

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049665.D
 Acq On : 2 Jul 2018 13:26
 Operator : MD\SY
 Sample : J3752-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Quant Time: Jul 03 03:45:40 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	1382440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2118289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1765976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	664683	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	881234	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
35) Dibromofluoromethane	7.59	113	769780	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
50) Toluene-d8	10.09	98	2903895	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	12.40	95	829618	39.20	ug/l	0.00
Spiked Amount			Recovery	=	78.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	96984	4.64	ug/l	98
6) Chloroethane	2.70	64	220250	16.65	ug/l	98
11) Tert butyl alcohol	4.81	59	2719	2.60	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	451001	27.78	ug/l	98
13) Acrolein	3.61	56	1591	1.63	ug/l #	60
16) Acetone	3.82	43	23841	Below	Cal	96
17) Carbon Disulfide	4.05	76	13452	Below	Cal #	92
18) Methyl Acetate	4.33	43	51722	Below	Cal	96
20) Methylene Chloride	4.55	84	23824	1.27	ug/l	97
24) 1,1-Dichloroethane	5.85	63	191909	6.04	ug/l	98
25) 2-Butanone	6.86	43	3709	0.61	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	64460	3.45	ug/l	89
29) Tetrahydrofuran	7.22	42	2003	0.52	ug/l #	74
31) Cyclohexane	7.67	56	26062	0.22	ug/l #	14
36) 1,1-Dichloropropene	7.67	75	92480	3.88	ug/l #	48
38) Carbon Tetrachloride	7.67	117	119495	5.15	ug/l #	16
40) Benzene	8.05	78	16766	0.23	ug/l #	89
42) 1,2-Dichloroethane	8.13	62	35179	1.51	ug/l	99
43) Isopropyl Acetate	8.14	43	34321	0.67	ug/l #	77
44) Trichloroethene	8.83	130	5283	0.24	ug/l	92
49) 1,4-Dioxane	9.20	88	89773	540.59	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	4013	0.29	ug/l #	80
58) 2-Chloroethyl Vinyl ether	9.71	63	294	10.85	ug/l #	48
59) 2-Hexanone	10.76	43	9885	1.10	ug/l	72
74) N-amyl acetate	12.07	43	3225	0.22	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.51	83	1281	Below	Cal #	52
76) 1,2,3-Trichloropropane	12.40	75	402740	37.78	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	402740	128.32	ug/l #	18
82) 4-Chlorotoluene	12.78	91	8311	0.22	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	6191	Below	Cal	98
88) 1,4-Dichlorobenzene	13.28	146	6191	Below	Cal	98
89) n-Butylbenzene	13.62	91	7477	0.20	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	7421	Below	Cal	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1129	Below	Cal #	44

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

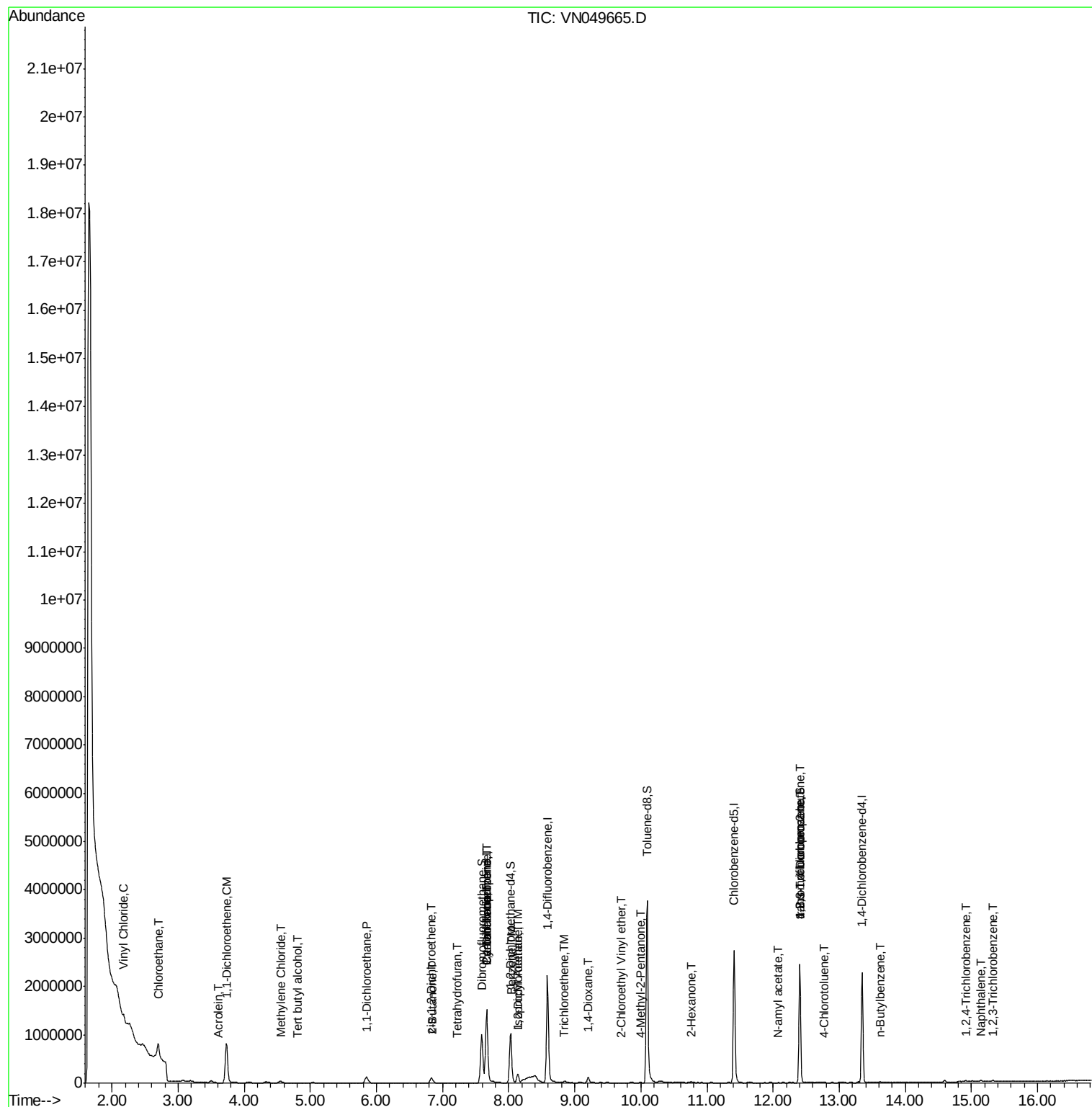
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	7215	2.97	ug/l	97
94) Hexachlorobutadiene	15.02	225	2870	Below Cal		89
95) Naphthalene	15.14	128	20809	4.75	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.32	180	8730	2.37	ug/l	92

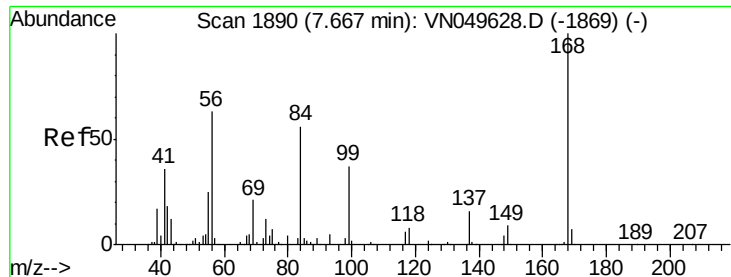
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070218\
Data File : VN049665.D
Acq On : 2 Jul 2018 13:26
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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampled :

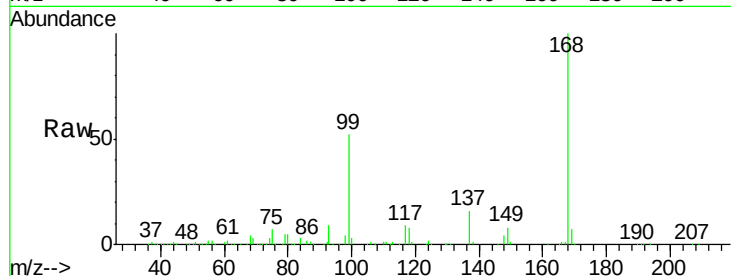
MW-1DL

Tot Ion:168 Resp: 1382440

Ion Ratio Lower Upper

168 100

99 51.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

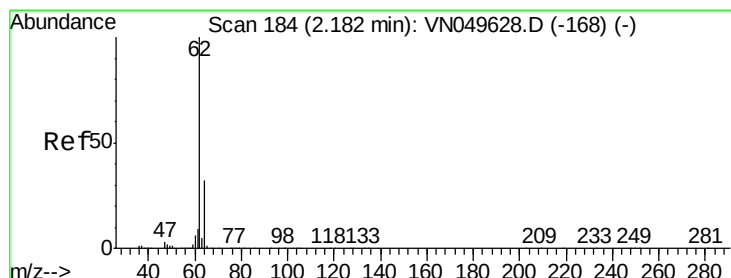
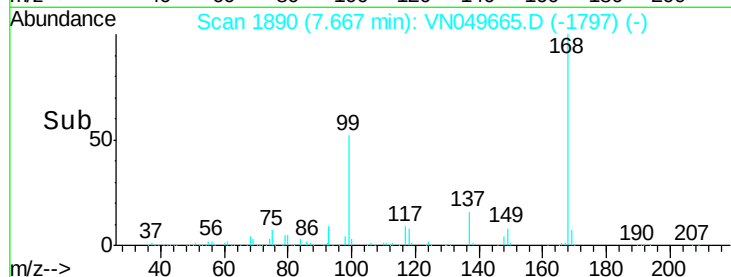
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#4

Vinyl Chloride

Concen: 4.64 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049665.D

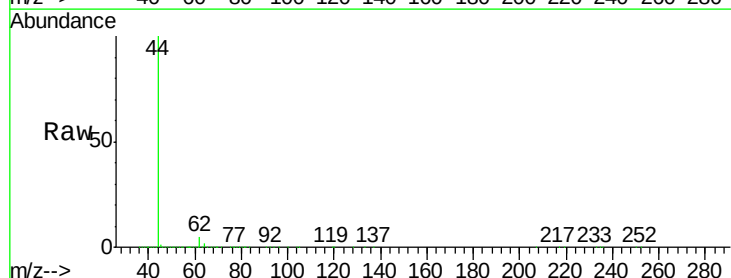
Acq: 2 Jul 2018 13:26

Tgt Ion: 62 Resp: 96984

Ion Ratio Lower Upper

62 100

64 30.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

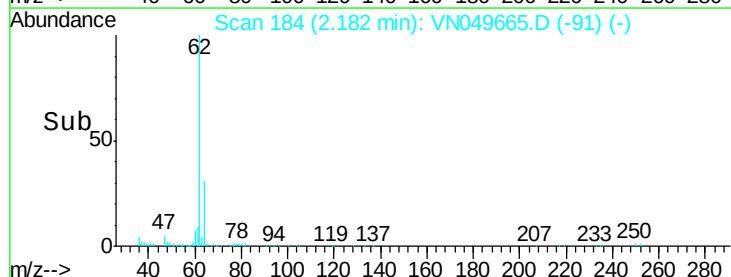
60000

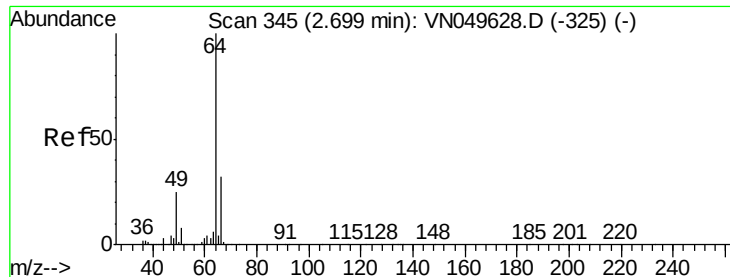
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#6

Chloroethane

Concen: 16.65 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

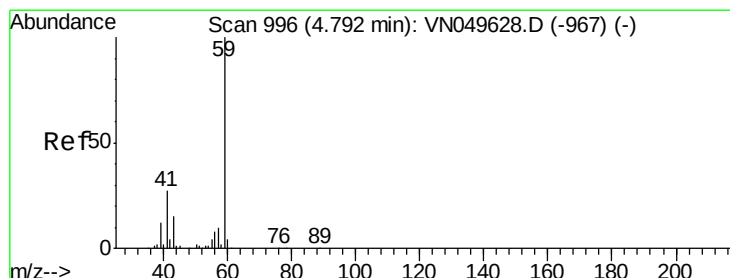
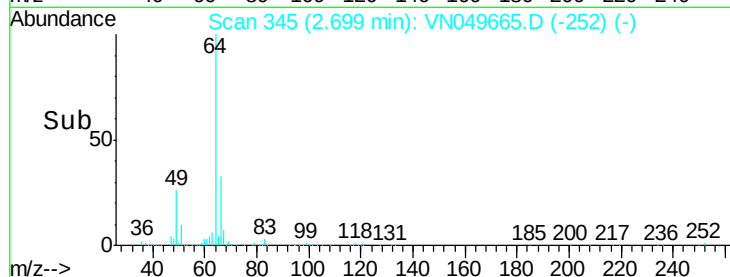
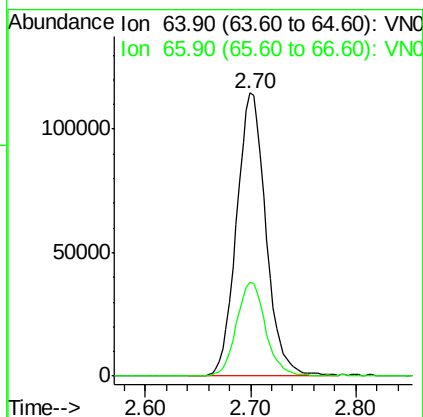
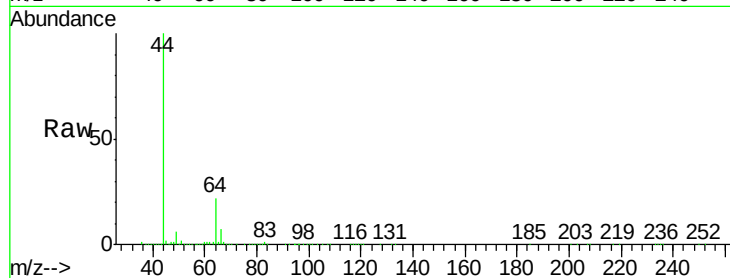
MW-1DL

Tot Ion: 64 Resp: 220250

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4



#11

Tert butyl alcohol

Concen: 2.60 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN049665.D

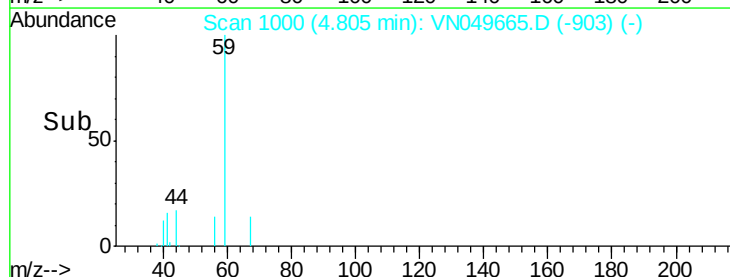
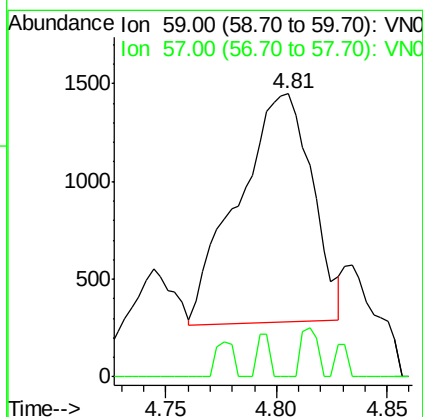
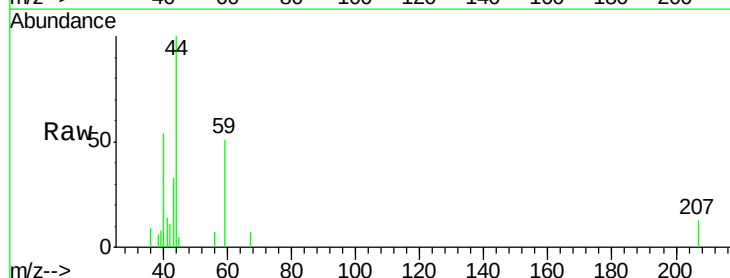
Acq: 2 Jul 2018 13:26

