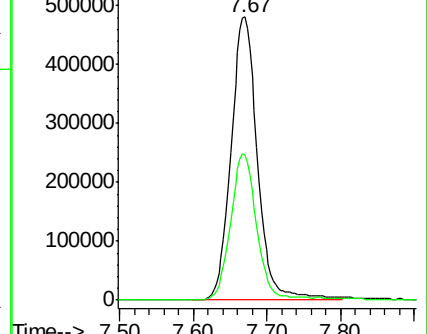
168 100

99 51.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.26 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN049703.D

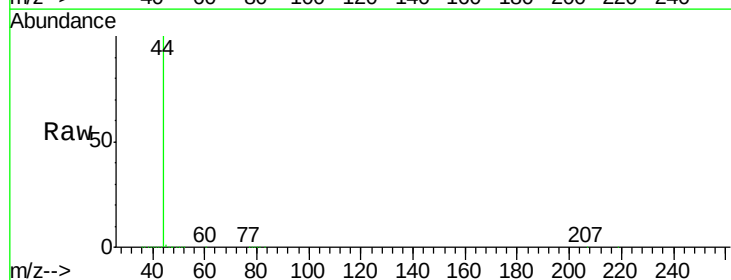
Acq: 3 Jul 2018 19:23

Tgt Ion: 50 Resp: 4411

Ion Ratio Lower Upper

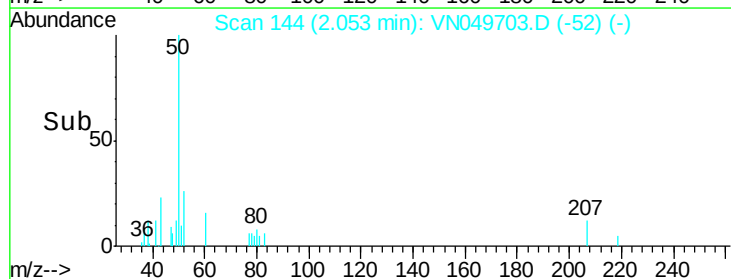
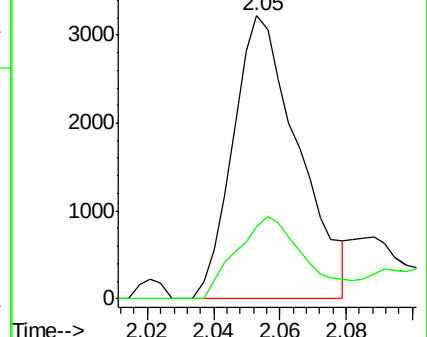
50 100

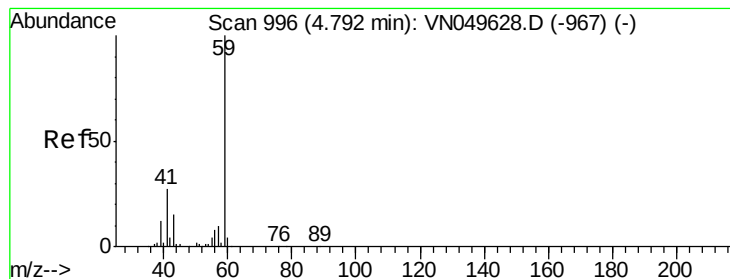
52 25.7 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



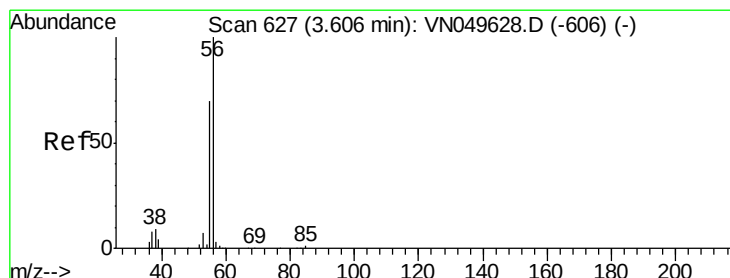
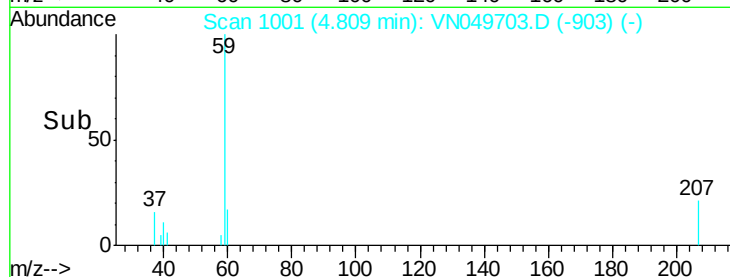
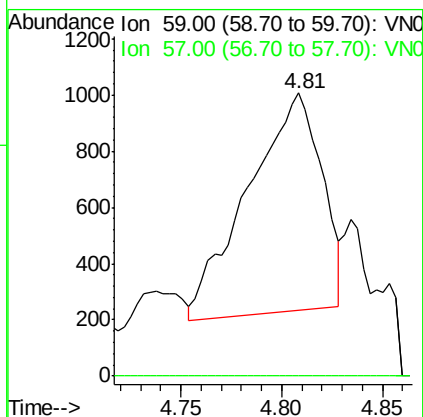
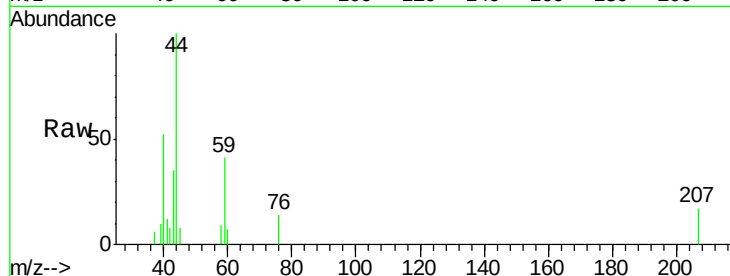


#11

Tert butyl alcohol
 Concen: 2.16 ug/l
 RT: 4.81 min Scan# 1001
 Delta R.T. 0.02 min
 Lab File: VN049703.D
 Acq: 3 Jul 2018 19:23

Instrument :
 MSVOA_N
 ClientSampled :

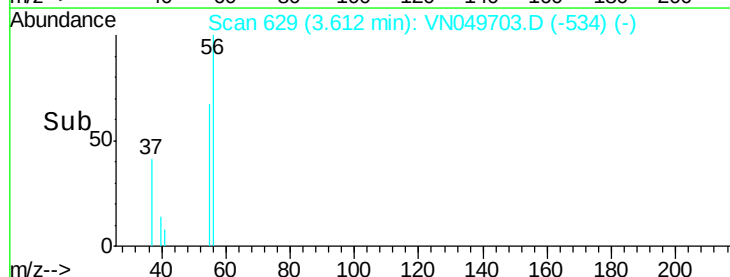
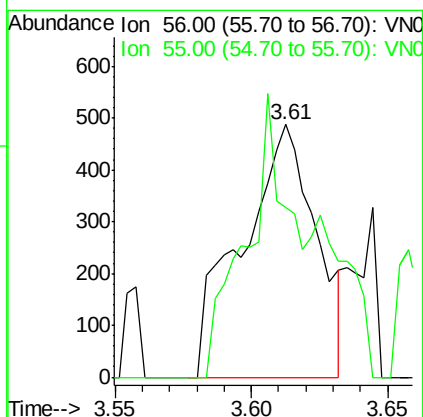
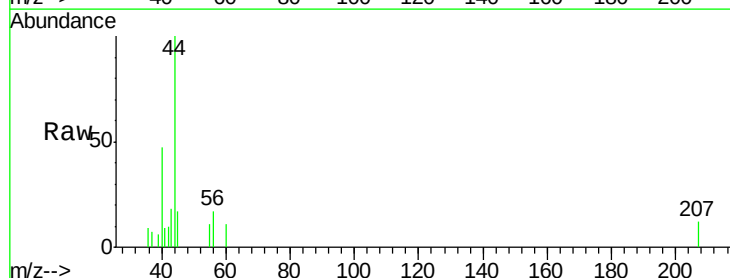
Tot Ion: 59 Resp: 1961
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

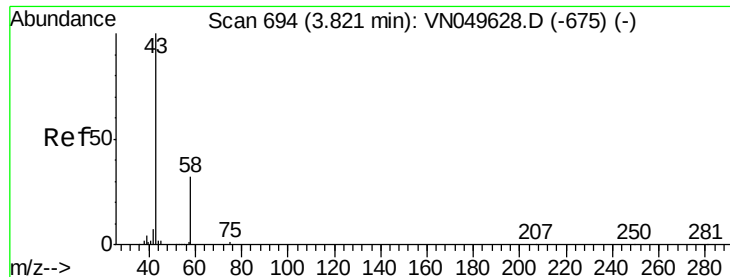


#13

Acrolein
 Concen: 1.08 ug/l
 RT: 3.61 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: VN049703.D
 Acq: 3 Jul 2018 19:23

Tgt Ion: 56 Resp: 919
 Ion Ratio Lower Upper
 56 100
 55 65.0 55.8 83.8





#16

Acetone

Concen: 5.58 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

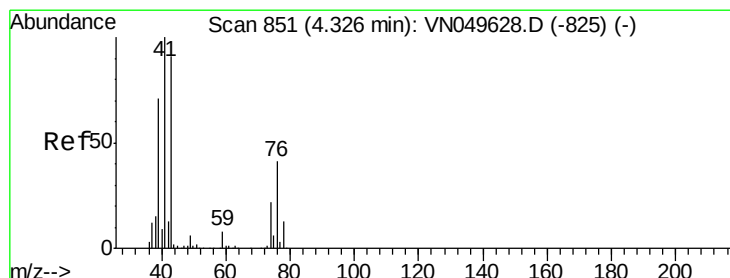
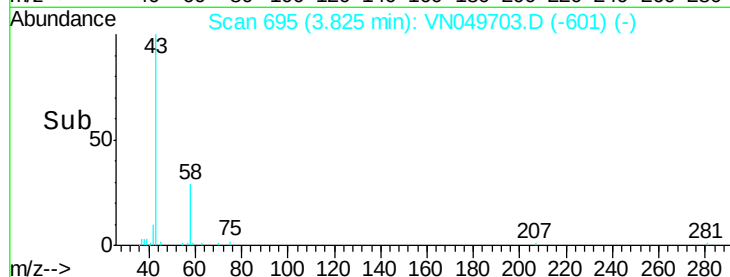
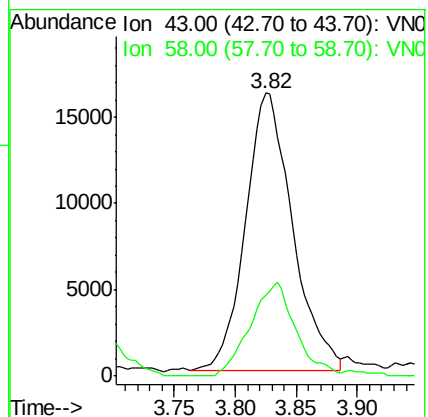
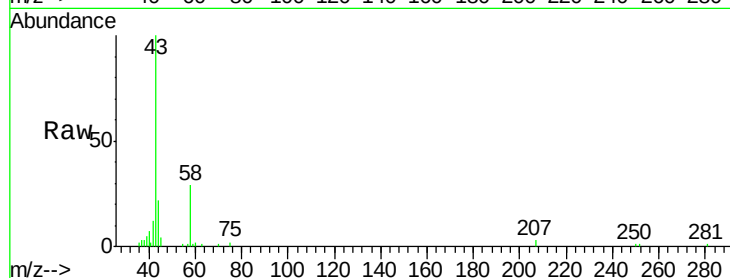
ClientSampled :

