

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049342.D
 Acq On : 18 Jun 2018 14:47
 Operator : MD\SY
 Sample : PB110313TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:31:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1331905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2068805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1700329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	503574	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	844942	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
35) Dibromofluoromethane	7.59	113	747527	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	
50) Toluene-d8	10.09	98	2815733	44.18	ug/l	0.00
Spiked Amount			Recovery	=	88.36%	
62) 4-Bromofluorobenzene	12.40	95	735708	34.91	ug/l	0.00
Spiked Amount			Recovery	=	69.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	5206	0.26	ug/l	98
5) Bromomethane	2.57	94	5175	0.47	ug/l	93
10) Methyl Iodide	3.96	142	6226	0.36	ug/l #	70
11) Tert butyl alcohol	4.74	59	4106	3.96	ug/l #	75
13) Acrolein	3.62	56	893	0.82	ug/l #	67
15) Acrylonitrile	4.99	53	1292	0.25	ug/l #	70
16) Acetone	3.82	43	60007	13.99	ug/l	96
17) Carbon Disulfide	4.05	76	11119	0.23	ug/l #	88
18) Methyl Acetate	4.33	43	91721	7.01	ug/l	94
20) Methylene Chloride	4.55	84	69224	3.86	ug/l	90
25) 2-Butanone	6.85	43	12431	2.16	ug/l	92
29) Tetrahydrofuran	7.23	42	3359	0.91	ug/l #	83
31) Cyclohexane	7.67	56	23816	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	90268	3.81	ug/l #	51
38) Carbon Tetrachloride	7.67	117	120528	4.91	ug/l #	17
43) Isopropyl Acetate	8.21	43	1365031	55.43	ug/l #	64
49) 1,4-Dioxane	9.19	88	842	5.26	ug/l #	54
51) 4-Methyl-2-Pentanone	9.99	43	10550	0.82	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	208	14.36	ug/l #	51
59) 2-Hexanone	10.76	43	9584	1.15	ug/l	85
65) Chlorobenzene	11.44	112	27461	0.63	ug/l	98
74) N-amyl acetate	12.08	43	2433	0.22	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.50	83	1387	Below	Cal #	50
76) 1,2,3-Trichloropropane	12.40	75	352091	40.98	ug/l #	100
77) Bromobenzene	12.54	156	4887	0.42	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.40	75	352091	129.51	ug/l #	9
87) 1,3-Dichlorobenzene	13.29	146	4604	0.24	ug/l	96
88) 1,4-Dichlorobenzene	13.29	146	4604	0.24	ug/l	95
89) n-Butylbenzene	13.62	91	6890	0.26	ug/l	98
90) Hexachloroethane	13.87	117	259	Below	Cal #	24
91) 1,2-Dichlorobenzene	13.66	146	4714	0.25	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1767	1.15	ug/l #	44
93) 1,2,4-Trichlorobenzene	14.91	180	8859	5.67	ug/l	99
94) Hexachlorobutadiene	15.01	225	3126	Below	Cal	95

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QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

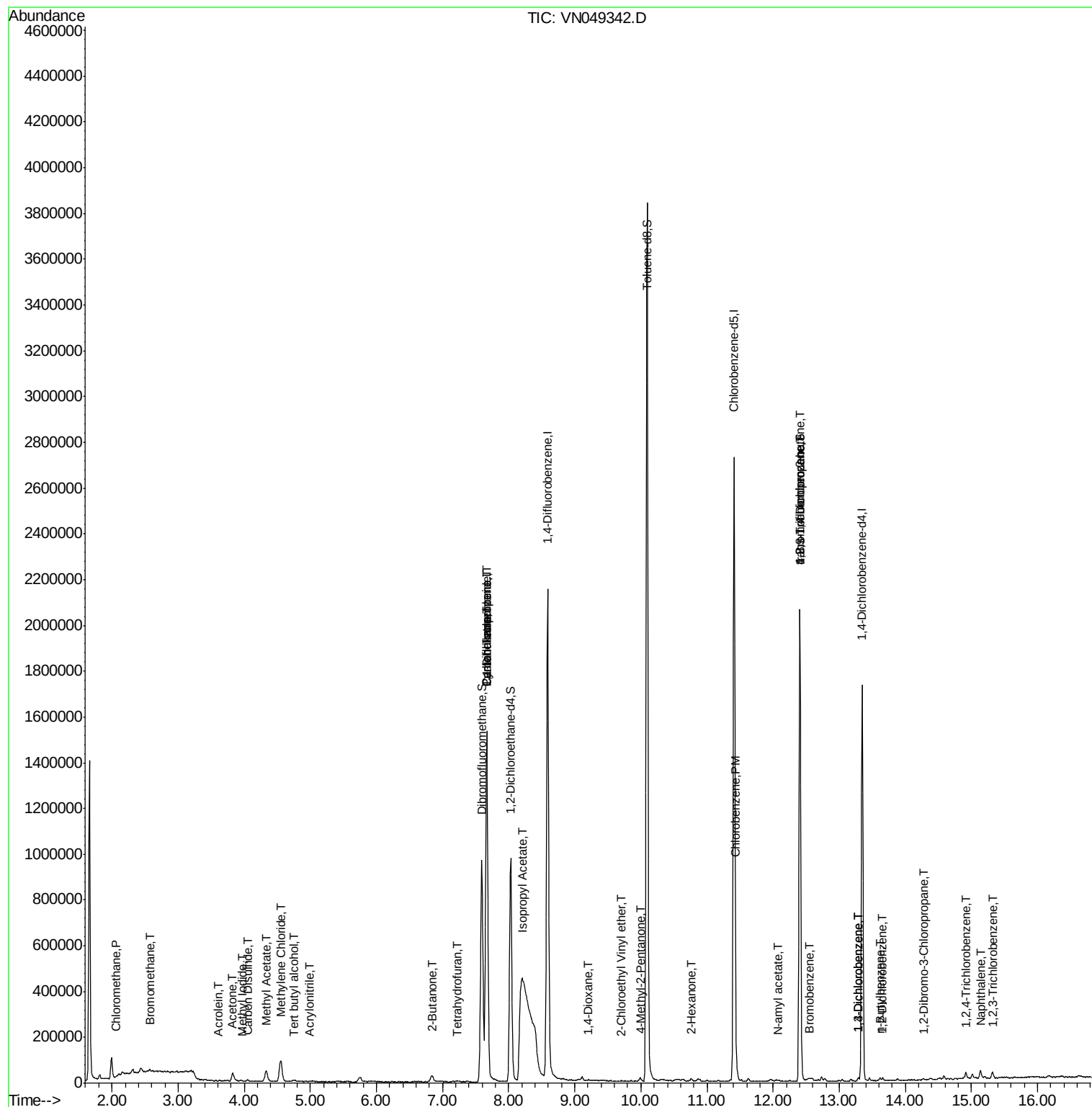
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	26858	4.00	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	9313	4.48	ug/l	97

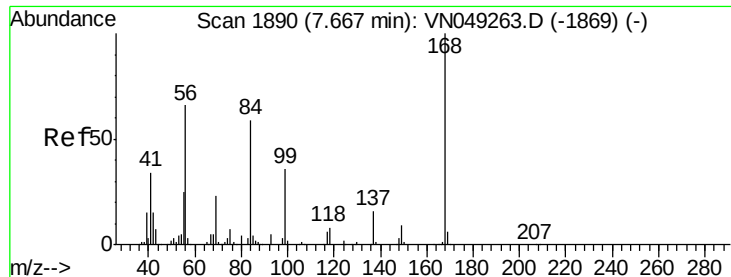
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

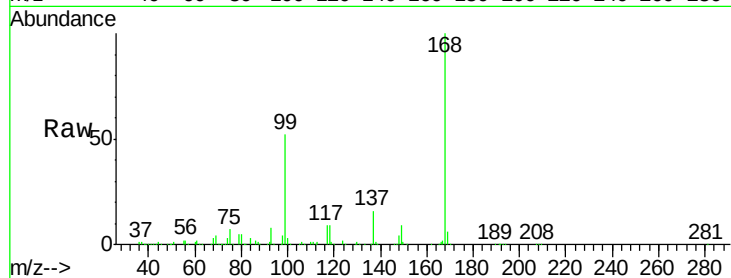
ClientSampled :

Tot Ion:168 Resp: 1331905

Ion Ratio Lower Upper

168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

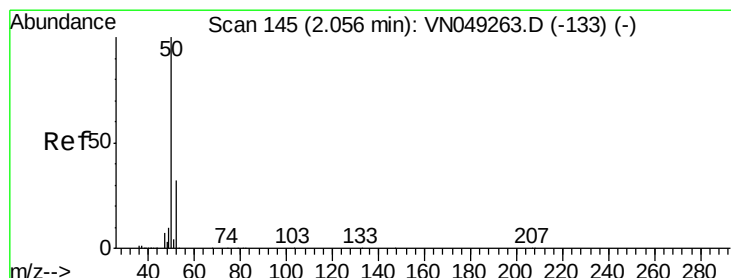
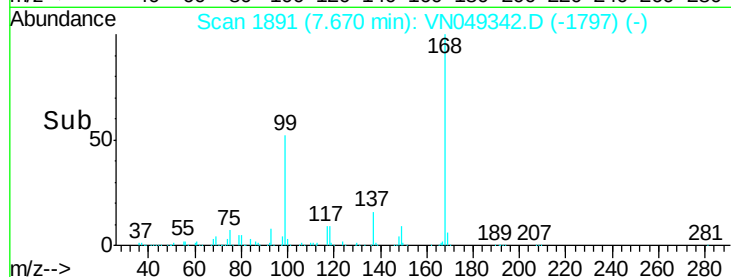
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.26 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049342.D

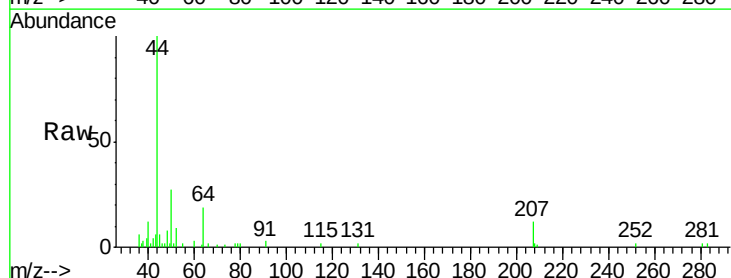
Acq: 18 Jun 2018 14:47

Tgt Ion: 50 Resp: 5206

Ion Ratio Lower Upper

50 100

52 32.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

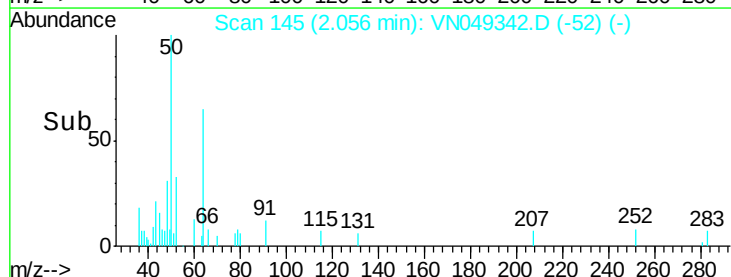
3000

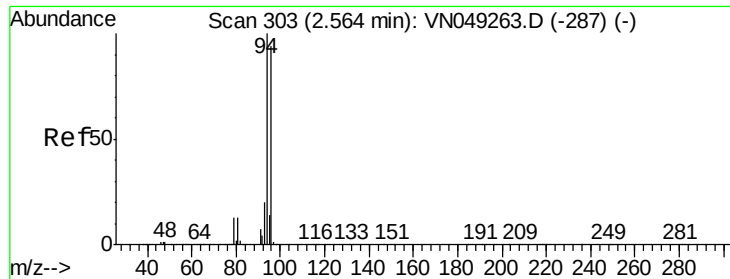
2000

1000

0

Time--> 2.00 2.05 2.10





#5

Bromomethane

Concen: 0.47 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

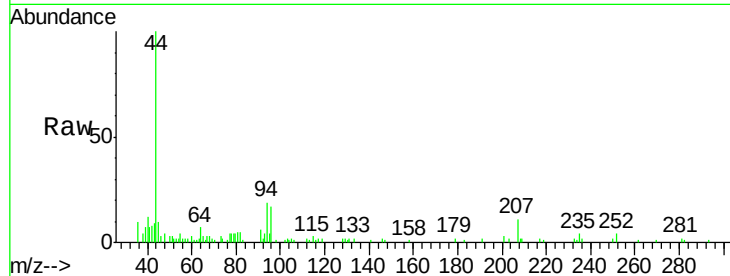
ClientSampleId :

Tot Ion: 94 Resp: 5175

Ion Ratio Lower Upper

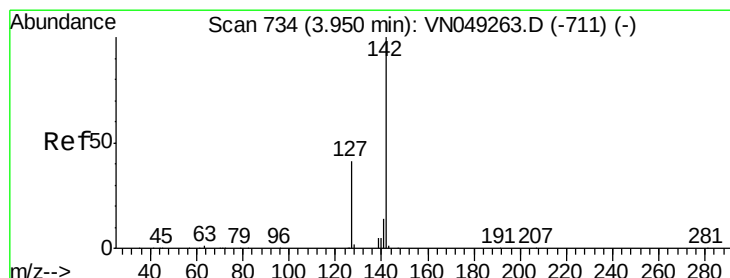
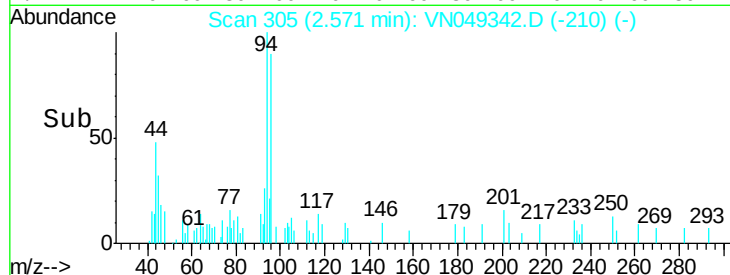
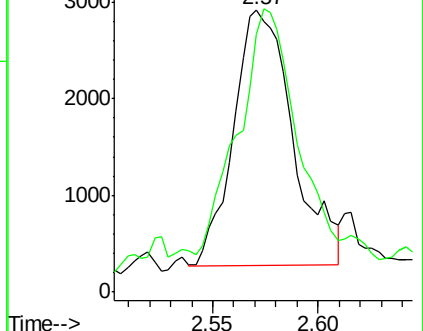
94 100

96 84.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN049263.D (-287) (-)

Ion 95.90 (95.60 to 96.60): VN049263.D (-287) (-)



#10

Methyl Iodide

Concen: 0.36 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.01 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

