

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\
 Data File : VN049451.D
 Acq On : 20 Jun 2018 21:47
 Operator : MD\SY
 Sample : J3594-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 01:35:53 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	1162841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1857481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1500012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	487555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	789876	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	7.59	113	694485	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
50) Toluene-d8	10.09	98	2515445	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	
62) 4-Bromofluorobenzene	12.41	95	656914	34.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.44%	

Target Compounds

						Qvalue
5) Bromomethane	2.57	94	2424	0.25	ug/l	# 70
8) Diethyl Ether	3.41	74	6077	0.76	ug/l	97
11) Tert butyl alcohol	4.74	59	1868	2.06	ug/l	# 70
16) Acetone	3.82	43	43960	11.74	ug/l	99
18) Methyl Acetate	4.33	43	119566	10.47	ug/l	96
20) Methylene Chloride	4.55	84	209749	13.41	ug/l	90
25) 2-Butanone	6.86	43	6257	1.24	ug/l	96
30) Chloroform	7.37	83	15776	0.59	ug/l	100
31) Cyclohexane	7.66	56	22164	0.80	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	80890	3.80	ug/l	# 51
38) Carbon Tetrachloride	7.67	117	104137	4.73	ug/l	# 17
43) Isopropyl Acetate	8.22	43	204330	9.24	ug/l	# 64
47) Bromodichloromethane	9.40	83	7472	0.34	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	3715	0.32	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.58	63	30	14.33	ug/l	# 51
65) Chlorobenzene	11.44	112	11346	0.29	ug/l	95
71) Bromoform	12.41	173	4499	0.48	ug/l	# 1
73) Isopropylbenzene	12.25	105	37855	0.88	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	138	Below	Cal	# 26
76) 1,2,3-Trichloropropane	12.41	75	317986	38.22	ug/l	# 100
78) n-propylbenzene	12.60	91	102223	2.17	ug/l	99
79) 2-Chlorotoluene	12.60	91	102223	3.43	ug/l	# 41
81) trans-1,4-Dichloro-2-buten	12.41	75	317986	120.81	ug/l	# 9
82) 4-Chlorotoluene	12.60	91	102223	3.56	ug/l	# 42
85) sec-Butylbenzene	13.17	105	46590	1.17	ug/l	83
86) p-Isopropyltoluene	13.45	119	17251	0.52	ug/l	93
89) n-Butylbenzene	13.62	91	21974	0.85	ug/l	# 82
90) Hexachloroethane	13.89	117	19585	1.47	ug/l	# 9
93) 1,2,4-Trichlorobenzene	14.91	180	125	4.76	ug/l	# 1
94) Hexachlorobutadiene	15.23	225	31	Below	Cal	# 18
95) Naphthalene	15.14	128	26649	4.04	ug/l	# 91
96) 1,2,3-Trichlorobenzene	15.32	180	97	3.47	ug/l	# 13