Tot Ion: 43 Resp: 42656

Ion Ratio Lower Upper

43 100

58 29.2 25.9 38.9



#18

Methyl Acetate

Concen: 1.66 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049703.D

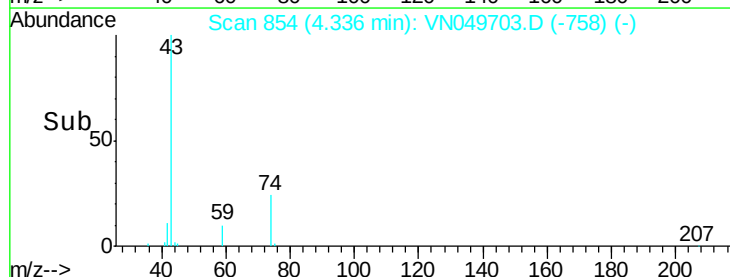
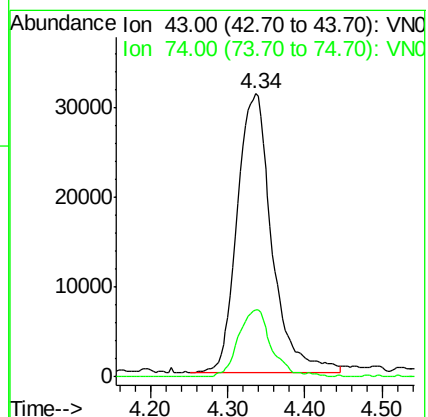
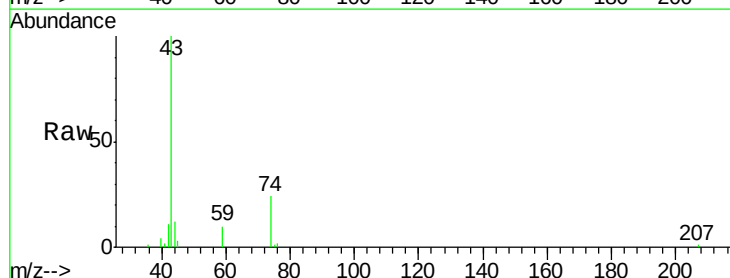
Acq: 3 Jul 2018 19:23

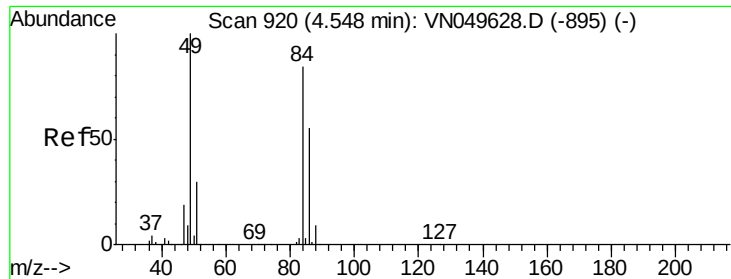
Tgt Ion: 43 Resp: 97245

Ion Ratio Lower Upper

43 100

74 22.1 19.8 29.8

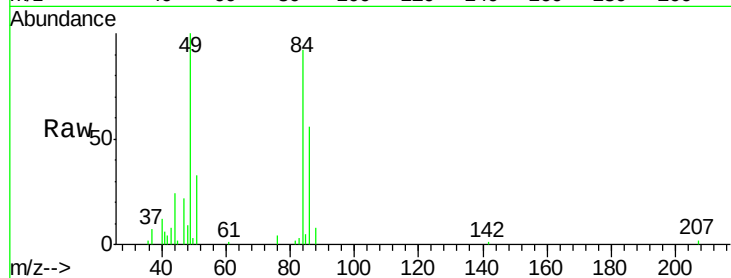




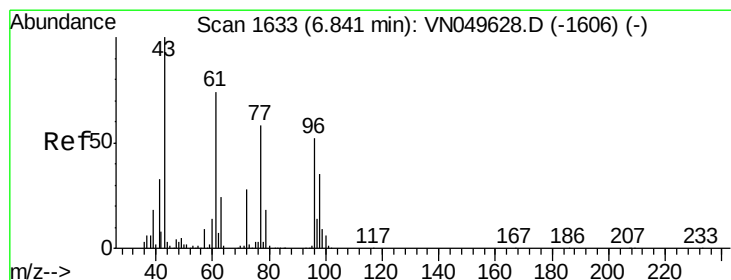
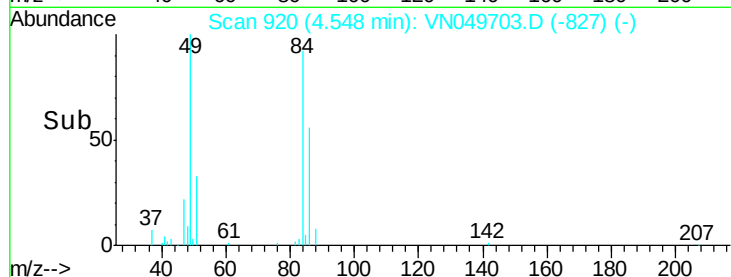
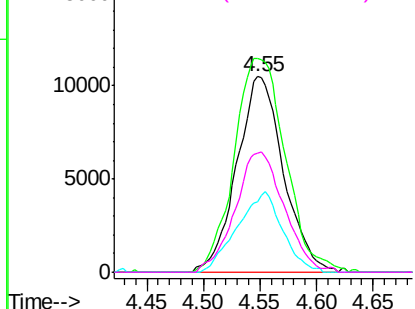
#20
Methvlene Chloride
Concen: 1.84 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 30091
Ion Ratio Lower Upper
84 100
49 109.2 95.4 143.2
51 36.2 28.4 42.6
86 61.2 52.6 79.0

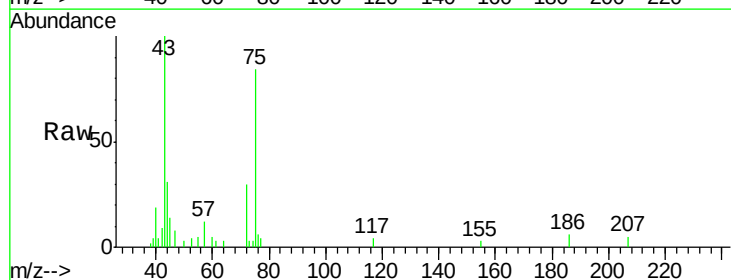


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

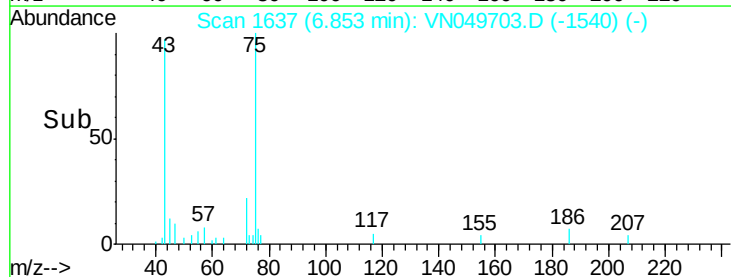
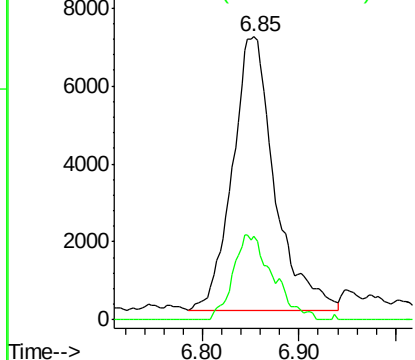


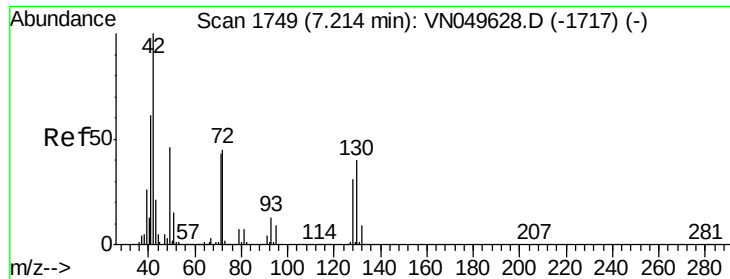
#25
2-Butanone
Concen: 4.05 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

Tgt Ion: 43 Resp: 21316
Ion Ratio Lower Upper
43 100
72 30.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.83 ug/l

RT: 7.23 min Scan# 1755

Delta R.T. 0.02 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampled :

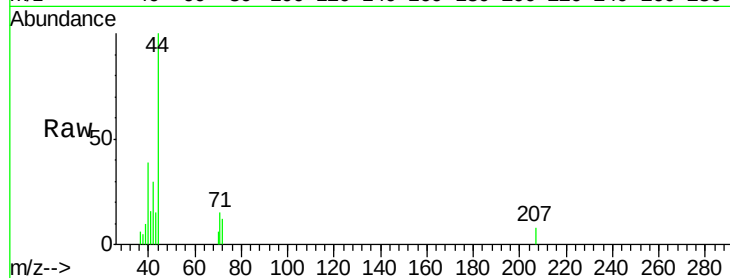
Tot Ion: 42 Resp: 2791

Ion Ratio Lower Upper

42 100

72 16.8 35.6 53.4#

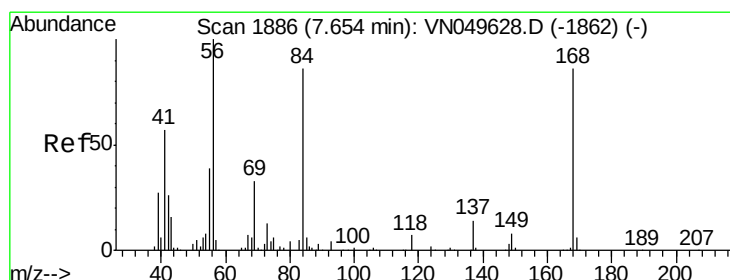
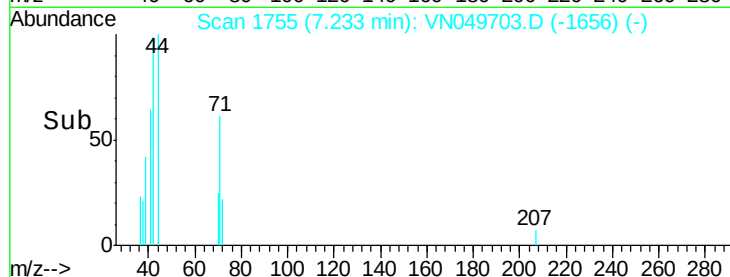
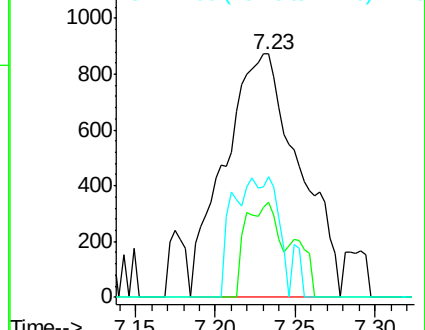
71 17.7 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN049628.D (-1717) (-)

Ion 72.00 (71.70 to 72.70): VN049628.D (-1717) (-)

Ion 71.00 (70.70 to 71.70): VN049628.D (-1717) (-)