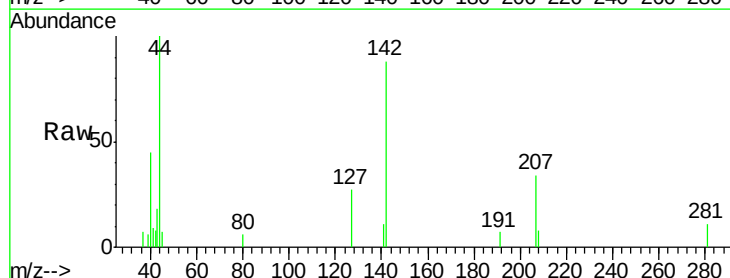
Tgt Ion: 142 Resp: 6226

Ion Ratio Lower Upper

142 100

127 25.6 38.2 57.4#

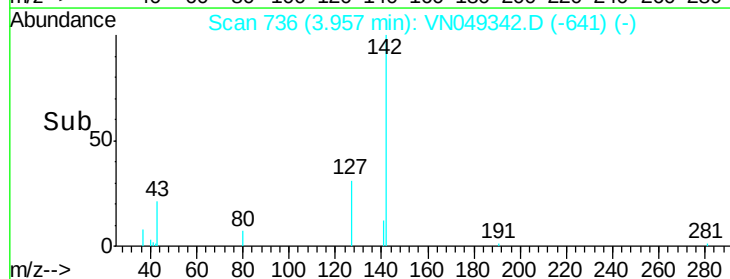
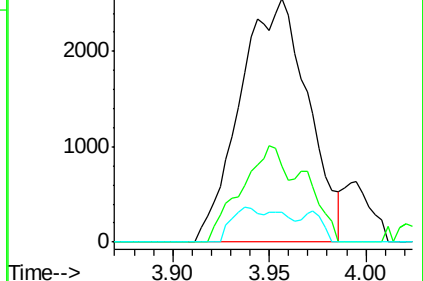
141 6.3 11.9 17.9#

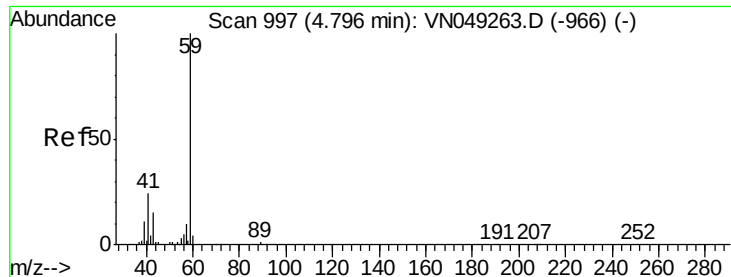


Abundance Ion 141.80 (141.50 to 142.50): VN049263.D (-711) (-)

Ion 126.80 (126.50 to 127.50): VN049263.D (-711) (-)

Ion 140.80 (140.50 to 141.50): VN049263.D (-711) (-)



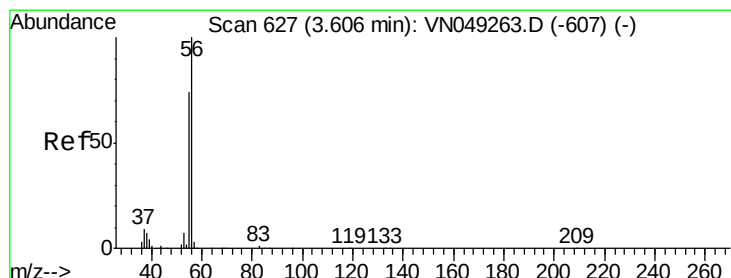
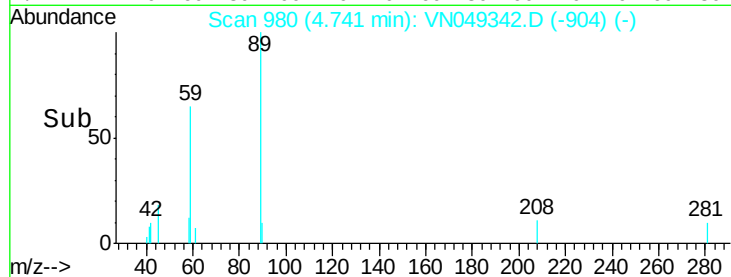
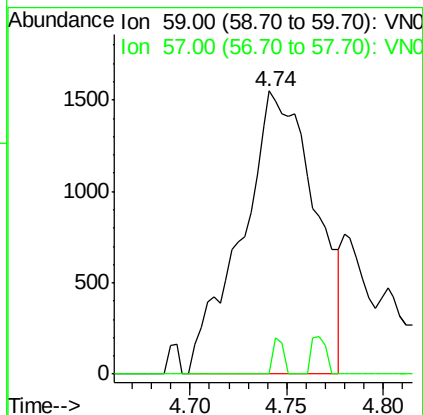
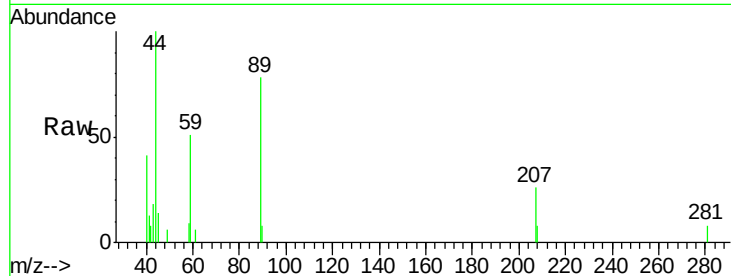


#11

Tert butyl alcohol
 Concen: 3.96 ug/l
 RT: 4.74 min Scan# 980
 Delta R.T. -0.05 min
 Lab File: VN049342.D
 Acq: 18 Jun 2018 14:47

Instrument :
 MSVOA_N
 ClientSampleId :

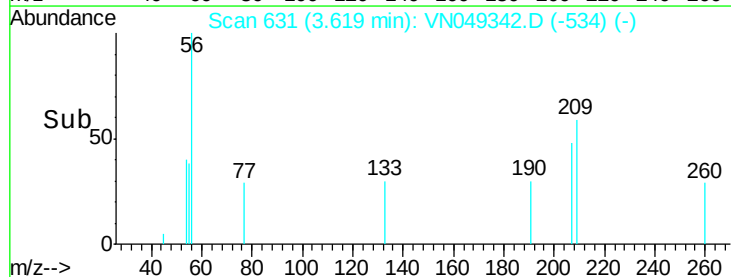
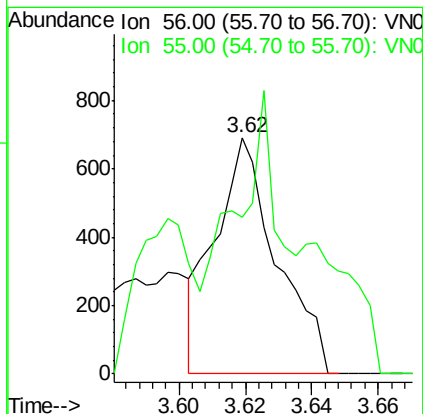
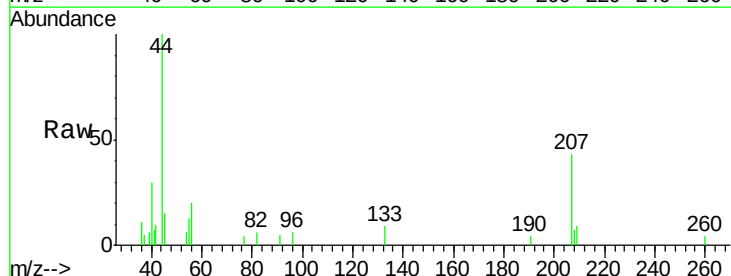
Tot Ion: 59 Resp: 4106
 Ion Ratio Lower Upper
 59 100
 57 1.8 9.0 13.6#

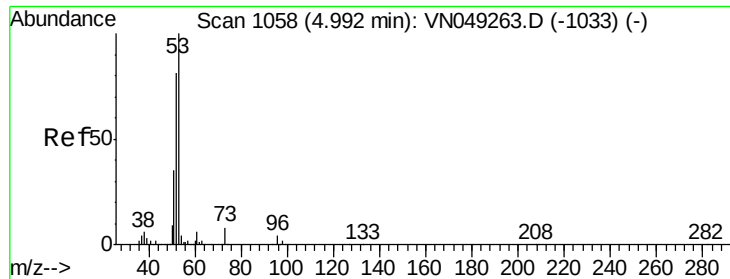


#13

Acrolein
 Concen: 0.82 ug/l
 RT: 3.62 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VN049342.D
 Acq: 18 Jun 2018 14:47

Tgt Ion: 56 Resp: 893
 Ion Ratio Lower Upper
 56 100
 55 44.0 57.1 85.7#

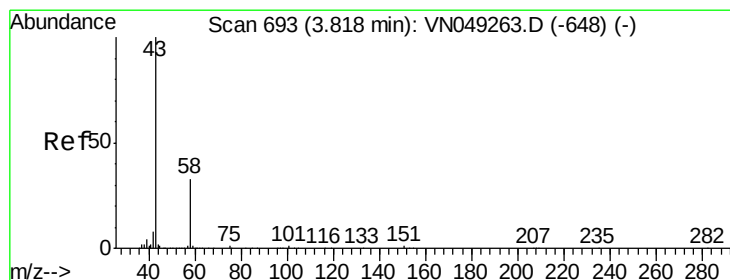
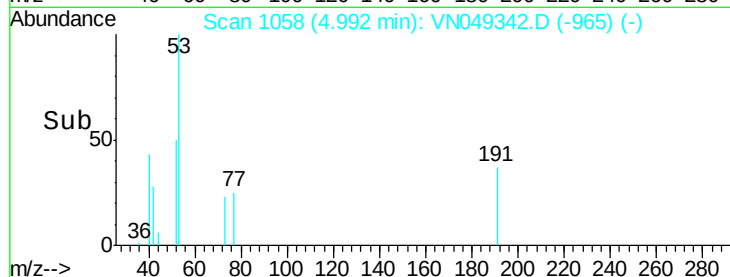
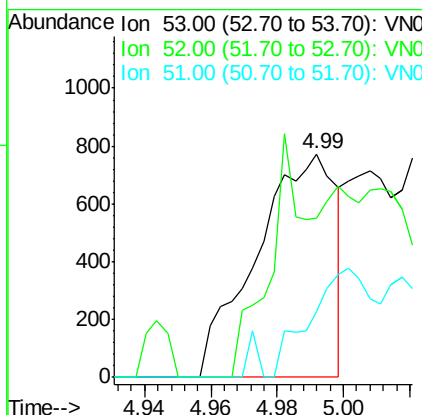
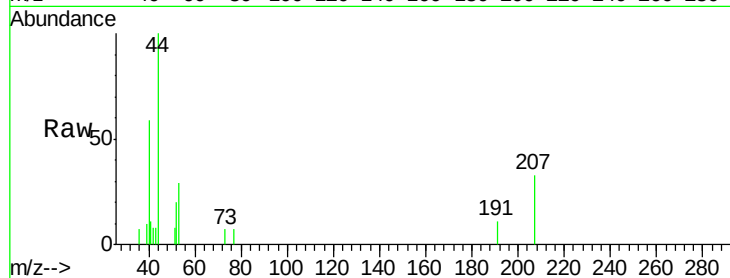




#15
 Acrylonitrile
 Concen: 0.25 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049342.D
 Acq: 18 Jun 2018 14:47

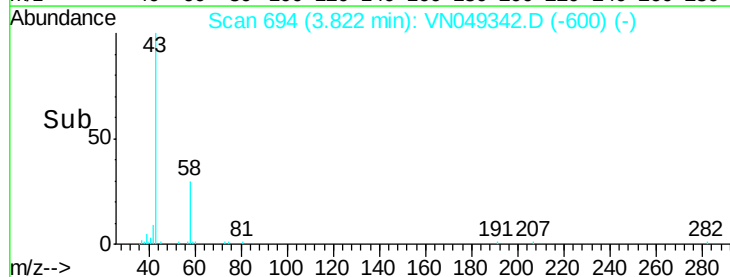
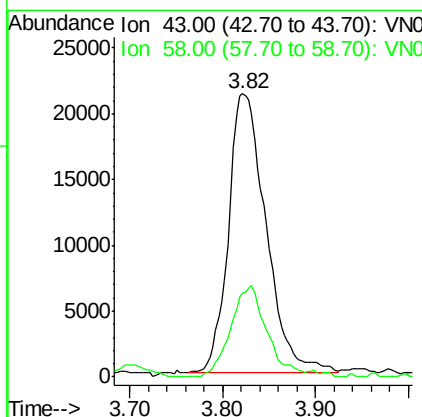
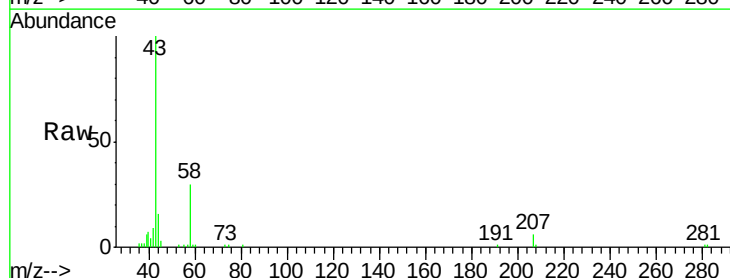
Instrument :
 MSVOA_N
 ClientSampled :

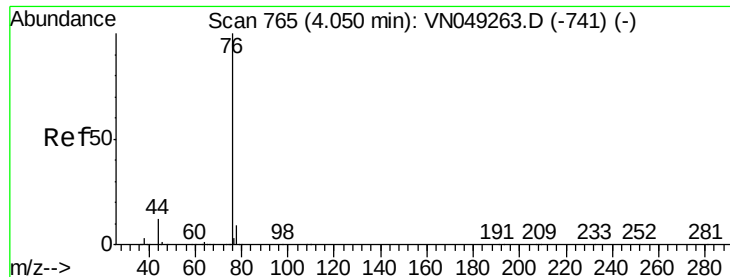
Tot Ion: 53 Resp: 1292
 Ion Ratio Lower Upper
 53 100
 52 45.7 66.6 100.0#
 51 39.0 29.8 44.8



#16
 Acetone
 Concen: 13.99 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049342.D
 Acq: 18 Jun 2018 14:47

Tgt Ion: 43 Resp: 60007
 Ion Ratio Lower Upper
 43 100
 58 30.0 22.4 33.6





#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

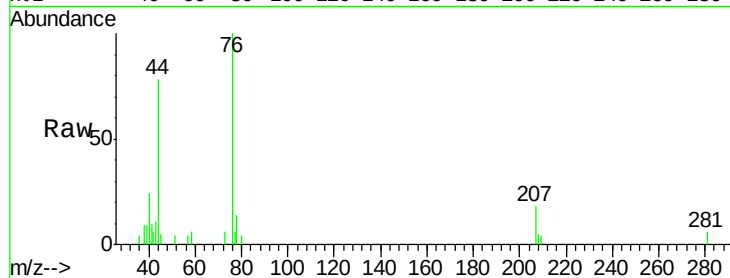
ClientSampleId :

Tot Ion: 76 Resp: 11119

Ion Ratio Lower Upper

76 100

78 13.5 7.4 11.0#

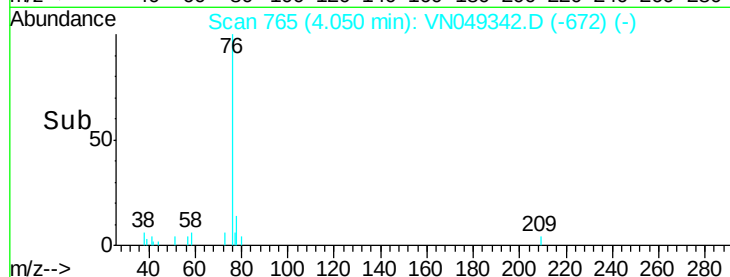


Abundance Ion 75.90 (75.60 to 76.60): VN049342.D (-741) (-)

Ion 77.90 (77.60 to 78.60): VN049342.D (-741) (-)

