

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051048.D
 Acq On : 7 Sep 2018 12:57
 Operator : MD\SY
 Sample : VN0907WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL02

Quant Time: Sep 07 23:10:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	926222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	791084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	371550	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.59	113	360407	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	10.09	98	1295200	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	12.40	95	332076	36.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.54%	

Target Compounds

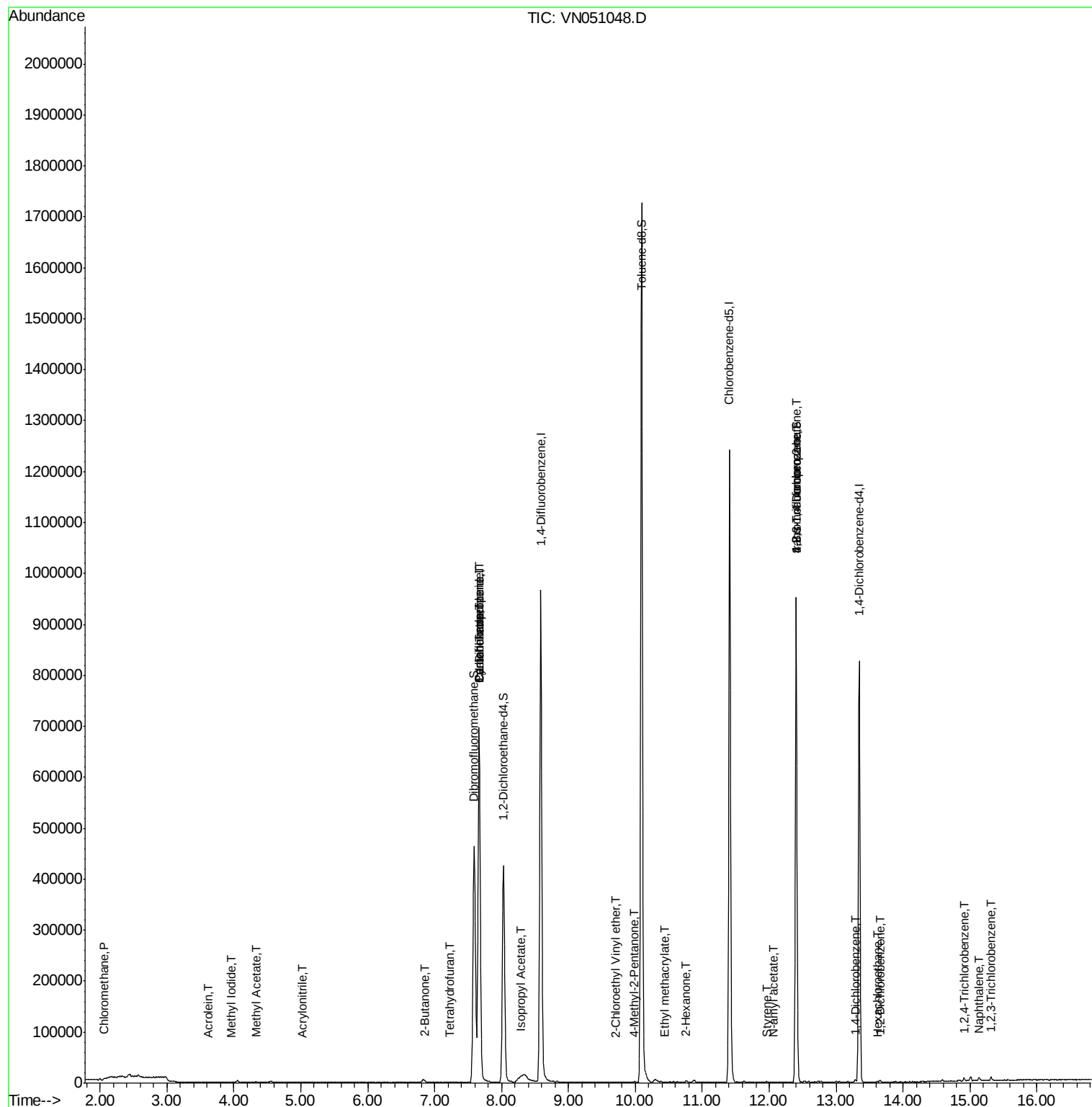
						Qvalue
3) Chloromethane	2.06	50	2101	0.21	ug/l	100
5) Bromomethane	2.56	94	2649	Below	Cal	# 77
10) Methyl Iodide	3.96	142	62	6.35	ug/l	# 7
13) Acrolein	3.61	56	100	18.25	ug/l	# 50
15) Acrylonitrile	5.01	53	769	0.32	ug/l	# 55
16) Acetone	3.82	43	1309	Below	Cal	# 41
18) Methyl Acetate	4.32	43	1561	0.22	ug/l	97
25) 2-Butanone	6.86	43	1090	0.37	ug/l	# 47
29) Tetrahydrofuran	7.22	42	864	0.51	ug/l	# 82
31) Cyclohexane	7.67	56	10158	1.27	ug/l	# 1
36) 1,1-Dichloropropene	7.66	75	40004	3.66	ug/l	# 49
38) Carbon Tetrachloride	7.66	117	53402	4.83	ug/l	# 16
43) Isopropyl Acetate	8.28	43	11173	1.04	ug/l	# 58
51) 4-Methyl-2-Pentanone	9.98	43	1670	0.26	ug/l	# 75
56) Ethyl methacrylate	10.44	69	235	2.37	ug/l	# 28
58) 2-Chloroethyl Vinyl ether	9.70	63	60	12.23	ug/l	# 47
59) 2-Hexanone	10.76	43	3308	0.77	ug/l	68
70) Styrene	11.97	104	1028	1.32	ug/l	# 79
74) N-amyl acetate	12.07	43	1213	0.24	ug/l	# 56
75) 1,1,2,2-Tetrachloroethane	12.51	83	554	Below	Cal	# 66
76) 1,2,3-Trichloropropane	12.40	75	154451	35.97	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.40	75	154451	121.60	ug/l	# 15
88) 1,4-Dichlorobenzene	13.28	146	1870	0.20	ug/l	96
90) Hexachloroethane	13.62	117	104	0.22	ug/l	# 4
91) 1,2-Dichlorobenzene	13.66	146	1877	0.21	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	2312	4.53	ug/l	89
94) Hexachlorobutadiene	15.01	225	1719	Below	Cal	96
95) Naphthalene	15.14	128	6144	5.96	ug/l	# 89
96) 1,2,3-Trichlorobenzene	15.31	180	2941	3.92	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090718\
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL02

Quant Time: Sep 07 23:10:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

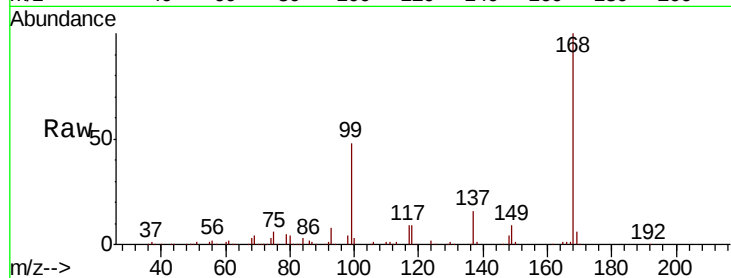
VN0907WBL02

Tot Ion:168 Resp: 610680

Ion Ratio Lower Upper

168 100

99 48.4 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

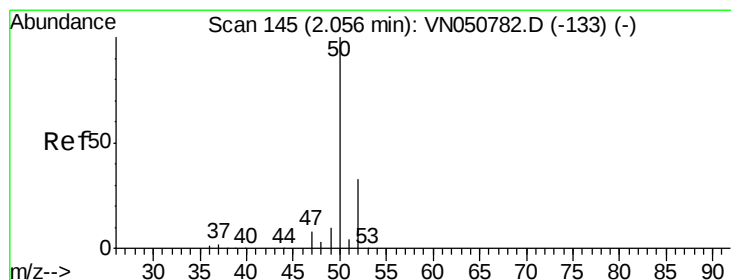
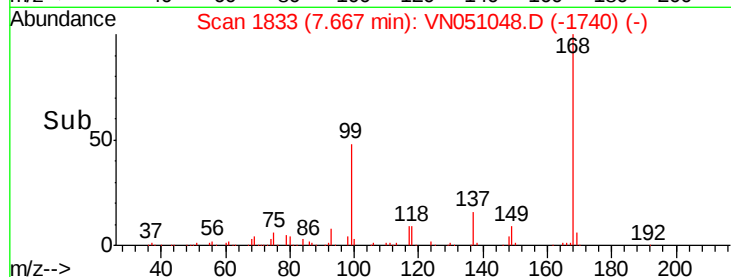
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.21 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051048.D

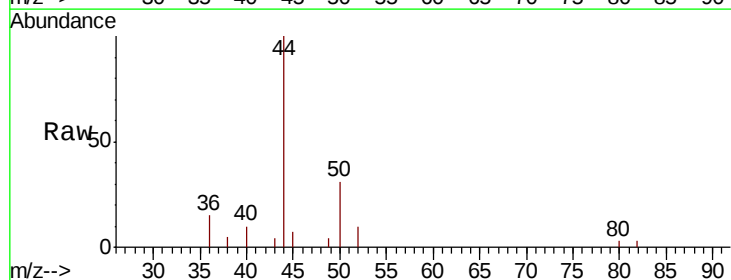
Acq: 7 Sep 2018 12:57

Tgt Ion: 50 Resp: 2101

Ion Ratio Lower Upper

50 100

52 33.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

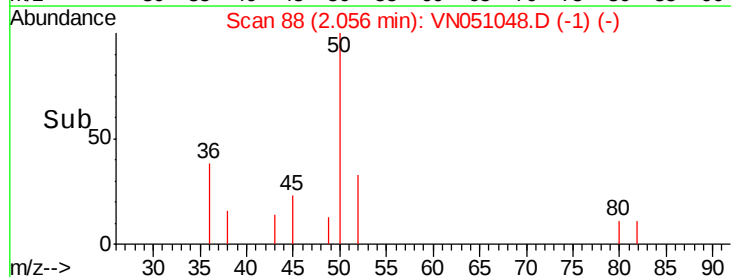
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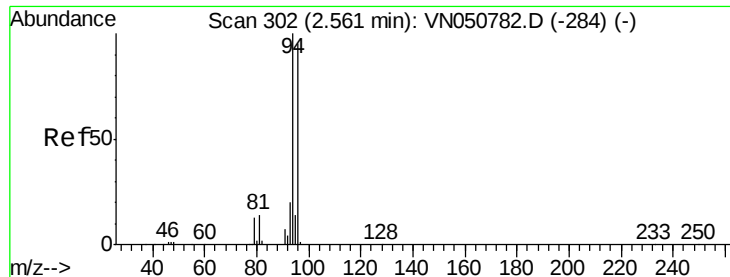
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

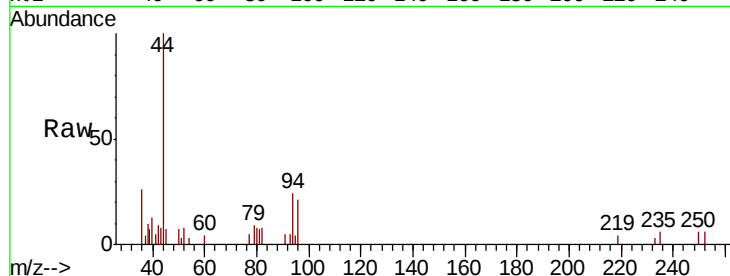
VN0907WBL02

Tot Ion: 94 Resp: 2649

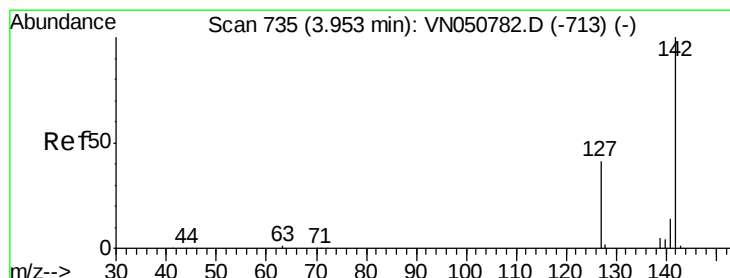
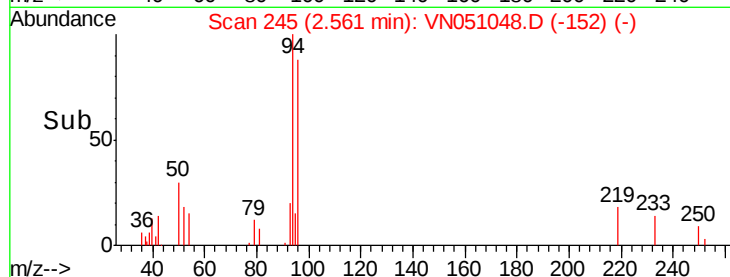
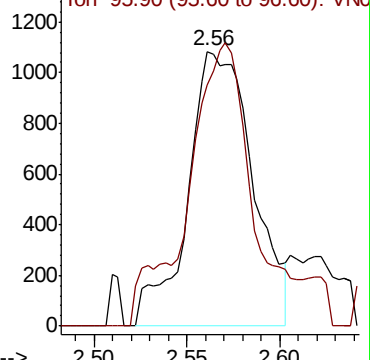
Ion Ratio Lower Upper