#31

Cyclohexane

Concen: 0.21 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

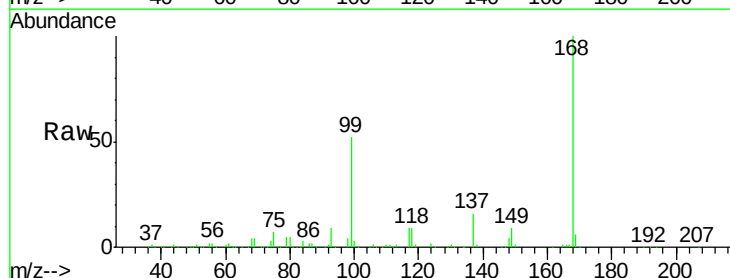
Tgt Ion: 56 Resp: 22478

Ion Ratio Lower Upper

56 100

69 189.5 26.6 40.0#

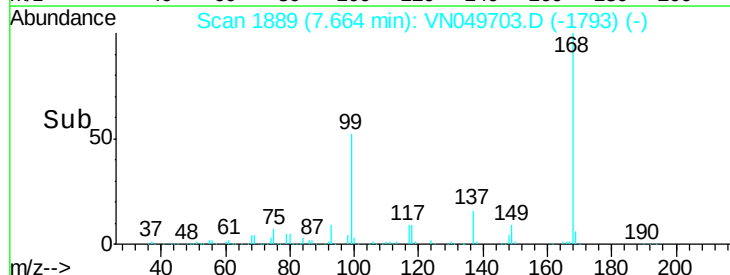
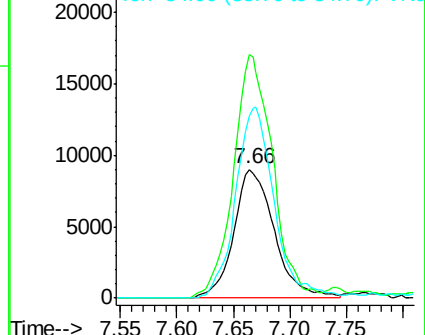
84 141.7 69.0 103.6#

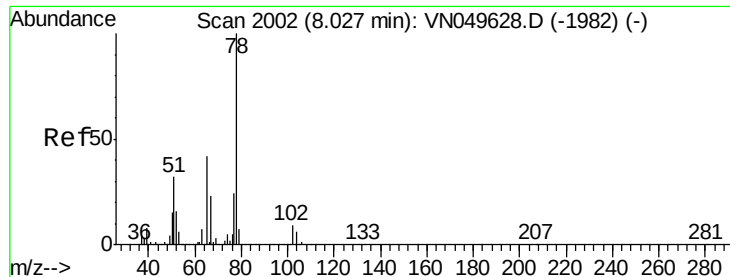


Abundance Ion 56.00 (55.70 to 56.70): VN049628.D (-1862) (-)

Ion 69.00 (68.70 to 69.70): VN049628.D (-1862) (-)

Ion 84.00 (83.70 to 84.70): VN049628.D (-1862) (-)

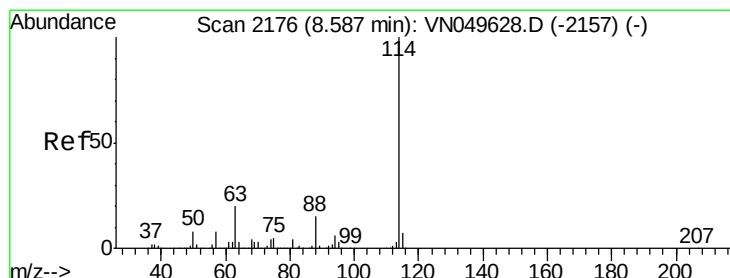
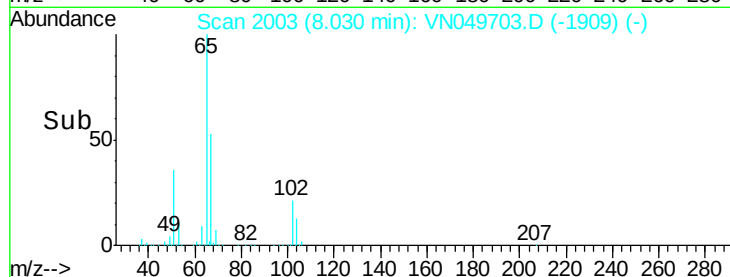
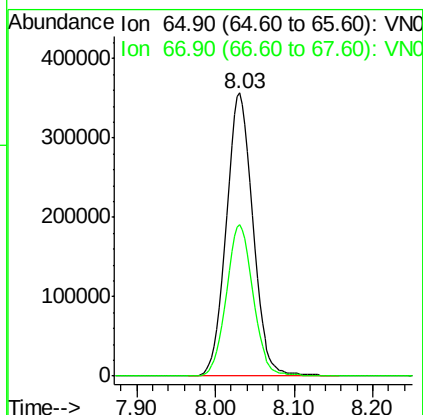
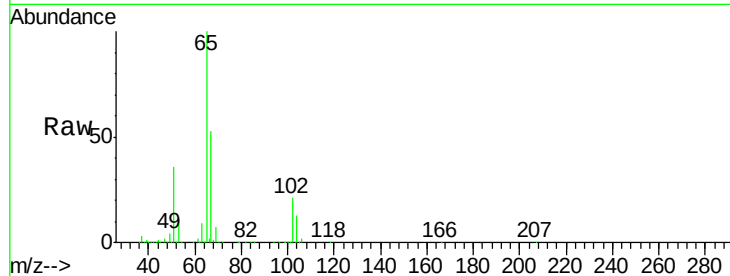




#33
 1,2-Dichloroethane-d4
 Concen: 52.73 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049703.D
 Acq: 3 Jul 2018 19:23

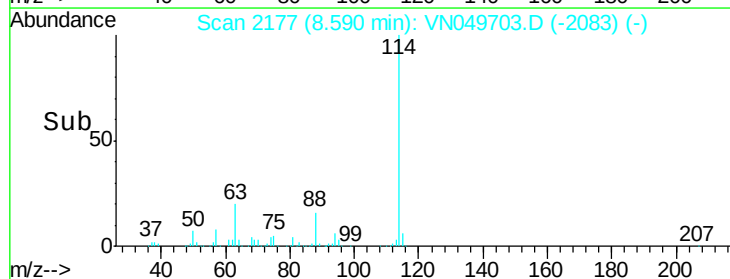
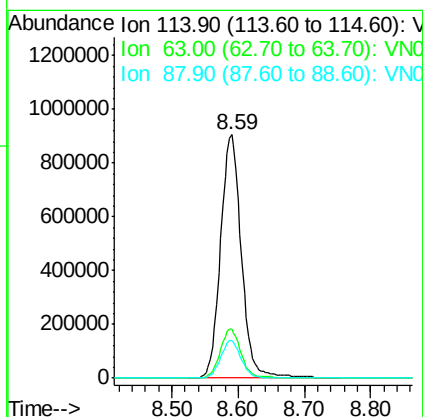
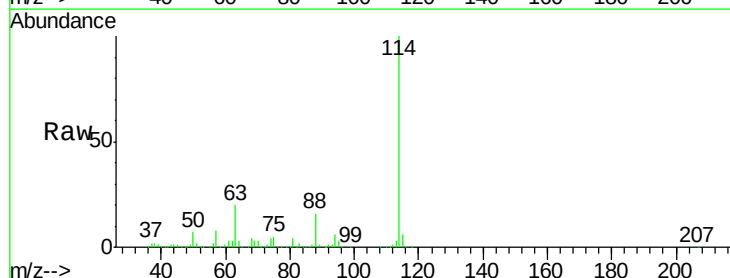
Instrument :
 MSVOA_N
 ClientSampleId :

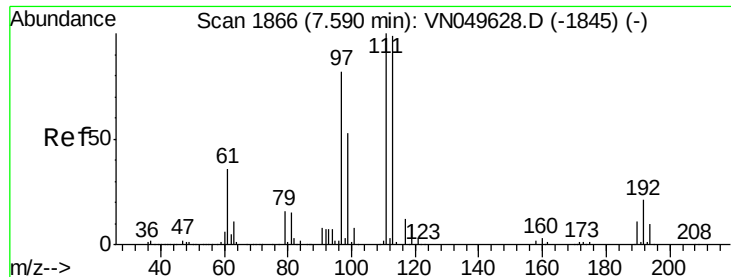
Tot Ion: 65 Resp: 836162
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049703.D
 Acq: 3 Jul 2018 19:23

Tgt Ion: 114 Resp: 1971035
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.5 0.0 30.6

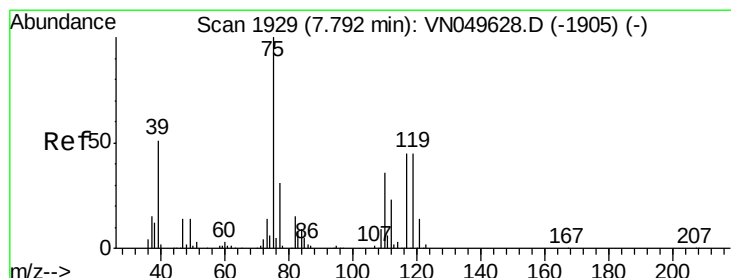
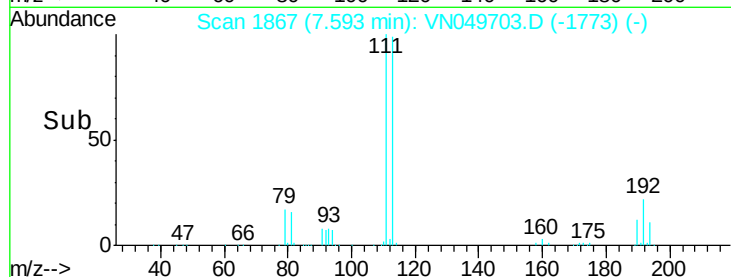
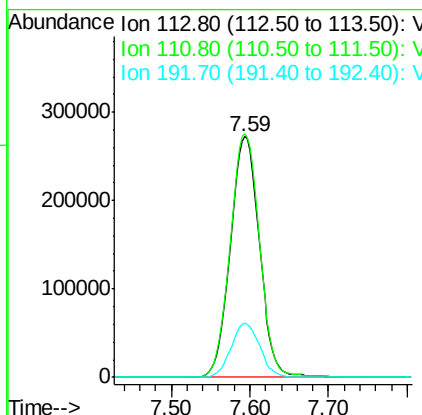
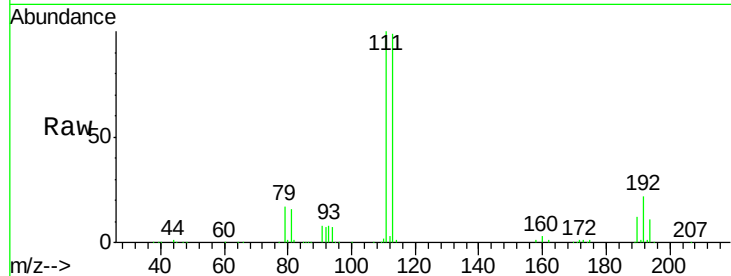




#35
 Dibromofluoromethane
 Concen: 47.60 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049703.D
 Acq: 3 Jul 2018 19:23

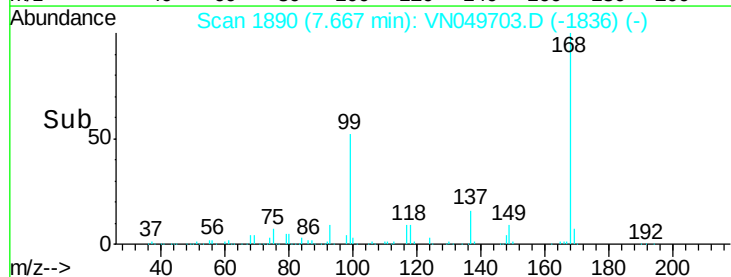
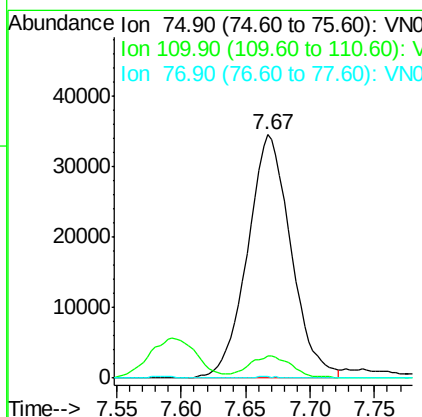
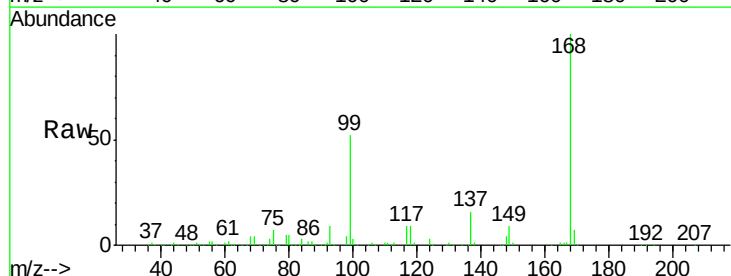
Instrument :
 MSVOA_N
 ClientSampled :