4.05

Time-->



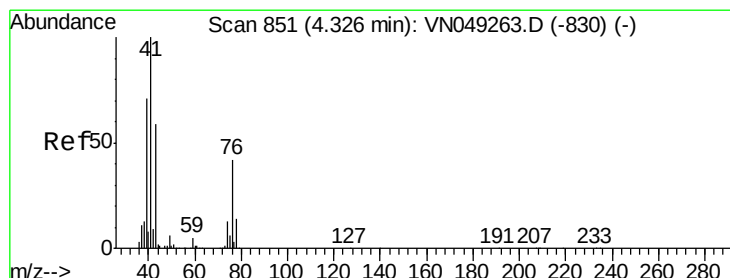
Abundance

Ion 75.90 (75.60 to 76.60): VN049342.D (-741) (-)

Ion 77.90 (77.60 to 78.60): VN049342.D (-741) (-)

4.05

Time-->



#18

Methyl Acetate

Concen: 7.01 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049342.D

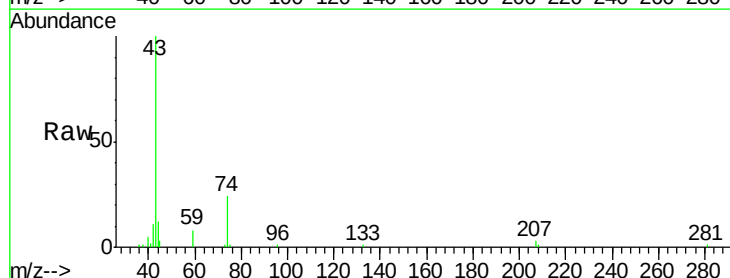
Acq: 18 Jun 2018 14:47

Tgt Ion: 43 Resp: 91721

Ion Ratio Lower Upper

43 100

74 24.4 17.4 26.0

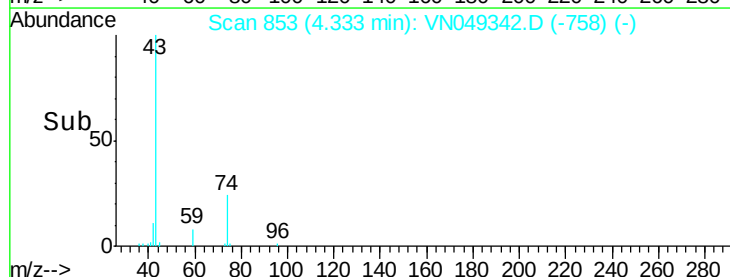


Abundance Ion 43.00 (42.70 to 43.70): VN049342.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN049342.D (-758) (-)

4.33

Time-->



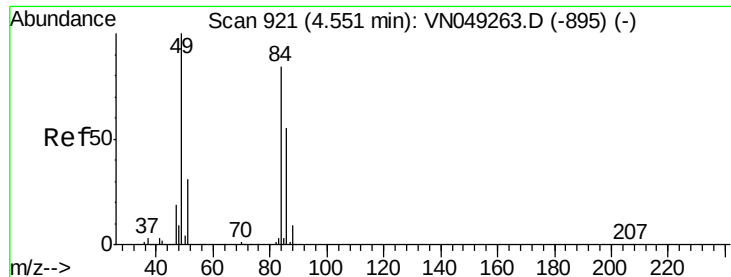
Abundance

Ion 43.00 (42.70 to 43.70): VN049342.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN049342.D (-758) (-)

4.33

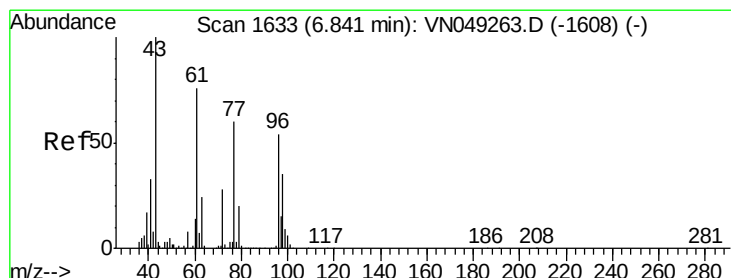
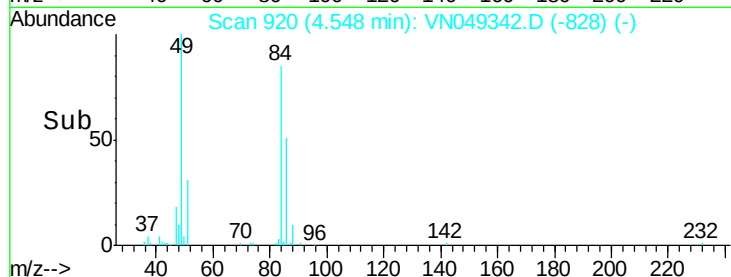
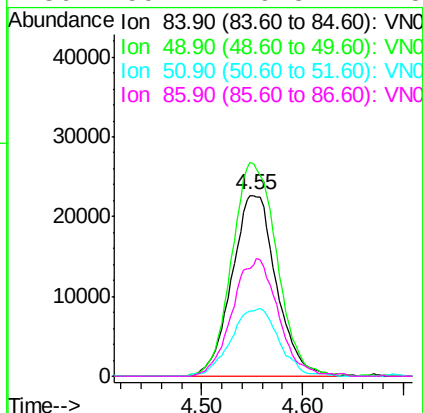
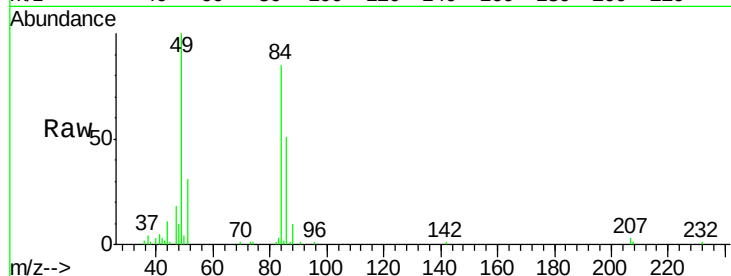
Time-->



#20
Methvlene Chloride
Concen: 3.86 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

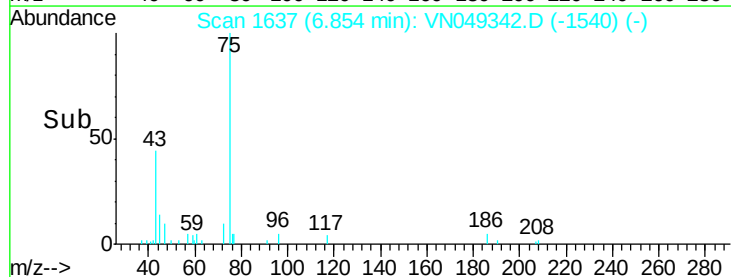
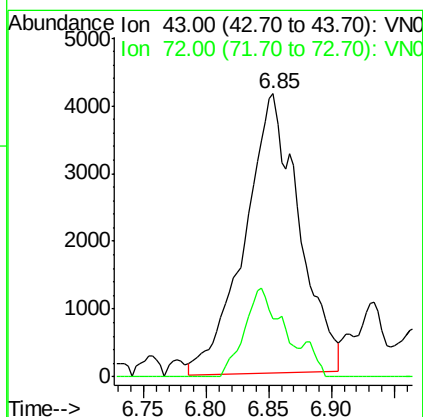
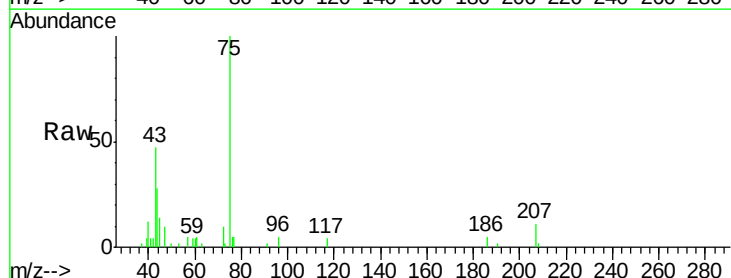
Instrument :
MSVOA_N
ClientSampleId :

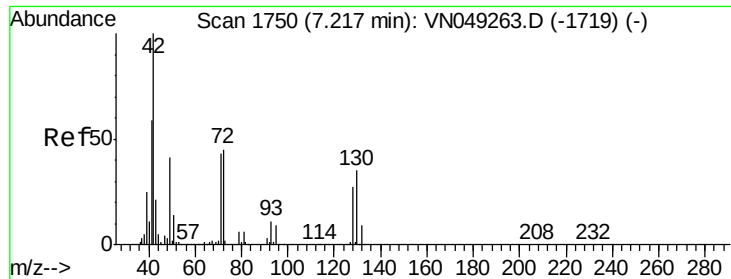
Tot Ion:	84	Resp:	69224
Ion	Ratio	Lower	Upper
84	100		
49	117.2	106.9	160.3
51	36.0	32.7	49.1
86	59.7	49.8	74.8



#25
2-Butanone
Concen: 2.16 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

Tgt Ion:	43	Resp:	12431
Ion	Ratio	Lower	Upper
43	100		
72	21.4	20.2	30.2





#29

Tetrahydrofuran

Concen: 0.91 ug/l

RT: 7.23 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

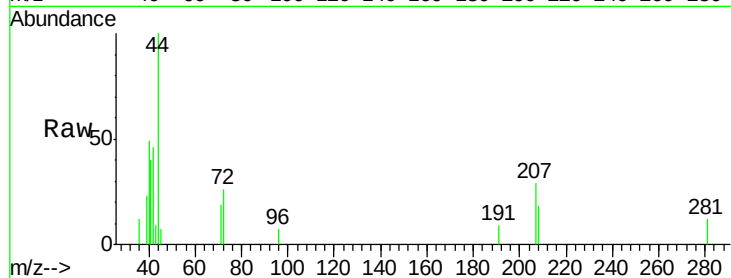
Tot Ion: 42 Resp: 3359

Ion Ratio Lower Upper

42 100

72 48.7 32.2 48.4#

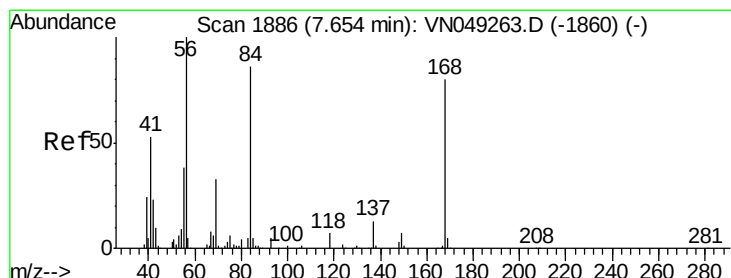
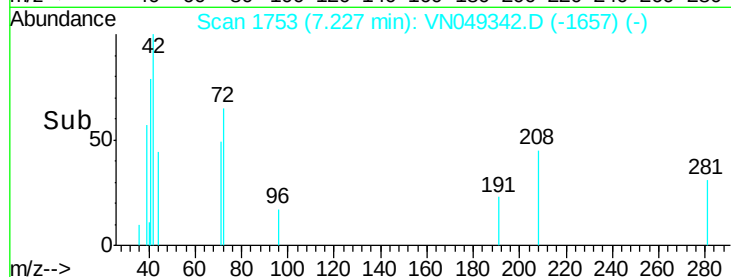
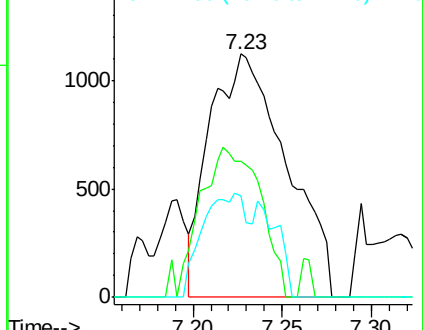
71 25.5 30.5 45.7#



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



#31

Cyclohexane

Concen: 0.74 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

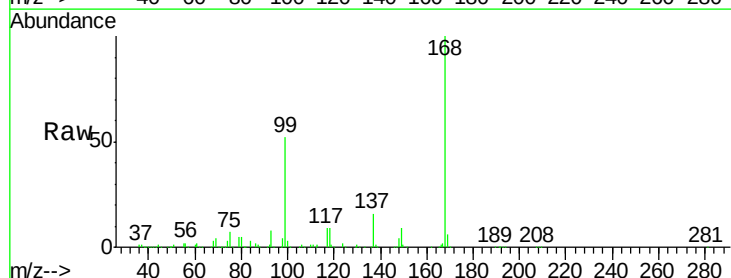
Tgt Ion: 56 Resp: 23816

Ion Ratio Lower Upper

56 100

69 192.6 25.0 37.4#

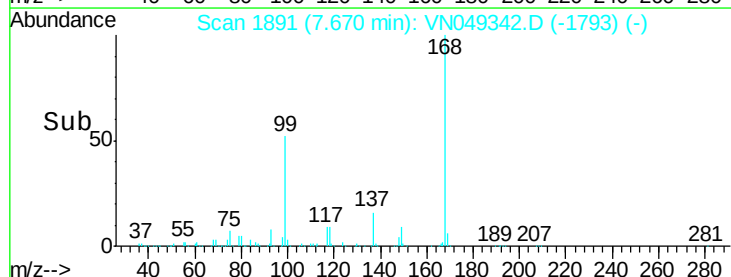
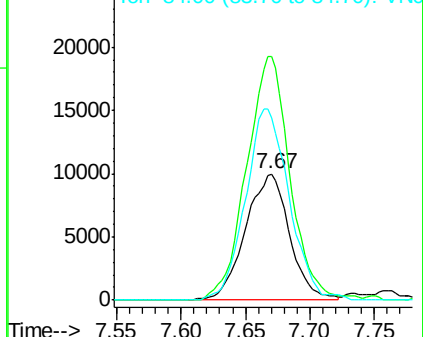
84 144.0 64.6 96.8#

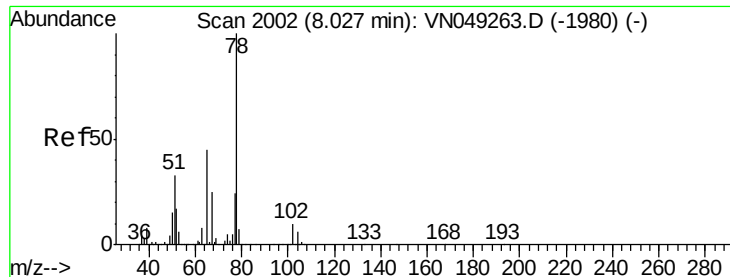


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.83 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

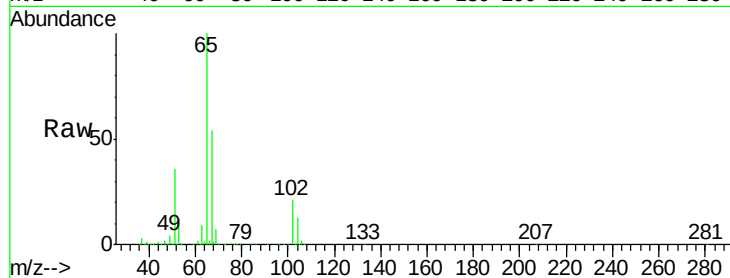
ClientSampleId :

Tot Ion: 65 Resp: 844942

Ion Ratio Lower Upper

65 100

67 54.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049342.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049342.D (-1980) (-)