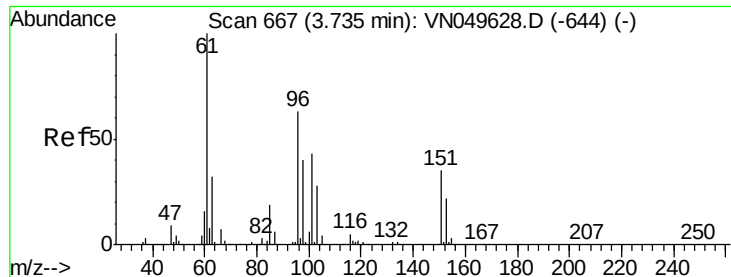
Tgt Ion: 59 Resp: 2719

Ion Ratio Lower Upper

59 100

57 4.8 8.5 12.7#





#12

1,1-Dichloroethene

Concen: 27.78 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

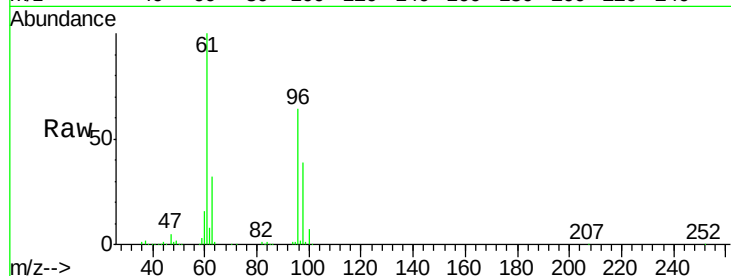
Tot Ion: 96 Resp: 451001

Ion Ratio Lower Upper

96 100

61 156.4 126.5 189.7

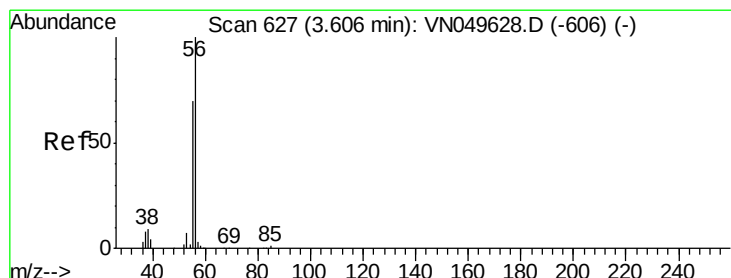
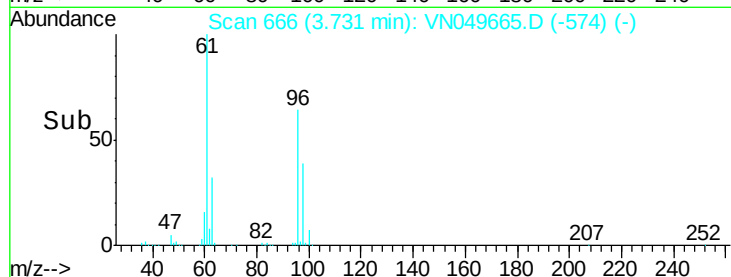
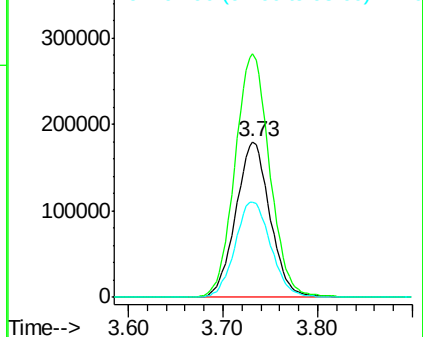
98 61.5 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#13

Acrolein

Concen: 1.63 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049665.D

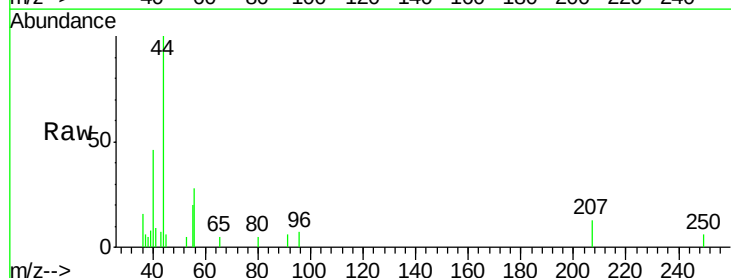
Acq: 2 Jul 2018 13:26

Tgt Ion: 56 Resp: 1591

Ion Ratio Lower Upper

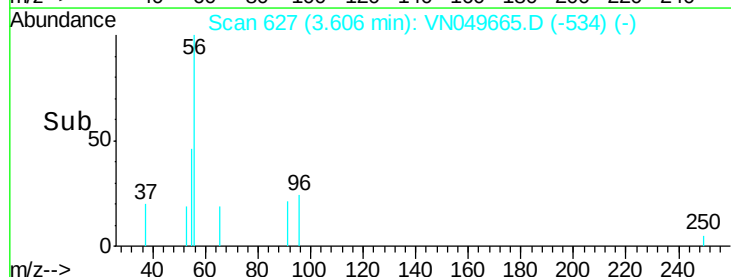
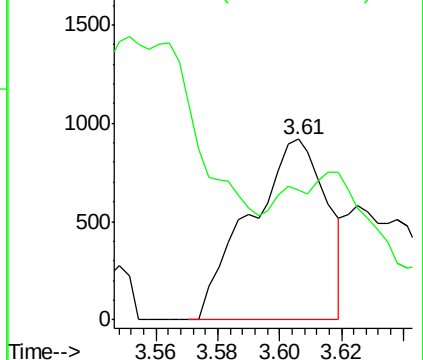
56 100

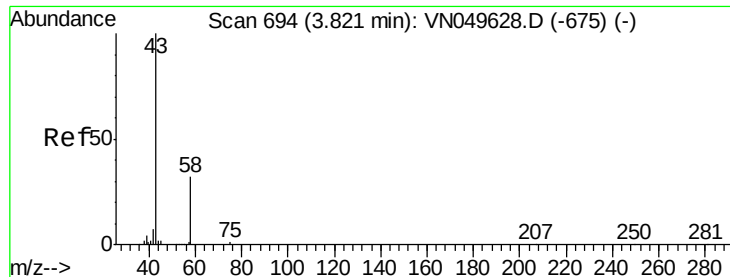
55 103.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

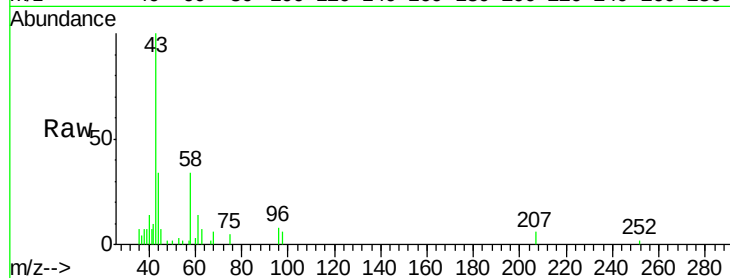
MW-1DL

Tot Ion: 43 Resp: 23841

Ion Ratio Lower Upper

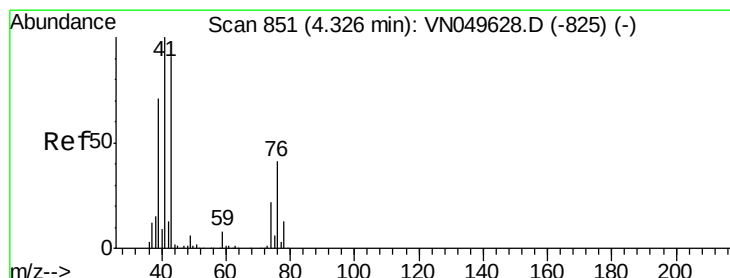
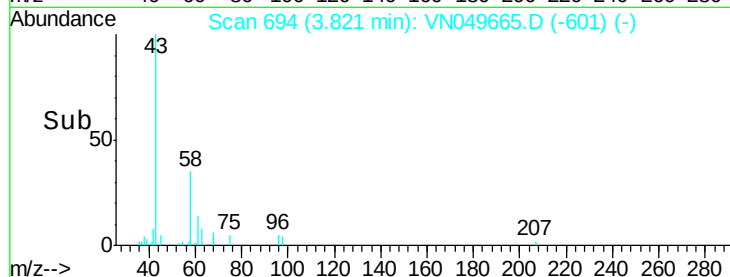
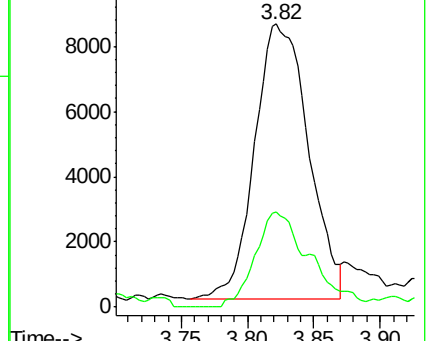
43 100

58 34.6 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-675) (-)

Ion 58.00 (57.70 to 58.70): VN049628.D (-675) (-)



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049665.D

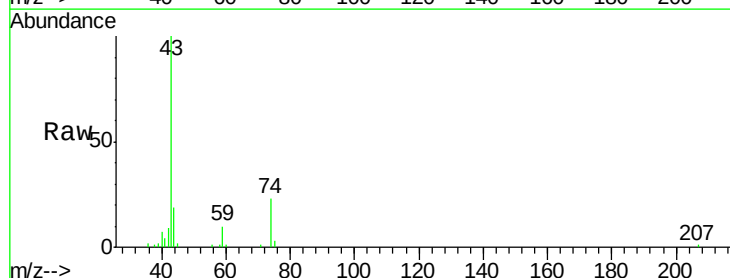
Acq: 2 Jul 2018 13:26

Tgt Ion: 43 Resp: 51722

Ion Ratio Lower Upper

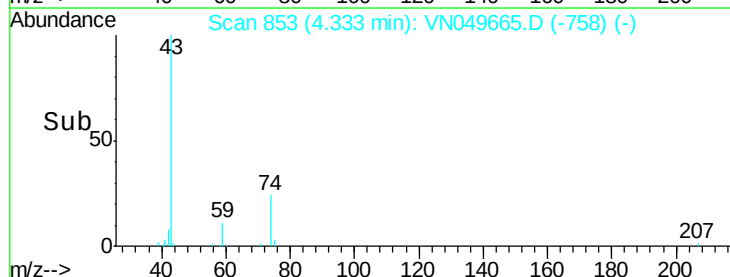
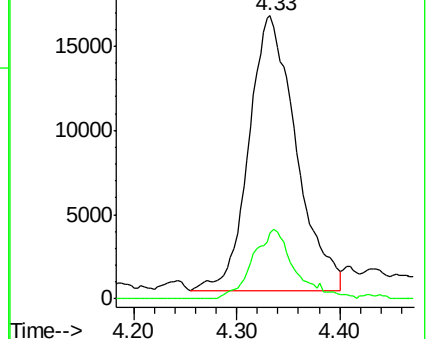
43 100

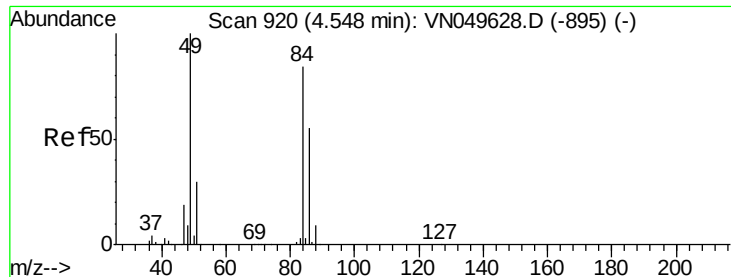
74 22.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-825) (-)

Ion 74.00 (73.70 to 74.70): VN049628.D (-825) (-)

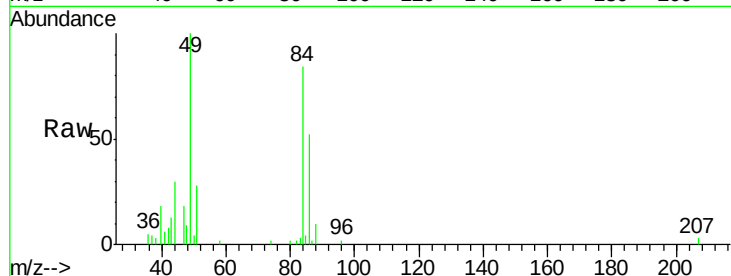




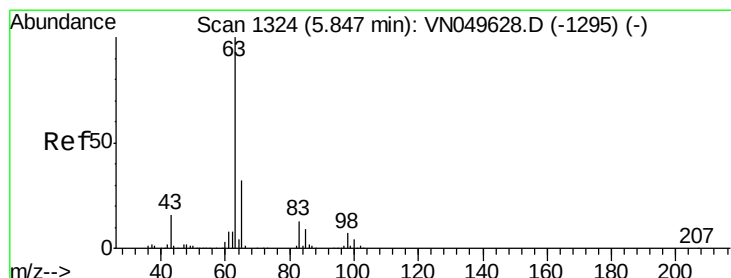
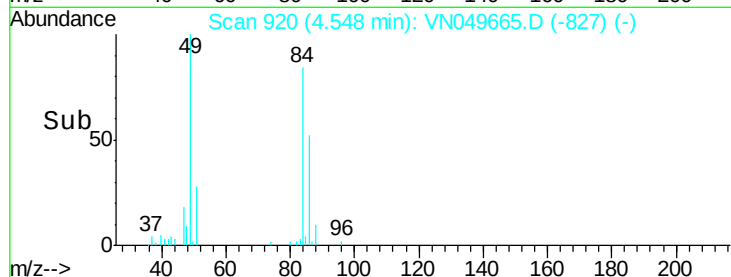
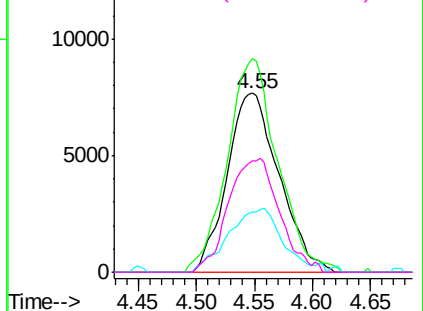
#20
Methvlene Chloride
Concen: 1.27 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049665.D
Acq: 2 Jul 2018 13:26

Instrument :
MSVOA_N
ClientSampled :
MW-1DL

Tot Ion: 84 Resp: 23824
Ion Ratio Lower Upper
84 100
49 117.0 95.4 143.2
51 33.3 28.4 42.6
86 61.9 52.6 79.0