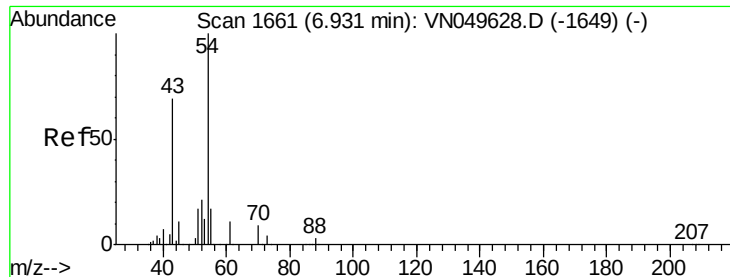
Tot Ion:113 Resp: 701415
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 22.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.65 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049703.D
 Acq: 3 Jul 2018 19:23

Tgt Ion: 75 Resp: 81021
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.4#
 77 0.2 24.9 37.3#

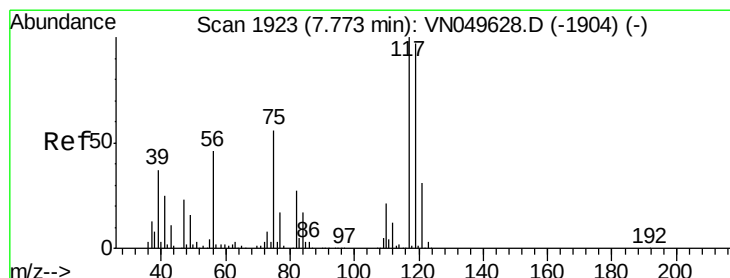
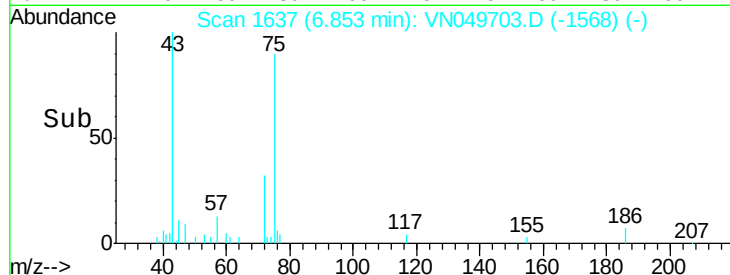
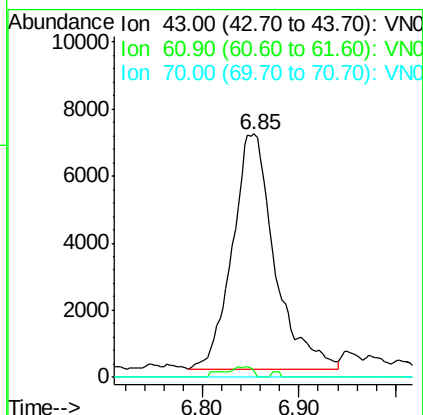
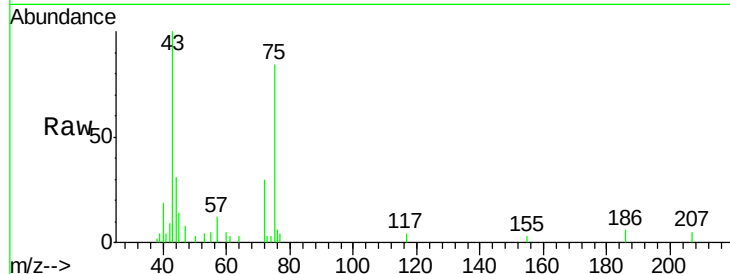




#37
Ethyl Acetate
Concen: 1.65 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. -0.08 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

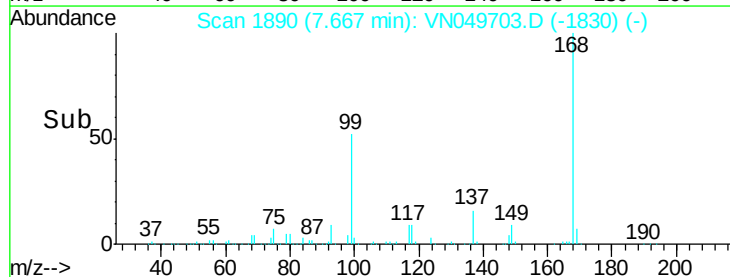
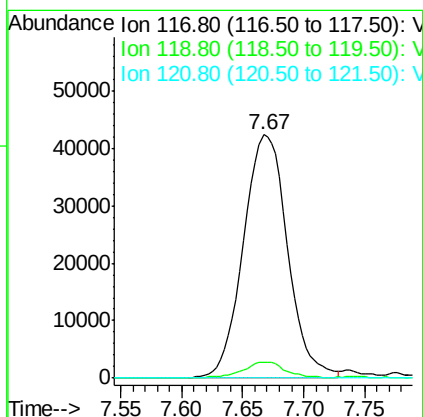
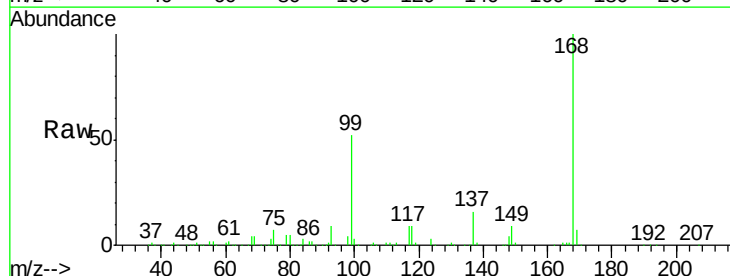
Instrument :
MSVOA_N
ClientSampleId :

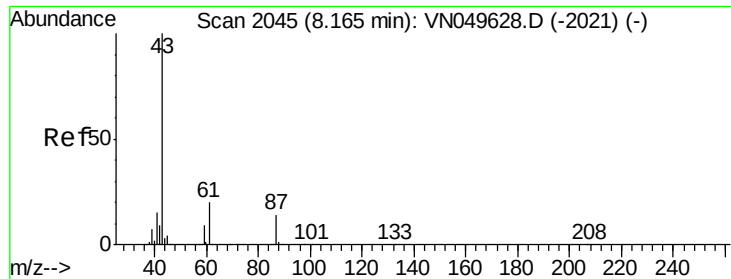
Tot Ion: 43 Resp: 21316
Ion Ratio Lower Upper
43 100
61 0.5 11.7 17.5#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 4.94 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

Tgt Ion: 117 Resp: 106536
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 34.64 ug/l

RT: 8.29 min Scan# 2084

Delta R.T. 0.13 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

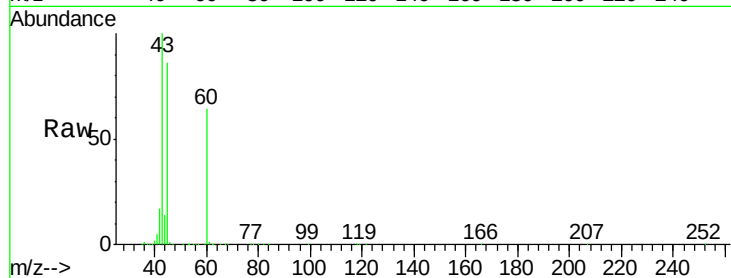
Tot Ion: 43 Resp: 894283

Ion Ratio Lower Upper

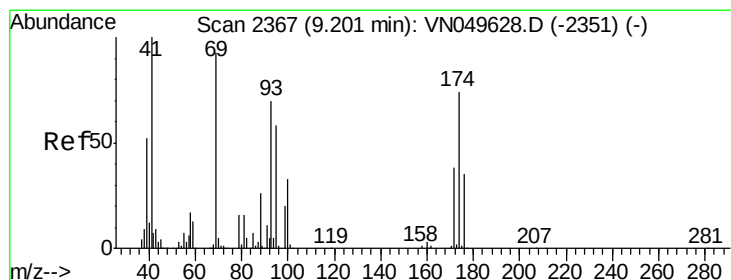
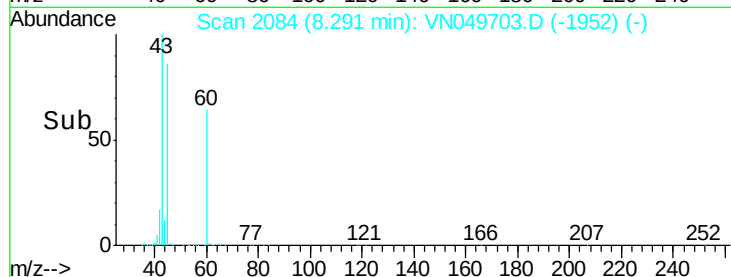
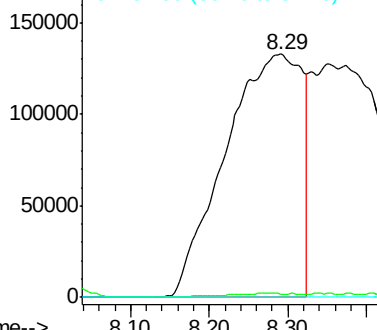
43 100

61 0.0 14.9 22.3#

87 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#49

1,4-Dioxane

Concen: 0.42 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

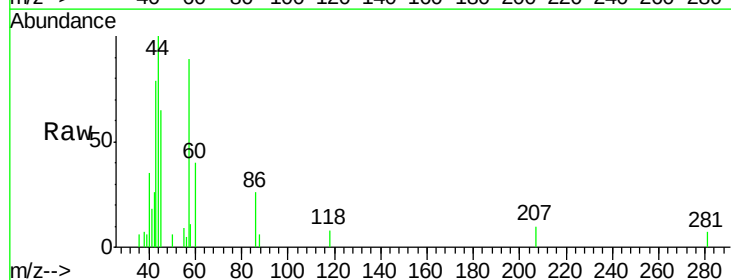
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

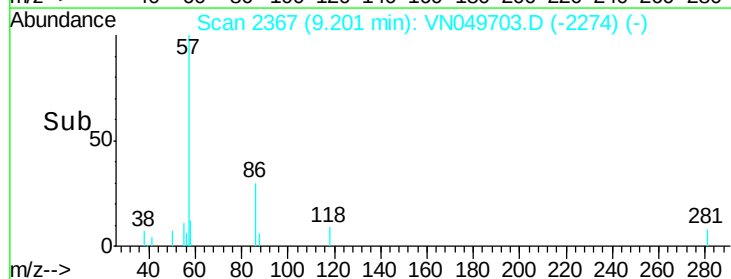
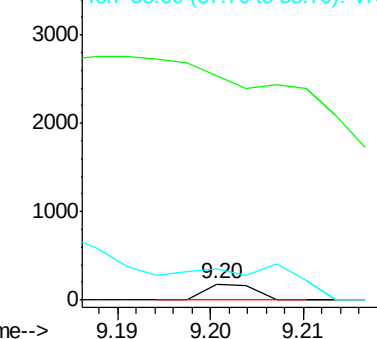
88 100