8.03

400000

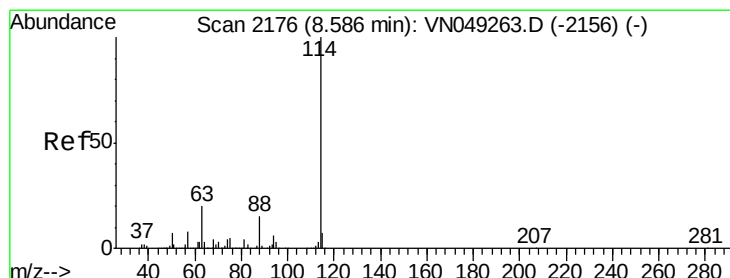
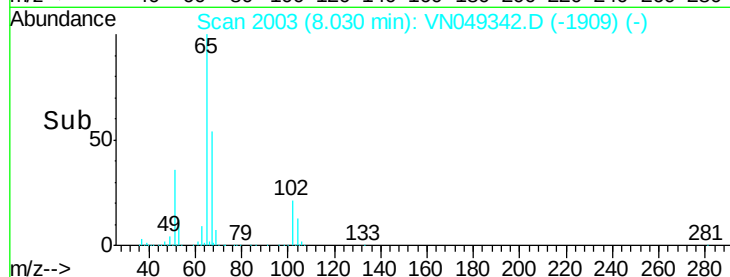
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

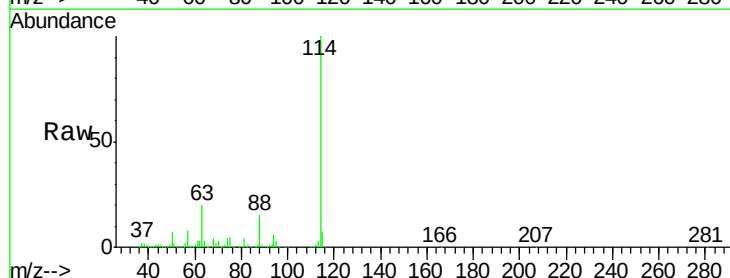
Tgt Ion: 114 Resp: 2068805

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049342.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049342.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049342.D (-2156) (-)

1200000

1000000

800000

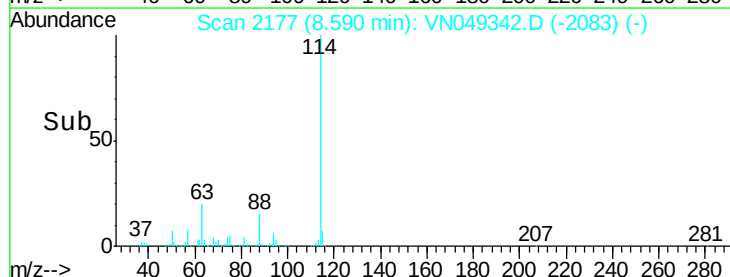
600000

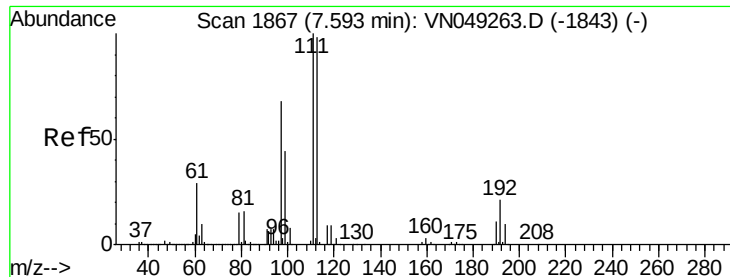
400000

200000

0

Time-->

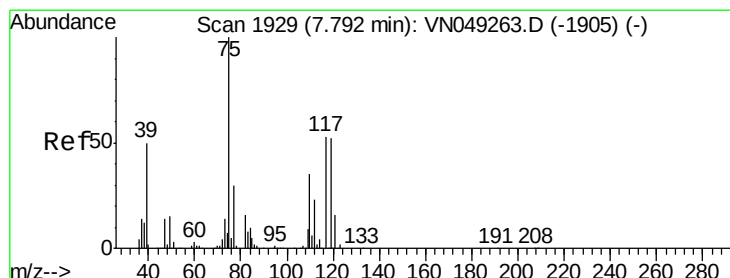
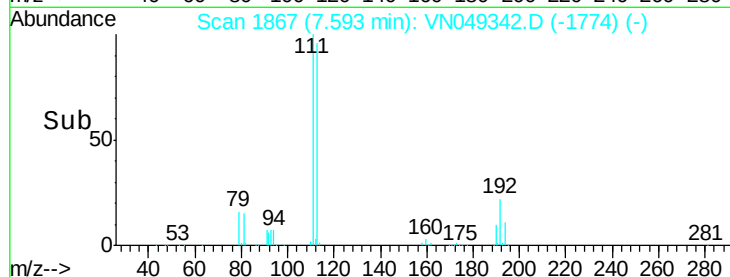
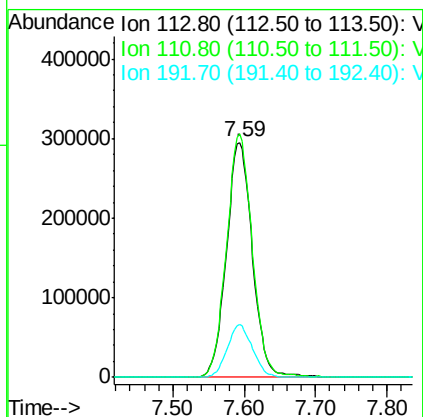
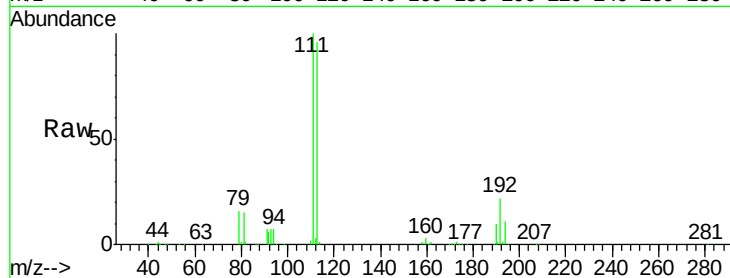




#35
 Dibromofluoromethane
 Concen: 44.66 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049342.D
 Acq: 18 Jun 2018 14:47

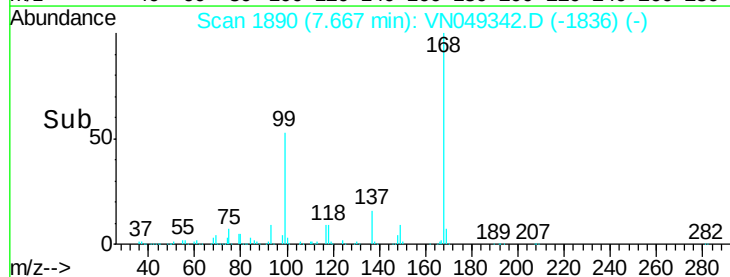
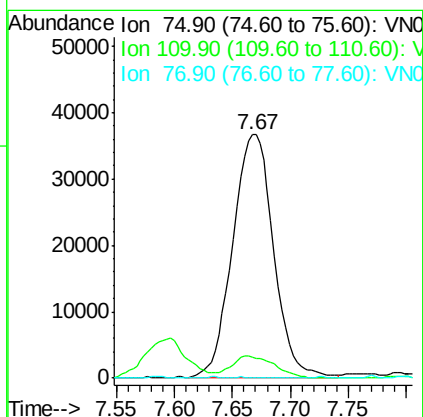
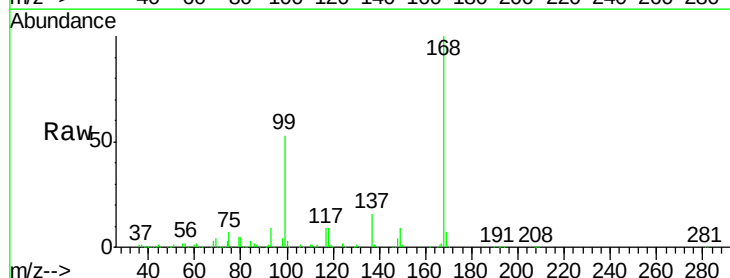
Instrument :
 MSVOA_N
 ClientSampleId :

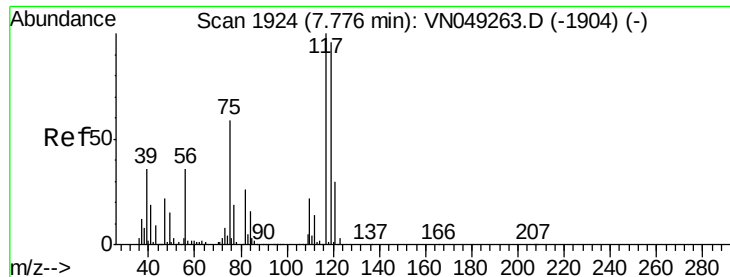
Tot Ion:113 Resp: 747527
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 21.9 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 3.81 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049342.D
 Acq: 18 Jun 2018 14:47

Tgt Ion: 75 Resp: 90268
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.0 50.9#
 77 0.1 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.91 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

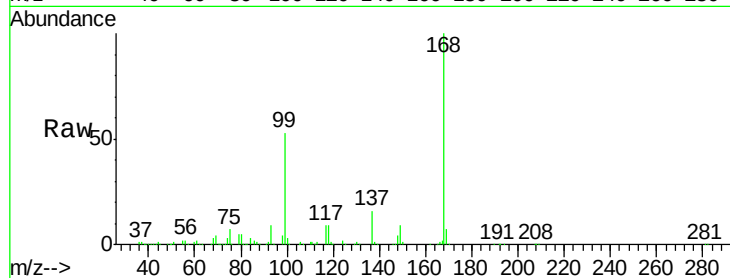
Tot Ion:117 Resp: 120528

Ion Ratio Lower Upper

117 100

119 5.3 75.6 113.4#

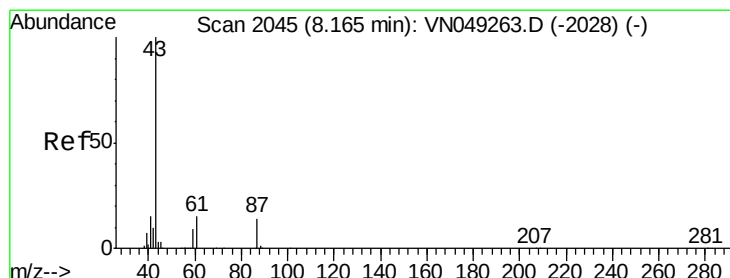
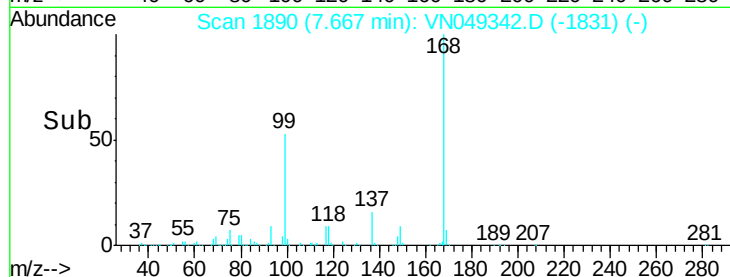
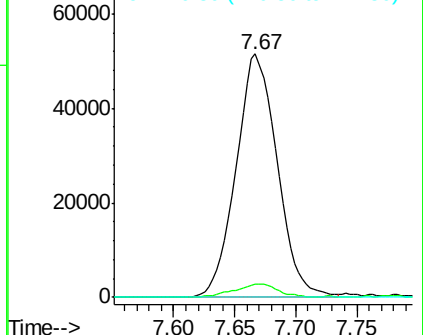
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 55.43 ug/l

RT: 8.21 min Scan# 2058

Delta R.T. 0.04 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

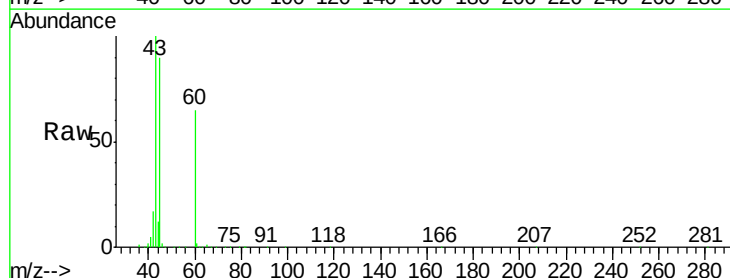
Tgt Ion: 43 Resp: 1365031

Ion Ratio Lower Upper

43 100

61 0.1 14.2 21.4#

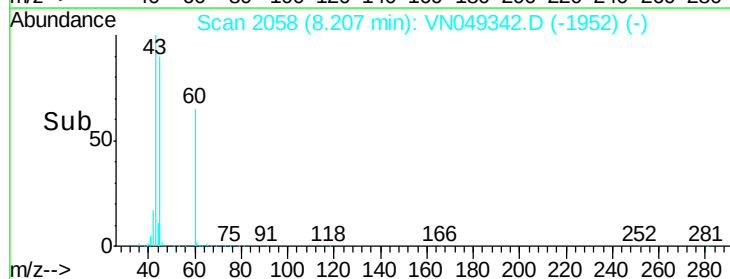
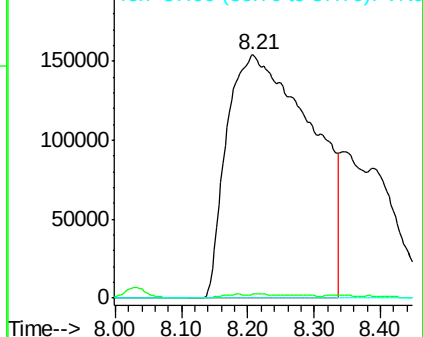
87 0.0 9.4 14.0#

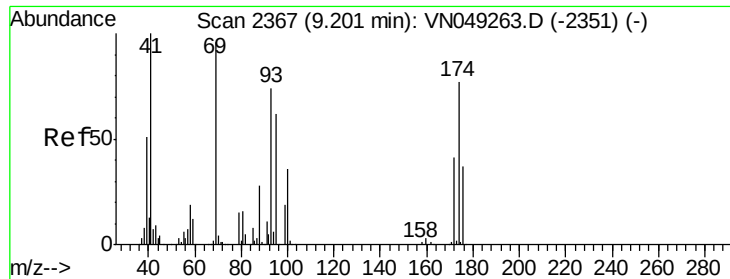


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

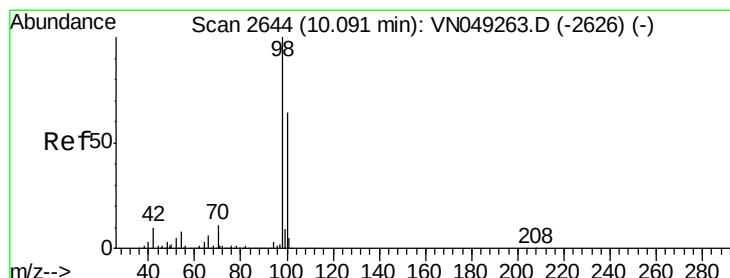
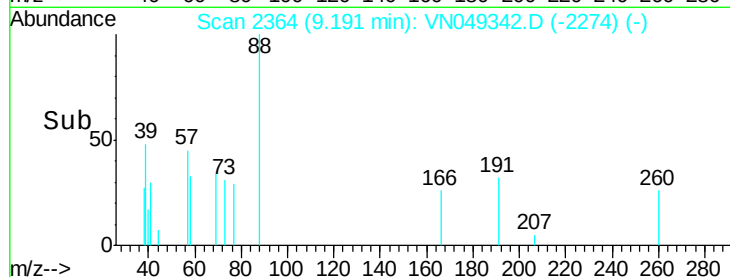
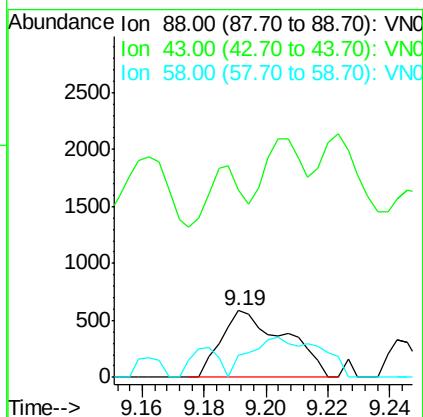
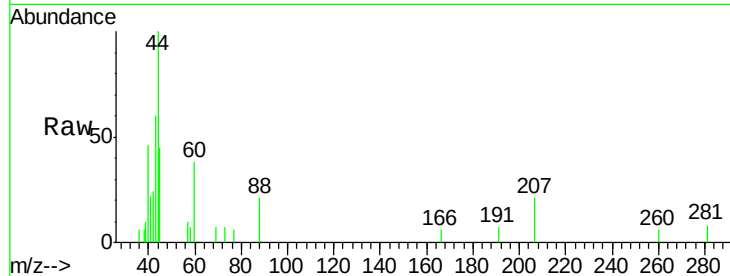