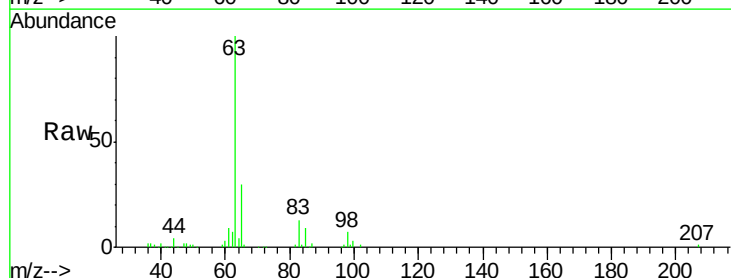


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

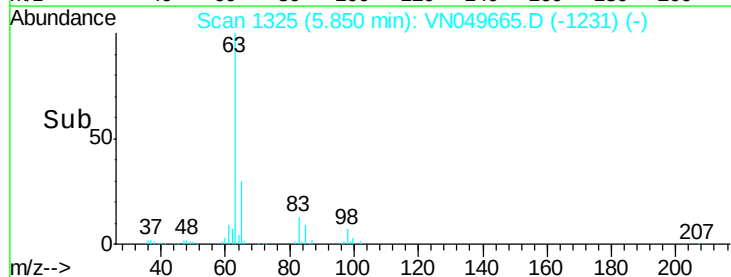
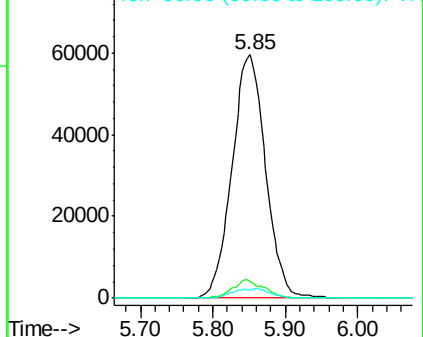


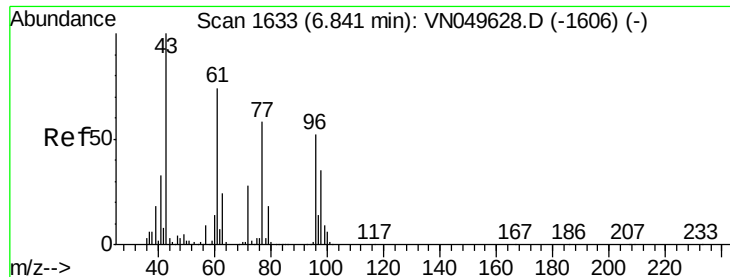
#24
1,1-Dichloroethane
Concen: 6.04 ug/l
RT: 5.85 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VN049665.D
Acq: 2 Jul 2018 13:26

Tgt Ion: 63 Resp: 191909
Ion Ratio Lower Upper
63 100
98 7.2 3.4 10.2
100 3.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0

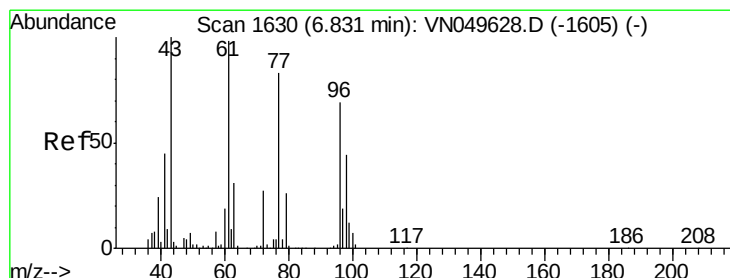
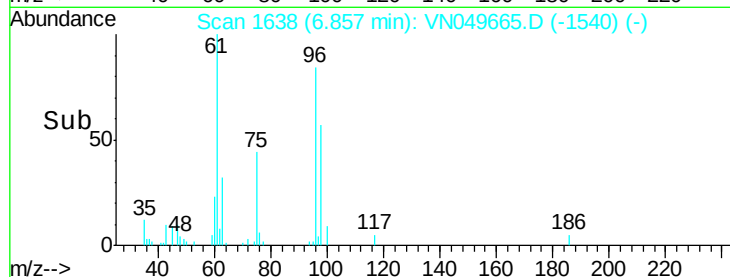
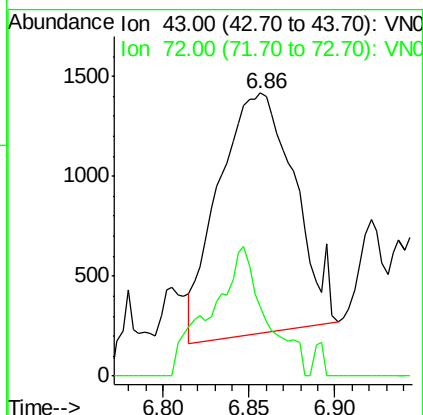
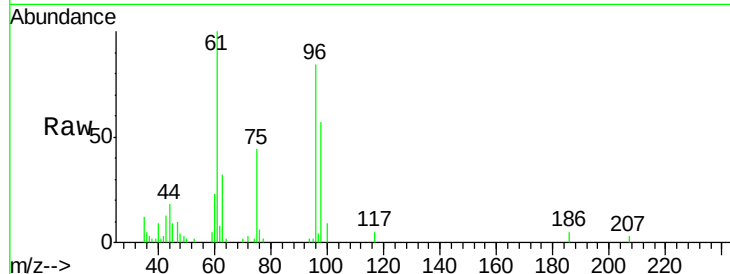




#25
 2-Butanone
 Concen: 0.61 ug/l
 RT: 6.86 min Scan# 1638
 Delta R.T. 0.02 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

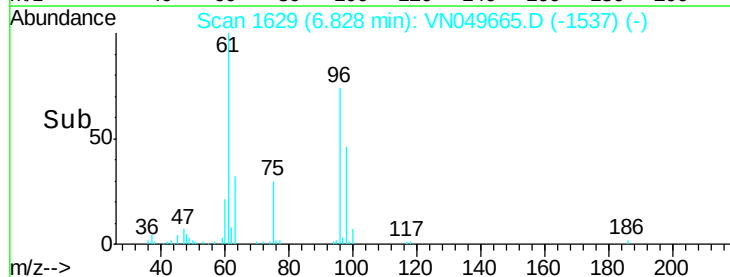
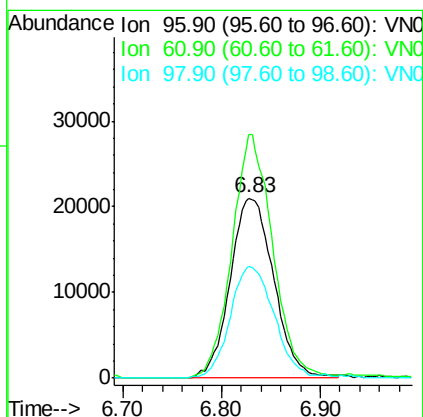
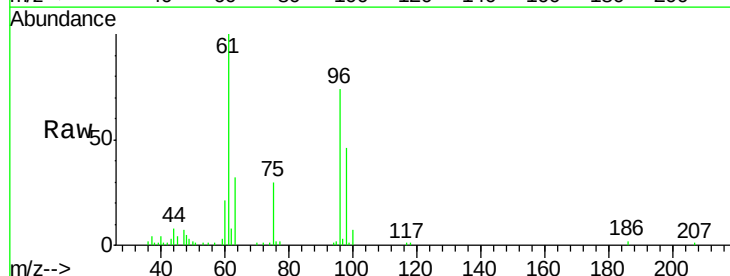
Instrument :
 MSVOA_N
 ClientSampled :
 MW-1DL

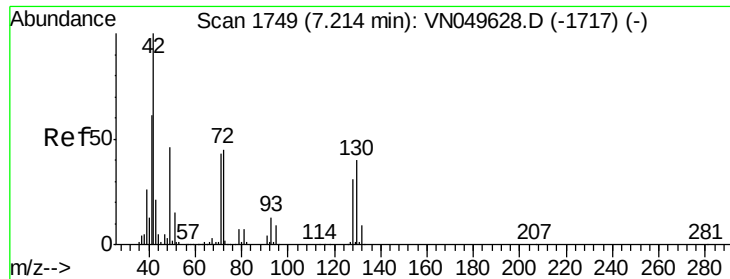
Tot Ion: 43 Resp: 3709
 Ion Ratio Lower Upper
 43 100
 72 30.1 22.1 33.1



#27
 cis-1,2-Dichloroethene
 Concen: 3.45 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

Tgt Ion: 96 Resp: 64460
 Ion Ratio Lower Upper
 96 100
 61 126.3 0.0 289.0
 98 62.6 0.0 130.2





#29

Tetrahydrofuran

Concen: 0.52 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

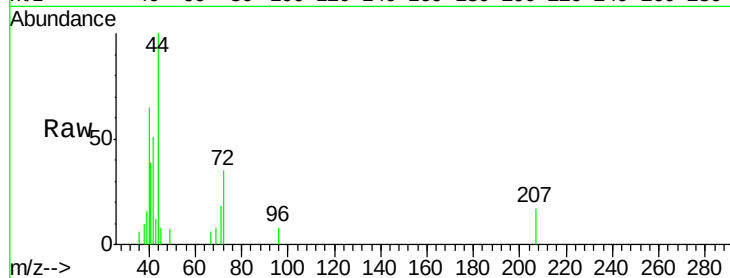
Tot Ion: 42 Resp: 2003

Ion Ratio Lower Upper

42 100

72 57.7 35.6 53.4#

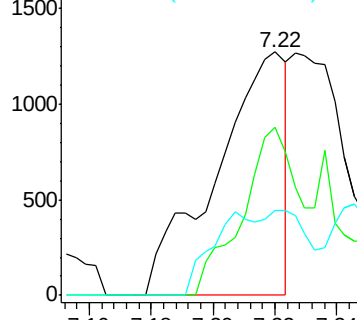
71 21.9 34.0 51.0#



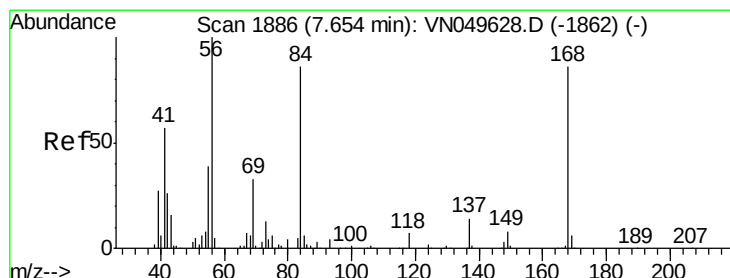
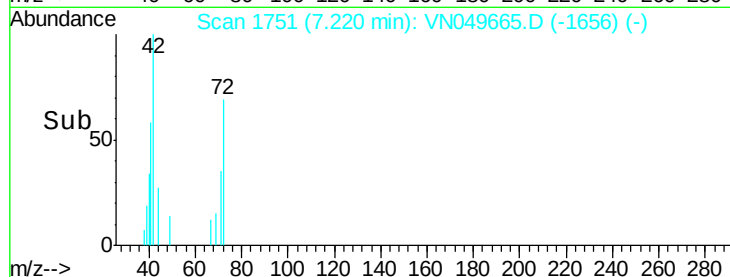
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->



#31

Cyclohexane

Concen: 0.22 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

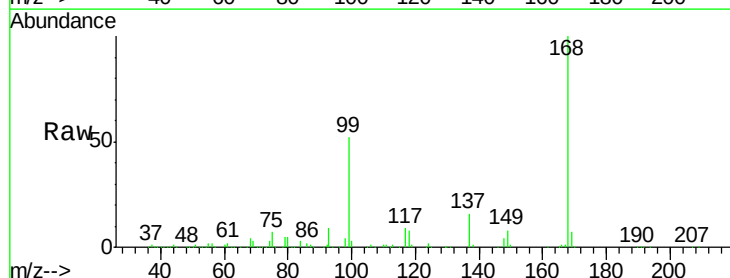
Tgt Ion: 56 Resp: 26062

Ion Ratio Lower Upper

56 100

69 144.8 26.6 40.0#

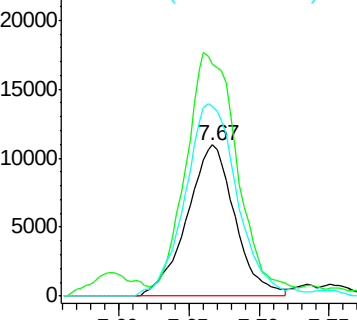
84 126.1 69.0 103.6#



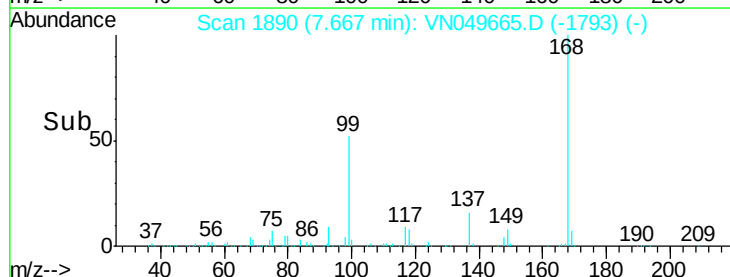
Abundance Ion 56.00 (55.70 to 56.70): VN0

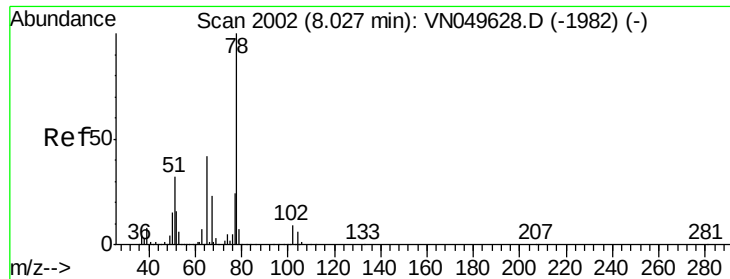
Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



Time-->

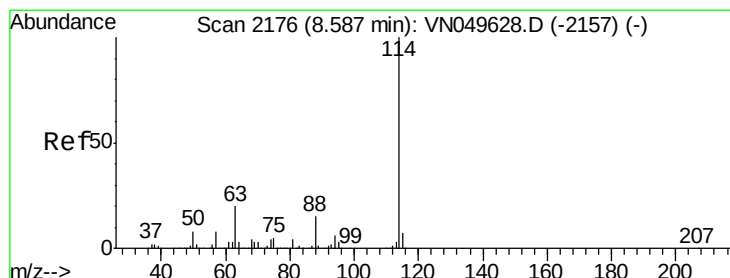
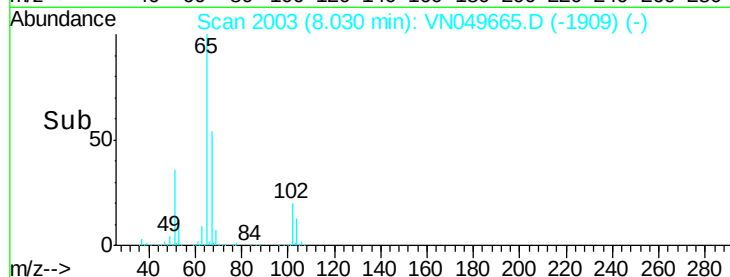
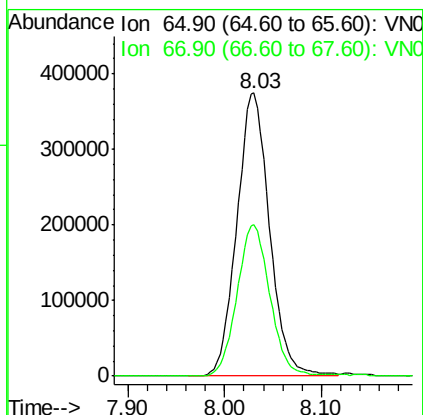
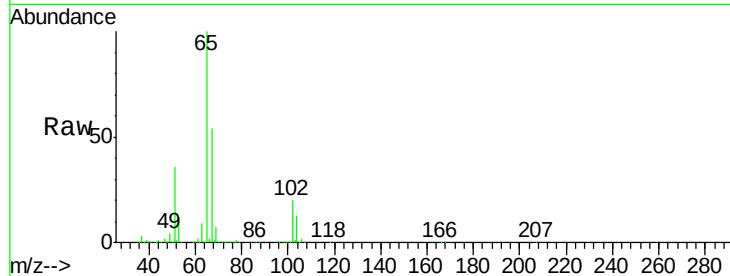