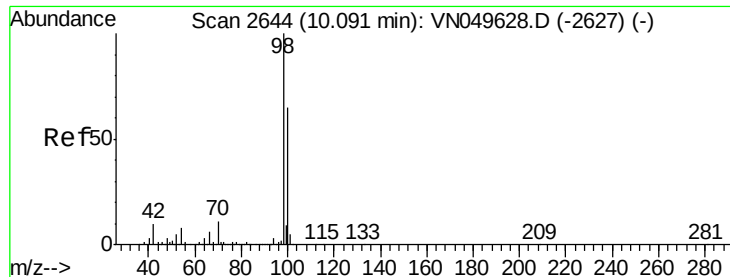
43 0.0 25.1 37.7#

58 0.0 52.5 78.7#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

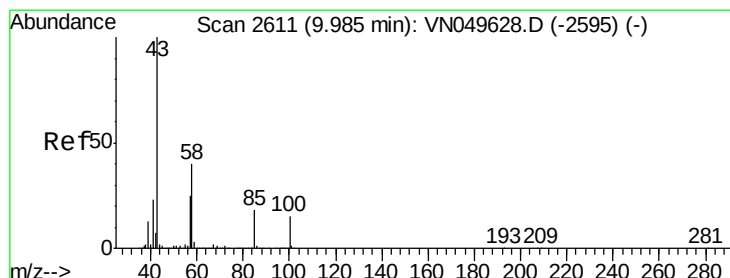
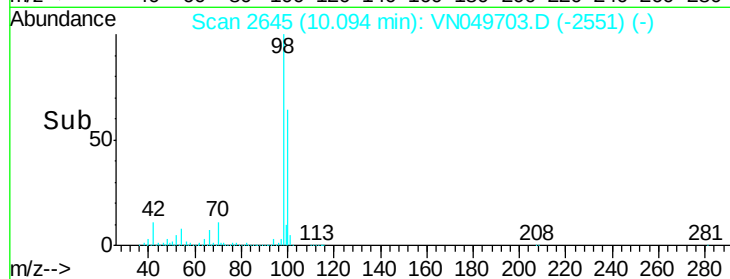
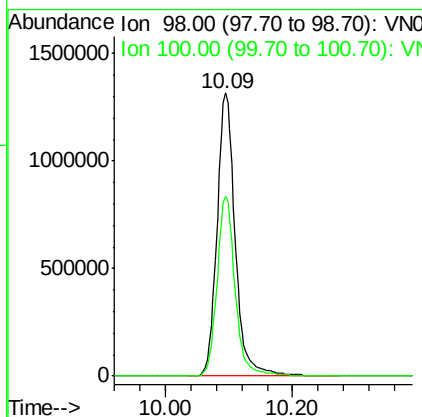
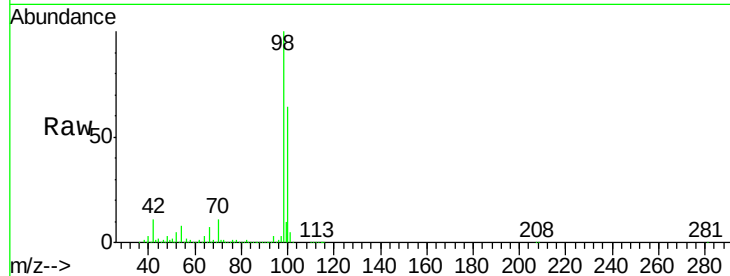




#50
Toluene-d8
Concen: 45.27 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

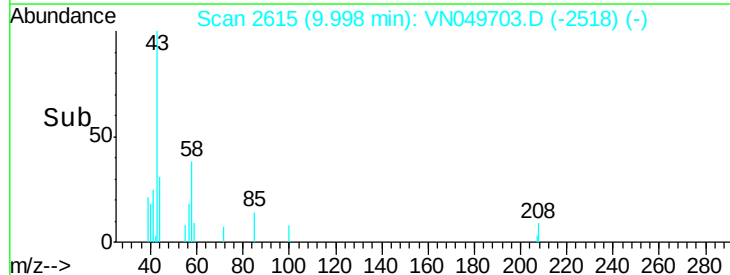
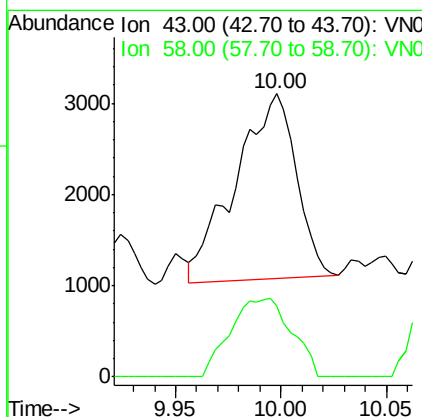
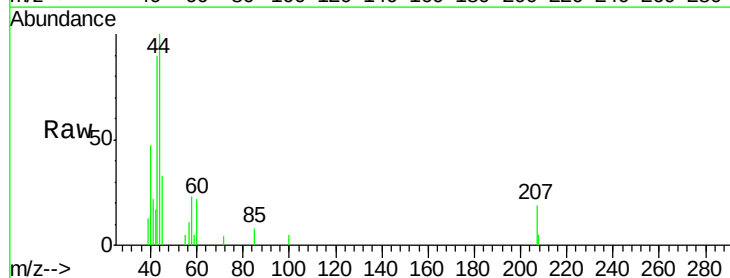
Instrument :
MSVOA_N
ClientSampled :

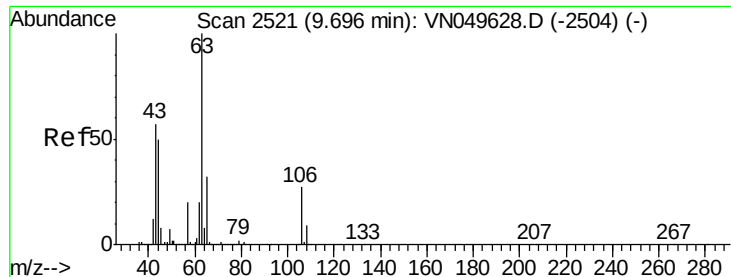
Tot Ion: 98 Resp: 2610952
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 10.00 min Scan# 2615
Delta R.T. 0.01 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

Tgt Ion: 43 Resp: 4046
Ion Ratio Lower Upper
43 100
58 42.7 31.8 47.8





#58

2-Chloroethyl Vinyl ether

Concen: 10.83 ug/l

RT: 9.68 min Scan# 2515

Delta R.T. -0.02 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

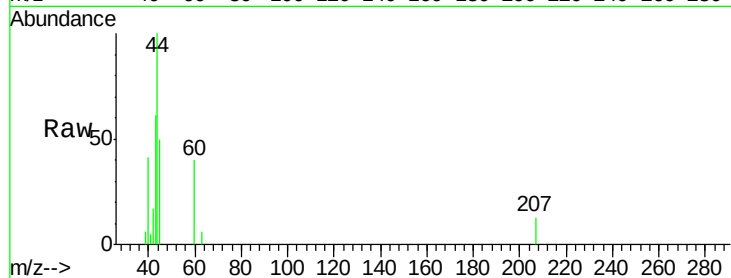
ClientSampleId :

Tot Ion: 63 Resp: 64

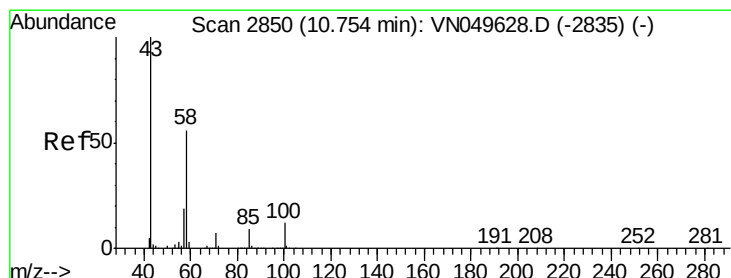
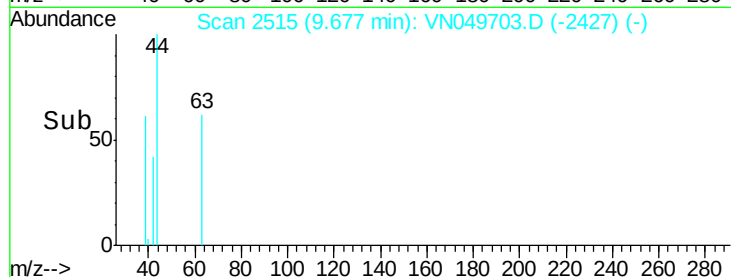
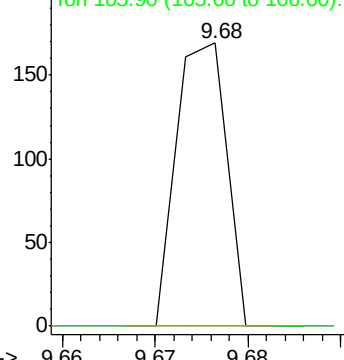
Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0



#59

2-Hexanone

Concen: 0.78 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. -0.00 min

Lab File: VN049703.D

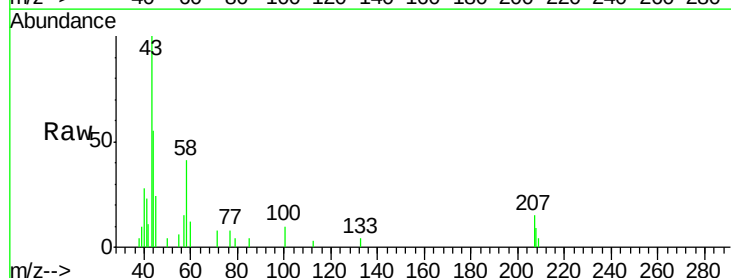
Acq: 3 Jul 2018 19:23

Tgt Ion: 43 Resp: 6566

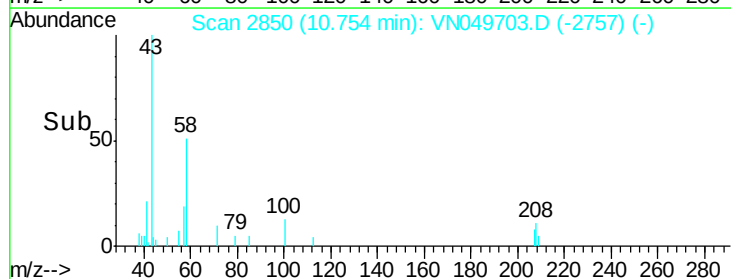
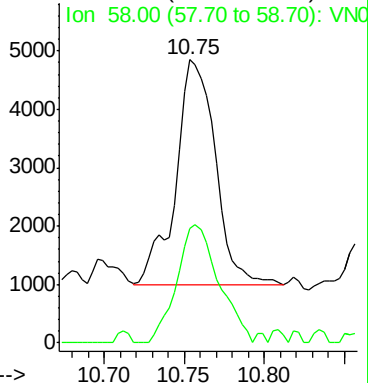
Ion Ratio Lower Upper