#49
1,4-Dioxane
Concen: 5.26 ug/l
RT: 9.19 min Scan# 2364
Delta R.T. -0.01 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

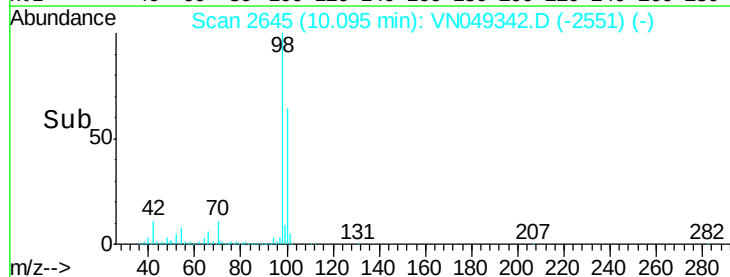
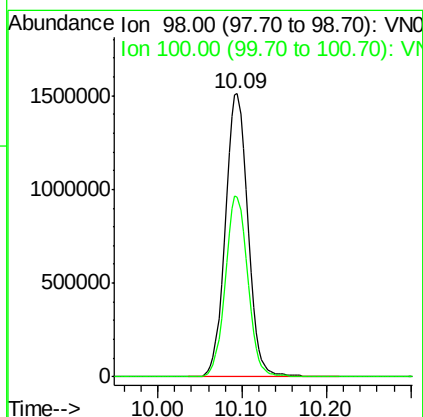
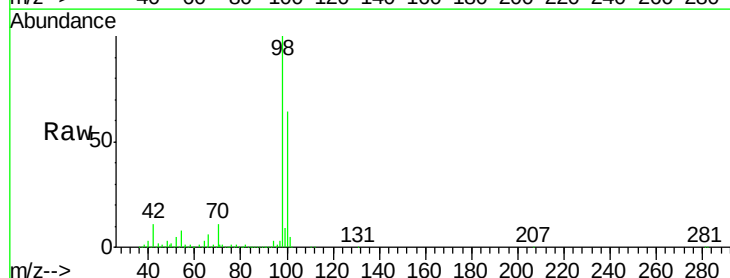
Instrument :
MSVOA_N
ClientSampled :

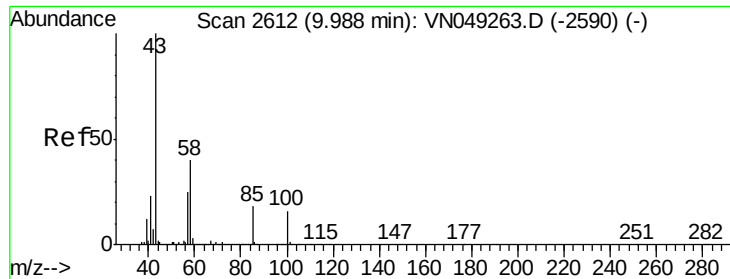
Tot Ion: 88 Resp: 842
Ion Ratio Lower Upper
88 100
43 45.4 30.9 46.3
58 19.4 58.9 88.3#



#50
Toluene-d8
Concen: 44.18 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

Tgt Ion: 98 Resp: 2815733
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8

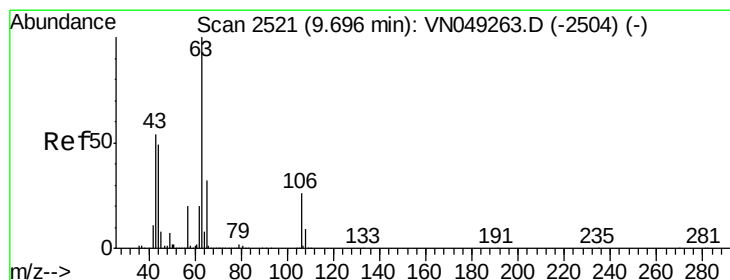
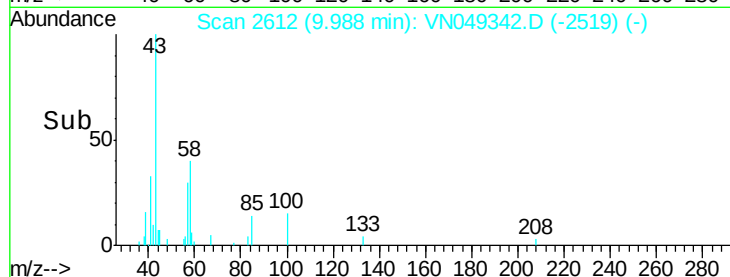
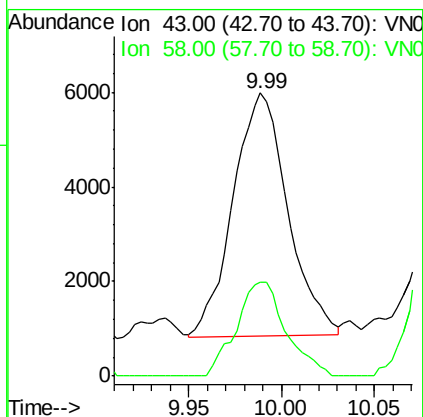
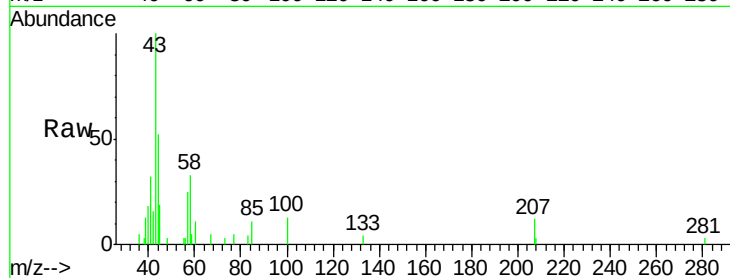




#51
4-Methyl-2-Pentanone
Concen: 0.82 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

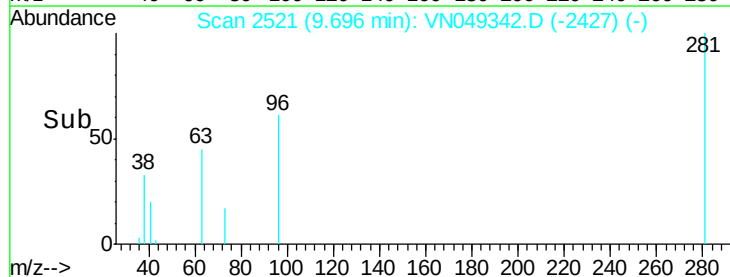
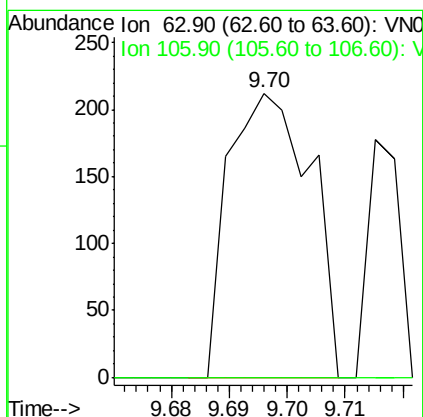
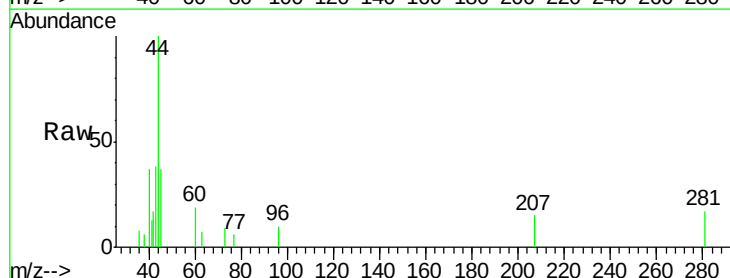
Instrument :
MSVOA_N
ClientSampled :

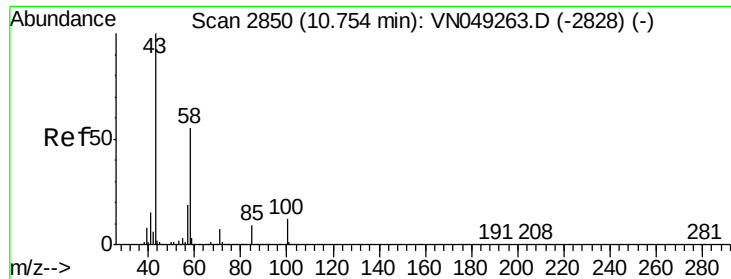
Tot Ion: 43 Resp: 10550
Ion Ratio Lower Upper
43 100
58 35.1 29.0 43.6



#58
2-Chloroethyl Vinyl ether
Concen: 14.36 ug/l
RT: 9.70 min Scan# 2521
Delta R.T. 0.00 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

Tgt Ion: 63 Resp: 208
Ion Ratio Lower Upper
63 100
106 0.0 19.4 29.2#





#59

2-Hexanone

Concen: 1.15 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

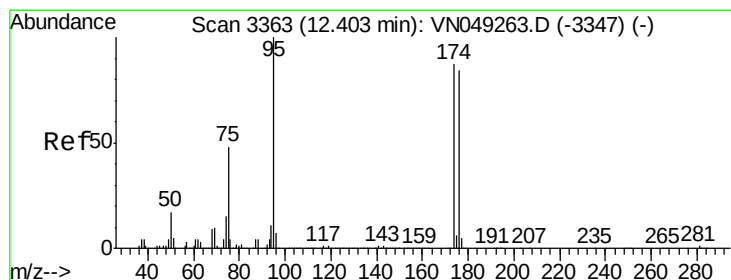
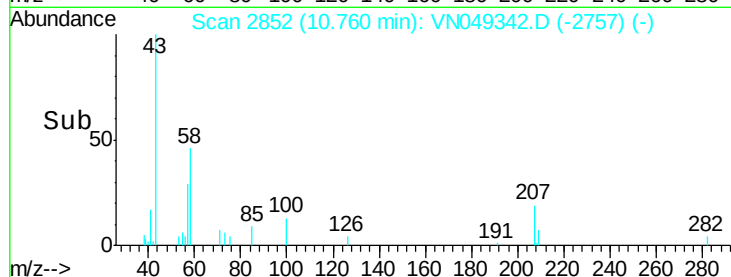
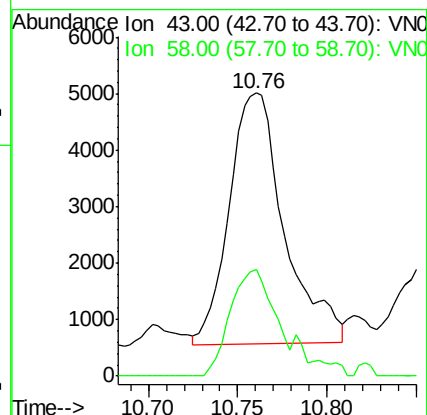
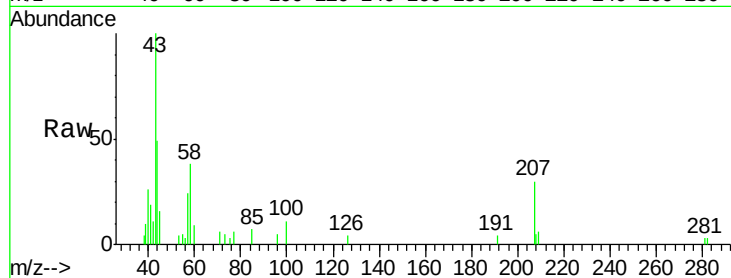
ClientSampled :

Tot Ion: 43 Resp: 9584

Ion Ratio Lower Upper

43 100

58 39.8 25.2 75.6



#62

4-Bromofluorobenzene

Concen: 34.91 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

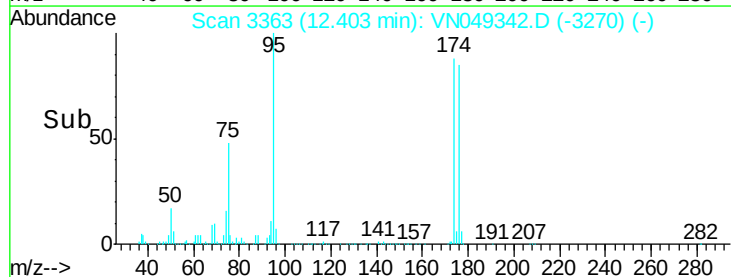
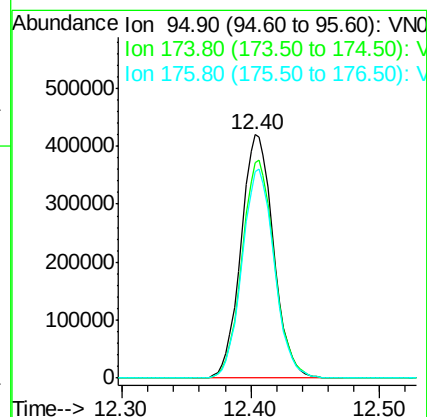
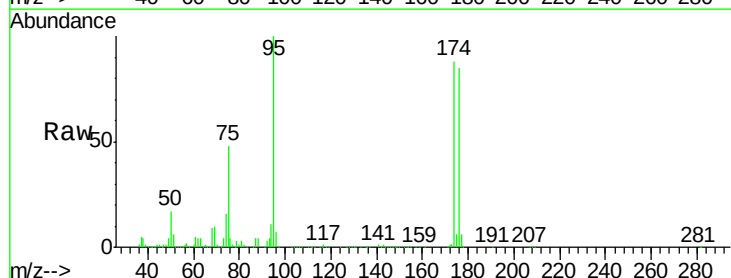
Tgt Ion: 95 Resp: 735708

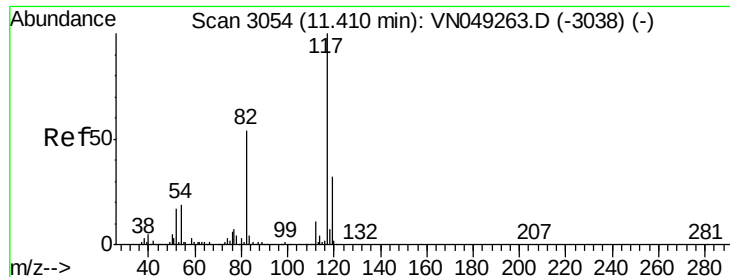
Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