#33
 1,2-Dichloroethane-d4
 Concen: 48.27 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

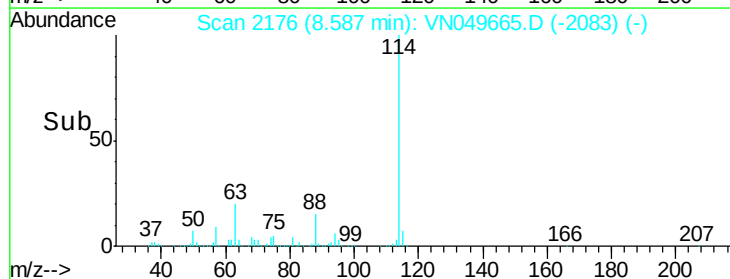
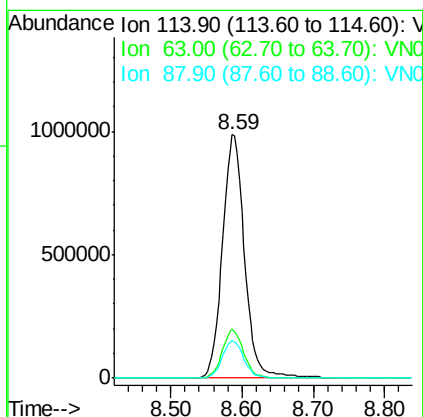
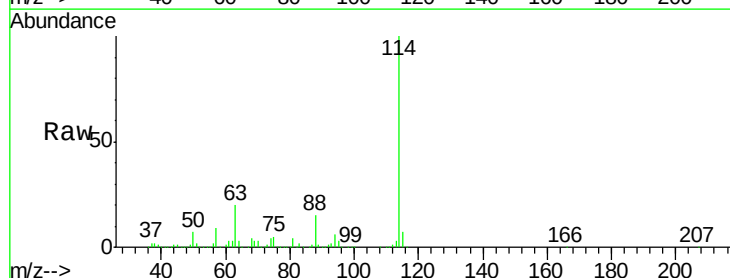
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

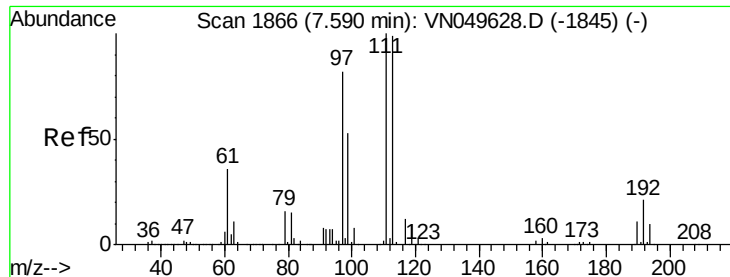
Tot Ion: 65 Resp: 881234
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

Tgt Ion: 114 Resp: 2118289
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.2 0.0 30.6

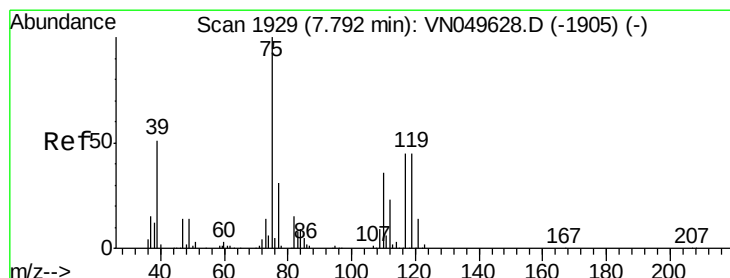
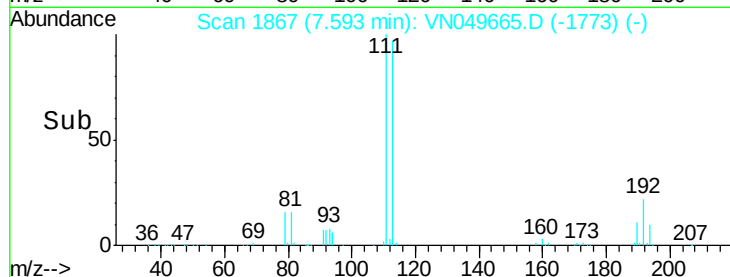
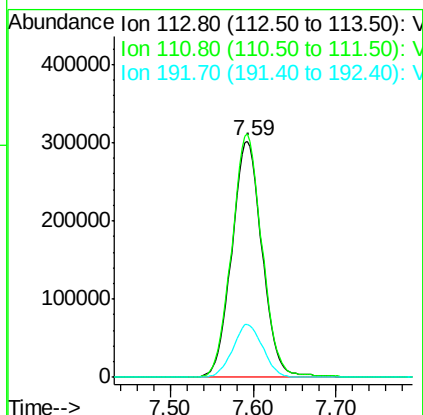
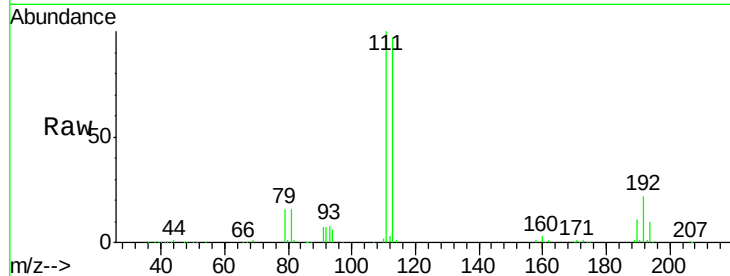




#35
 Dibromofluoromethane
 Concen: 48.61 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

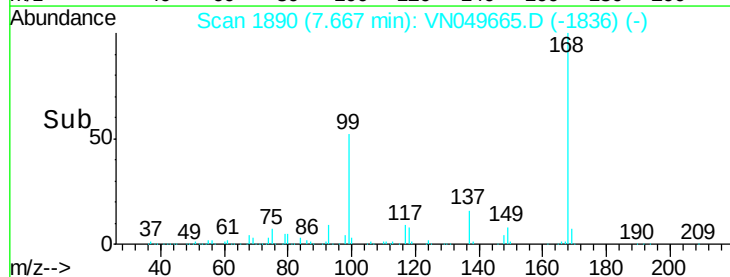
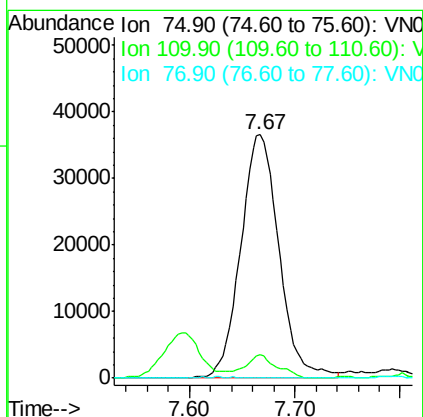
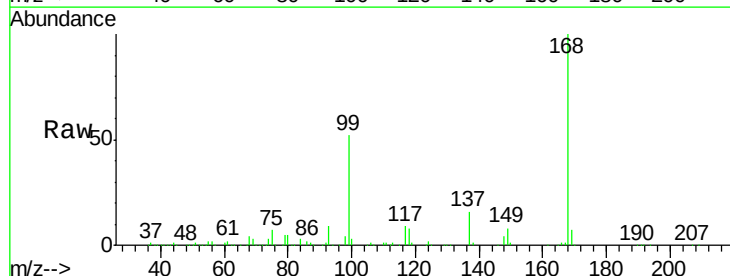
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

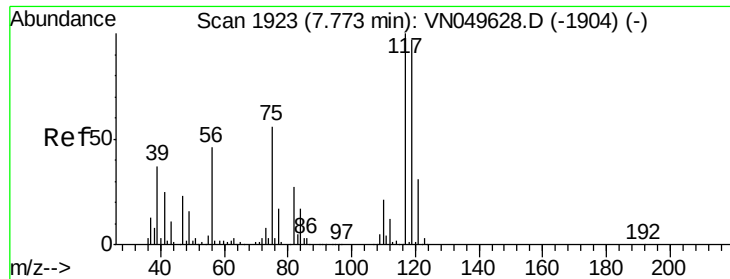
Tot Ion:113 Resp: 769780
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 22.2 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.88 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

Tgt Ion: 75 Resp: 92480
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.1 54.4#
 77 0.0 24.9 37.3#

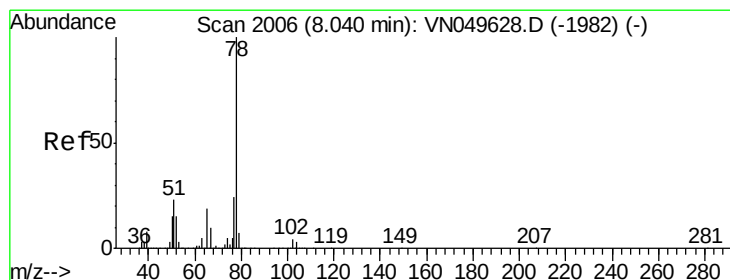
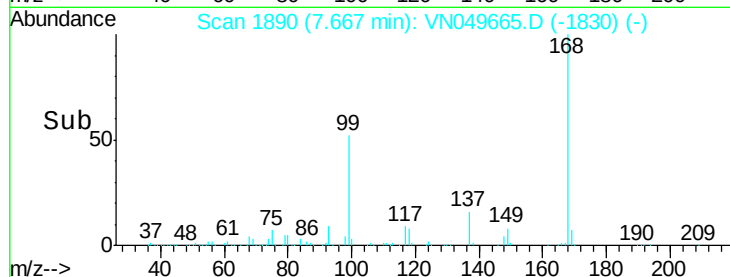
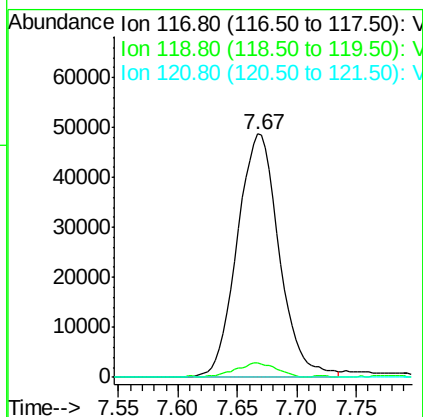
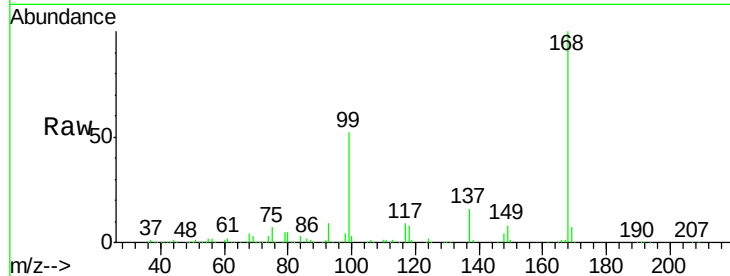




#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049665.D
Acq: 2 Jul 2018 13:26

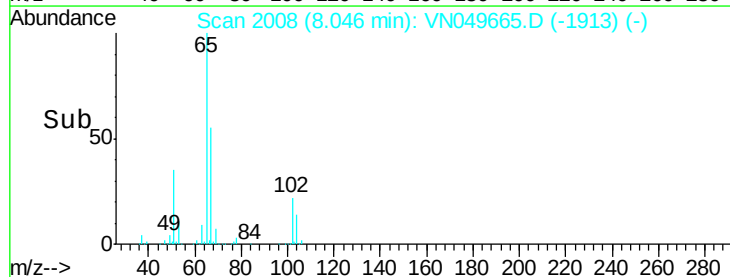
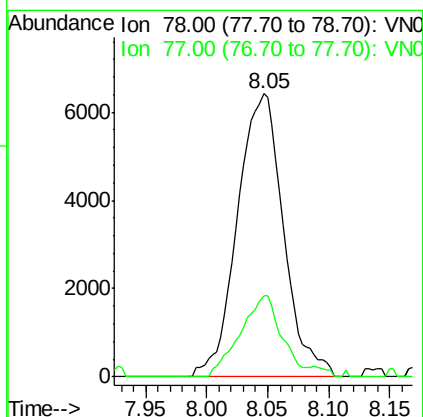
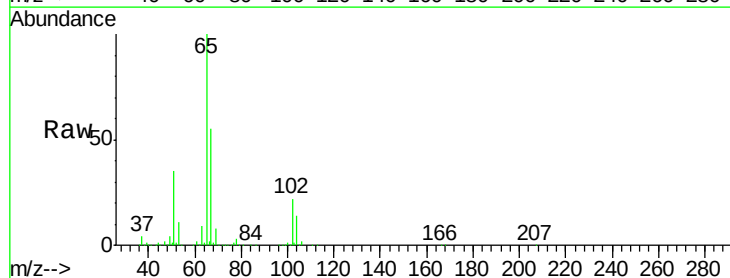
Instrument :
MSVOA_N
ClientSampled :
MW-1DL

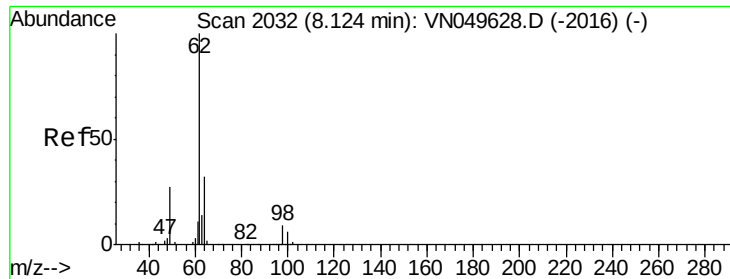
Tot Ion:117 Resp: 119495
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 25.0 37.6#



#40
Benzene
Concen: 0.23 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VN049665.D
Acq: 2 Jul 2018 13:26

Tgt Ion: 78 Resp: 16766
Ion Ratio Lower Upper
78 100
77 28.9 19.0 28.4#





#42

1,2-Dichloroethane

Concen: 1.51 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

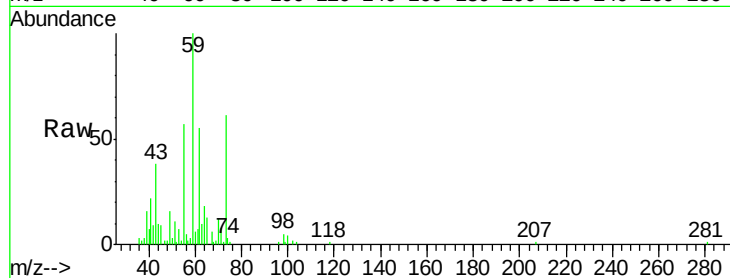
MW-1DL

Tot Ion: 62 Resp: 35179

Ion Ratio Lower Upper

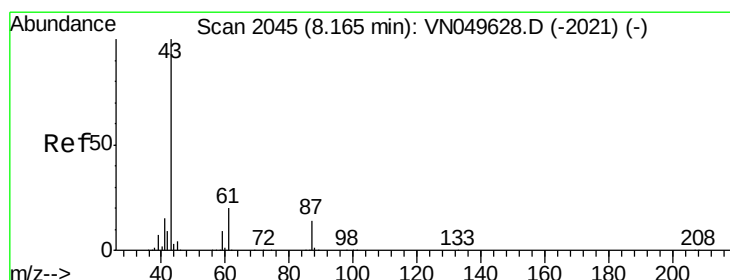
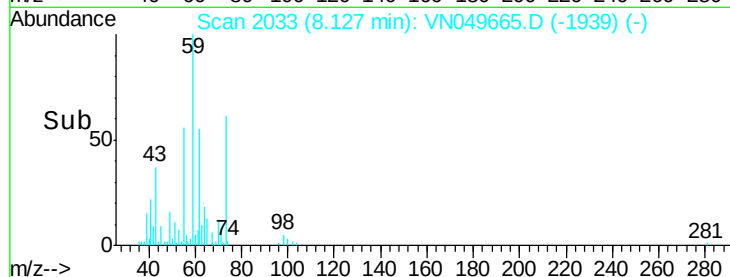
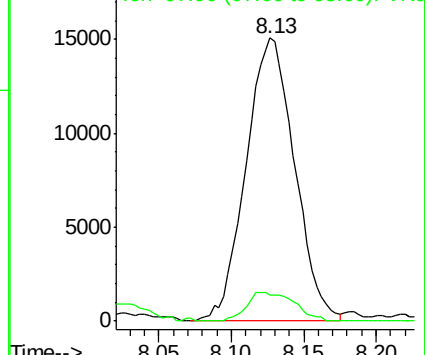
62 100