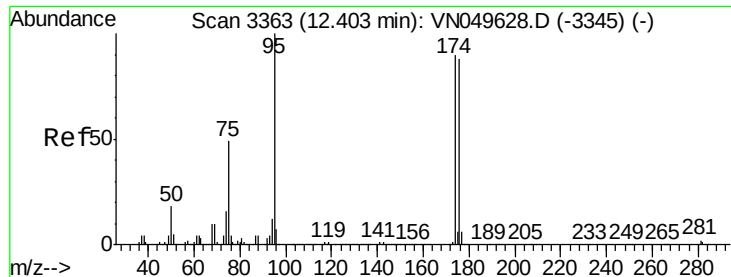
43 100

58 55.2 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN0





#62

4-Bromofluorobenzene

Concen: 38.65 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

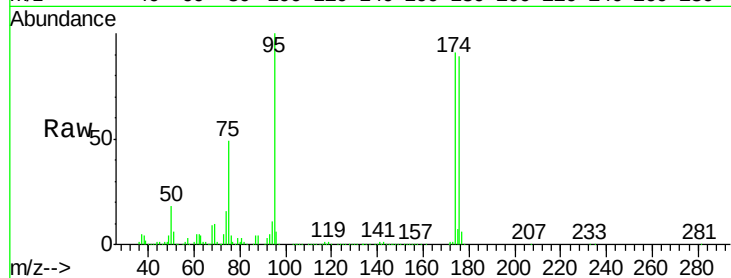
Tot Ion: 95 Resp: 761060

Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.6

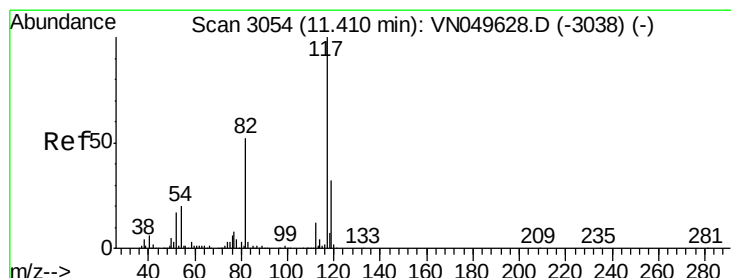
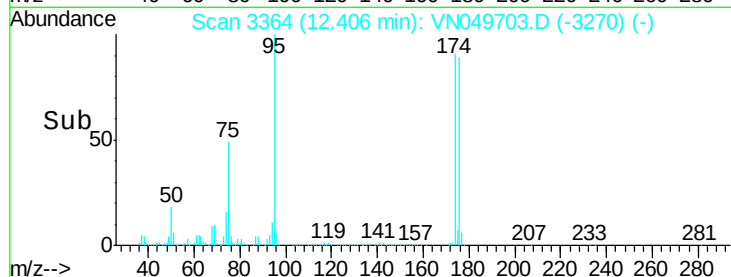
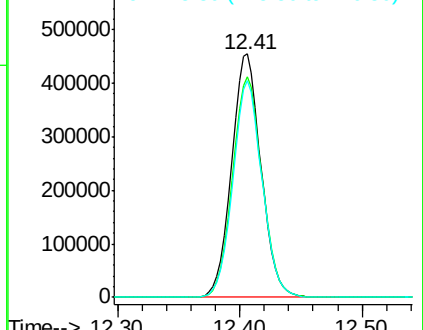
176 87.8 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049628.D (-3345) (-)

Ion 173.80 (173.50 to 174.50): VN049628.D (-3345) (-)

Ion 175.80 (175.50 to 176.50): VN049628.D (-3345) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

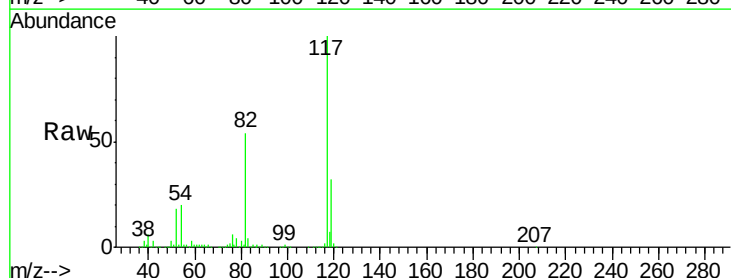
Tgt Ion: 117 Resp: 1627618

Ion Ratio Lower Upper

117 100

82 53.5 41.9 62.9

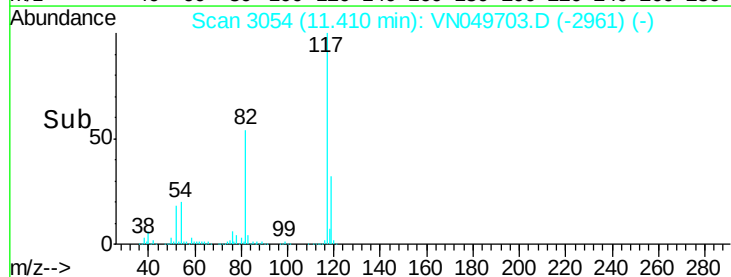
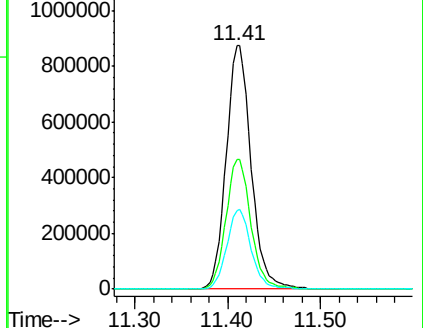
119 32.5 25.4 38.2

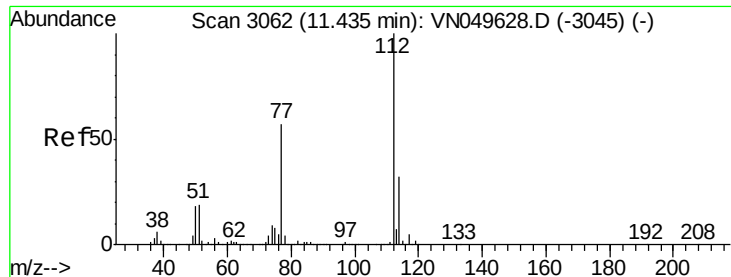


Abundance Ion 116.90 (116.60 to 117.60): VN049628.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049628.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049628.D (-3038) (-)

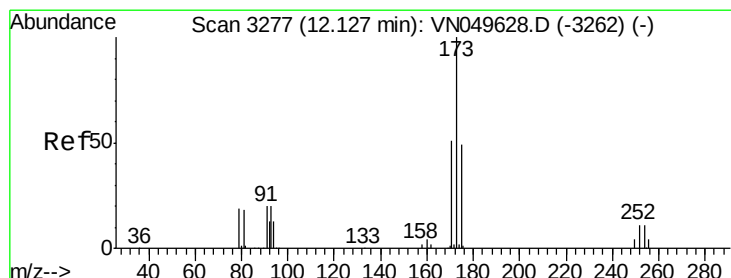
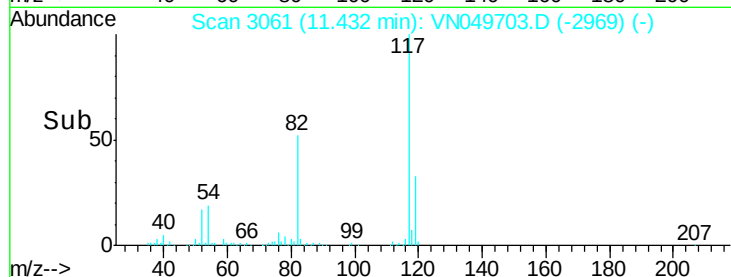
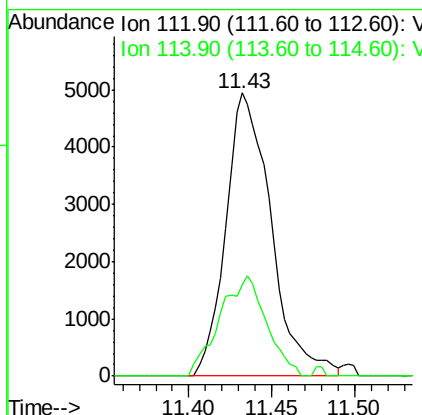
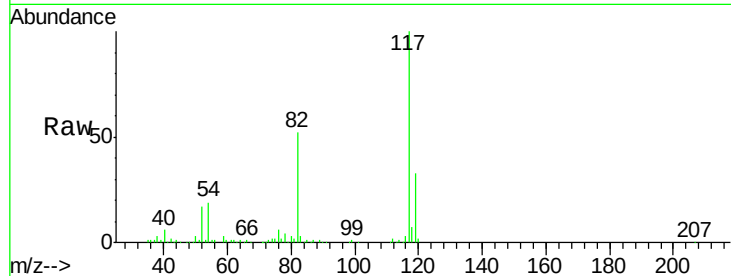




#65
Chlorobenzene
Concen: 0.22 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

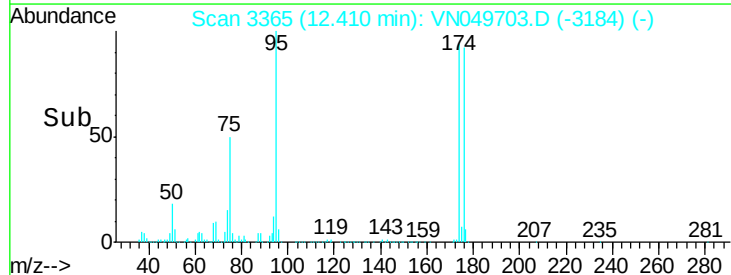
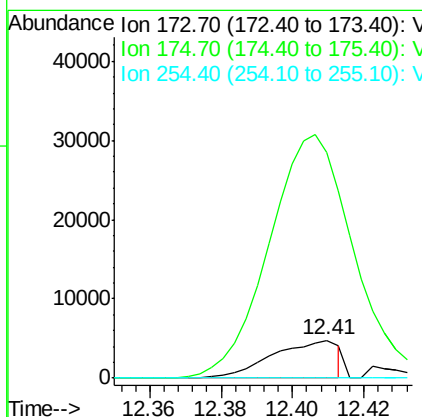
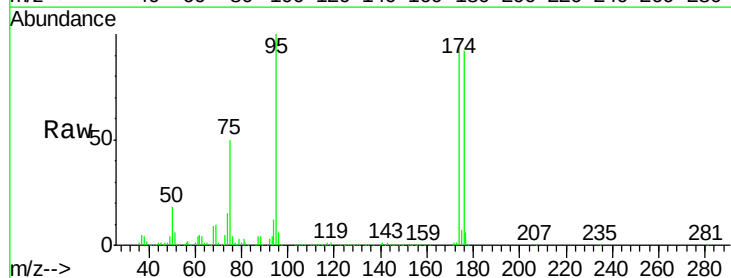
Instrument :
MSVOA_N
ClientSampled :

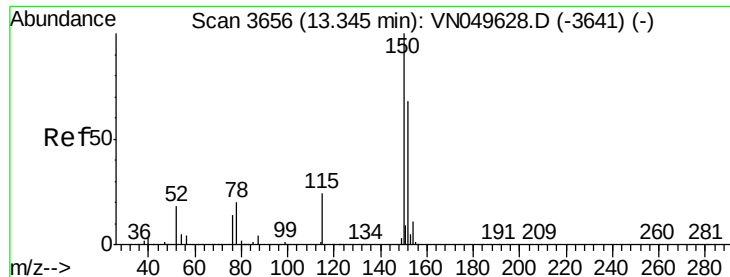
Tot Ion:112 Resp: 9396
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



#71
Bromoform
Concen: 0.61 ug/l
RT: 12.41 min Scan# 3365
Delta R.T. 0.28 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

Tgt Ion:173 Resp: 6180
Ion Ratio Lower Upper
173 100
175 647.8 24.6 73.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampled :

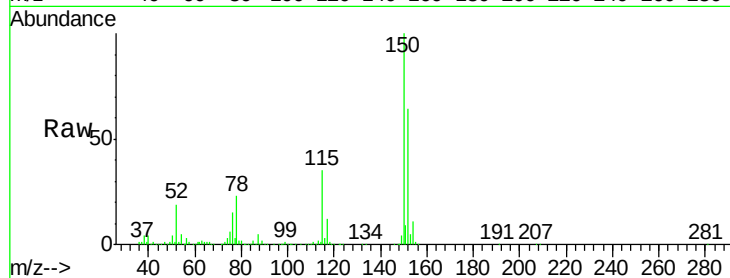
Tot Ion:152 Resp: 636522

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.2

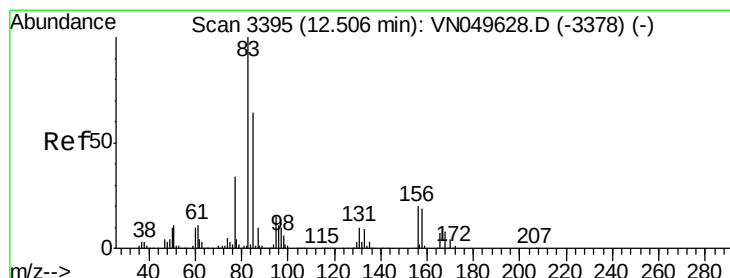
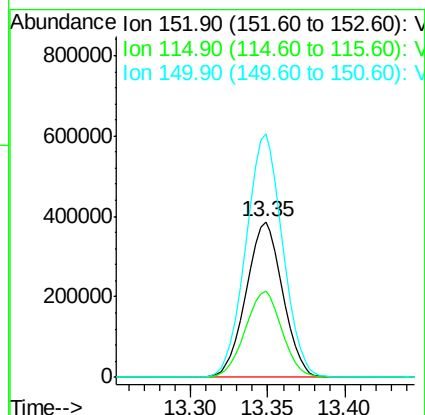
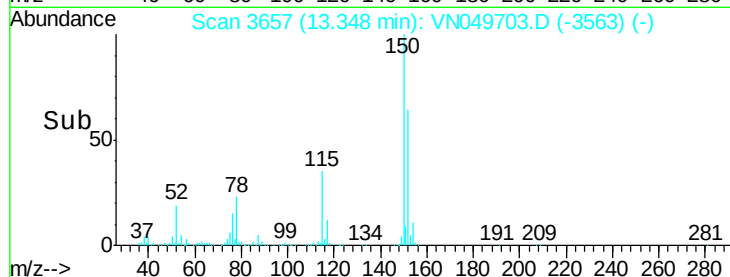
150 157.3 0.0 347.6