176 85.5 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

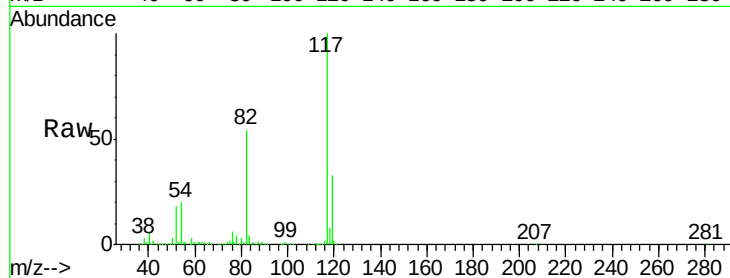
Tot Ion:117 Resp: 1700329

Ion Ratio Lower Upper

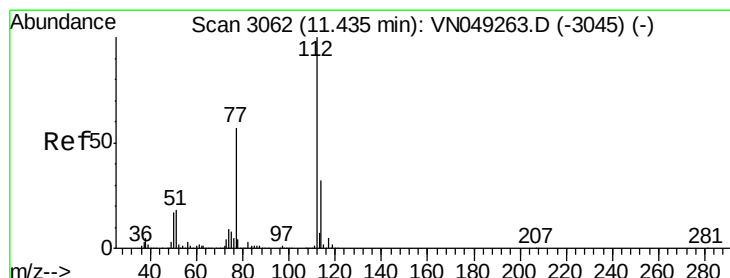
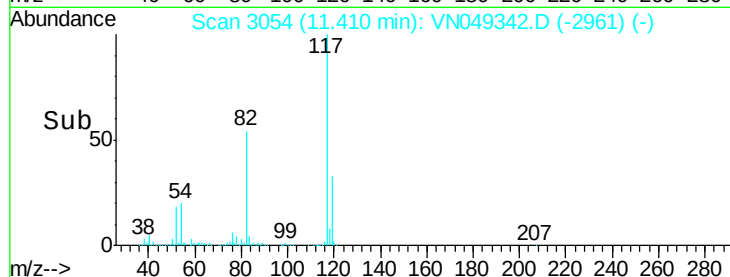
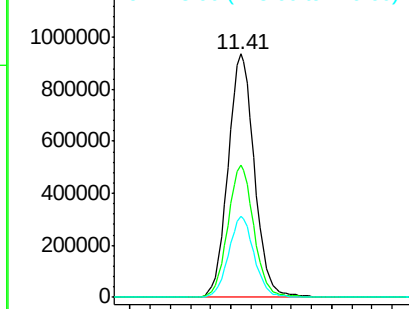
117 100

82 54.1 45.9 68.9

119 33.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#65

Chlorobenzene

Concen: 0.63 ug/l

RT: 11.44 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN049342.D

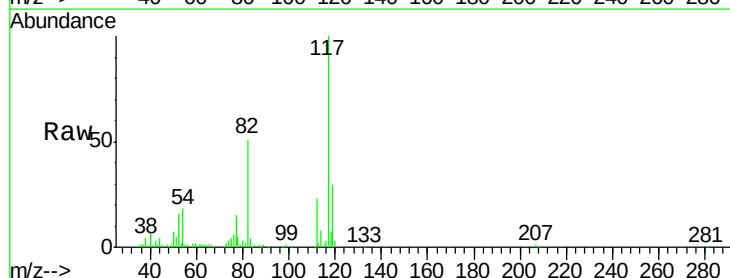
Acq: 18 Jun 2018 14:47

Tgt Ion:112 Resp: 27461

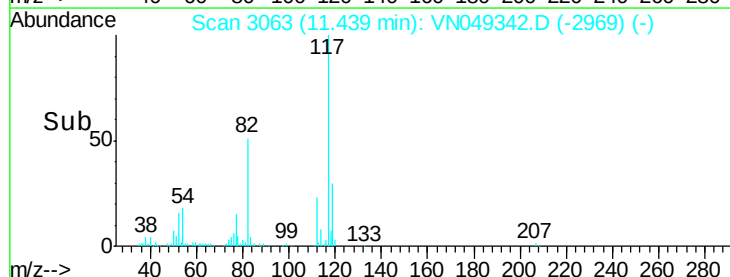
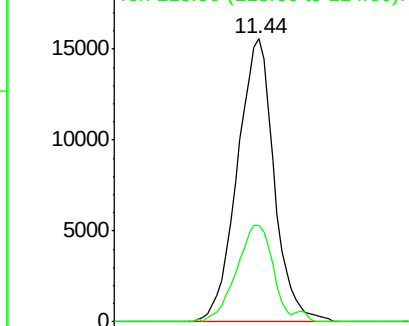
Ion Ratio Lower Upper

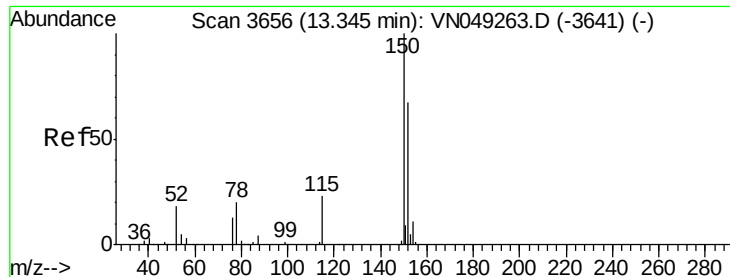
112 100

114 33.9 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



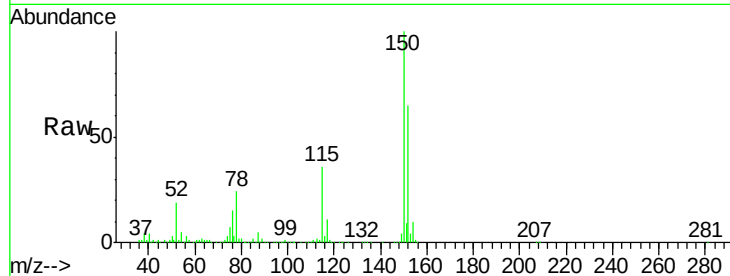


#72

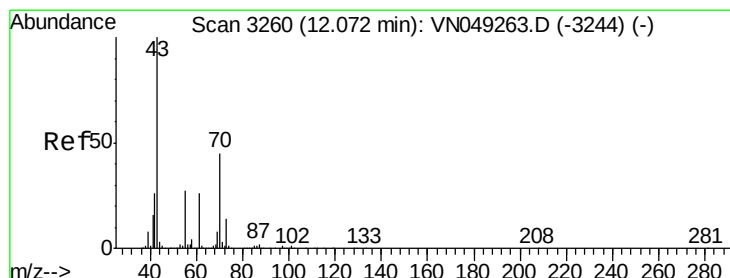
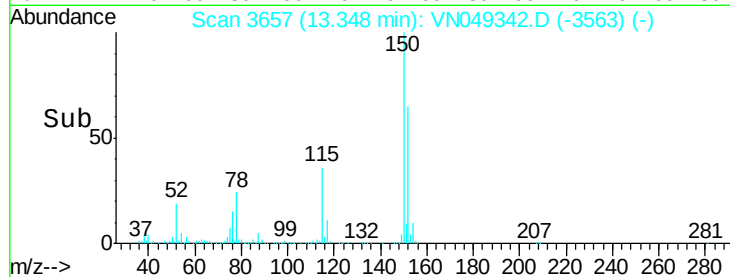
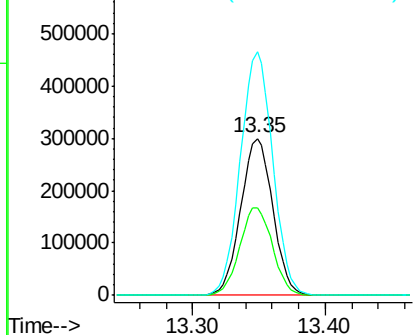
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 503574
Ion Ratio Lower Upper
152 100
115 56.6 28.7 86.1
150 156.5 0.0 351.0



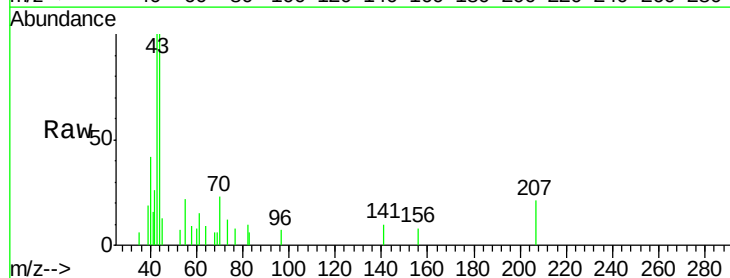
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



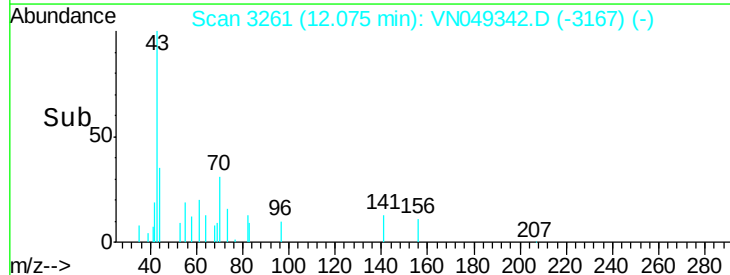
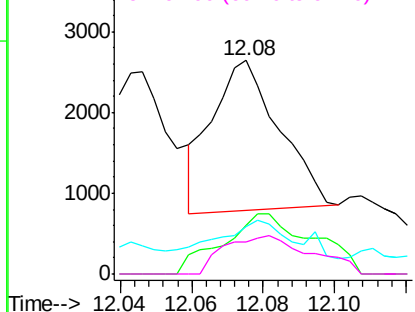
#74

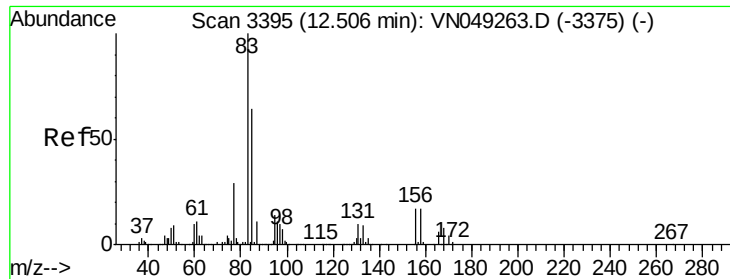
N-ethyl acetate
Concen: 0.22 ug/l
RT: 12.08 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

Tgt Ion: 43 Resp: 2433
Ion Ratio Lower Upper
43 100
70 53.6 30.3 45.5#
55 48.8 19.4 29.2#
61 32.8 17.8 26.6#



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 70.00 (69.70 to 70.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

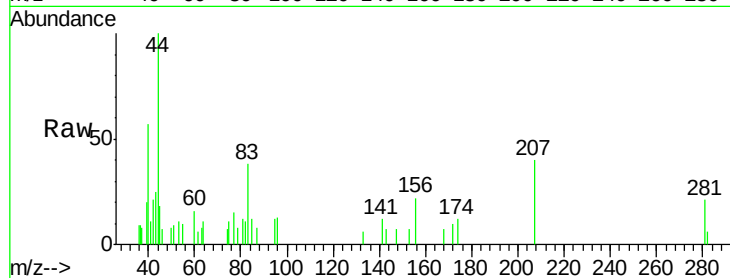
Tot Ion: 83 Resp: 1387

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

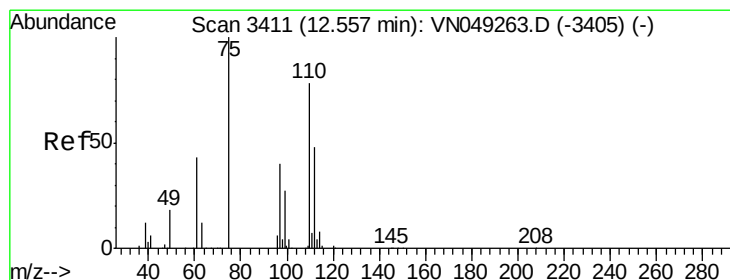
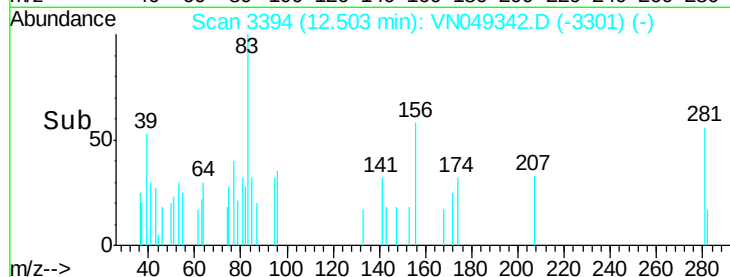
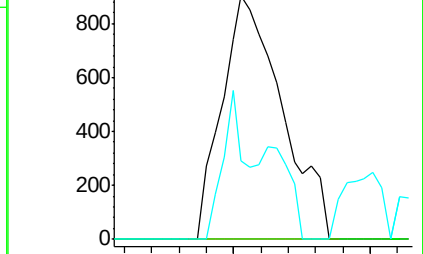
85 22.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 40.98 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049342.D

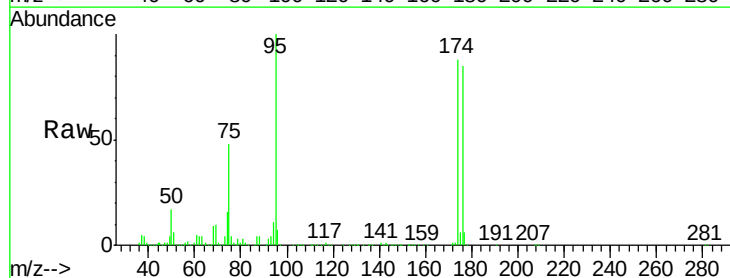
Acq: 18 Jun 2018 14:47

Tgt Ion: 75 Resp: 352091

Ion Ratio Lower Upper

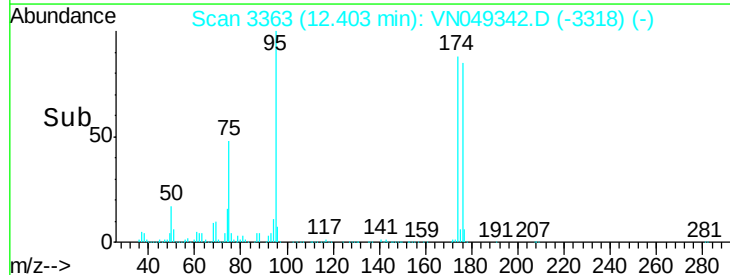
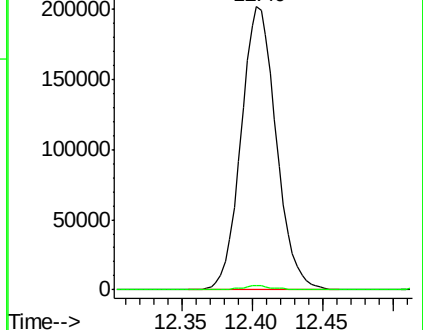
75 100

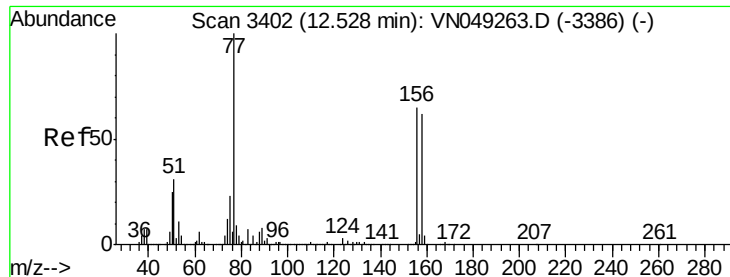
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 0.42 ug/l