98 9.8 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#43

Isopropyl Acetate

Concen: 0.67 ug/l

RT: 8.14 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

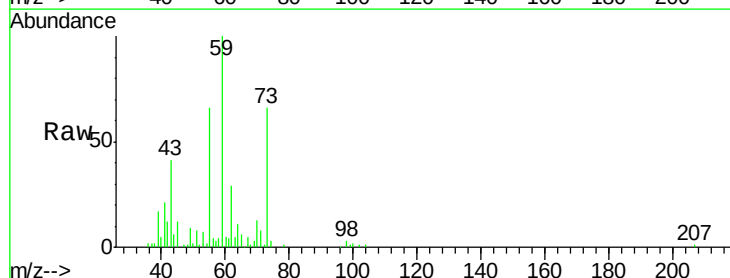
Tgt Ion: 43 Resp: 34321

Ion Ratio Lower Upper

43 100

61 11.2 14.9 22.3#

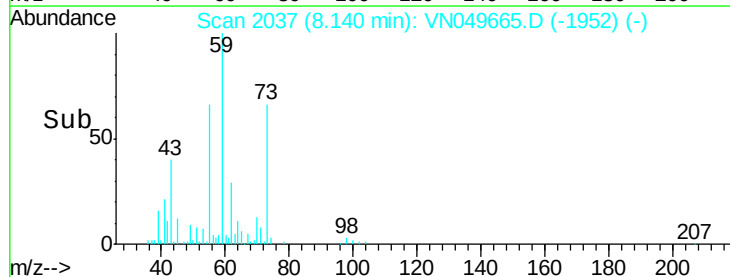
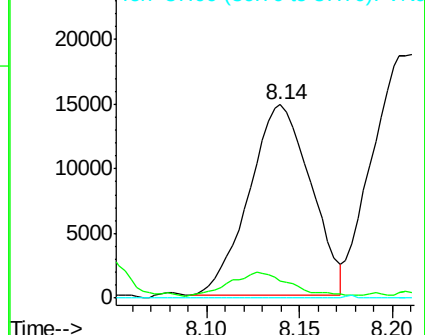
87 0.0 10.0 15.0#

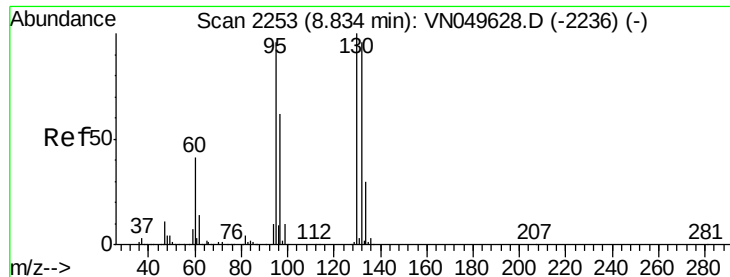


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 0.24 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampled :

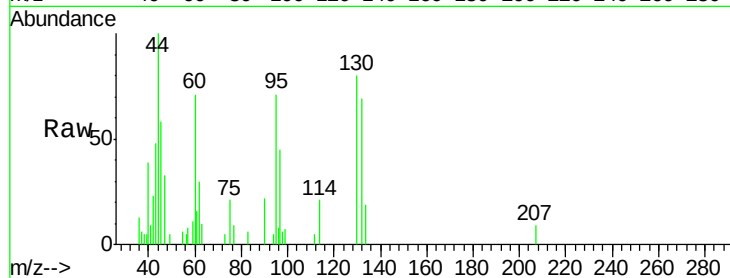
MW-1DL

Tot Ion:130 Resp: 5283

Ion Ratio Lower Upper

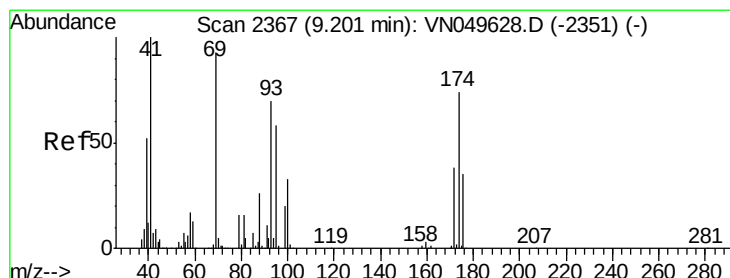
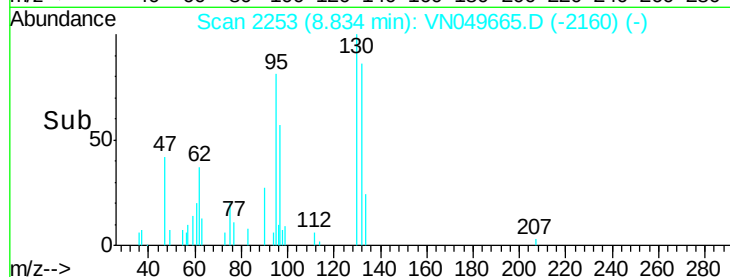
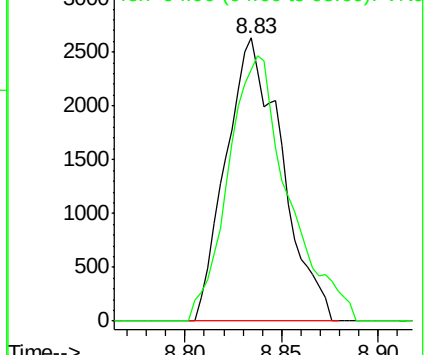
130 100

95 88.7 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#49

1,4-Dioxane

Concen: 540.59 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

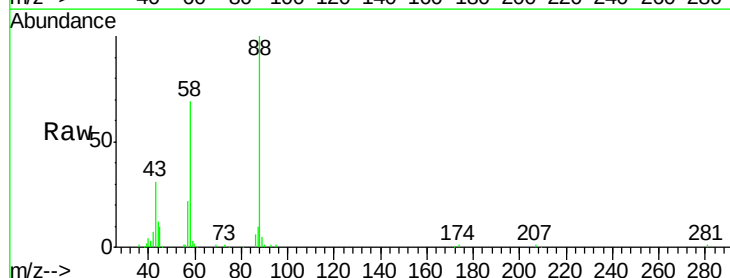
Tgt Ion: 88 Resp: 89773

Ion Ratio Lower Upper

88 100

43 26.8 25.1 37.7

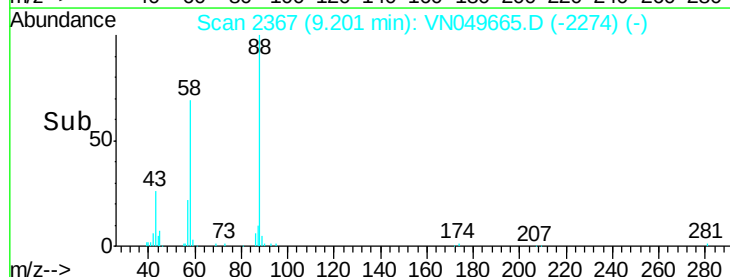
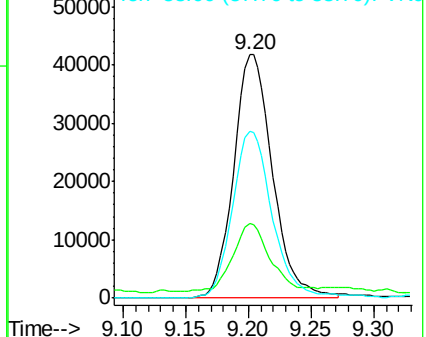
58 70.9 52.5 78.7

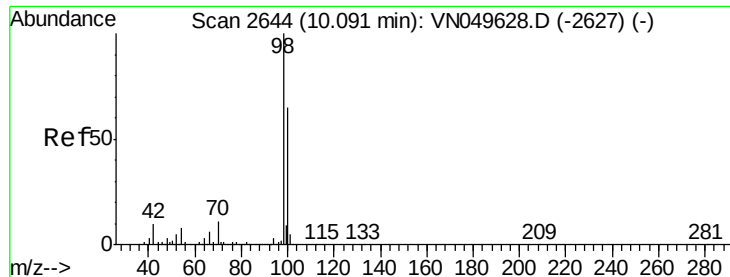


Abundance Ion 88.00 (87.70 to 88.70): VN

Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#50

Toluene-d8

Concen: 46.85 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

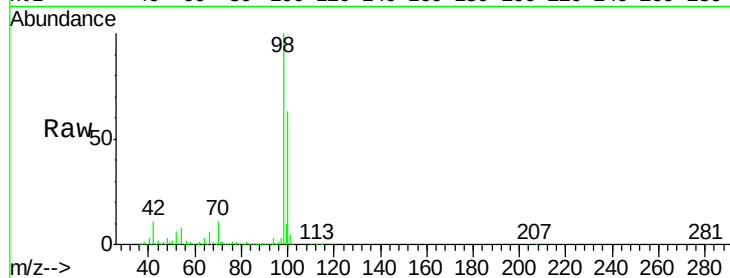
MW-1DL

Tot Ion: 98 Resp: 2903895

Ion Ratio Lower Upper

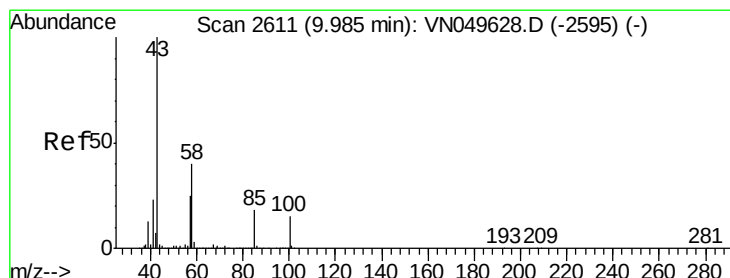
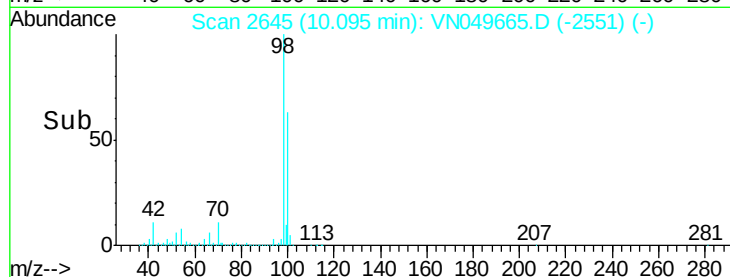
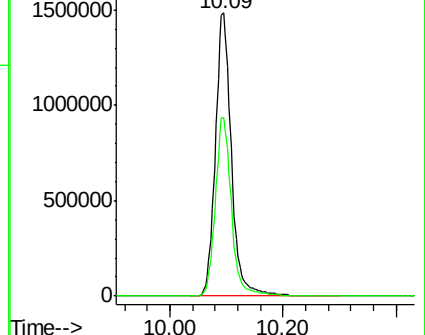
98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049628.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN049628.D (-2627) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.29 ug/l

RT: 9.98 min Scan# 2610

Delta R.T. -0.00 min

Lab File: VN049665.D

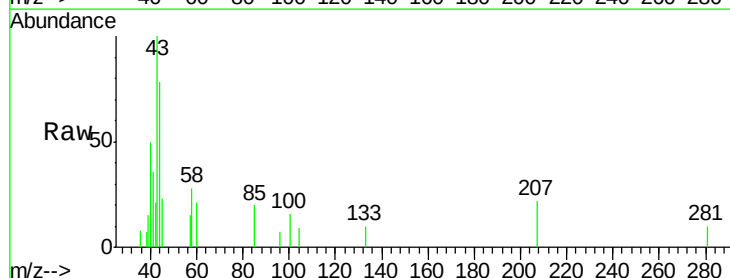
Acq: 2 Jul 2018 13:26

Tgt Ion: 43 Resp: 4013

Ion Ratio Lower Upper

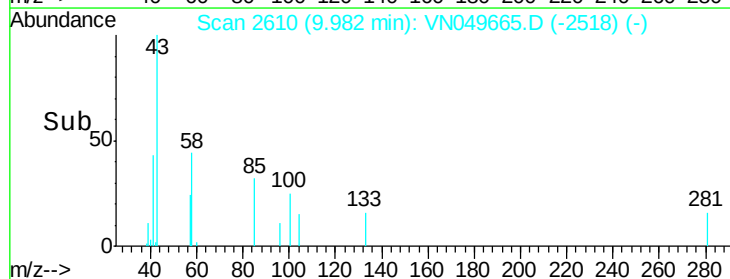
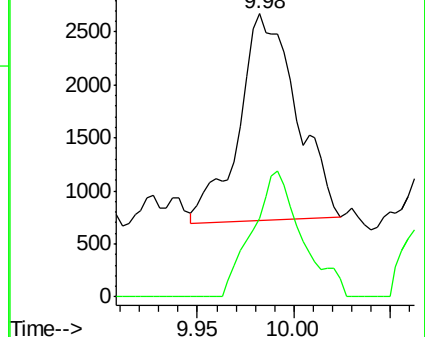
43 100

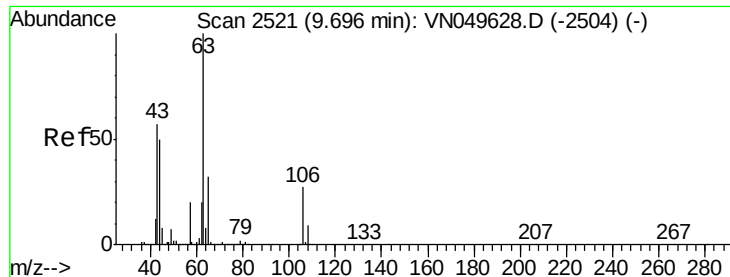
58 52.4 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2595) (-)

Ion 58.00 (57.70 to 58.70): VN049628.D (-2595) (-)





#58

2-Chloroethyl Vinyl ether

Concen: 10.85 ug/l

RT: 9.71 min Scan# 2524

Delta R.T. 0.01 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampled :