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: 12.52 min Scan# 3399

Delta R.T. 0.01 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

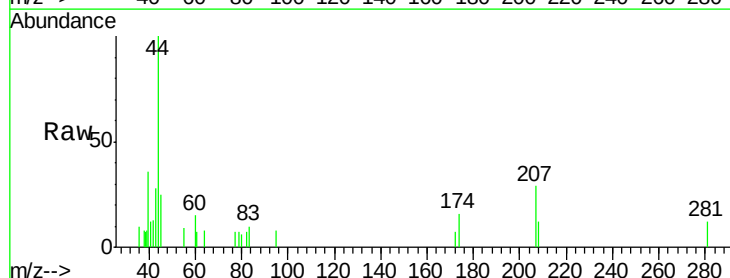
Tgt Ion: 83 Resp: 190

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

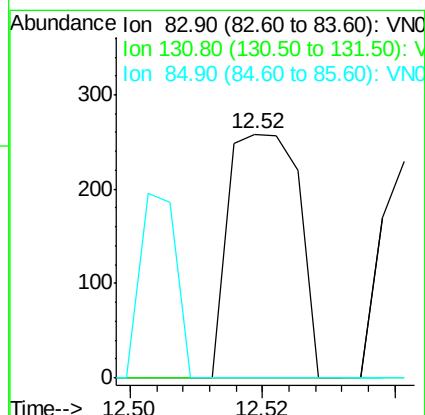
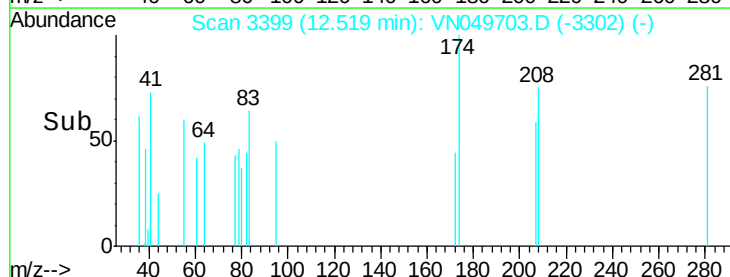
85 38.9 32.5 97.4

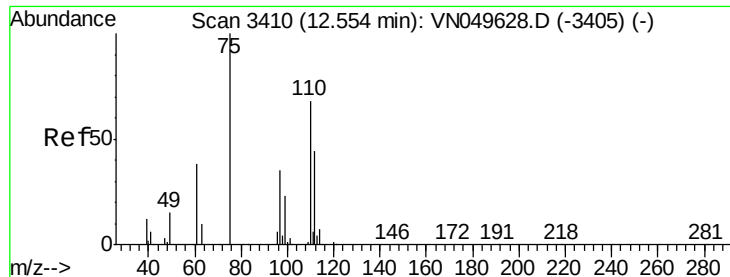


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 36.72 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

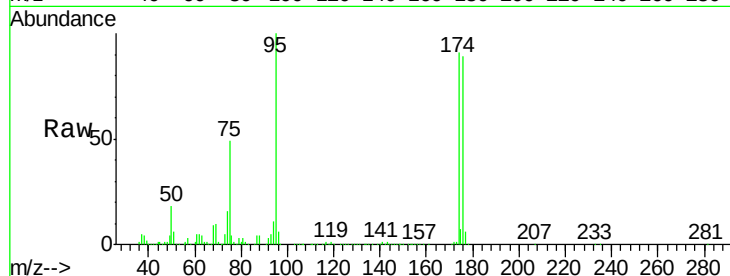
ClientSampled :

Tot Ion: 75 Resp: 374841

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.41

200000

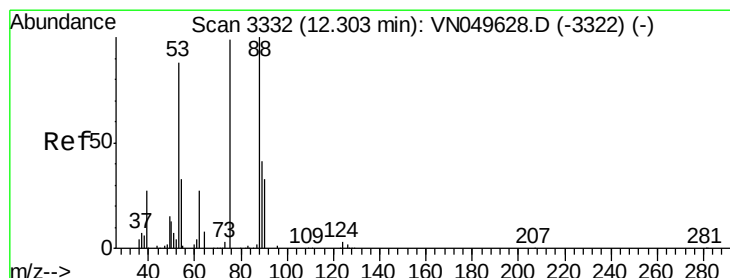
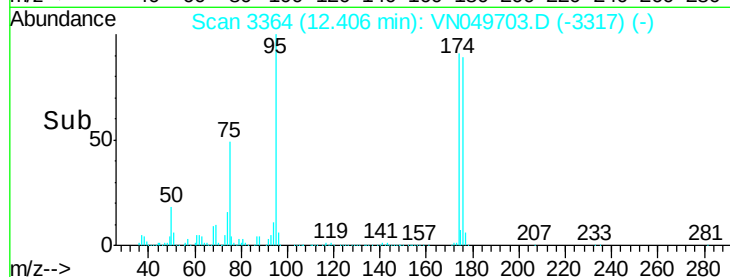
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 124.71 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

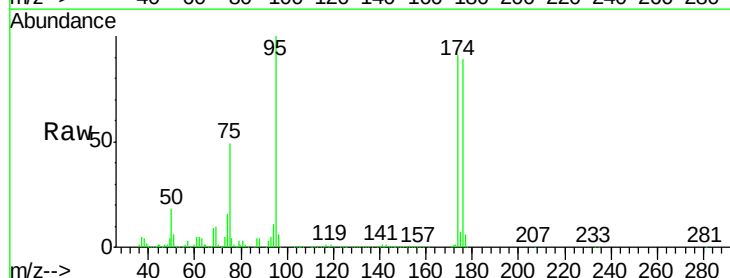
Tgt Ion: 75 Resp: 374841

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

89 0.1 35.9 53.9#



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

12.41

300000

250000

200000

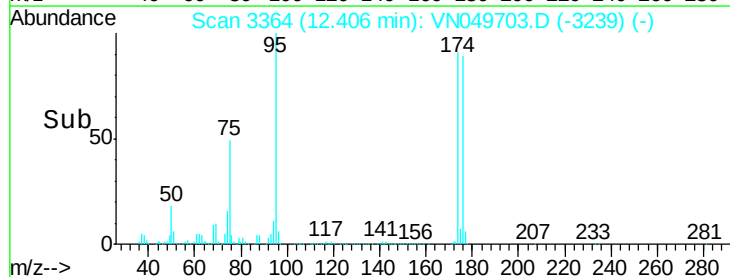
150000

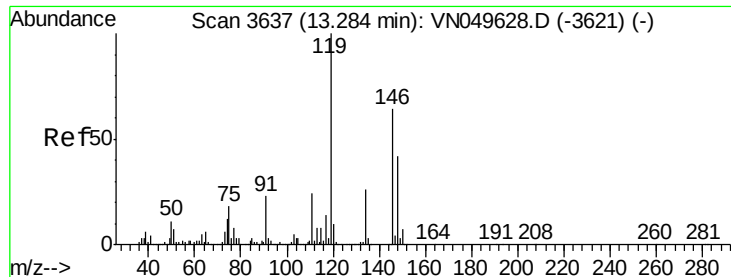
100000

50000

0

Time-->

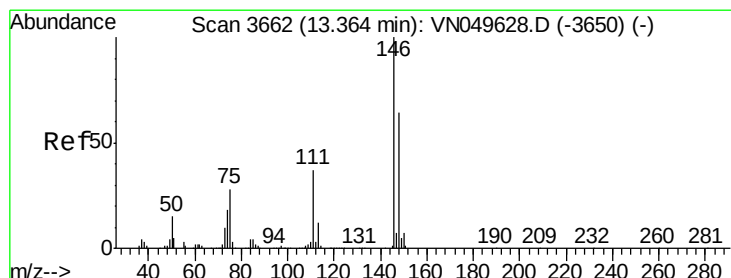
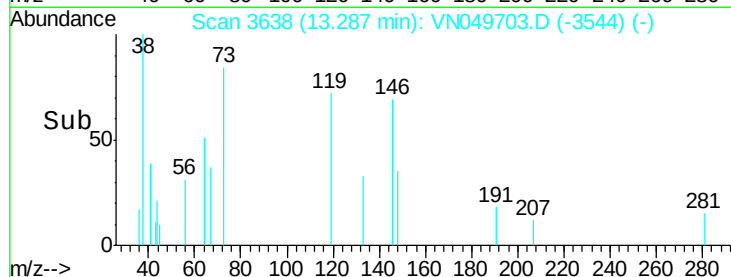
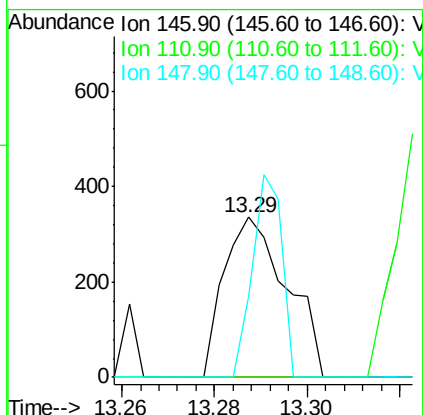
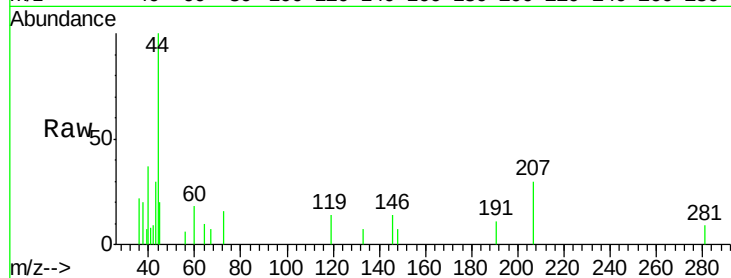




#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049703.D
 Acq: 3 Jul 2018 19:23

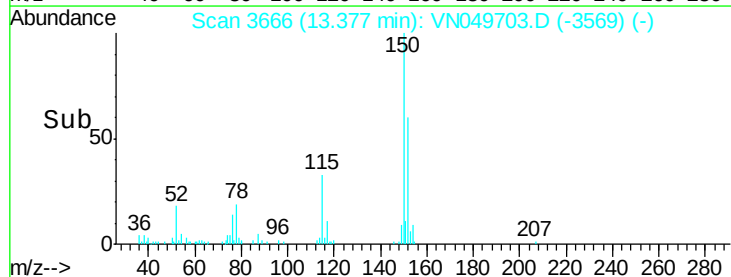
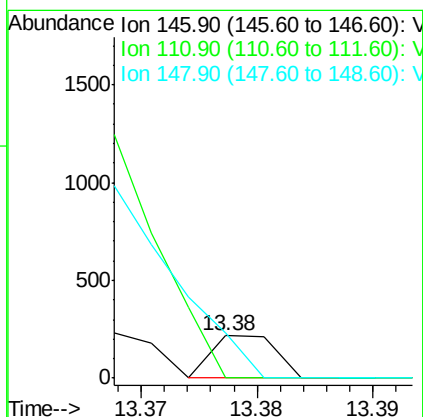
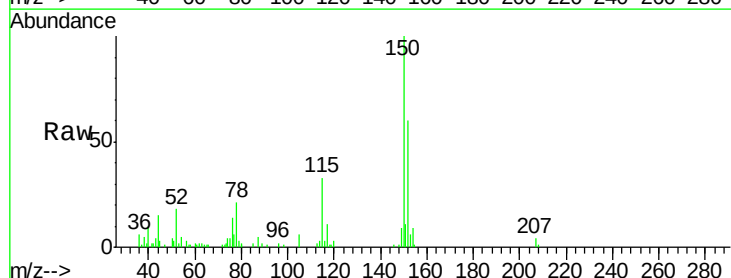
Instrument :
 MSVOA_N
 ClientSampled :