RT: 12.54 min Scan# 3404

Delta R.T. 0.01 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

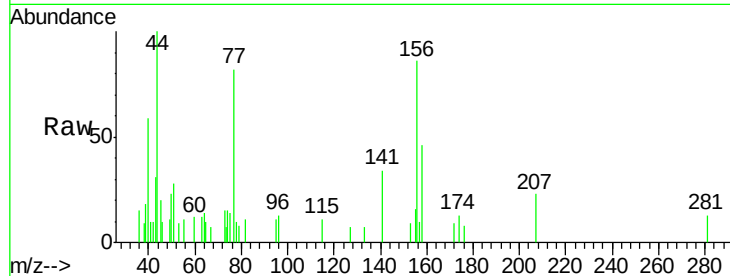
Tot Ion:156 Resp: 4887

Ion Ratio Lower Upper

156 100

77 76.2 100.8 302.4#

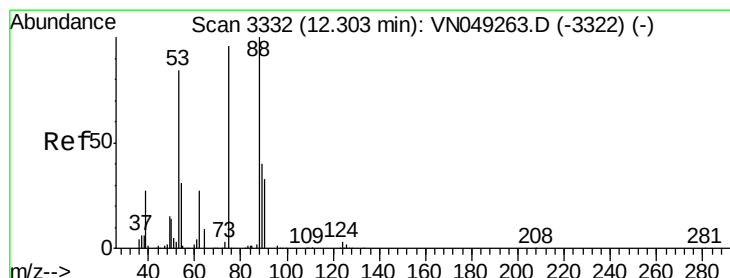
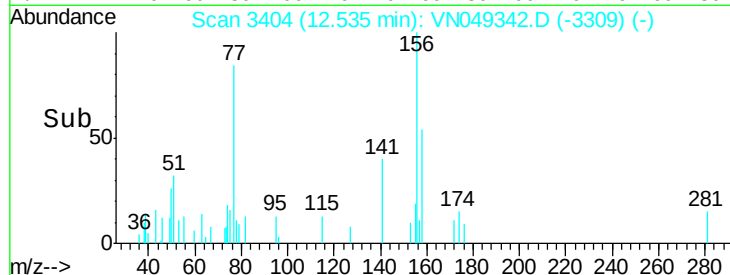
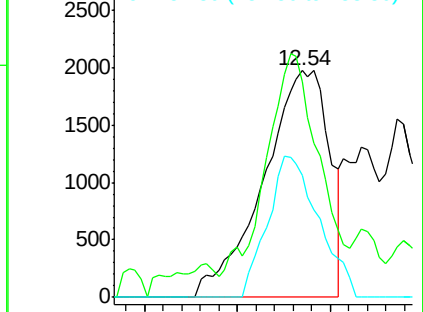
158 48.1 49.3 147.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 129.51 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

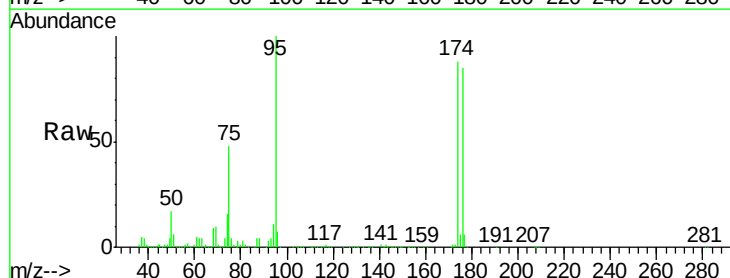
Tgt Ion: 75 Resp: 352091

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

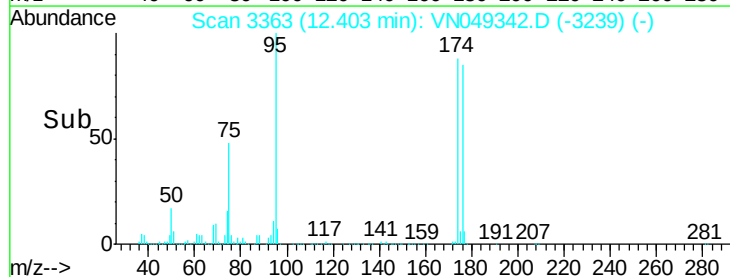
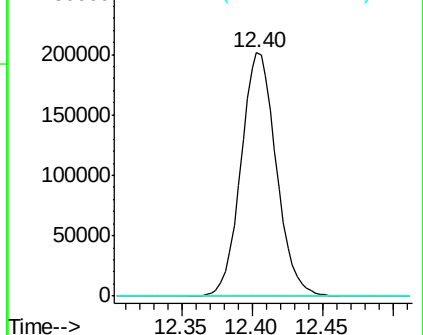
89 0.0 36.5 54.7#

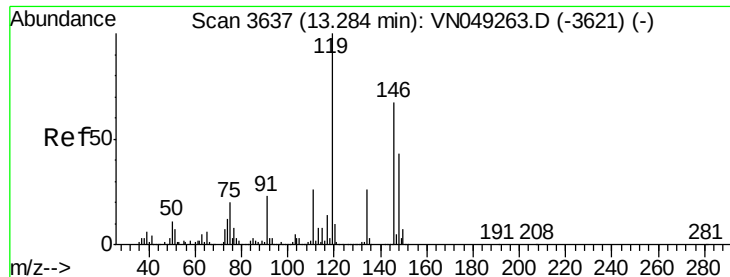


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

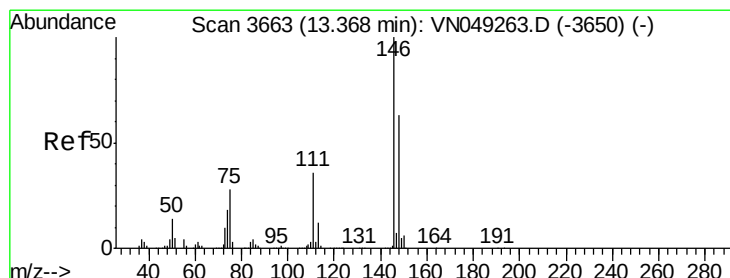
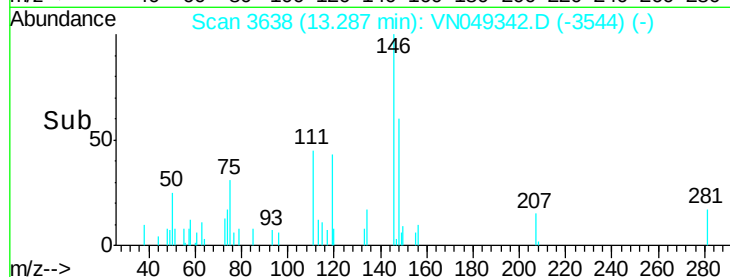
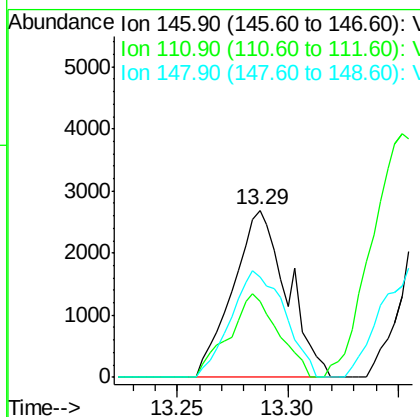
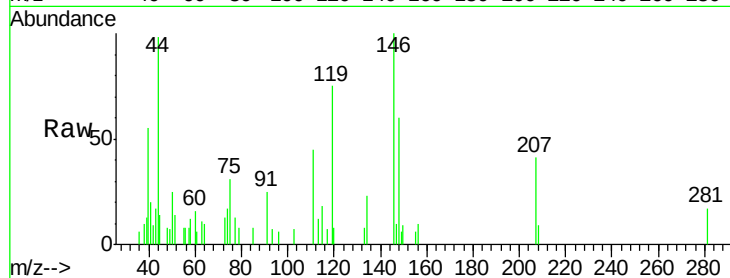




#87
 1,3-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049342.D
 Acq: 18 Jun 2018 14:47

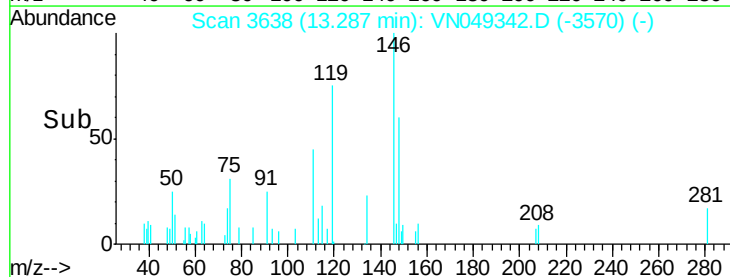
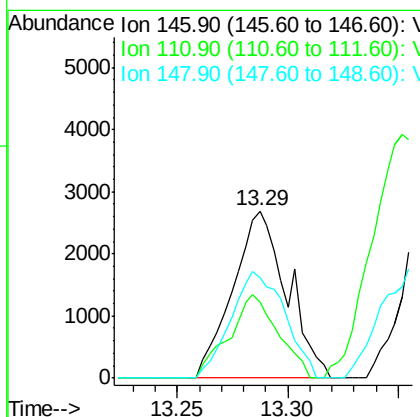
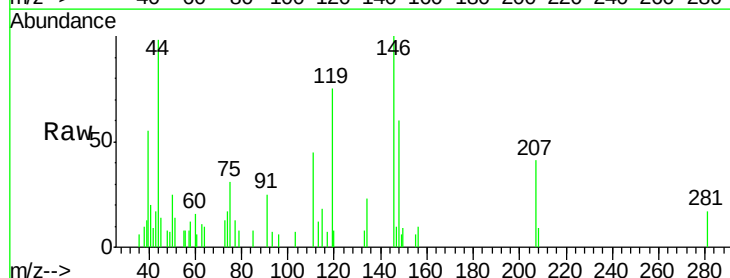
Instrument :
 MSVOA_N
 ClientSampled :

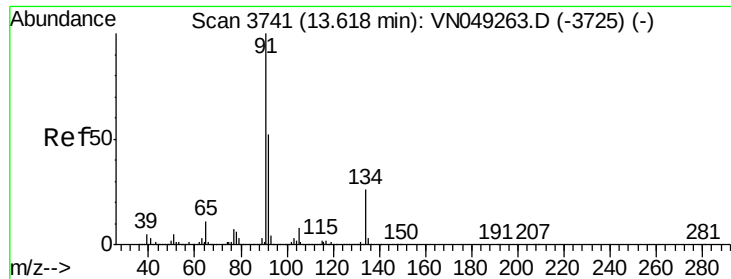
Tot Ion:146 Resp: 4604
 Ion Ratio Lower Upper
 146 100
 111 44.9 19.9 59.6
 148 63.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 0.24 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.08 min
 Lab File: VN049342.D
 Acq: 18 Jun 2018 14:47

Tgt Ion:146 Resp: 4604
 Ion Ratio Lower Upper
 146 100
 111 44.9 19.1 57.1
 148 63.2 32.0 96.2





#89

n-Butylbenzene

Concen: 0.26 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

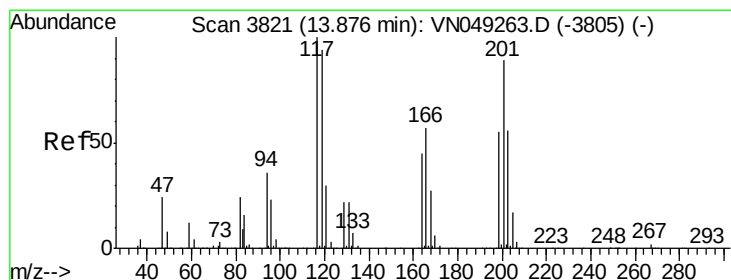
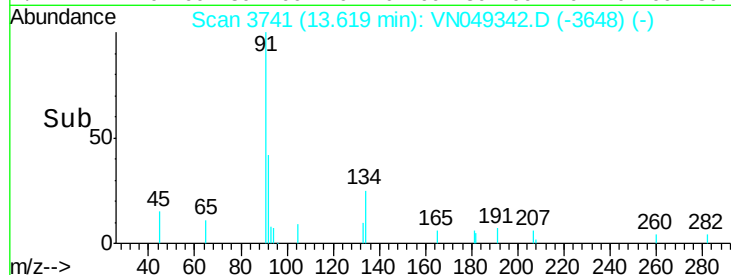
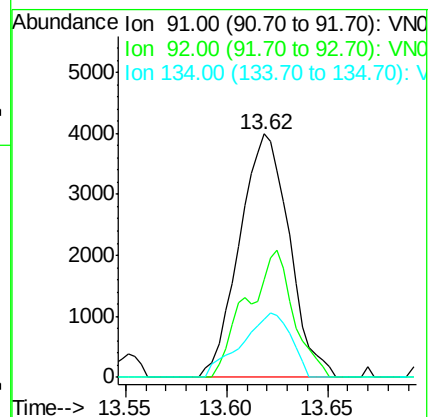
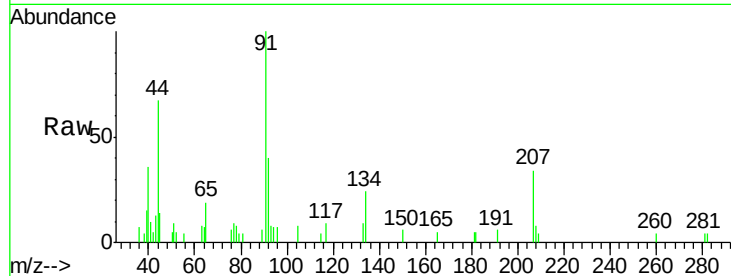
Tot Ion: 91 Resp: 6890

Ion Ratio Lower Upper

91 100

92 49.3 25.1 75.4

134 26.1 12.0 36.0



#90

Hexachloroethane

Concen: Below Cal

RT: 13.87 min Scan# 3819

Delta R.T. -0.01 min

Lab File: VN049342.D

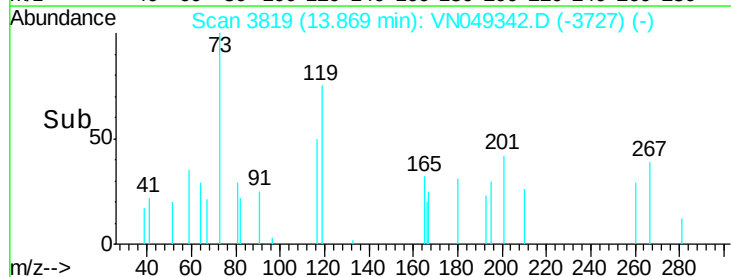
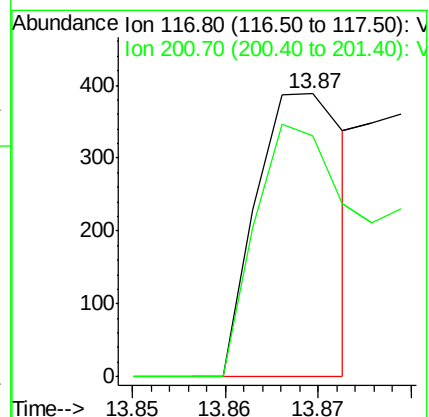
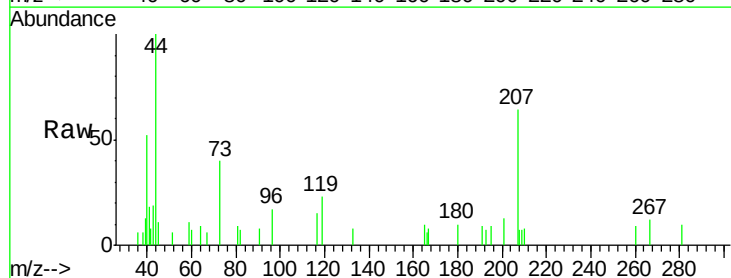
Acq: 18 Jun 2018 14:47