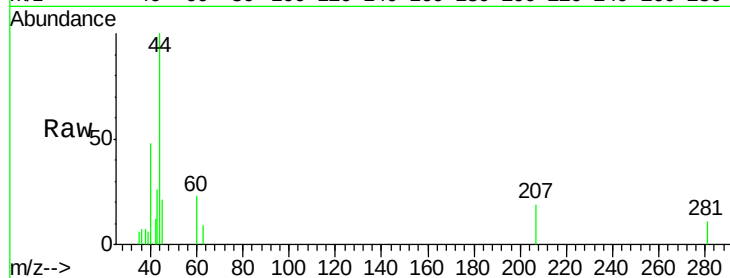
MW-1DL

Tot Ion: 63 Resp: 294

Ion Ratio Lower Upper

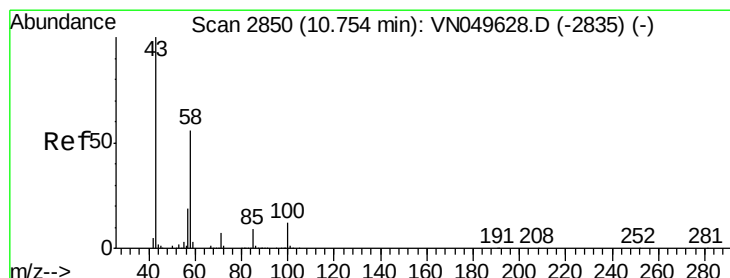
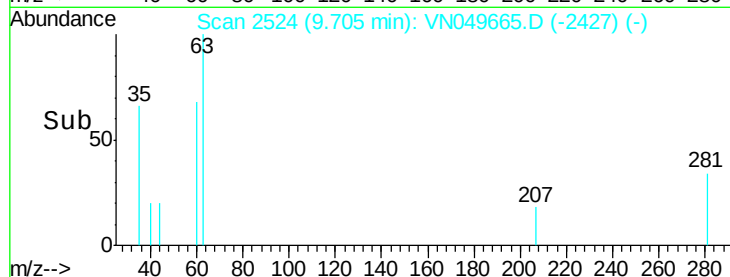
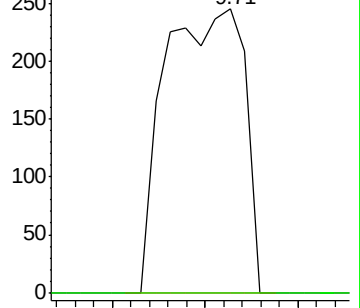
63 100

106 0.0 21.8 32.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 1.10 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049665.D

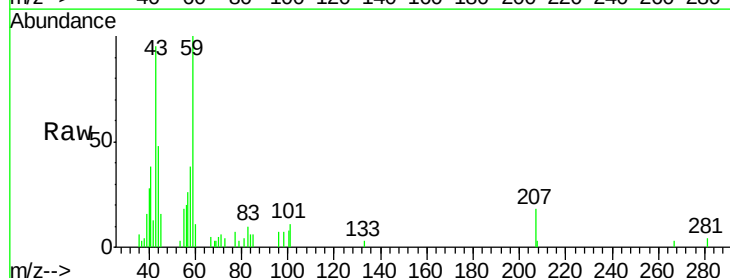
Acq: 2 Jul 2018 13:26

Tgt Ion: 43 Resp: 9885

Ion Ratio Lower Upper

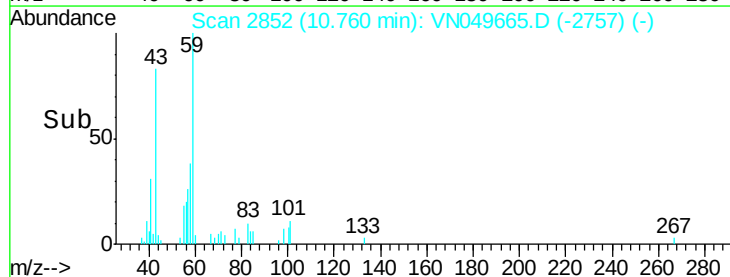
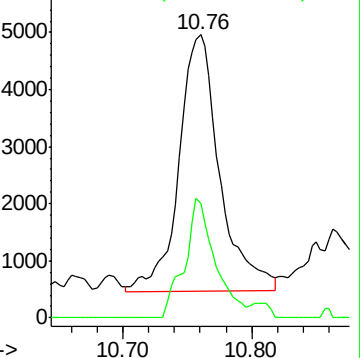
43 100

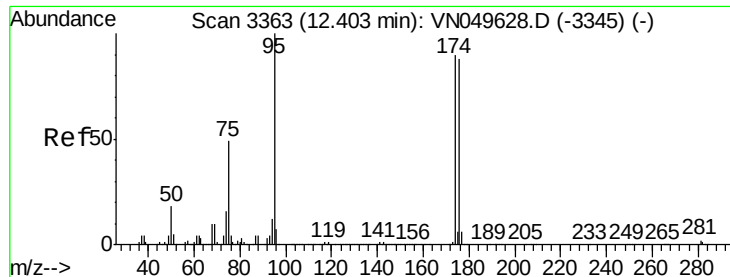
58 35.0 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

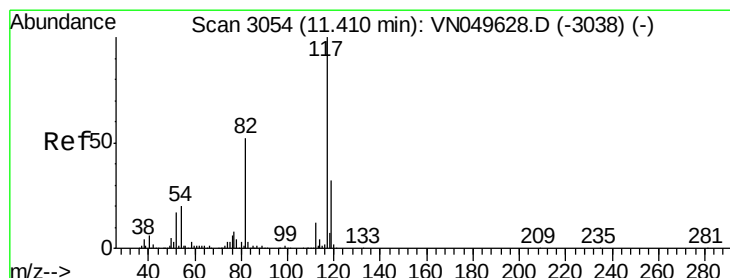
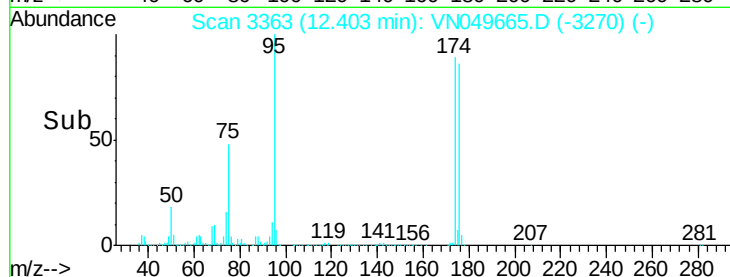
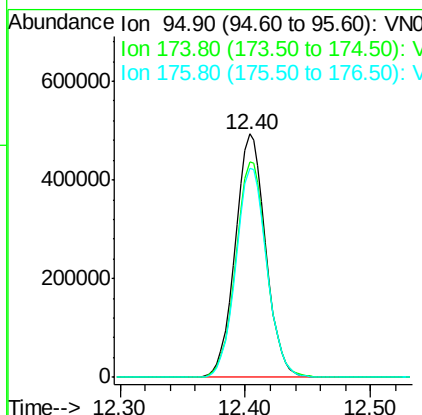
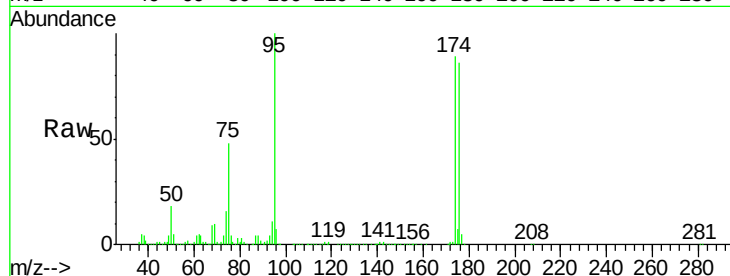




#62
4-Bromofluorobenzene
Concen: 39.20 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049665.D
Acq: 2 Jul 2018 13:26

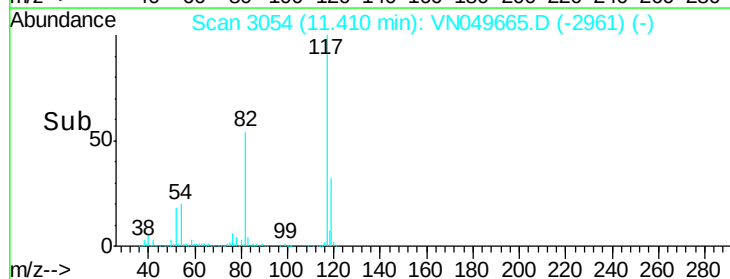
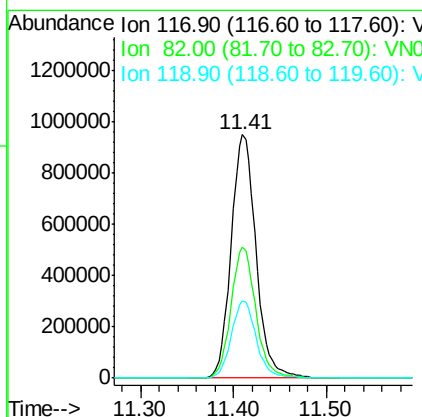
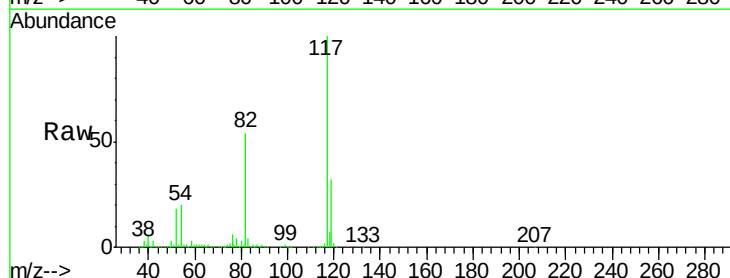
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL

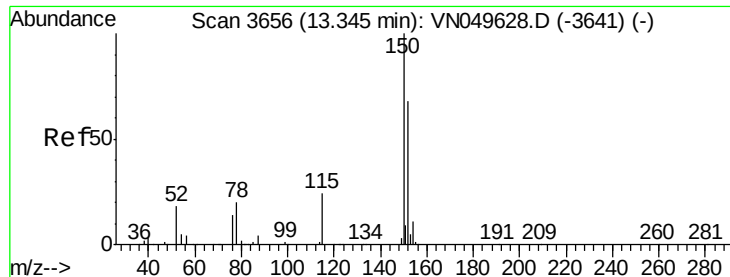
Tot Ion: 95 Resp: 829618
Ion Ratio Lower Upper
95 100
174 90.1 0.0 179.6
176 87.5 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049665.D
Acq: 2 Jul 2018 13:26

Tgt Ion: 117 Resp: 1765976
Ion Ratio Lower Upper
117 100
82 53.8 41.9 62.9
119 31.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

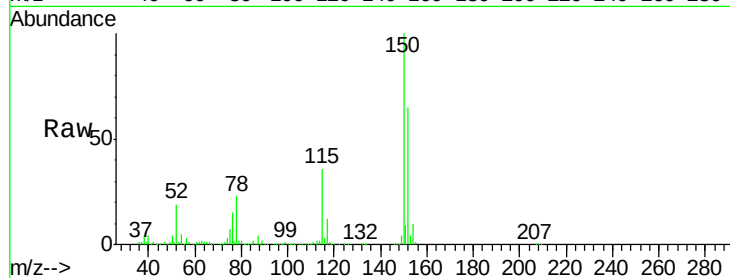
Tot Ion:152 Resp: 664683

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 155.4 0.0 347.6

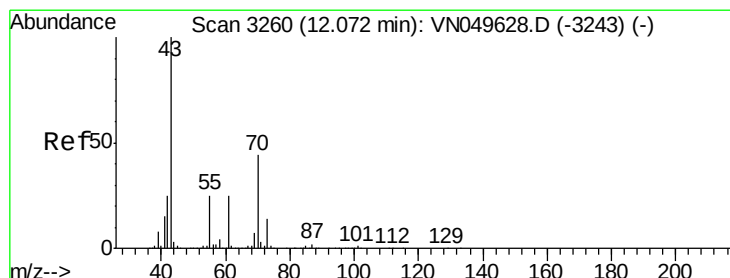
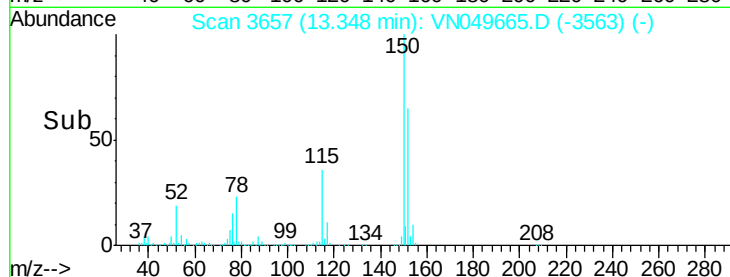
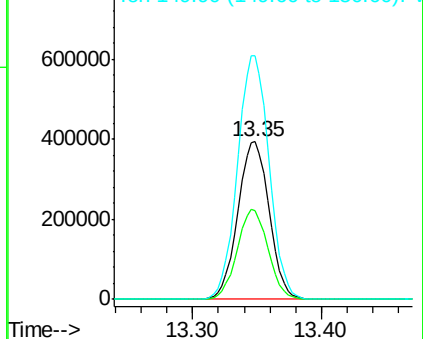


Abundance

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



#74

N-ethyl acetate

Concen: 0.22 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Tgt Ion: 43 Resp: 3225

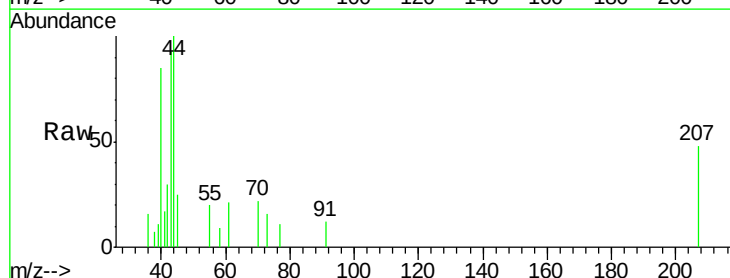
Ion Ratio Lower Upper

43 100

70 14.4 34.8 52.2#

55 26.5 20.9 31.3

61 10.3 19.9 29.9#



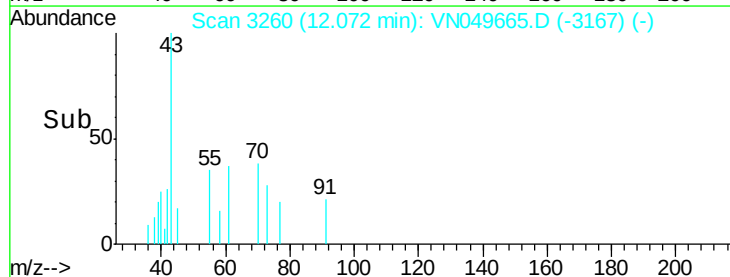
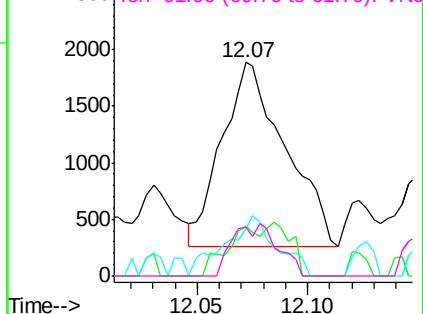
Abundance

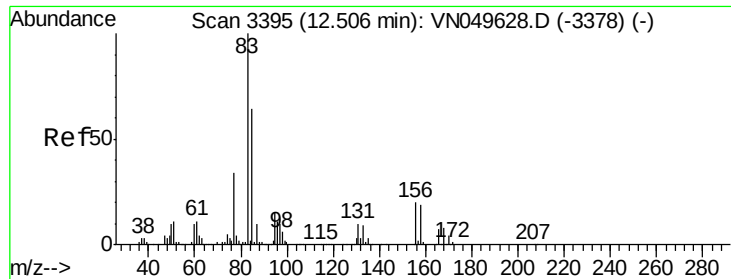
Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