94 100

96 73.0 76.2 114.2#



Abundance Ion 93.90 (93.60 to 94.60): VN051048.D (-152) (-)



#10

Methyl Iodide

Concen: 6.35 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

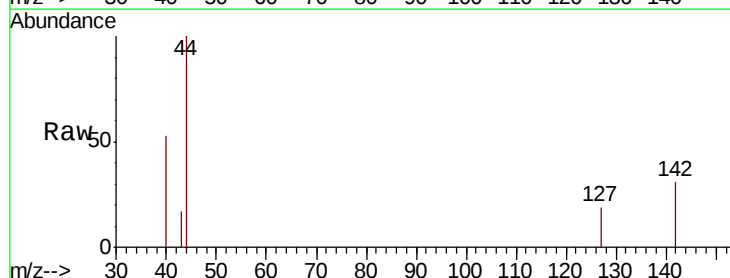
Tgt Ion: 142 Resp: 62

Ion Ratio Lower Upper

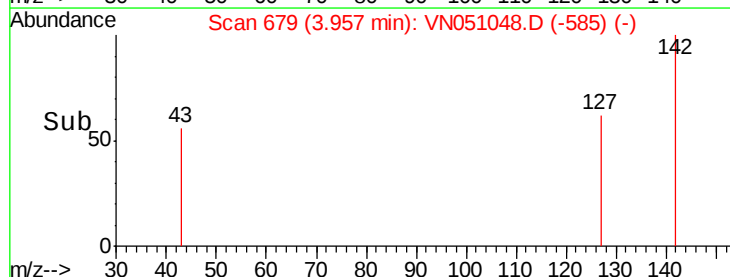
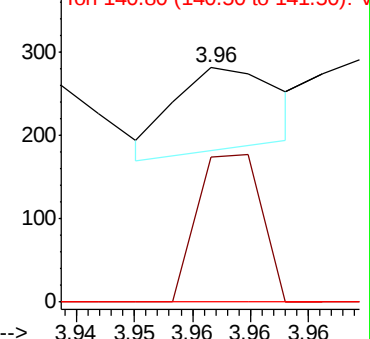
142 100

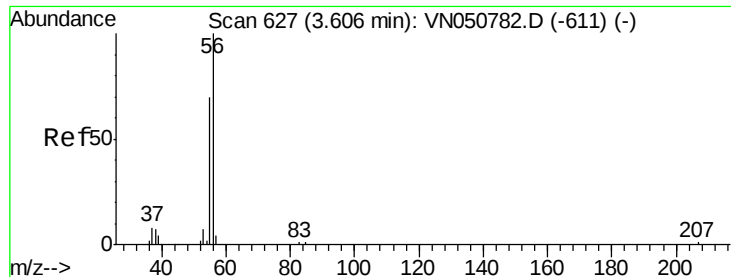
127 109.7 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN051048.D (-585) (-)





#13

Acrolein

Concen: 18.25 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

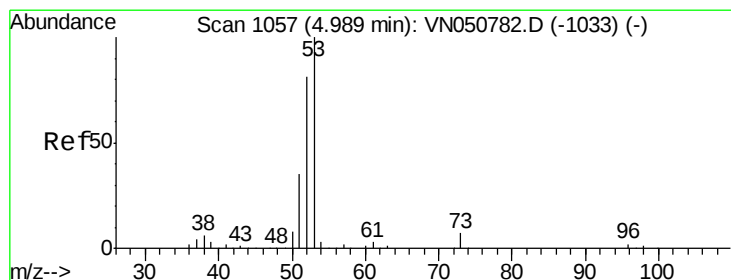
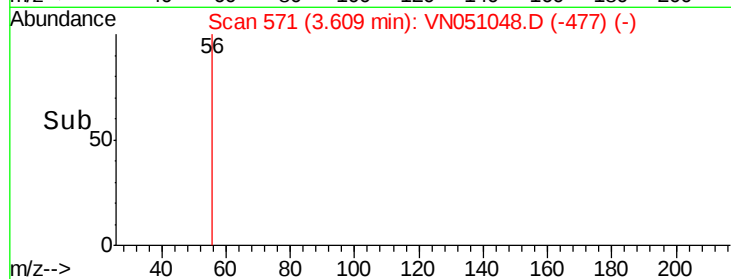
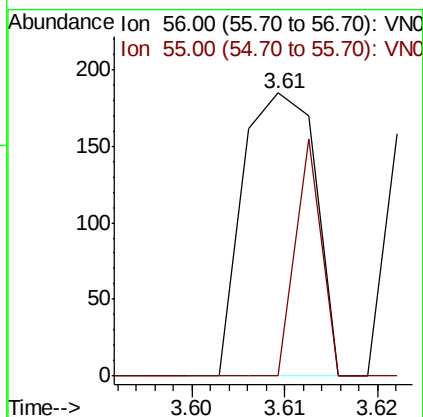
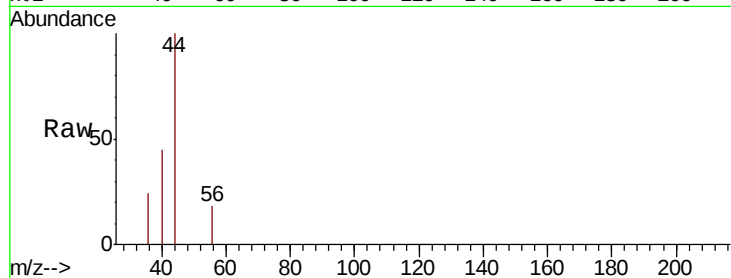
VN0907WBL02

Tot Ion: 56 Resp: 100

Ion Ratio Lower Upper

56 100

55 30.0 57.7 86.5#



#15

Acrylonitrile

Concen: 0.32 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.03 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

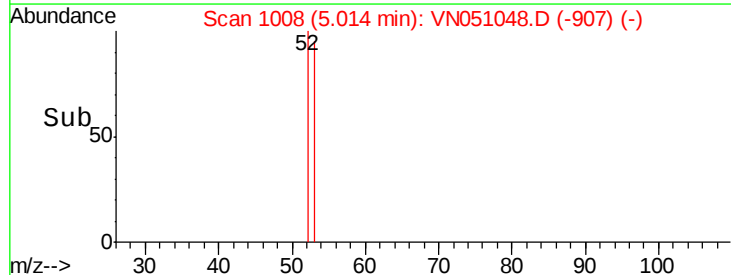
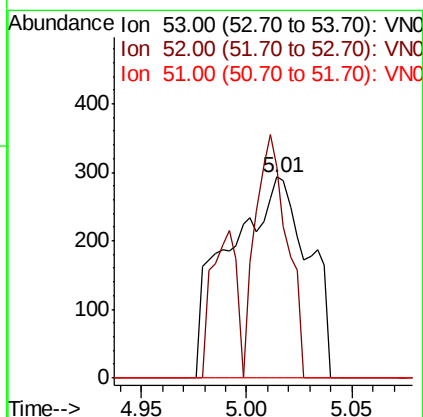
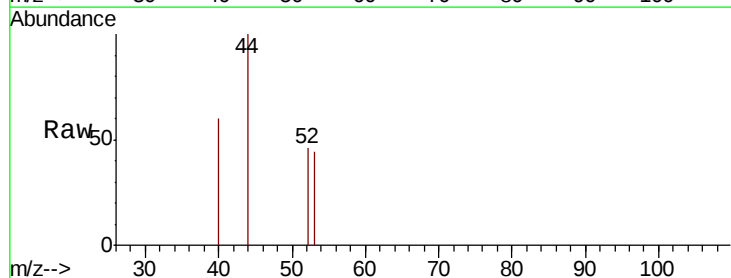
Tgt Ion: 53 Resp: 769

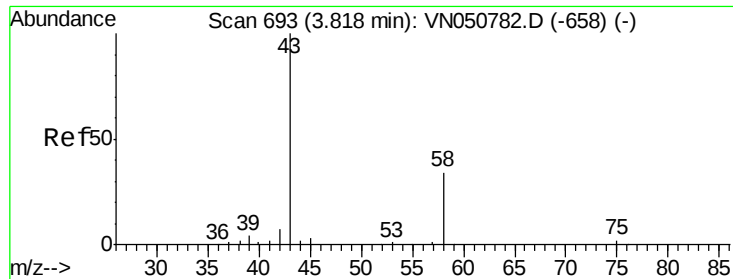
Ion Ratio Lower Upper

53 100

52 48.6 65.9 98.9#

51 0.0 28.6 43.0#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

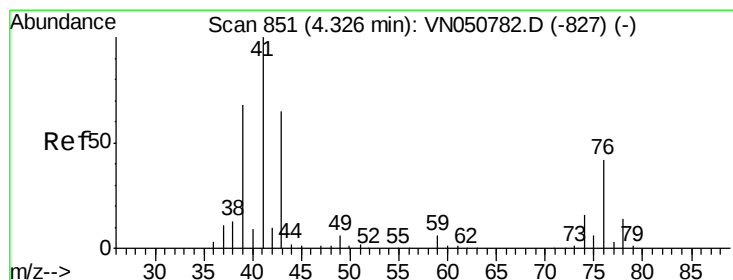
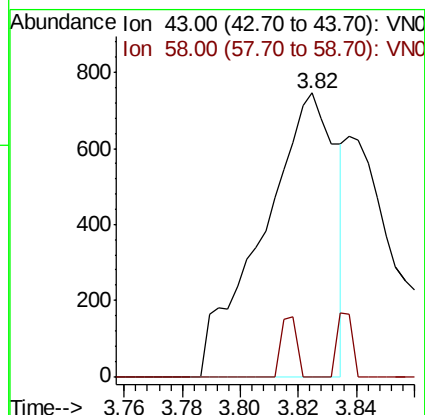
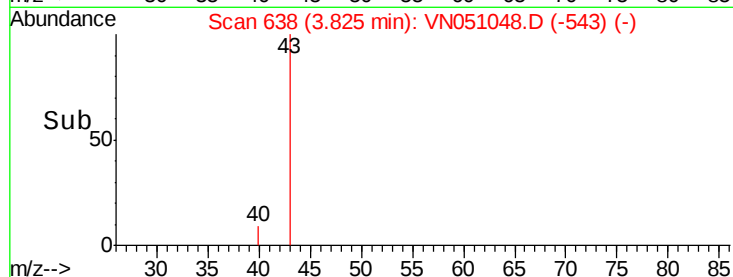
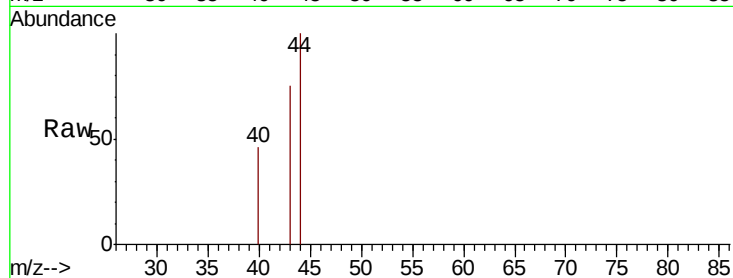
VN0907WBL02

Tot Ion: 43 Resp: 1309

Ion Ratio Lower Upper

43 100

58 0.0 27.2 40.8#



#18

Methyl Acetate

Concen: 0.22 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051048.D

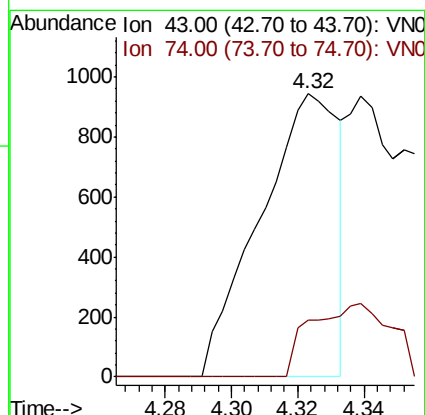
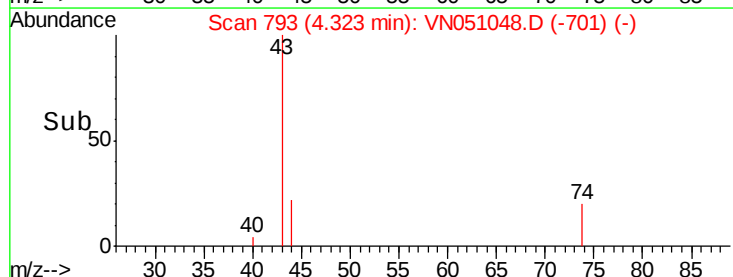
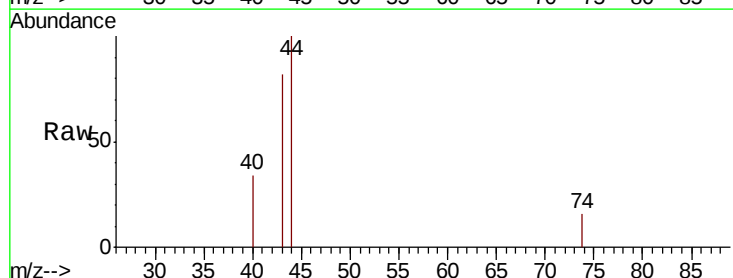
Acq: 7 Sep 2018 12:57