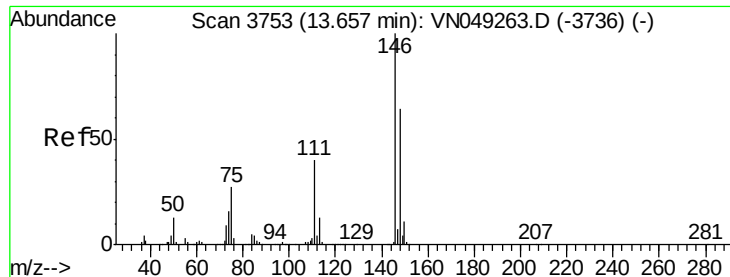
Tgt Ion: 117 Resp: 259

Ion Ratio Lower Upper

117 100

201 147.1 40.1 120.2#





#91

1,2-Dichlorobenzene

Concen: 0.25 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

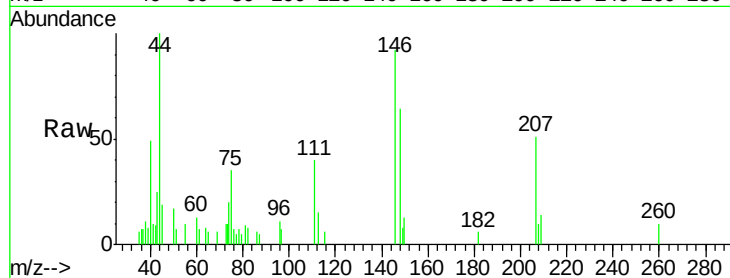
Tot Ion:146 Resp: 4714

Ion Ratio Lower Upper

146 100

111 50.2 20.8 62.2

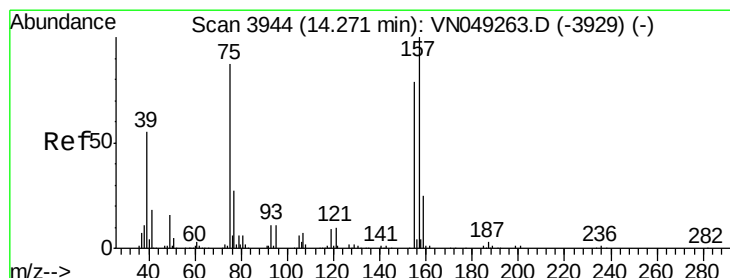
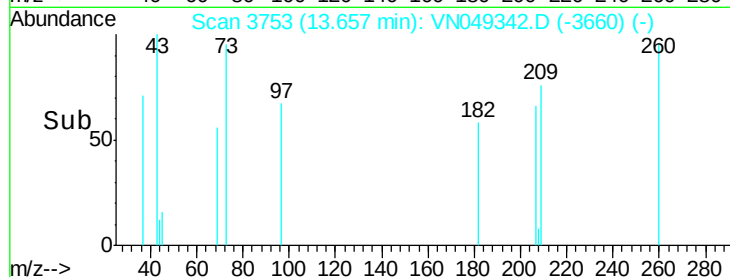
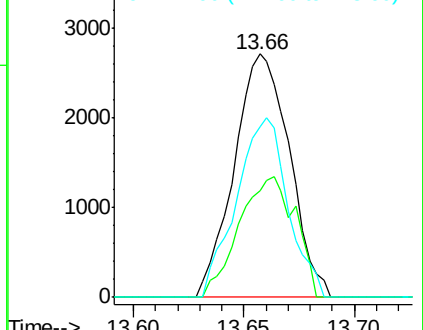
148 68.9 32.0 96.2



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: 1.15 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

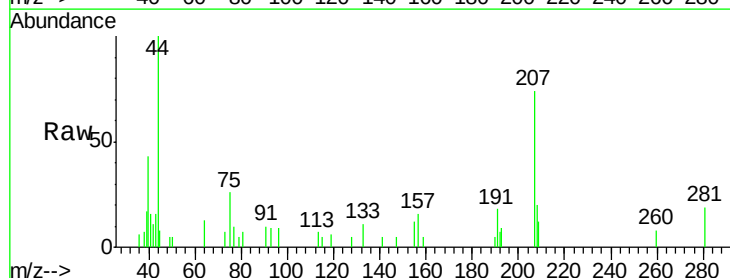
Tgt Ion: 75 Resp: 1767

Ion Ratio Lower Upper

75 100

155 31.1 38.8 116.3#

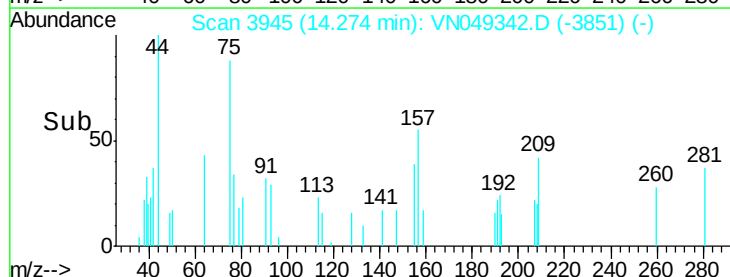
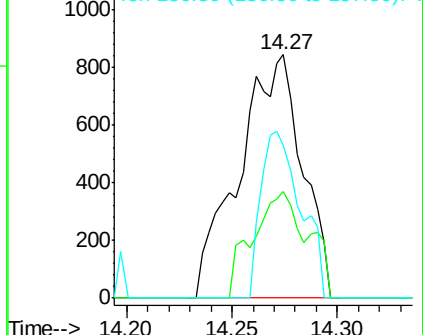
157 43.2 51.0 153.1#

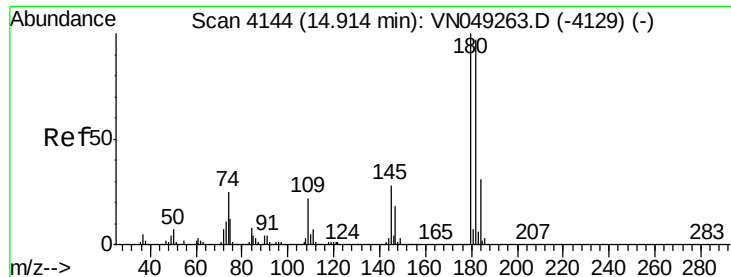


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

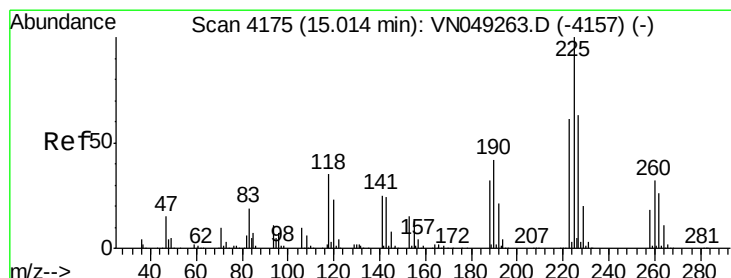
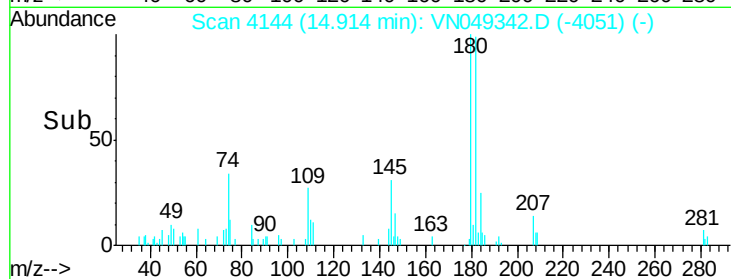
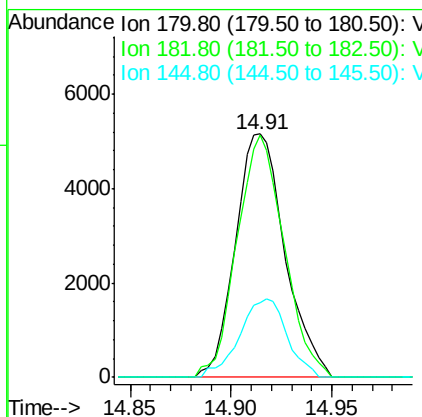
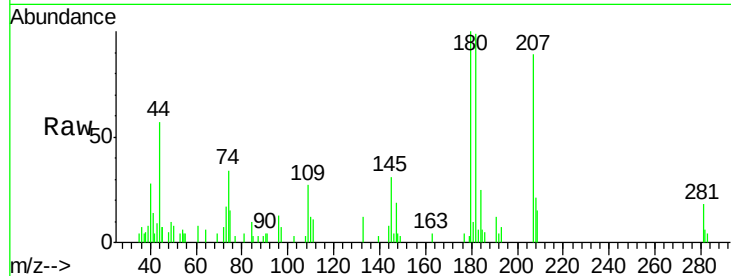




#93
 1,2,4-Trichlorobenzene
 Concen: 5.67 ua/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049342.D
 Acq: 18 Jun 2018 14:47

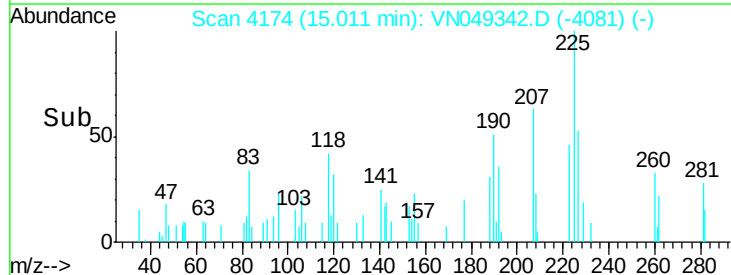
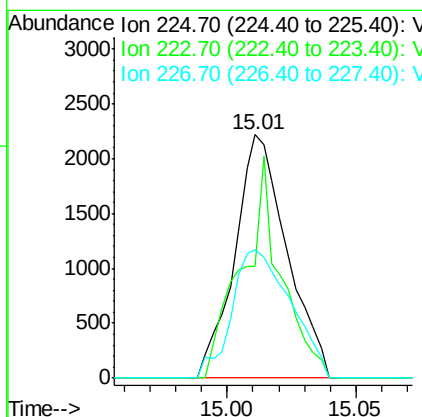
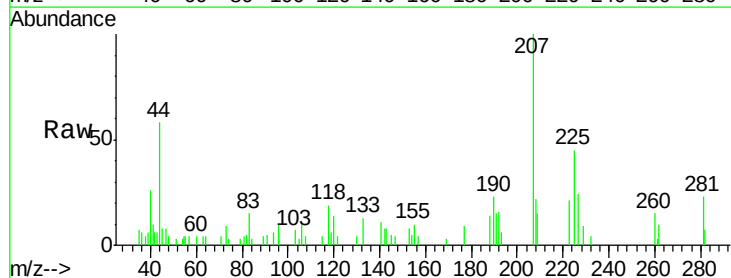
Instrument :
 MSVOA_N
 ClientSampleId :

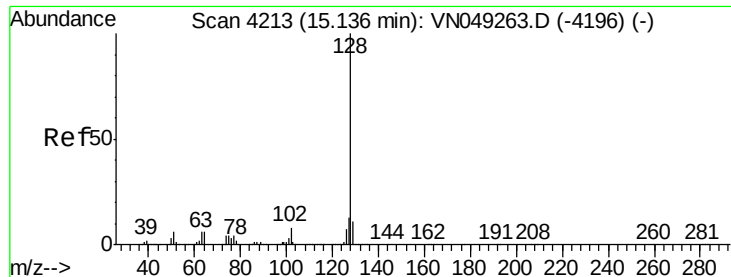
Tot Ion:180 Resp: 8859
 Ion Ratio Lower Upper
 180 100
 182 94.6 46.9 140.8
 145 30.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049342.D
 Acq: 18 Jun 2018 14:47

Tgt Ion:225 Resp: 3126
 Ion Ratio Lower Upper
 225 100
 223 67.7 32.1 96.3
 227 59.6 31.8 95.3

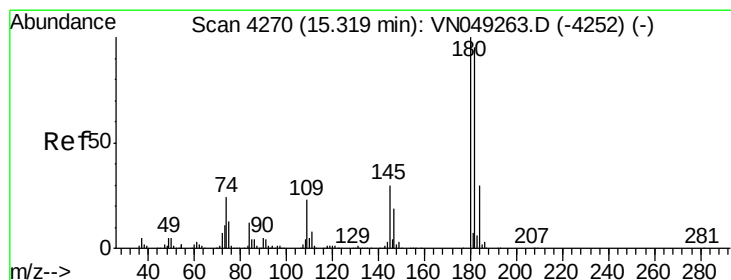
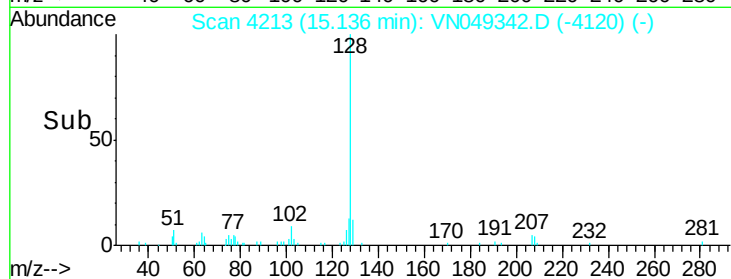
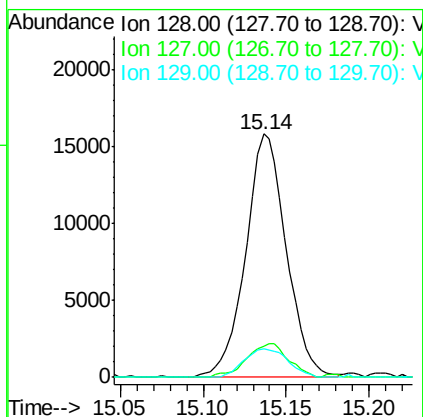
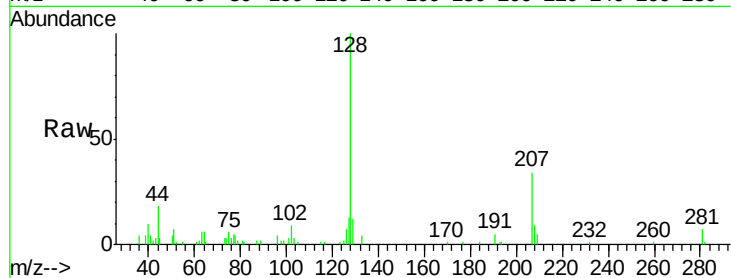




#95
Naphthalene
Concen: 4.00 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 26858
Ion Ratio Lower Upper
128 100
127 14.3 10.6 16.0
129 12.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 4.48 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

Tgt Ion:180 Resp: 9313
Ion Ratio Lower Upper
180 100
182 97.1 47.3 141.8
145 29.6 15.6 46.7