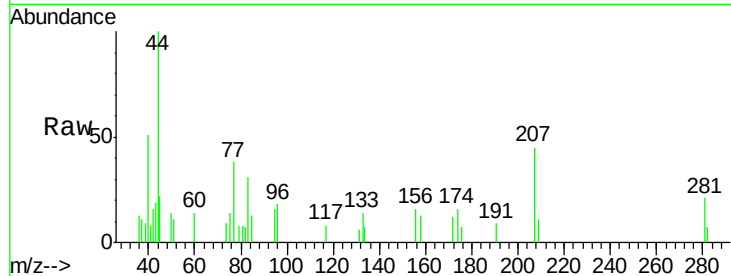
Tot Ion: 83 Resp: 1281

Ion Ratio Lower Upper

83 100

131 12.6 5.2 15.6

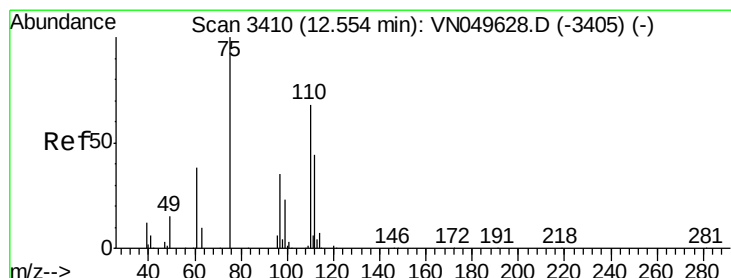
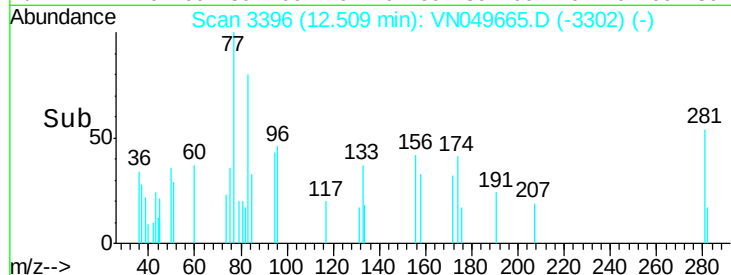
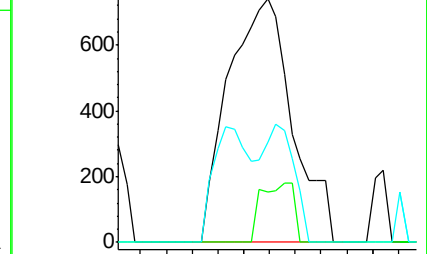
85 21.4 32.5 97.4#



Abundance Ion 82.90 (82.60 to 83.60): VN049628.D (-3378) (-)

Ion 130.80 (130.50 to 131.50): VN049628.D (-3378) (-)

Ion 84.90 (84.60 to 85.60): VN049628.D (-3378) (-)



#76

1,2,3-Trichloropropane

Concen: 37.78 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049665.D

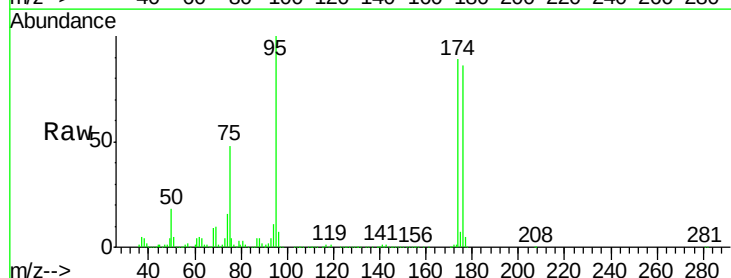
Acq: 2 Jul 2018 13:26

Tgt Ion: 75 Resp: 402740

Ion Ratio Lower Upper

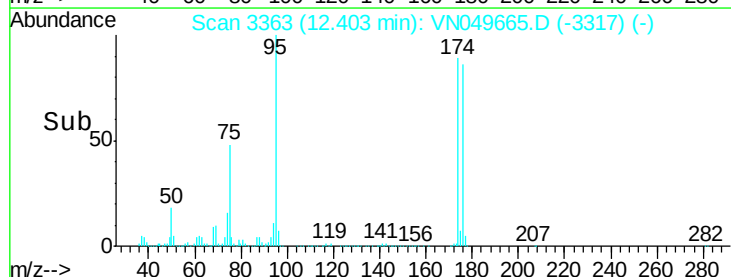
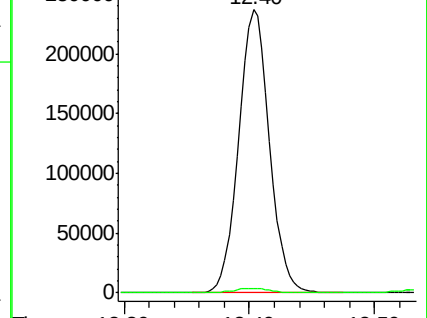
75 100

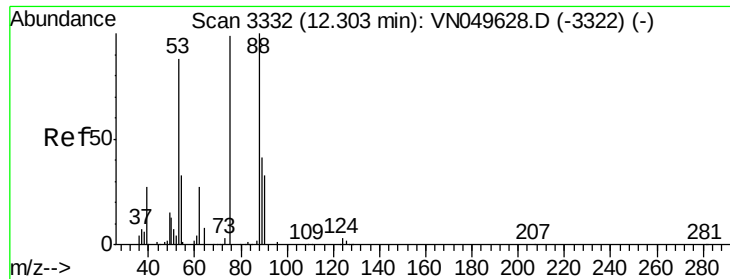
77 2.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN049628.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049628.D (-3405) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 128.32 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

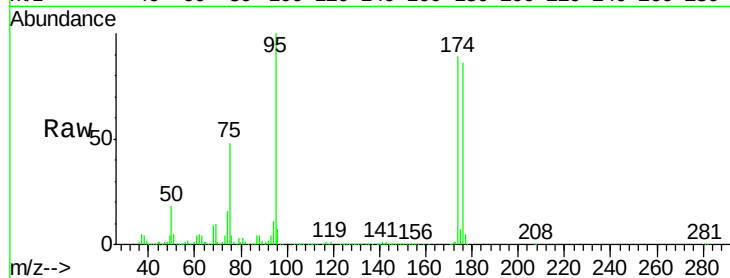
Tot Ion: 75 Resp: 402740

Ion Ratio Lower Upper

75 100

53 1.8 73.9 110.9#

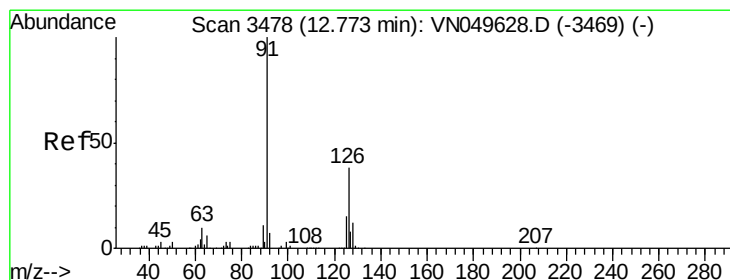
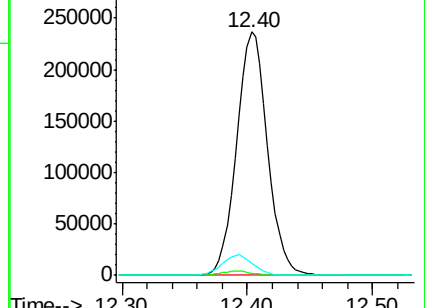
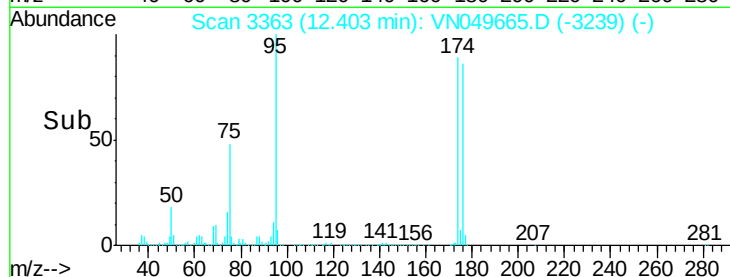
89 8.6 35.9 53.9#



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



#82

4-Chlorotoluene

Concen: 0.22 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049665.D

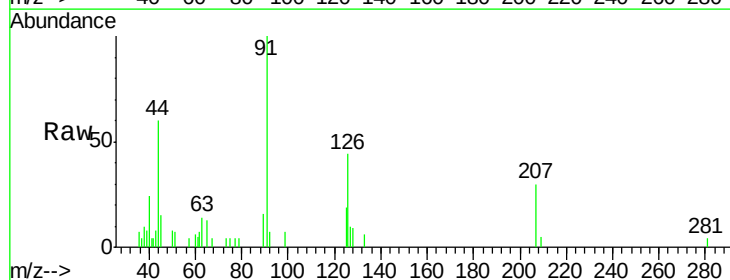
Acq: 2 Jul 2018 13:26

Tgt Ion: 91 Resp: 8311

Ion Ratio Lower Upper

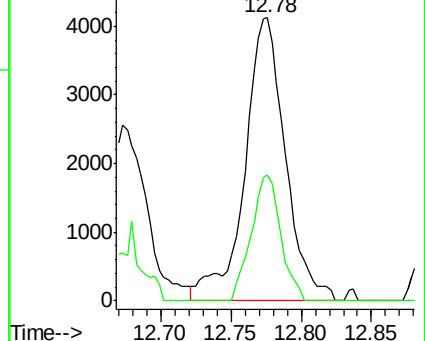
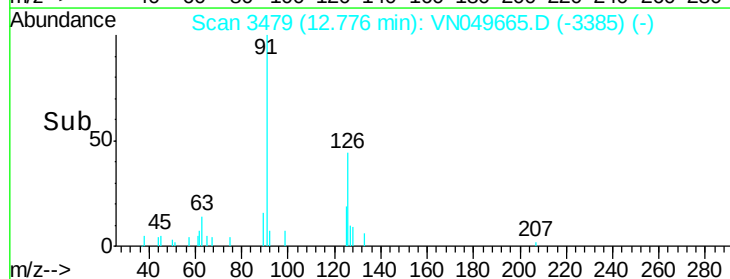
91 100

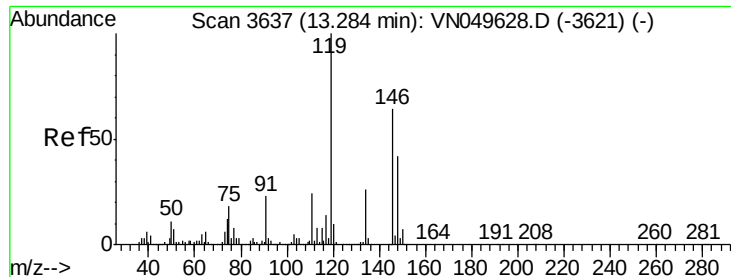
126 32.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

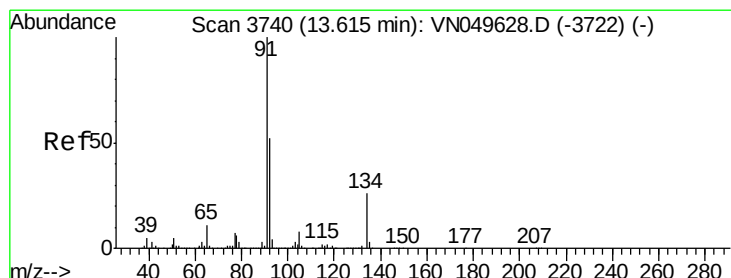
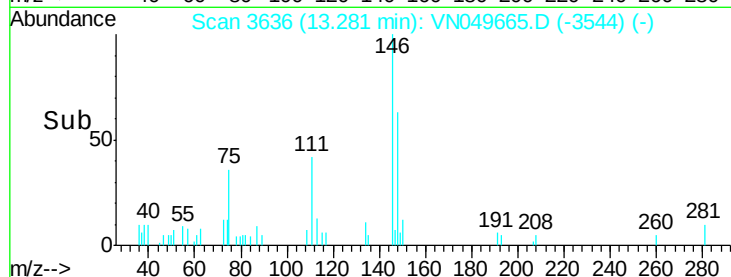
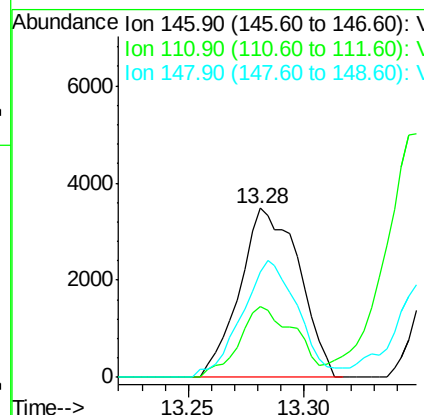
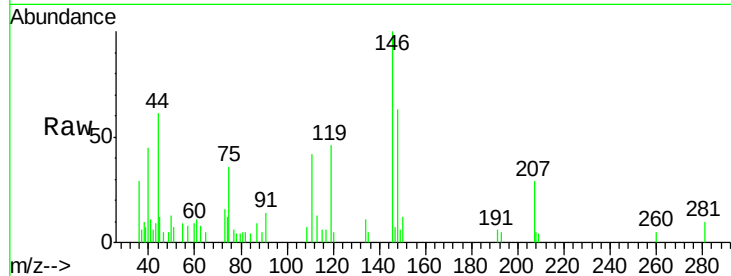




#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.28 min Scan# 3636
 Delta R.T. -0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

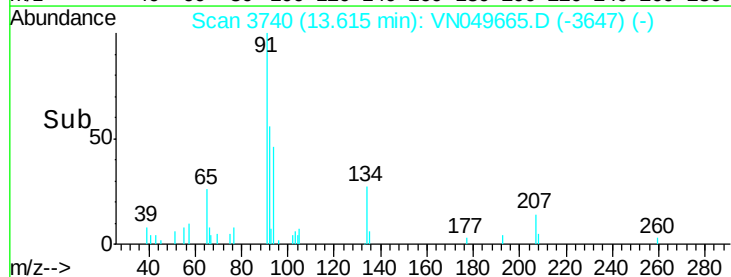
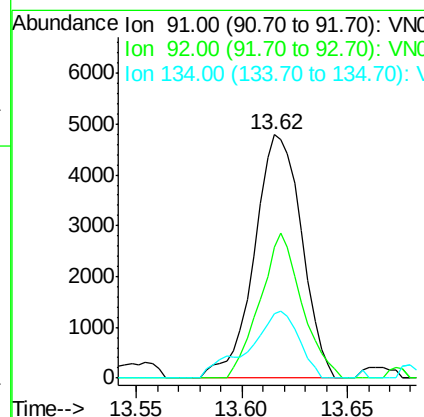
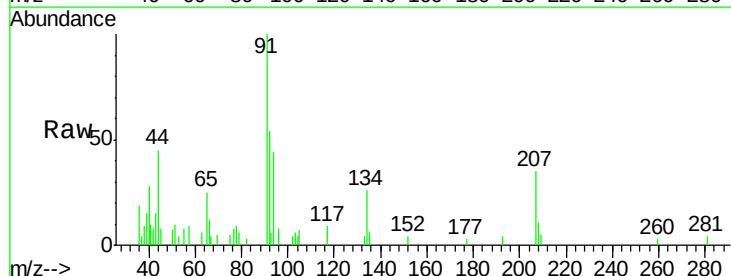
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