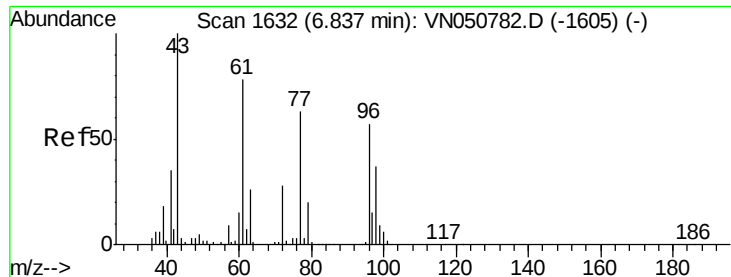
Tgt Ion: 43 Resp: 1561

Ion Ratio Lower Upper

43 100

74 26.3 19.8 29.8

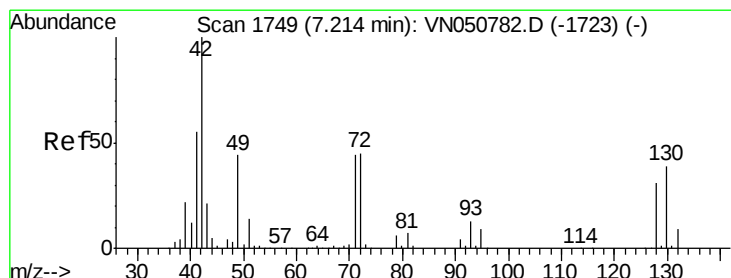
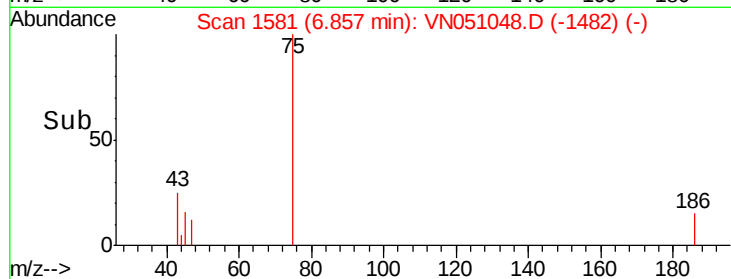
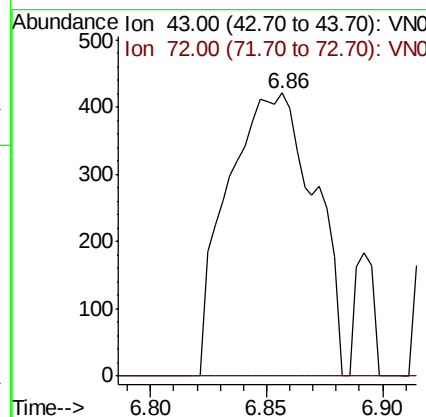
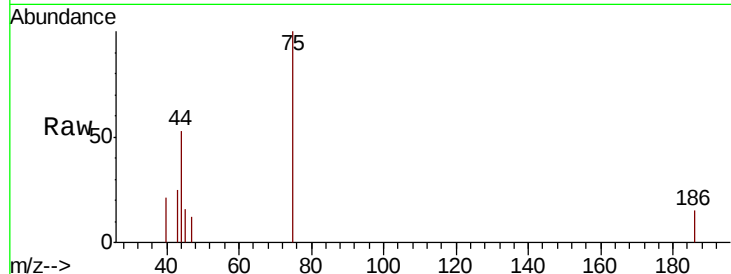




#25
 2-Butanone
 Concen: 0.37 ug/l
 RT: 6.86 min Scan# 1581
 Delta R.T. 0.02 min
 Lab File: VN051048.D
 Acq: 7 Sep 2018 12:57

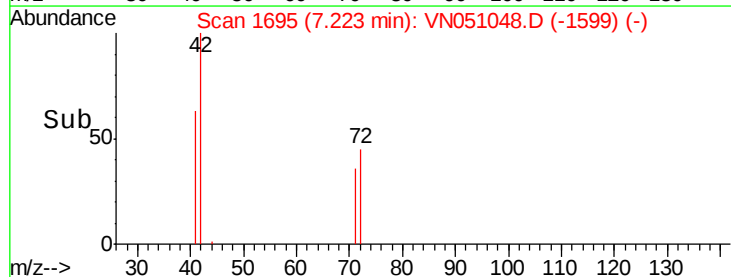
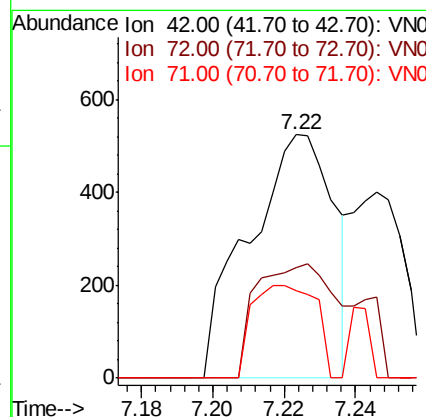
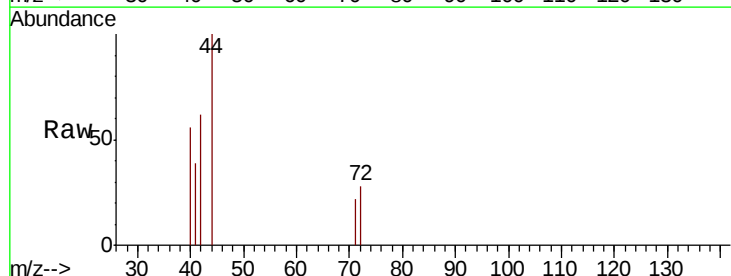
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL02

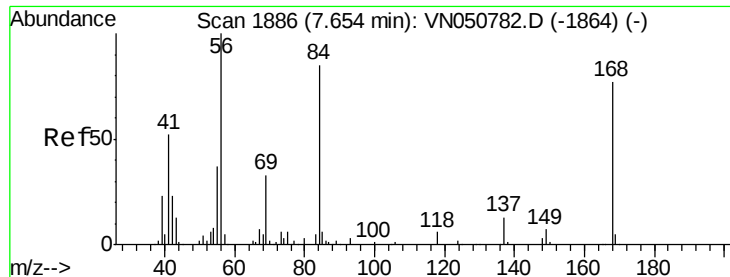
Tot Ion: 43 Resp: 1090
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.3 33.5#



#29
 Tetrahydrofuran
 Concen: 0.51 ug/l
 RT: 7.22 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VN051048.D
 Acq: 7 Sep 2018 12:57

Tgt Ion: 42 Resp: 864
 Ion Ratio Lower Upper
 42 100
 72 53.4 35.5 53.3#
 71 28.4 33.7 50.5#





#31

Cyclohexane

Concen: 1.27 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL02

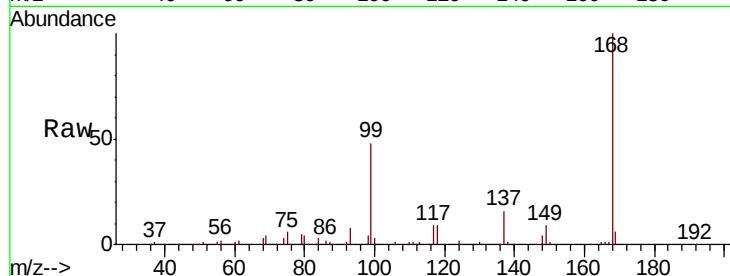
Tot Ion: 56 Resp: 10158

Ion Ratio Lower Upper

56 100

69 228.2 26.2 39.4#

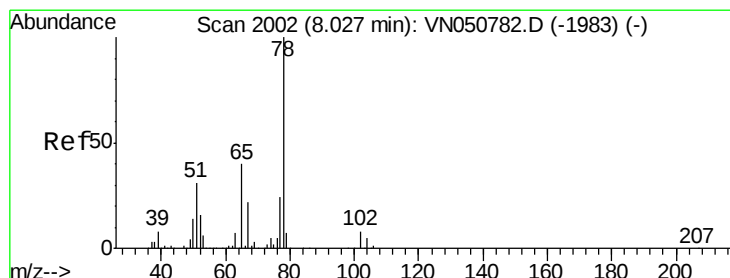
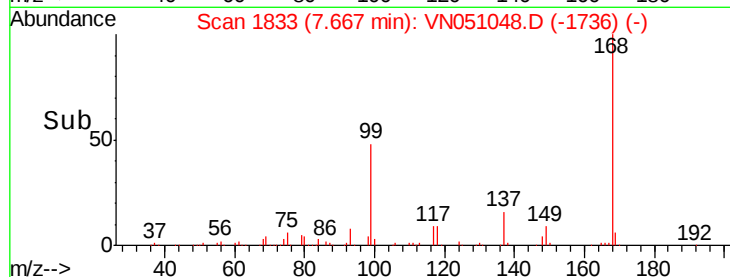
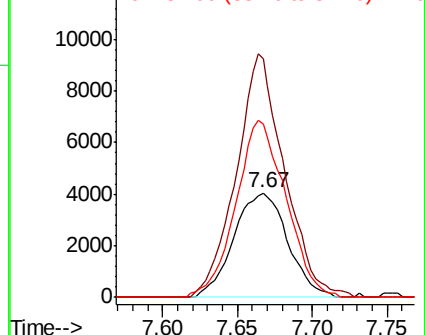
84 166.1 68.3 102.5#



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: 50.54 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051048.D

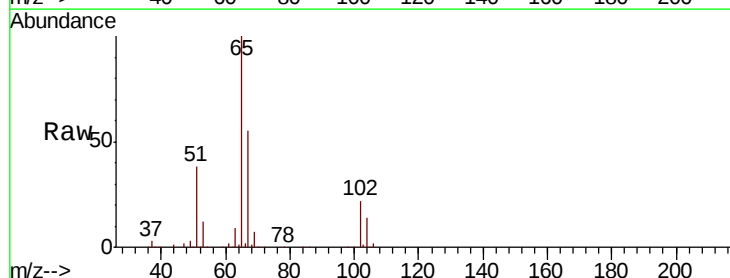
Acq: 7 Sep 2018 12:57

Tgt Ion: 65 Resp: 371550

Ion Ratio Lower Upper

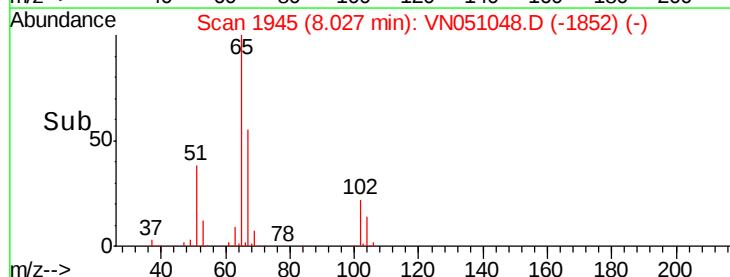
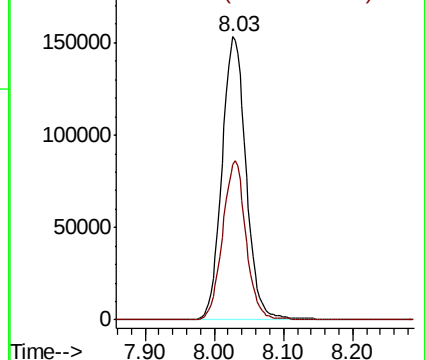
65 100

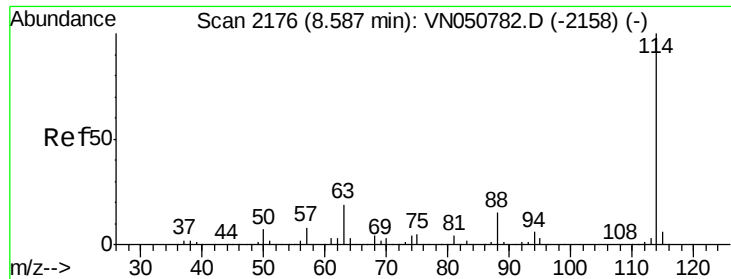
67 54.4 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