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

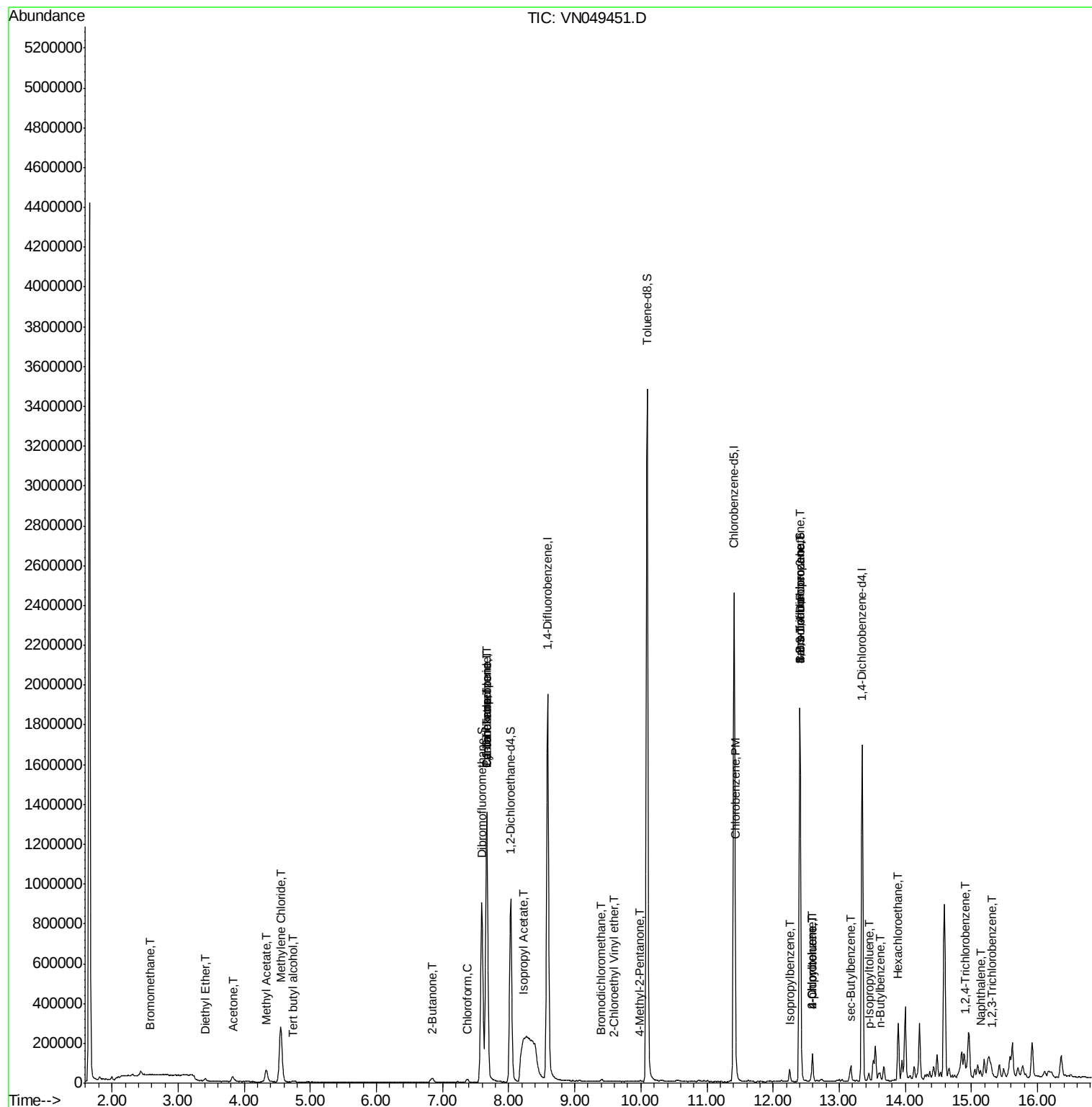
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

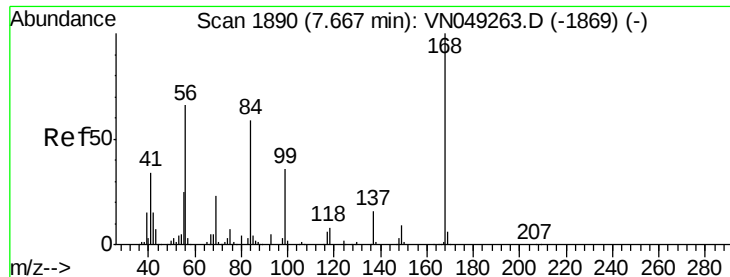
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\
Data File : VN049451.D
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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: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