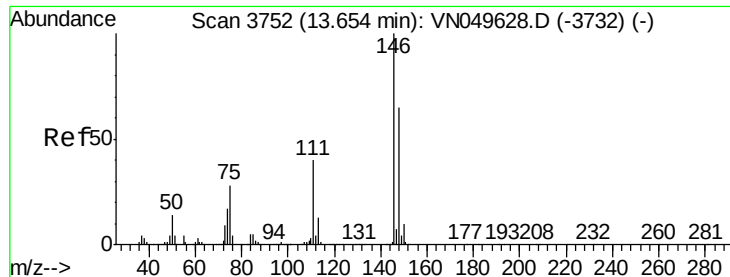
Tot Ion:146 Resp: 6191
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.0 57.0
 148 66.1 32.5 97.5



#89
 n-Butylbenzene
 Concen: 0.20 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. 0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

Tgt Ion: 91 Resp: 7477
 Ion Ratio Lower Upper
 91 100
 92 52.7 25.8 77.3
 134 28.9 13.0 38.9

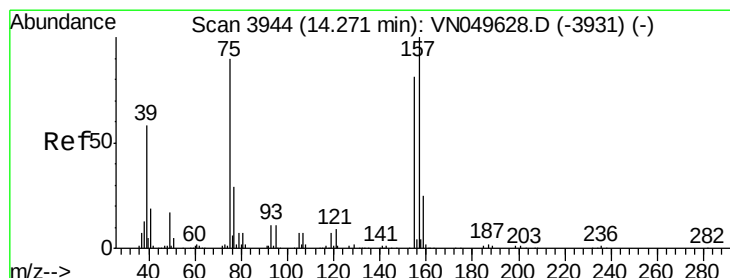
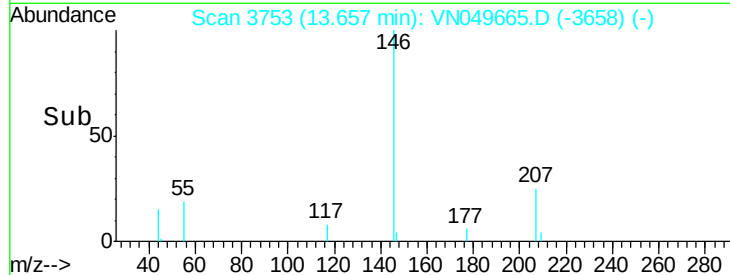
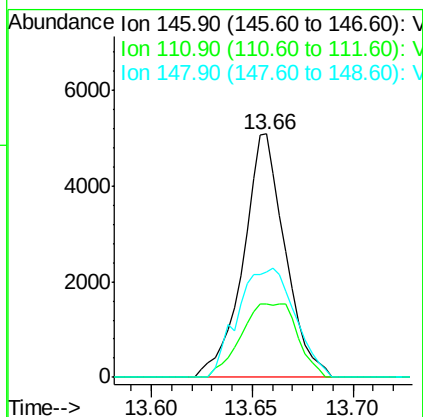
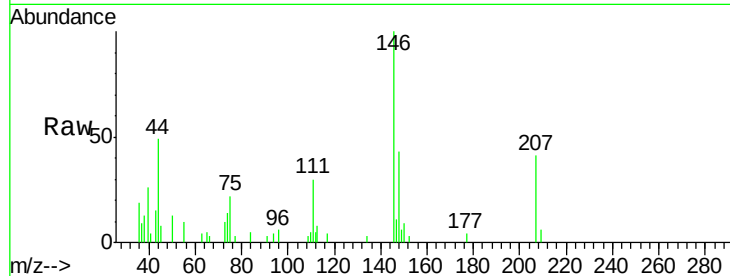




#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

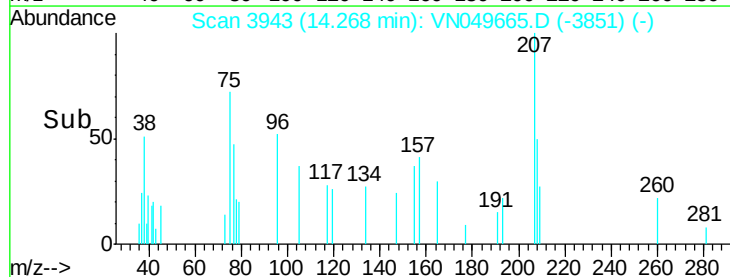
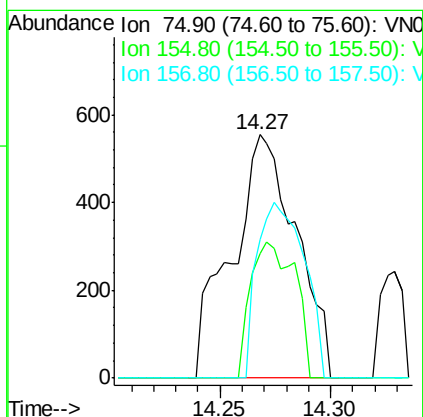
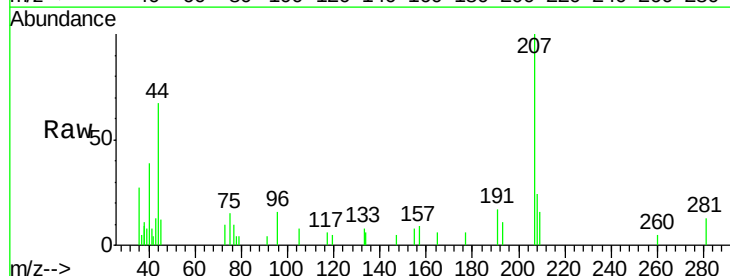
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

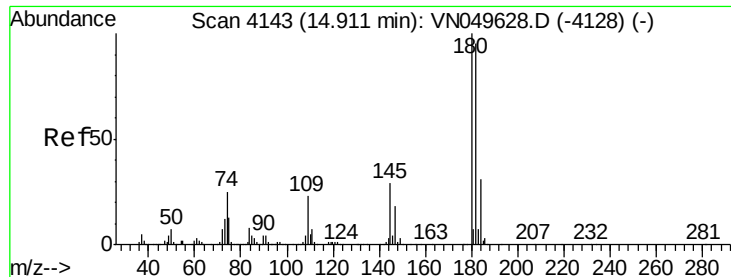
Tot Ion:146 Resp: 7421
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.7 59.1
 148 61.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.27 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

Tgt Ion: 75 Resp: 1129
 Ion Ratio Lower Upper
 75 100
 155 38.3 45.7 137.1#
 157 52.7 56.9 170.7#

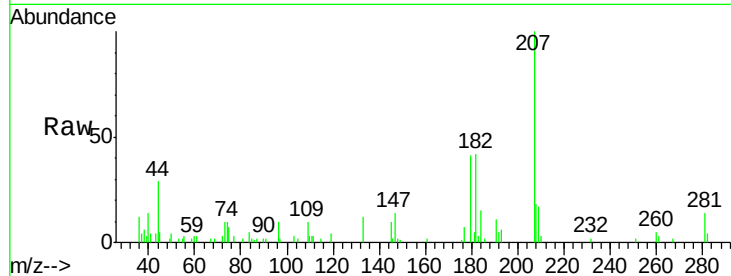




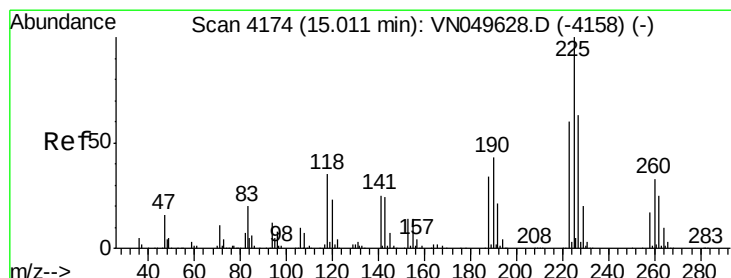
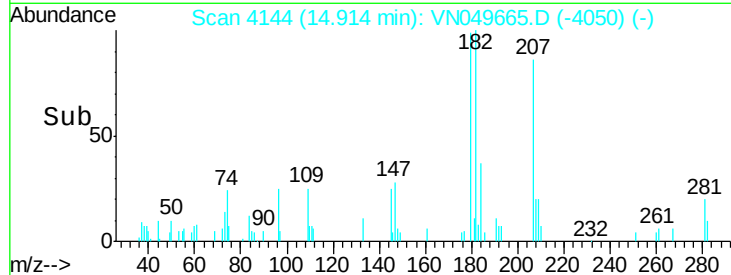
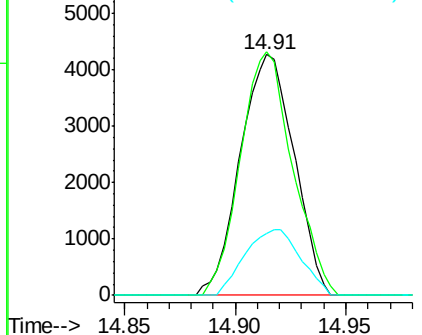
#93
 1,2,4-Trichlorobenzene
 Concen: 2.97 ua/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL

Tot Ion:180 Resp: 7215
 Ion Ratio Lower Upper
 180 100
 182 98.3 47.3 141.9
 145 28.1 14.4 43.0

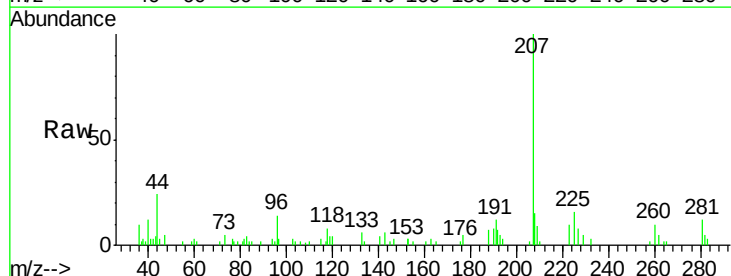


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

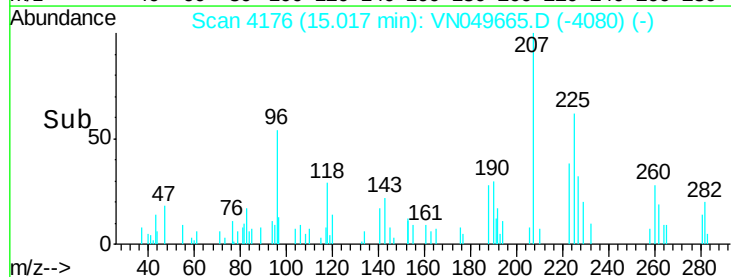
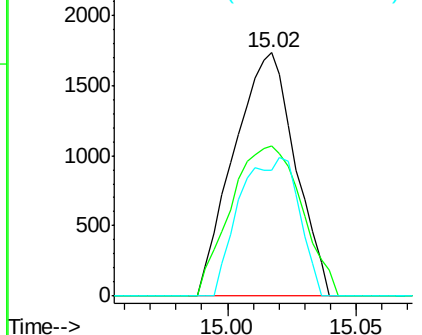


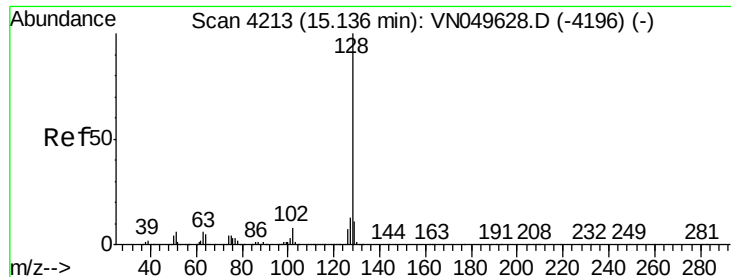
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.02 min Scan# 4176
 Delta R.T. 0.01 min
 Lab File: VN049665.D
 Acq: 2 Jul 2018 13:26

Tgt Ion:225 Resp: 2870
 Ion Ratio Lower Upper
 225 100
 223 71.4 30.9 92.7
 227 55.4 31.8 95.4



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





#95

Naphthalene

Concen: 4.75 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL

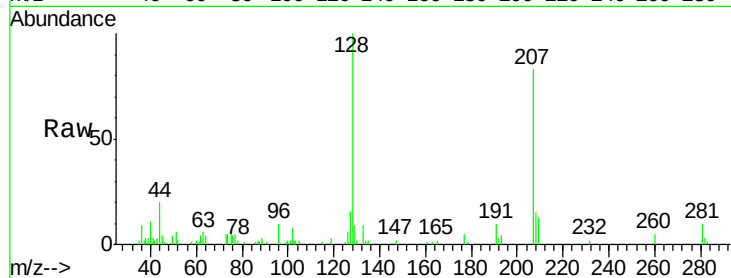
Tot Ion:128 Resp: 20809

Ion Ratio Lower Upper

128 100

127 16.2 10.4 15.6#

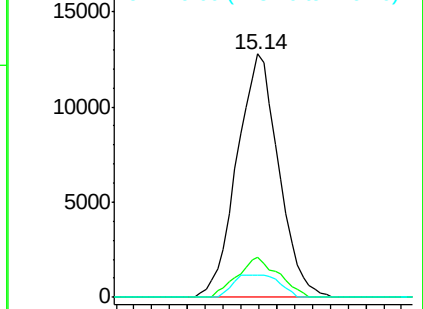
129 10.0 8.6 13.0



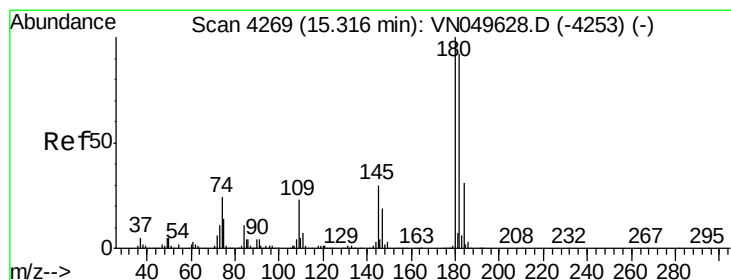
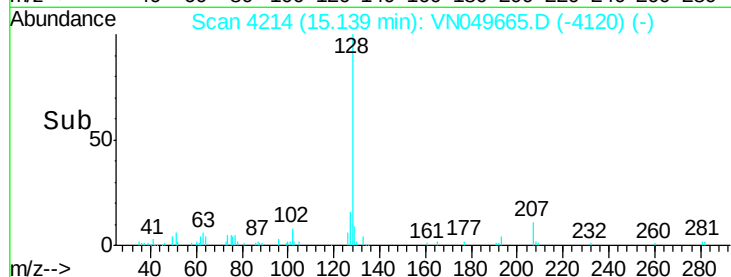
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 2.37 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.01 min

Lab File: VN049665.D

Acq: 2 Jul 2018 13:26

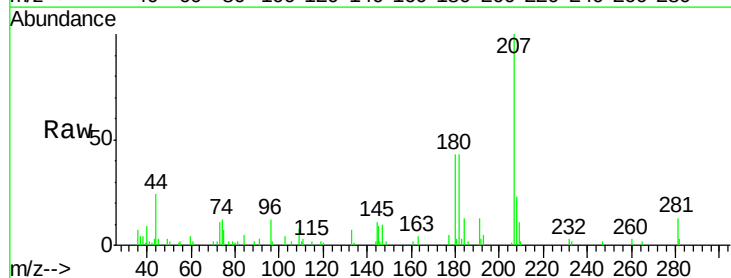
Tgt Ion:180 Resp: 8730

Ion Ratio Lower Upper

180 100

182 102.4 47.4 142.2

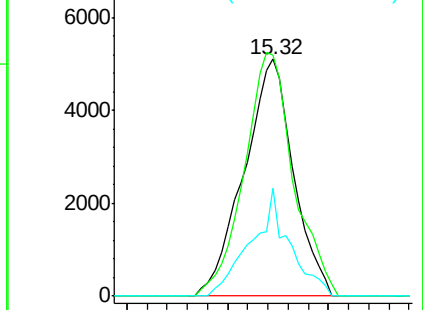
145 35.0 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