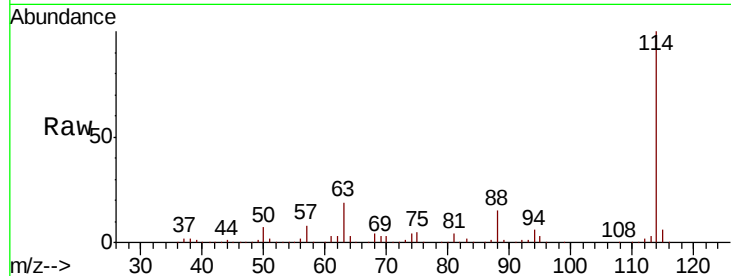




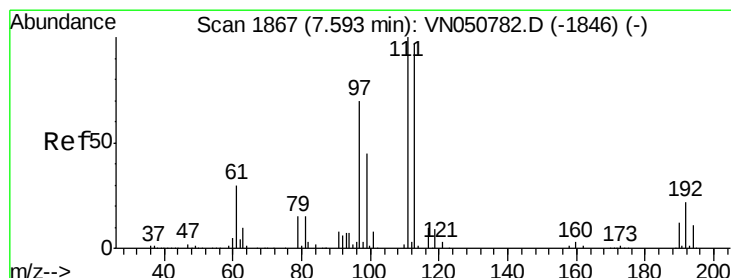
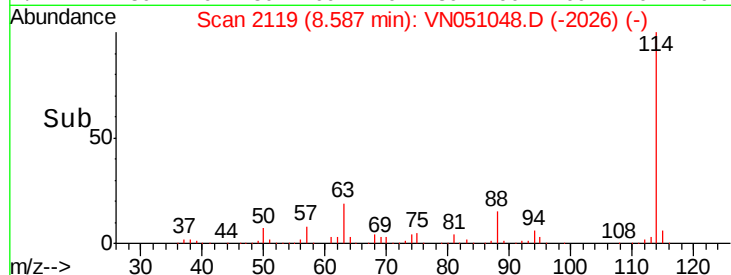
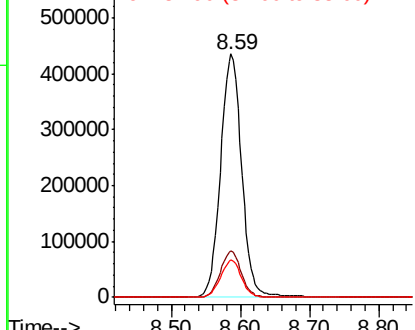
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051048.D
 Acq: 7 Sep 2018 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL02

Tot Ion:114 Resp: 926222
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.2 0.0 30.6

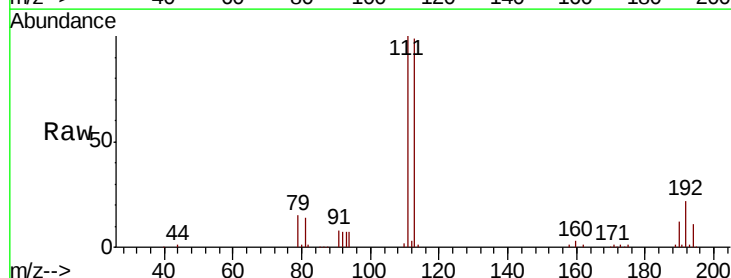


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

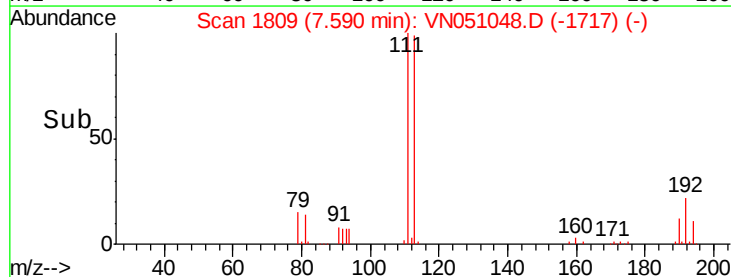
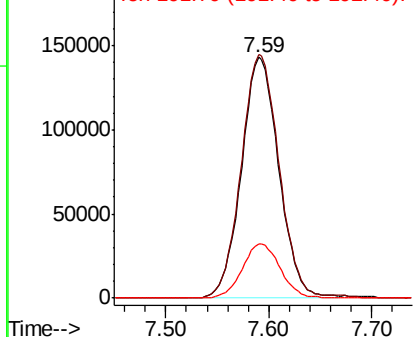


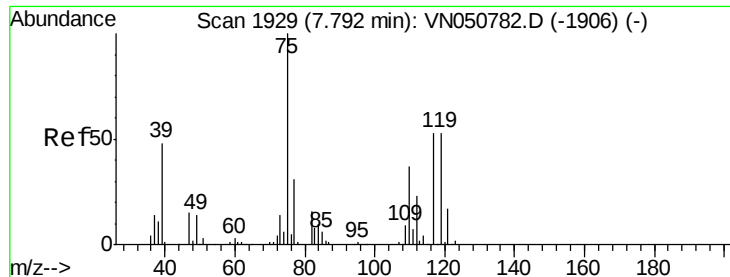
#35
 Dibromofluoromethane
 Concen: 48.91 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051048.D
 Acq: 7 Sep 2018 12:57

Tgt Ion:113 Resp: 360407
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 123.8
 192 22.9 18.0 27.0



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

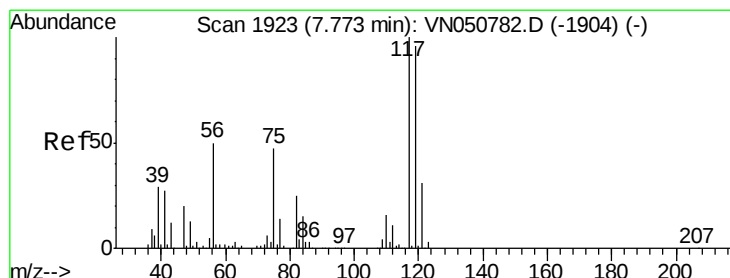
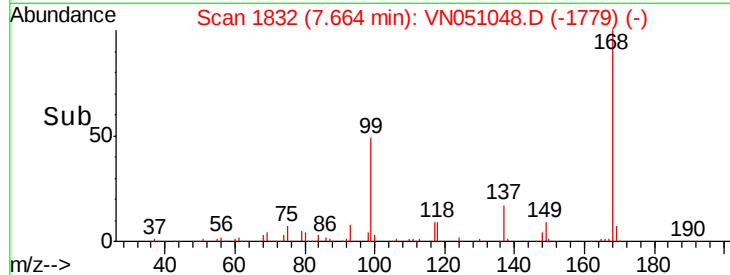
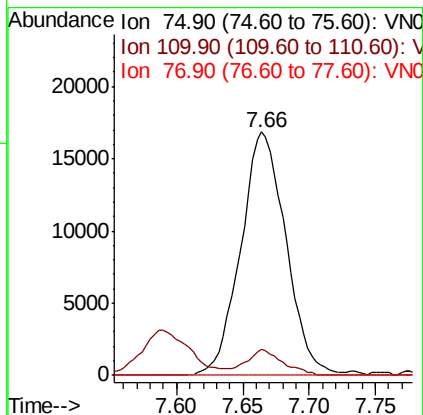
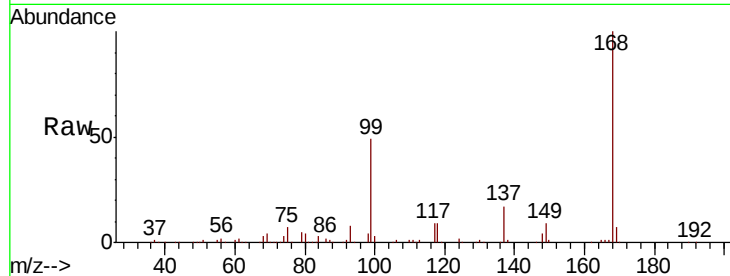




#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051048.D
 Acq: 7 Sep 2018 12:57

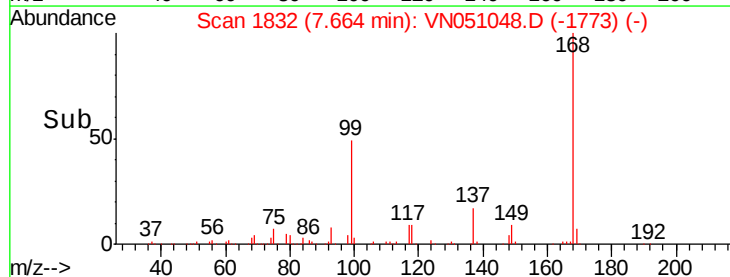
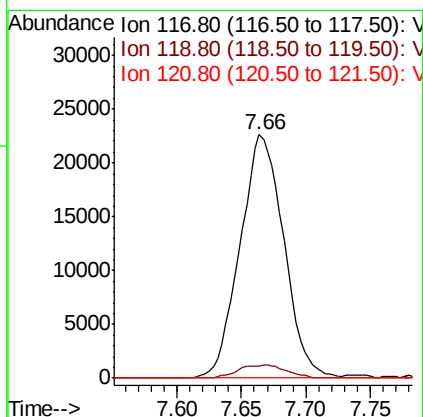
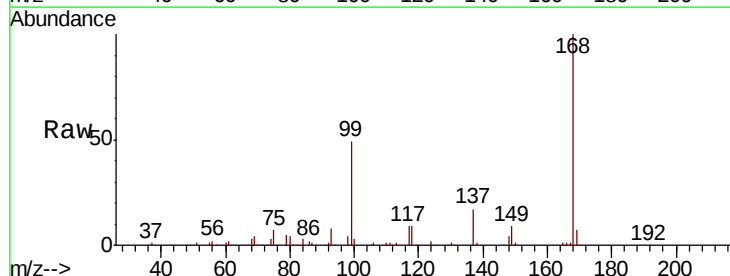
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL02

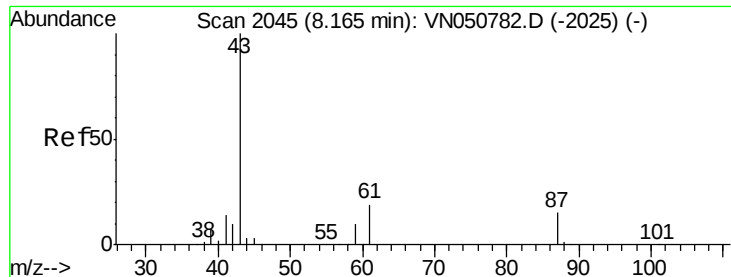
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.83 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN051048.D
 Acq: 7 Sep 2018 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.04 ug/l

RT: 8.28 min Scan# 2023

Delta R.T. 0.11 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL02

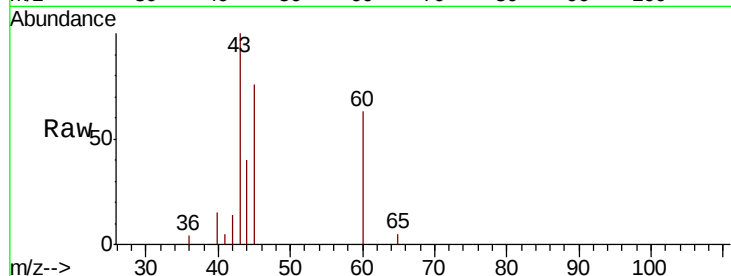
Tot Ion: 43 Resp: 11173

Ion Ratio Lower Upper

43 100

61 0.0 17.5 26.3#

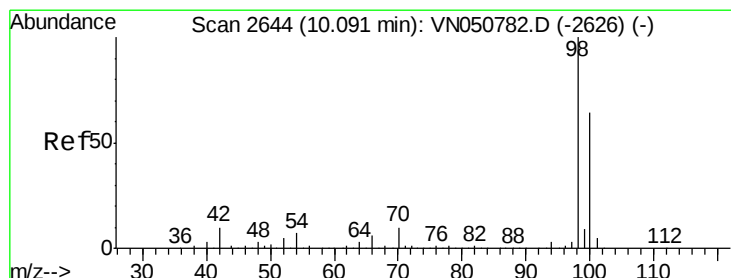
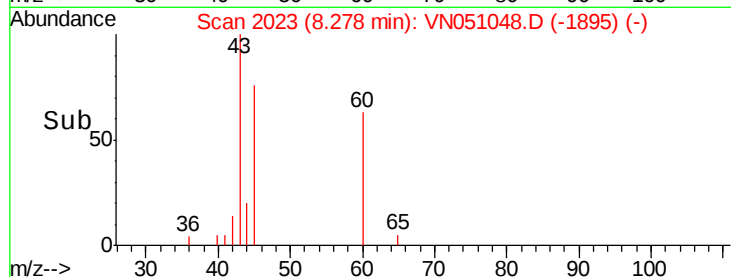
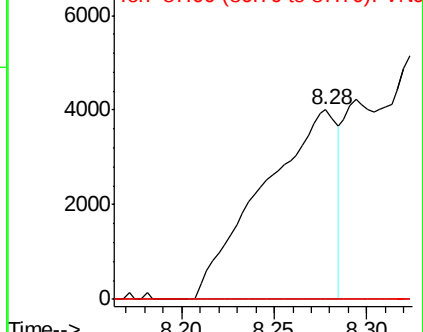
87 0.0 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 47.01 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051048.D