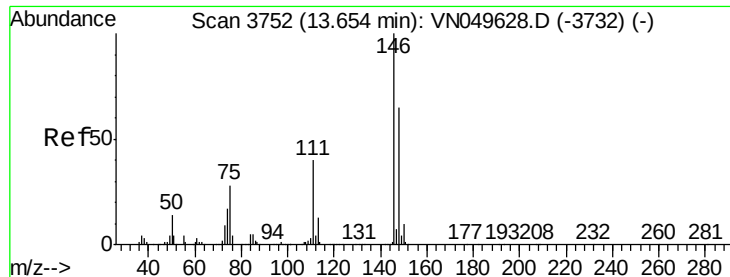
Tot Ion:146 Resp: 317
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.0 57.0#
 148 59.0 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.38 min Scan# 3666
 Delta R.T. 0.01 min
 Lab File: VN049703.D
 Acq: 3 Jul 2018 19:23

Tgt Ion:146 Resp: 83
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.9 56.5#
 148 0.0 32.1 96.3#





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.64 min Scan# 3748

Delta R.T. -0.01 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampled :

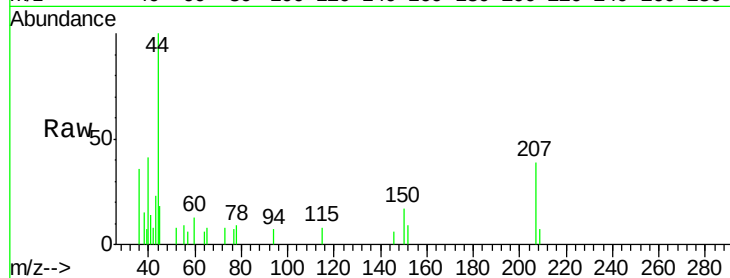
Tot Ion:146 Resp: 60

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.1#

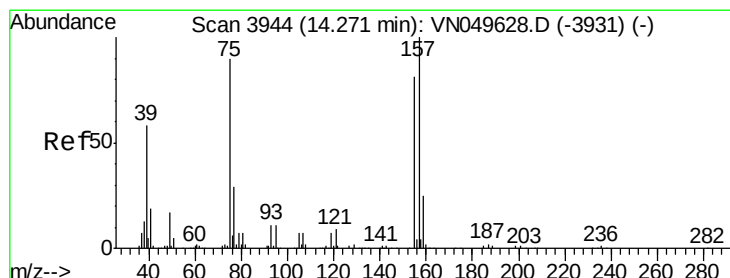
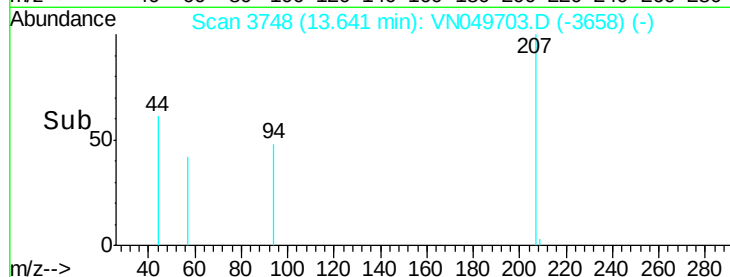
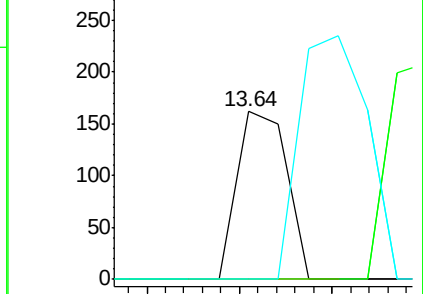
148 200.0 32.0 96.2#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3942

Delta R.T. -0.01 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

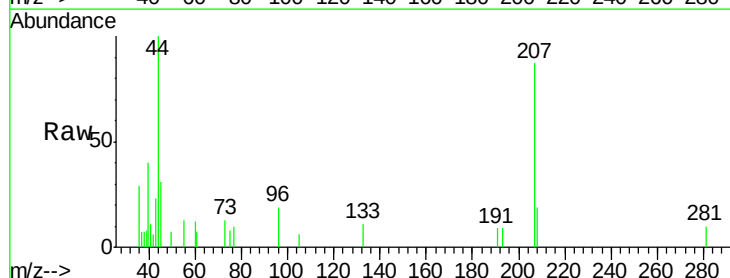
Tgt Ion: 75 Resp: 182

Ion Ratio Lower Upper

75 100

155 0.0 45.7 137.1#

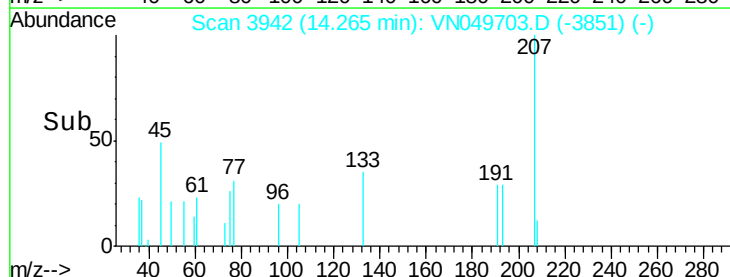
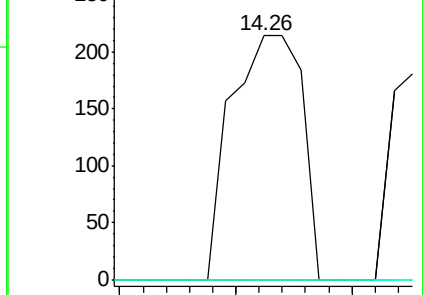
157 0.0 56.9 170.7#

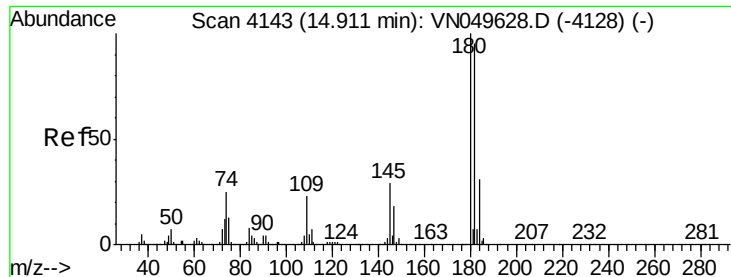


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

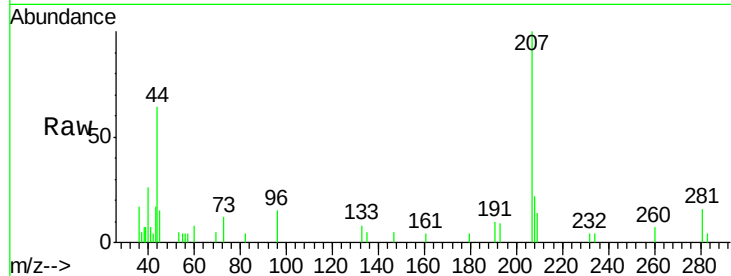




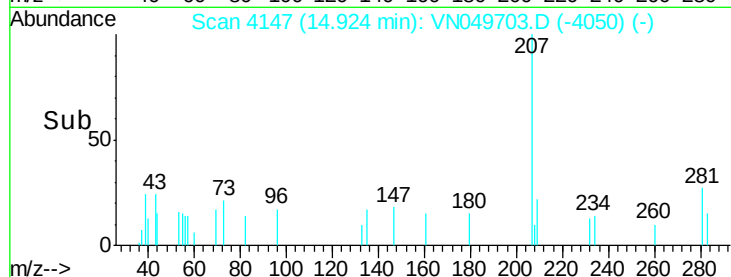
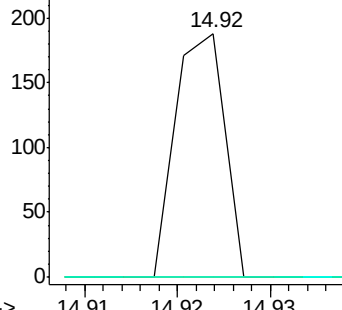
#93
 1,2,4-Trichlorobenzene
 Concen: 2.41 ug/l
 RT: 14.92 min Scan# 4147
 Delta R.T. 0.01 min
 Lab File: VN049703.D
 Acq: 3 Jul 2018 19:23

Instrument :
 MSVOA_N
 ClientSampled :

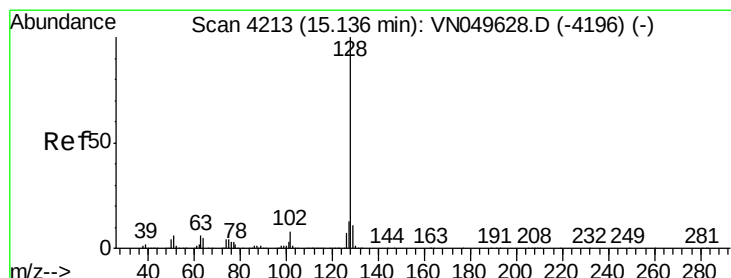
Tot Ion:180 Resp: 69
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.9#
 145 0.0 14.4 43.0#



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

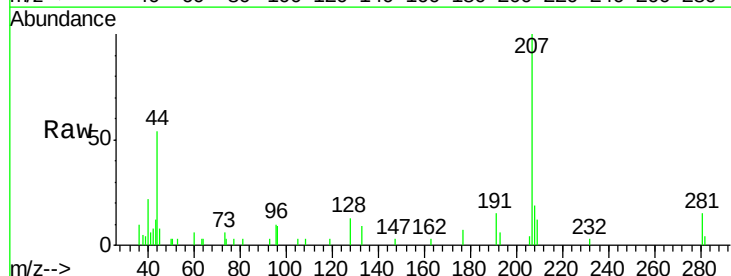


Time-->

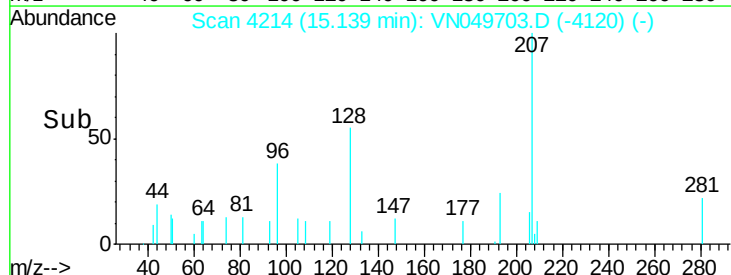
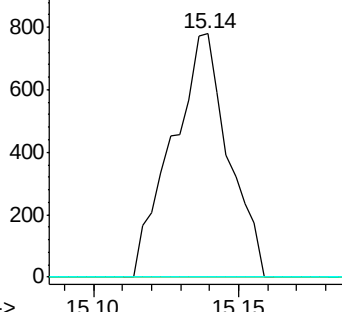


#95
 Naphthalene
 Concen: 4.08 ug/l
 RT: 15.14 min Scan# 4214
 Delta R.T. 0.00 min
 Lab File: VN049703.D
 Acq: 3 Jul 2018 19:23

Tgt Ion:128 Resp: 1049
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.4 15.6#
 129 0.0 8.6 13.0#



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



Time-->