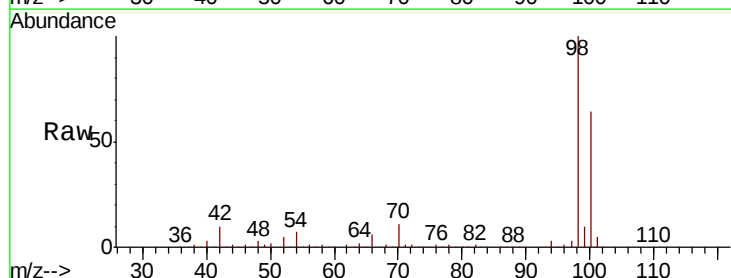
Acq: 7 Sep 2018 12:57

Tgt Ion: 98 Resp: 1295200

Ion Ratio Lower Upper

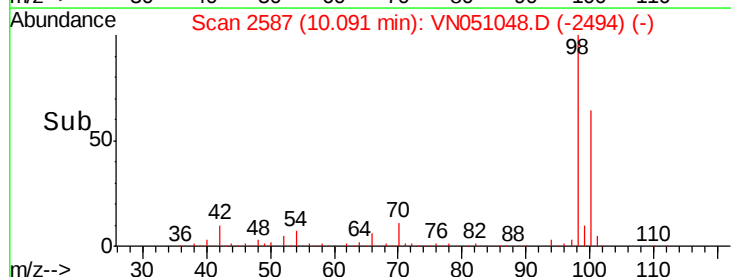
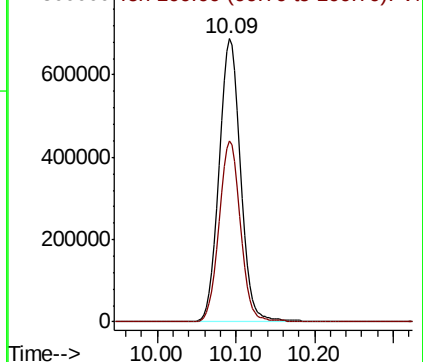
98 100

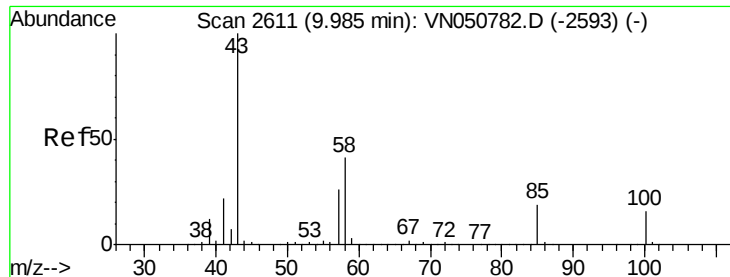
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.26 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

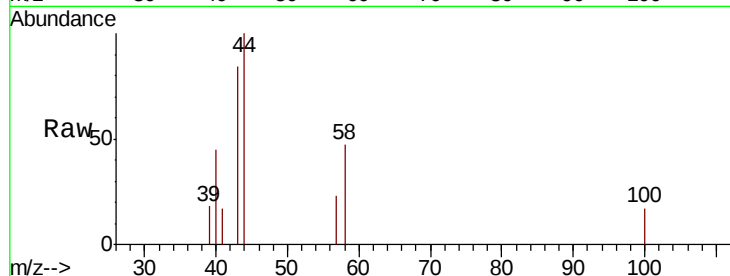
VN0907WBL02

Tot Ion: 43 Resp: 1670

Ion Ratio Lower Upper

43 100

58 25.1 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800

600

400

200

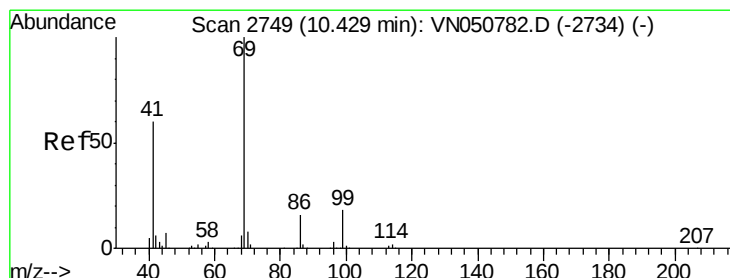
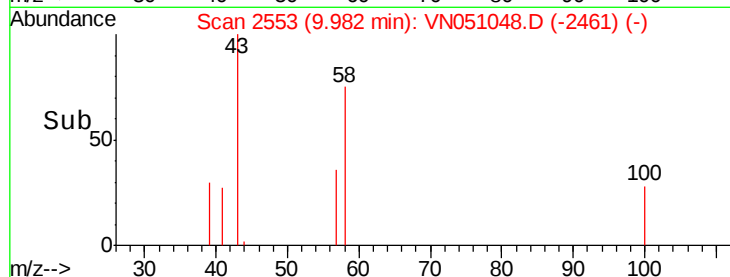
0

9.95

9.98

10.00

Time-->



#56

Ethyl methacrylate

Concen: 2.37 ug/l

RT: 10.44 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

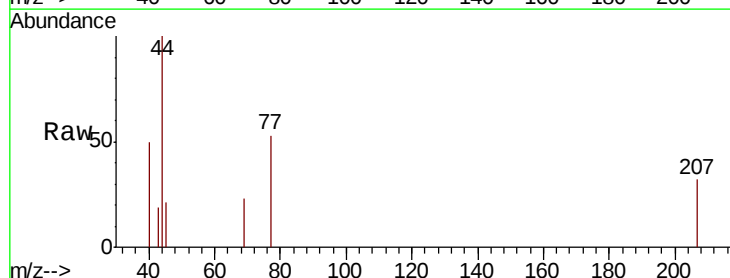
Tgt Ion: 69 Resp: 235

Ion Ratio Lower Upper

69 100

41 0.0 48.3 72.5#

39 0.0 24.0 36.0#



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

250

200

150

100

50

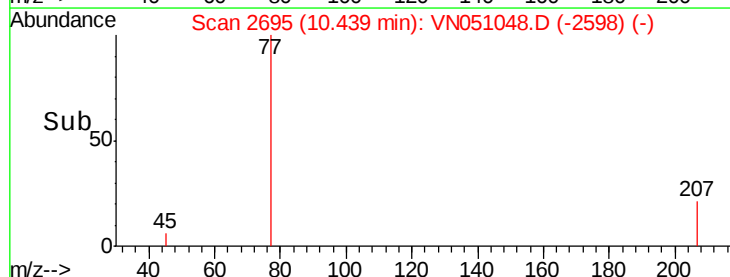
0

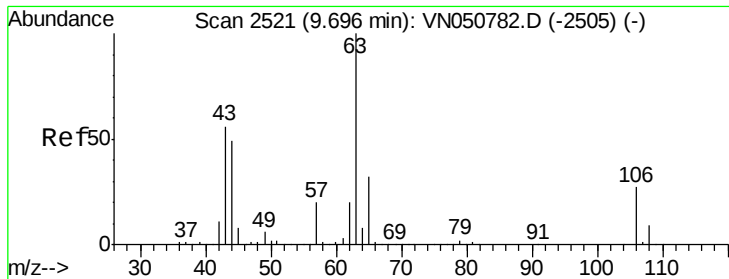
10.42

10.44

10.46

Time-->

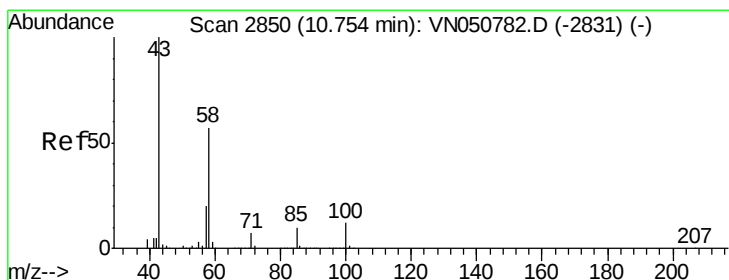
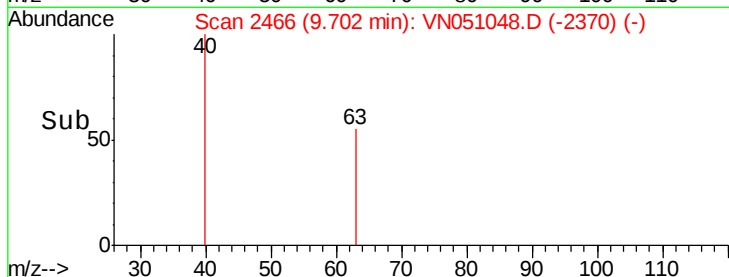
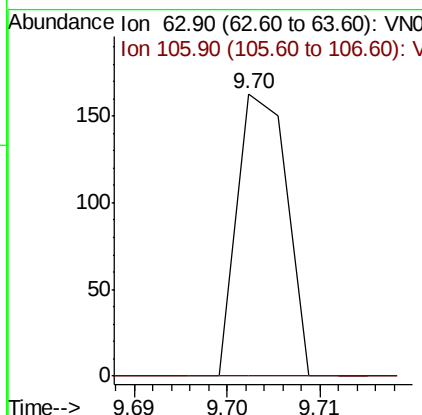
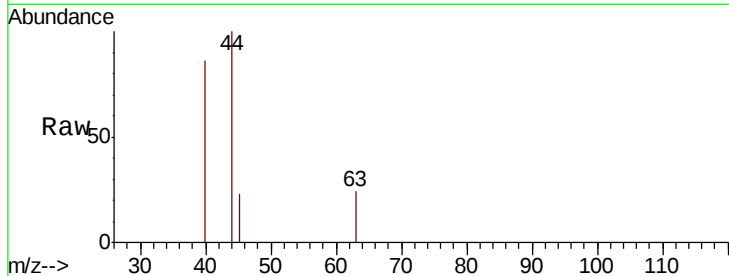




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.23 ug/l
 RT: 9.70 min Scan# 2466
 Delta R.T. 0.01 min
 Lab File: VN051048.D
 Acq: 7 Sep 2018 12:57

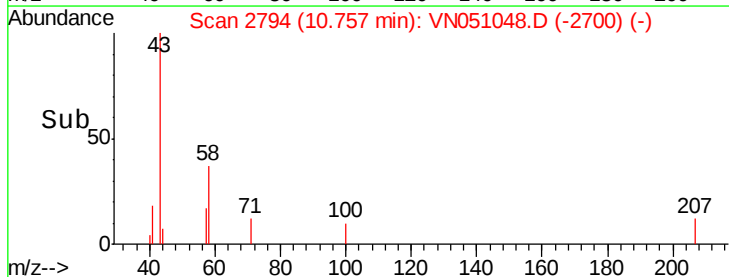
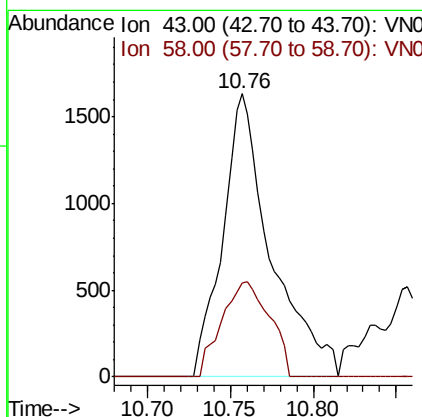
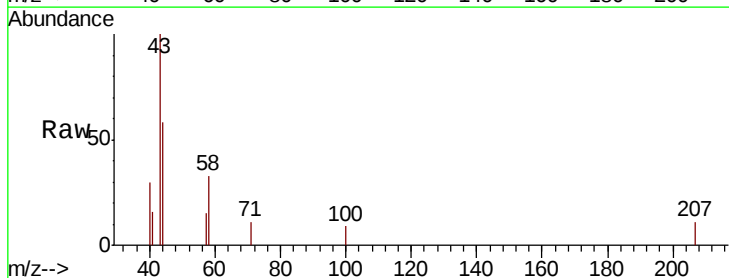
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL02

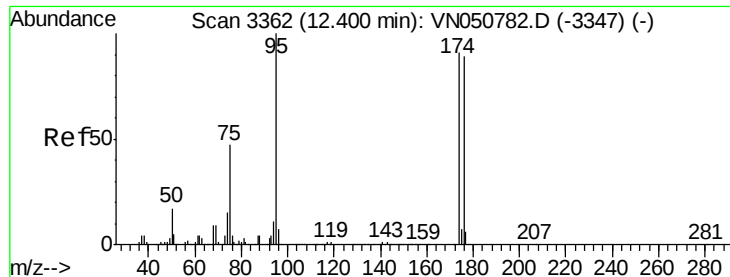
Tot Ion: 63 Resp: 60
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.9 32.9#



#59
 2-Hexanone
 Concen: 0.77 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: VN051048.D
 Acq: 7 Sep 2018 12:57

Tgt Ion: 43 Resp: 3308
 Ion Ratio Lower Upper
 43 100
 58 33.4 28.3 85.0





#62

4-Bromofluorobenzene

Concen: 36.27 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL02

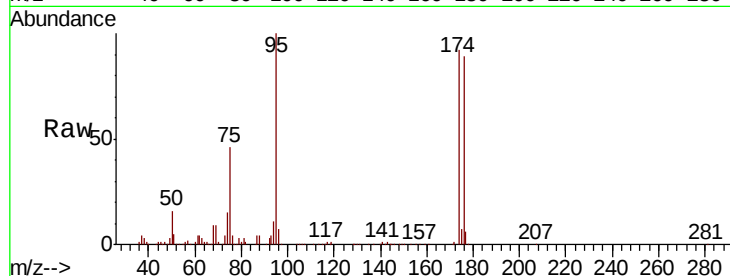
Tot Ion: 95 Resp: 332076

Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.0

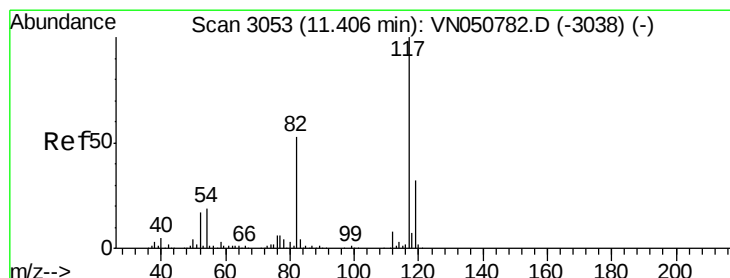
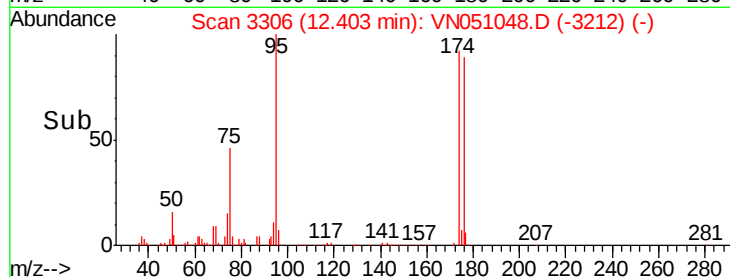
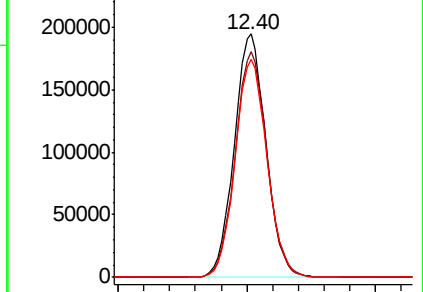
176 90.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN050782.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN050782.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN050782.D (-3347) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

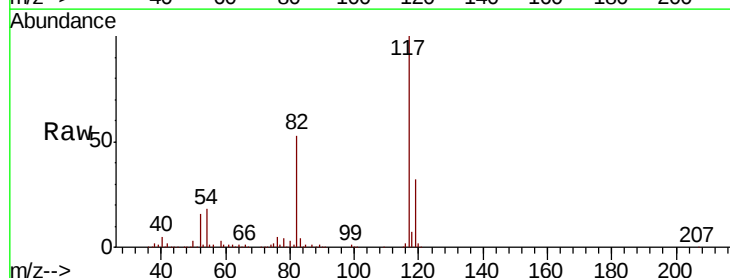
Tgt Ion: 117 Resp: 791084

Ion Ratio Lower Upper

117 100

82 52.7 42.6 64.0

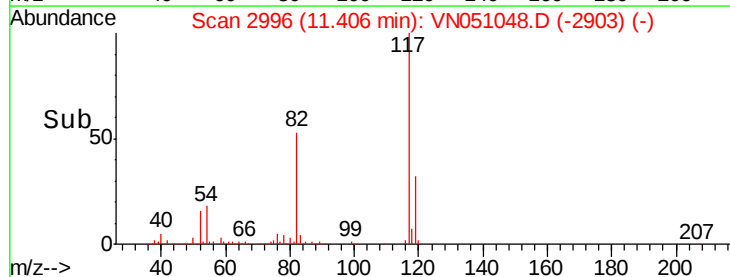
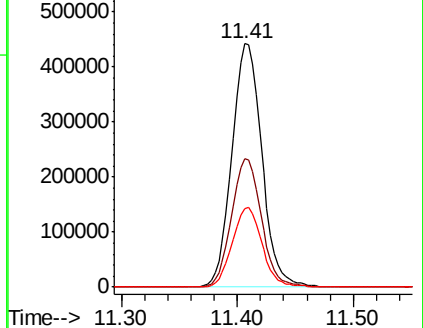
119 32.5 25.8 38.6

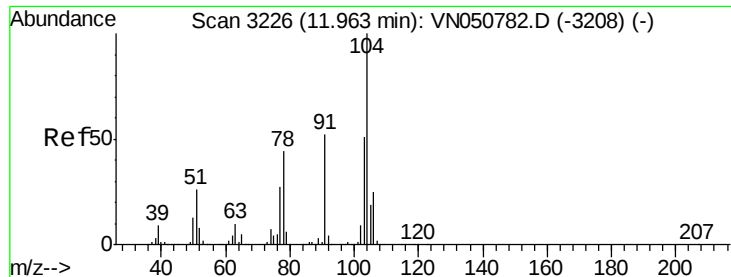


Abundance Ion 116.90 (116.60 to 117.60): VN050782.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050782.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050782.D (-3038) (-)

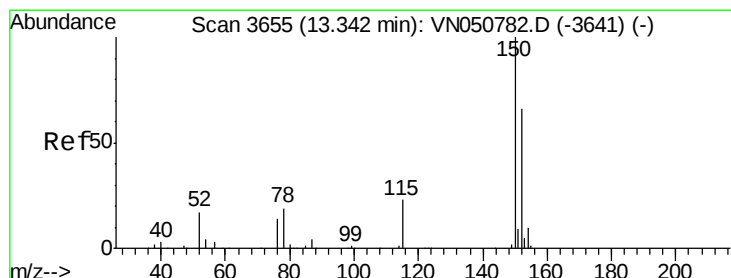
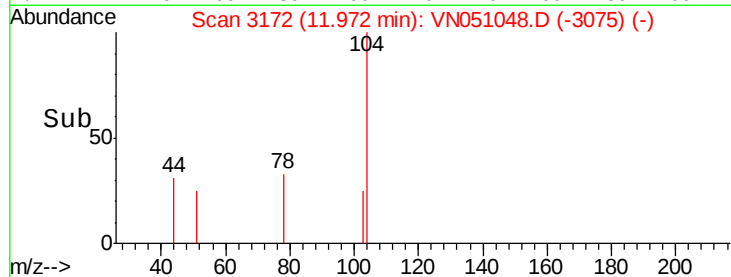
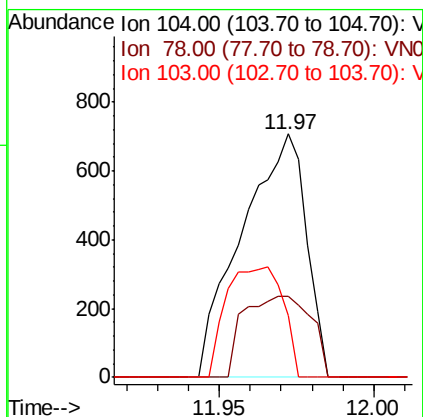
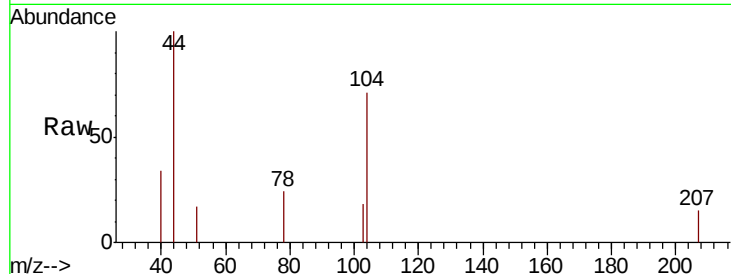




#70
Stvrene
Concen: 1.32 ug/l
RT: 11.97 min Scan# 3172
Delta R.T. 0.01 min
Lab File: VN051048.D
Acq: 7 Sep 2018 12:57

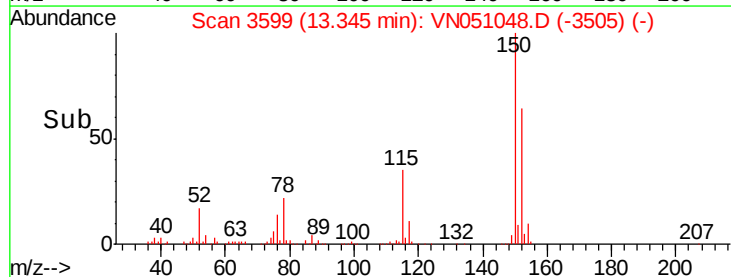
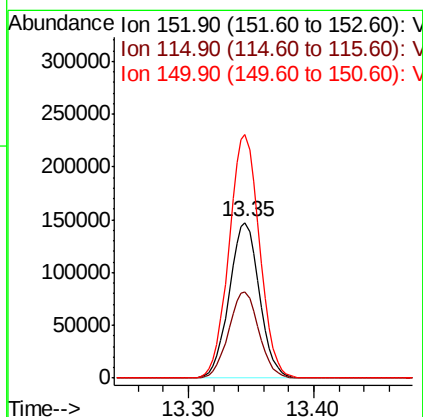
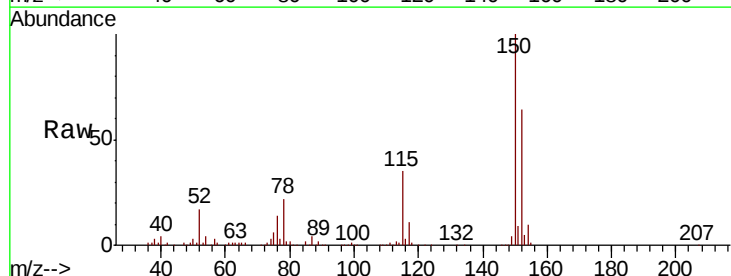
Instrument :
MSVOA_N
ClientSampleId :
VN0907WBL02

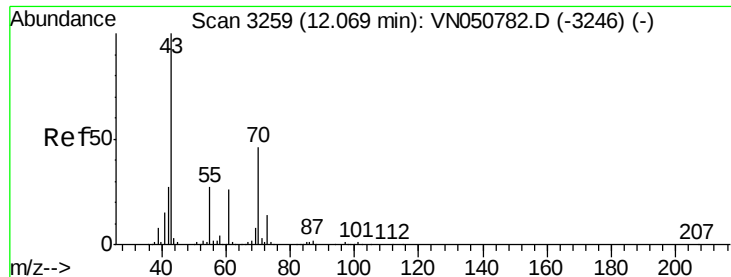
Tot Ion:104 Resp: 1028
Ion Ratio Lower Upper
104 100
78 34.5 38.2 57.4#
103 39.8 44.4 66.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051048.D
Acq: 7 Sep 2018 12:57

Tgt Ion:152 Resp: 245161
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 158.2 0.0 351.4





#74

N-amvl acetate

Concen: 0.24 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL02

Tot Ion: 43 Resp: 1213

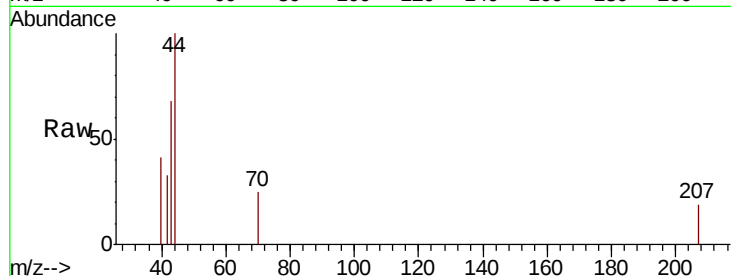
Ion Ratio Lower Upper

43 100

70 21.8 36.2 54.2#

55 0.0 21.8 32.8#

61 0.0 20.5 30.7#

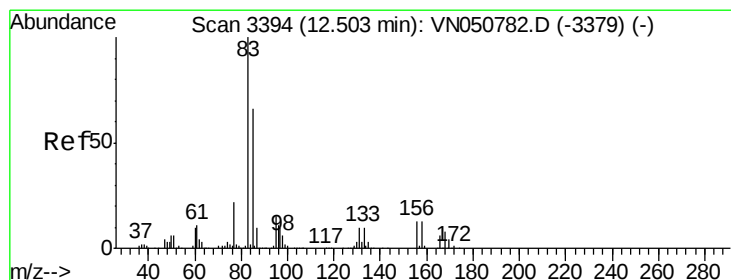
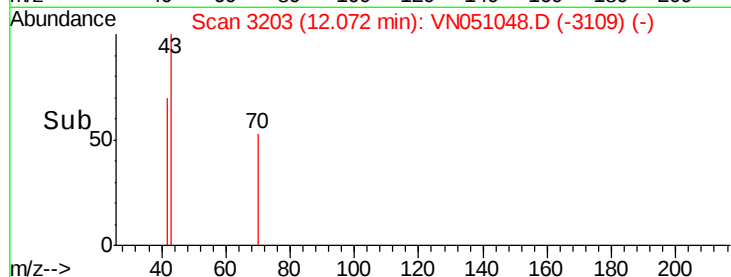
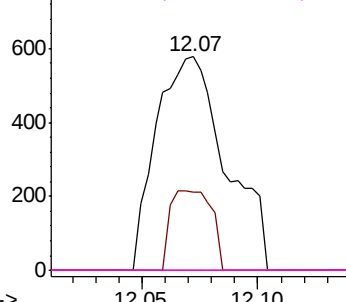


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

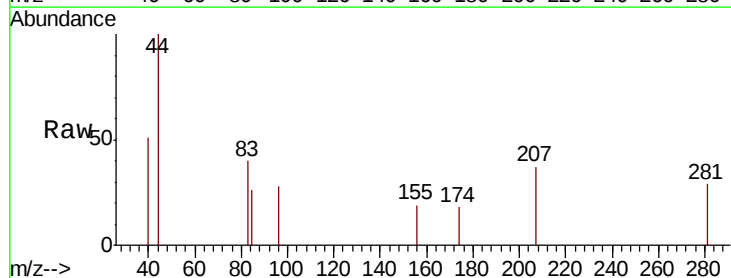
Tgt Ion: 83 Resp: 554

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

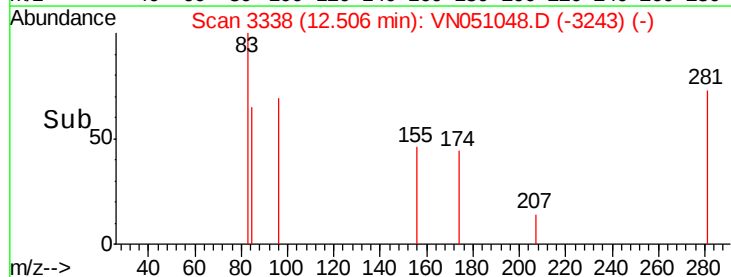
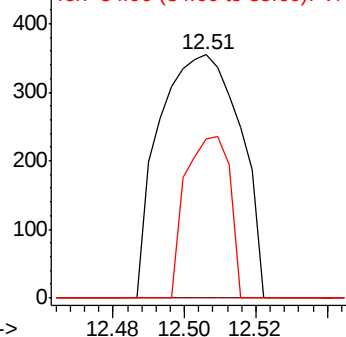
85 36.3 31.9 95.7

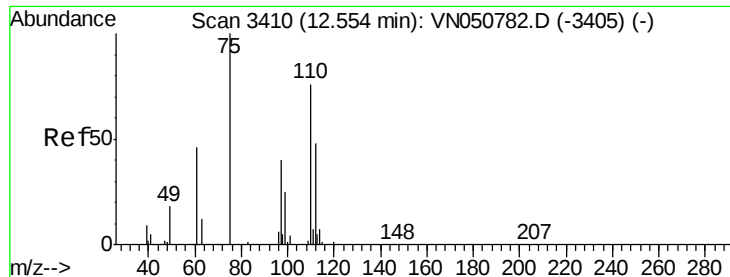


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 35.97 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

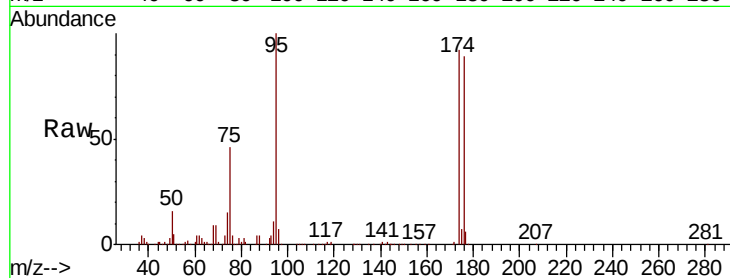
VN0907WBL02

Tot Ion: 75 Resp: 154451

Ion Ratio Lower Upper

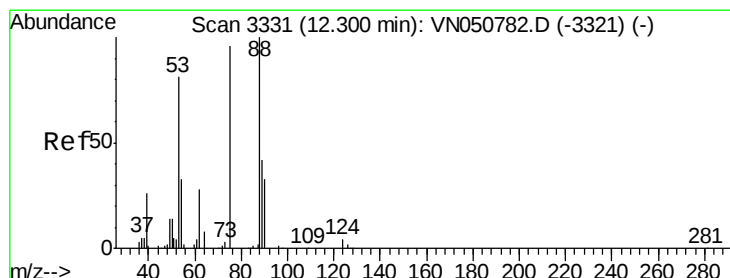
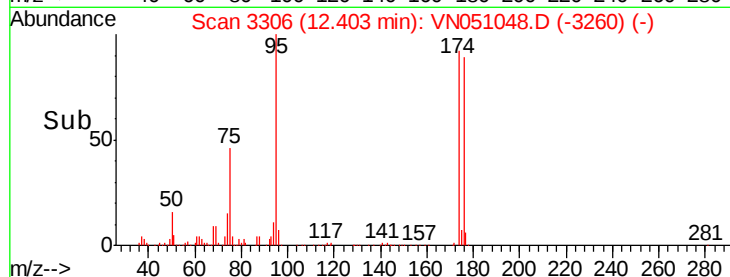
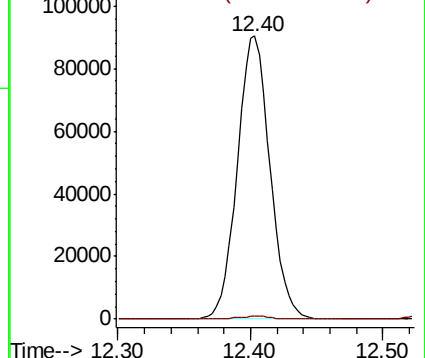
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 121.60 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

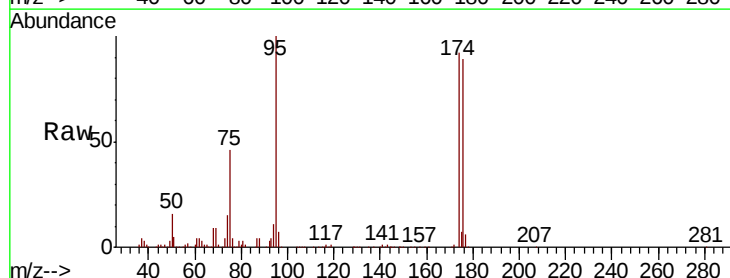
Tgt Ion: 75 Resp: 154451

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

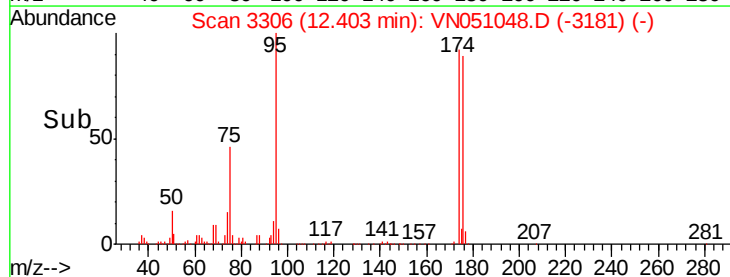
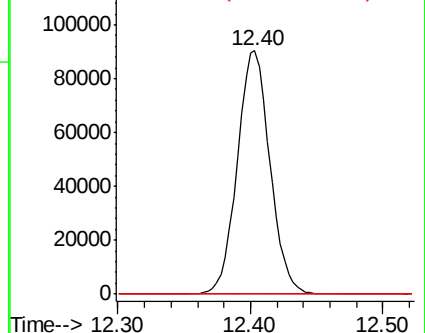
89 0.0 36.1 54.1#

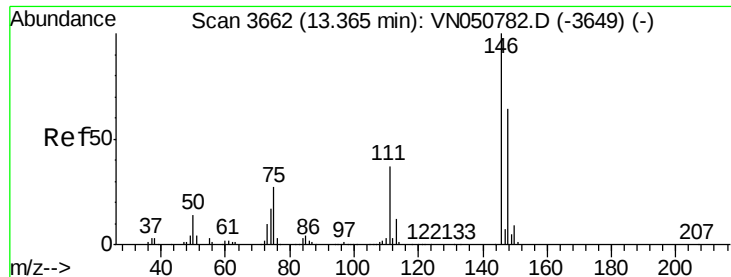


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#88

1,4-Dichlorobenzene

Concen: 0.20 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.08 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL02

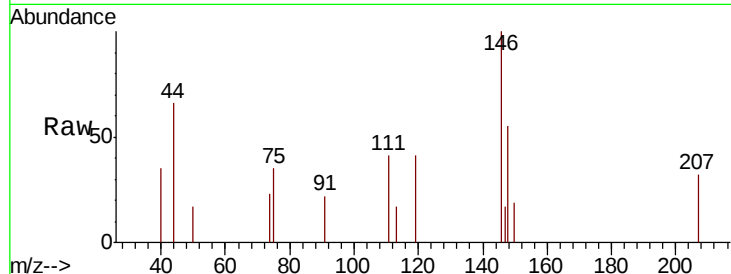
Tot Ion:146 Resp: 1870

Ion Ratio Lower Upper

146 100

111 36.6 18.8 56.3

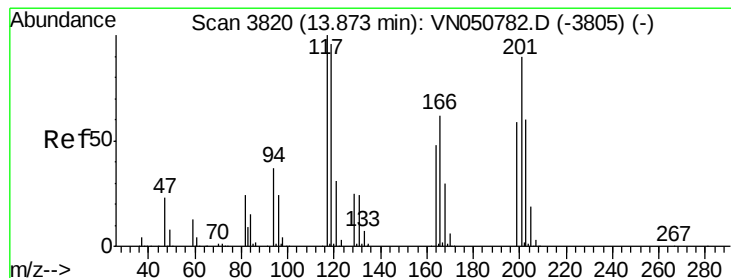
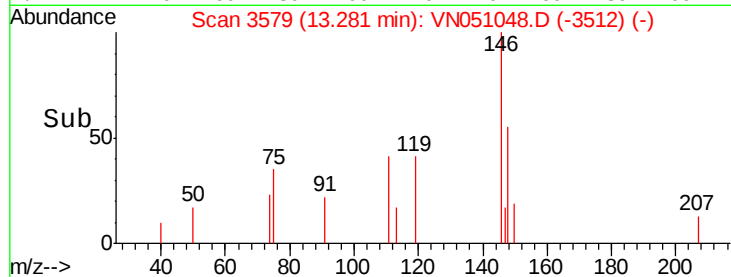
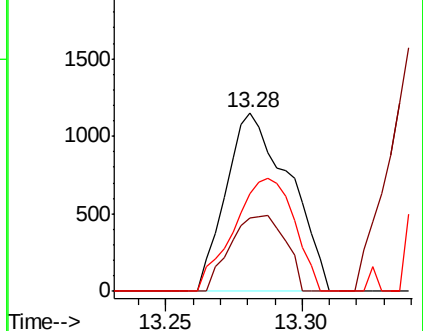
148 60.0 32.2 96.6



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



#90

Hexachloroethane

Concen: 0.22 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.26 min

Lab File: VN051048.D

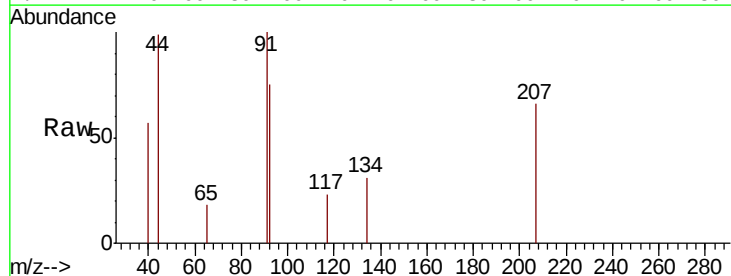
Acq: 7 Sep 2018 12:57

Tgt Ion:117 Resp: 104

Ion Ratio Lower Upper

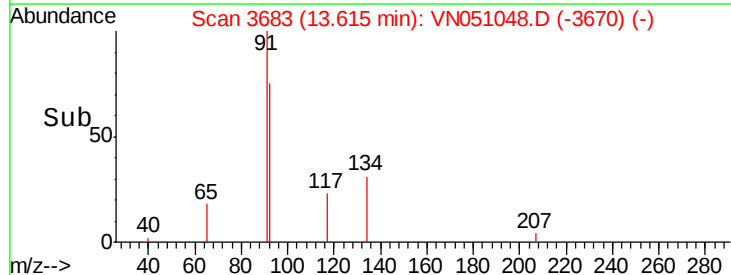
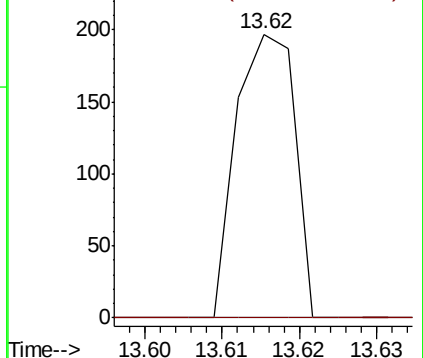
117 100

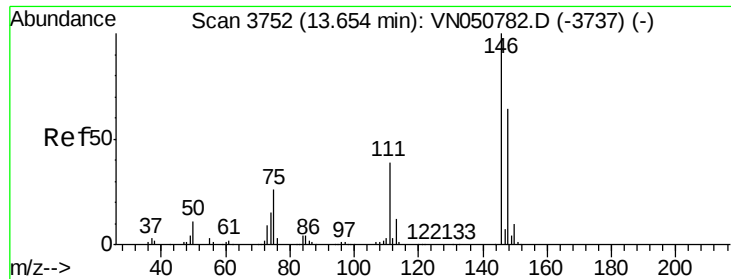
201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

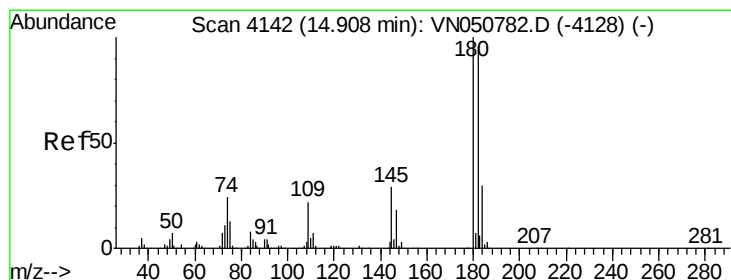
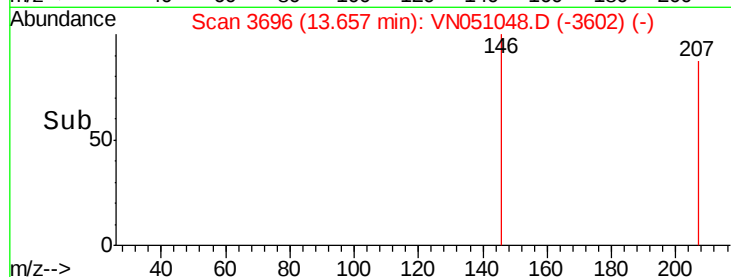
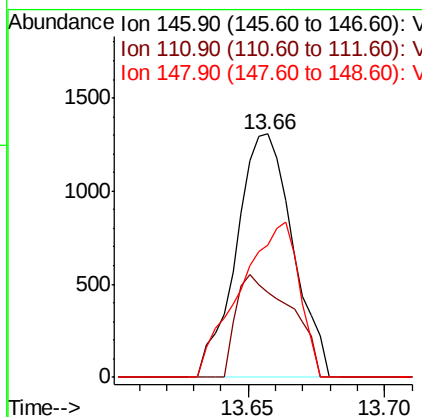
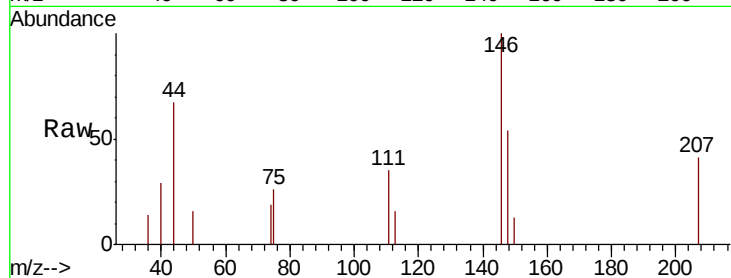




#91
 1,2-Dichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN051048.D
 Acq: 7 Sep 2018 12:57

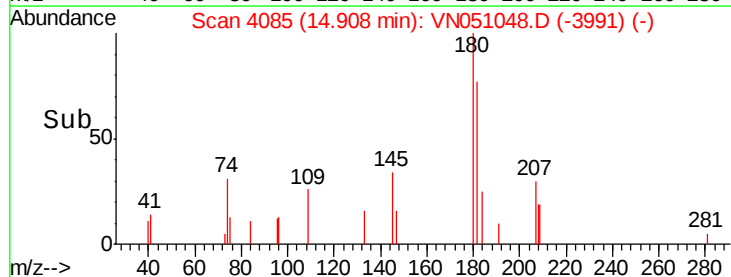
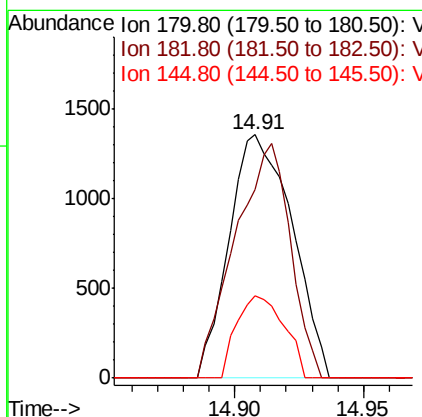
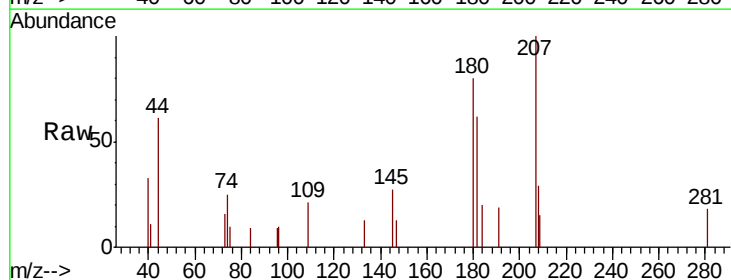
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0907WBL02

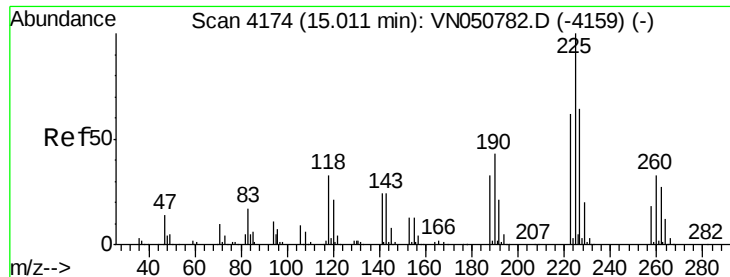
Tot Ion:146 Resp: 1877
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.8 59.3
 148 66.6 32.3 96.8



#93
 1,2,4-Trichlorobenzene
 Concen: 4.53 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051048.D
 Acq: 7 Sep 2018 12:57

Tgt Ion:180 Resp: 2312
 Ion Ratio Lower Upper
 180 100
 182 84.6 48.2 144.6
 145 25.4 14.1 42.2





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL02

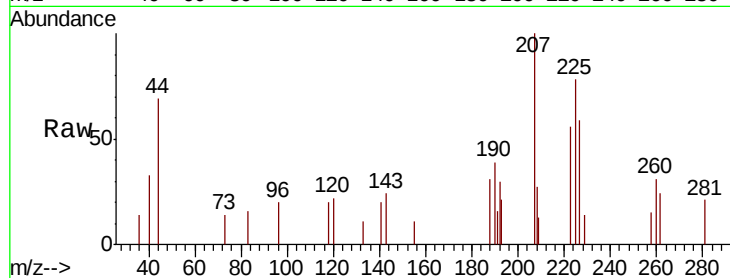
Tot Ion:225 Resp: 1719

Ion Ratio Lower Upper

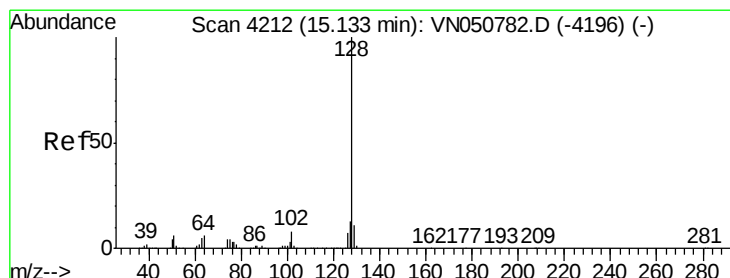
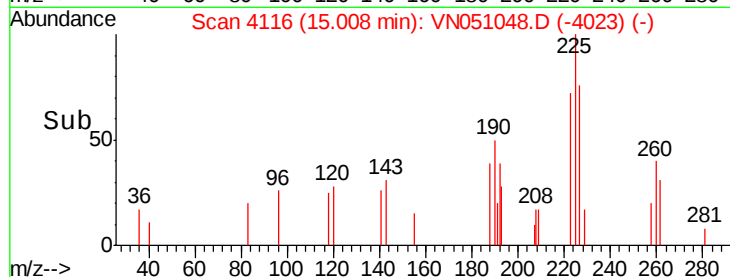
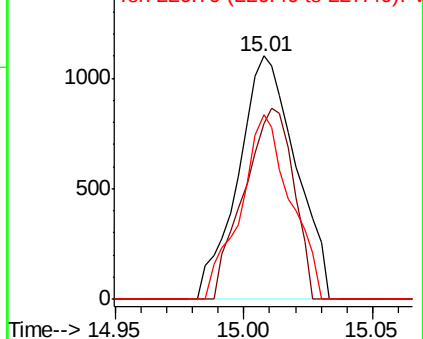
225 100

223 67.5 31.3 93.8

227 65.8 32.0 96.2



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: 5.96 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

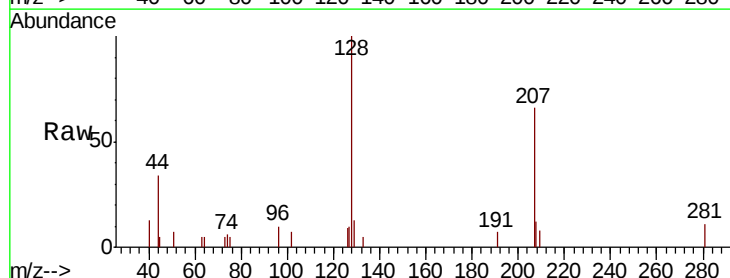
Tgt Ion:128 Resp: 6144

Ion Ratio Lower Upper

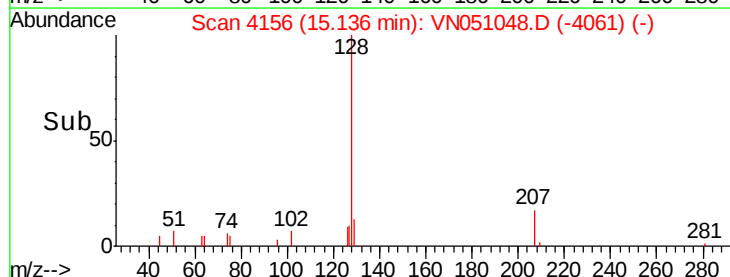
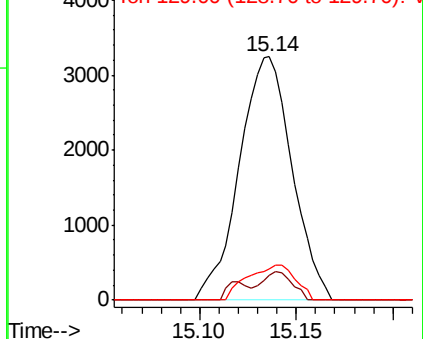
128 100

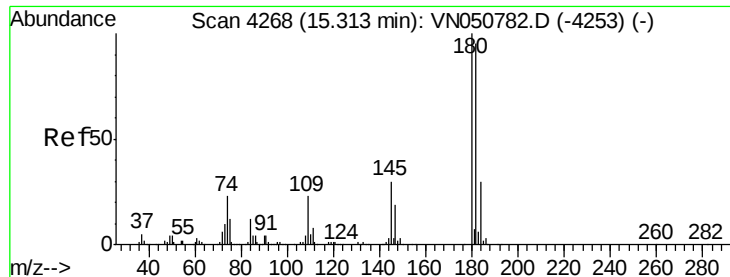
127 6.7 10.5 15.7#

129 12.9 8.7 13.1



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





#96

1,2,3-Trichlorobenzene

Concen: 3.92 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN051048.D

Acq: 7 Sep 2018 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0907WBL02

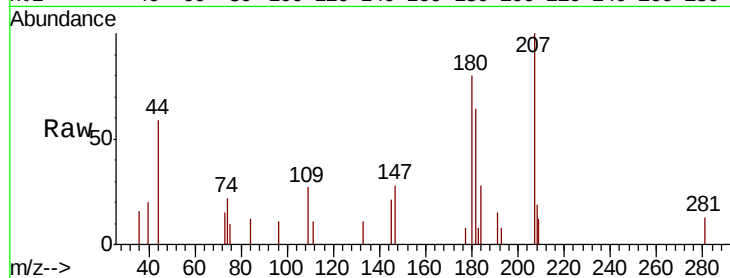
Tot Ion:180 Resp: 2941

Ion Ratio Lower Upper

180 100

182 96.9 48.0 144.2

145 25.0 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