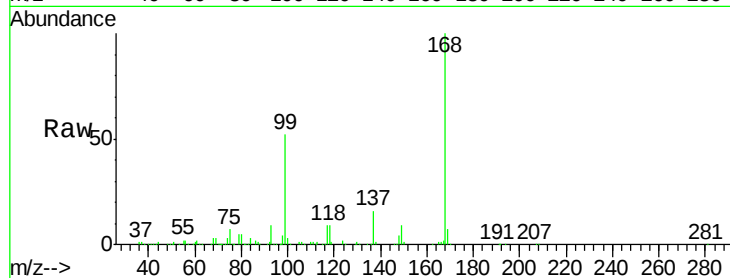
ClientSampled :

Tot Ion:168 Resp: 1162841

Ion Ratio Lower Upper

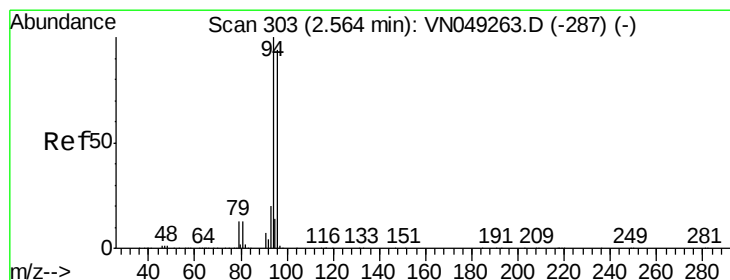
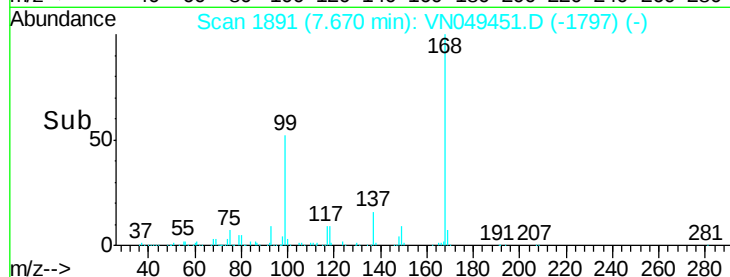
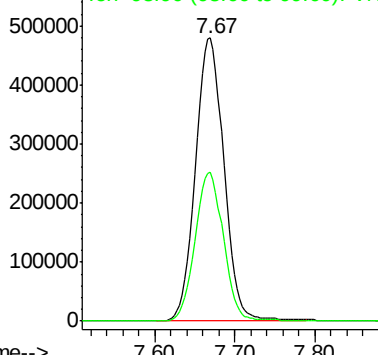
168 100

99 52.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: 0.25 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049451.D

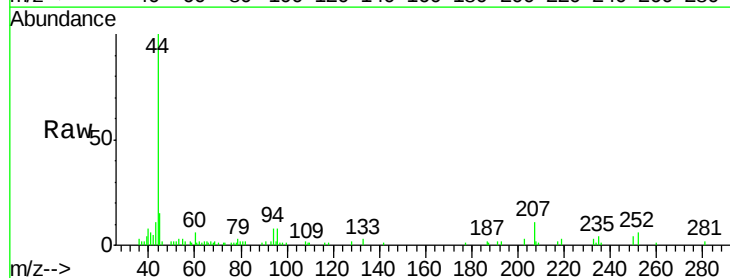
Acq: 20 Jun 2018 21:47

Tgt Ion: 94 Resp: 2424

Ion Ratio Lower Upper

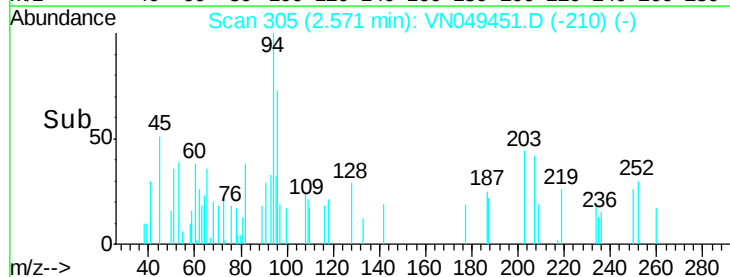
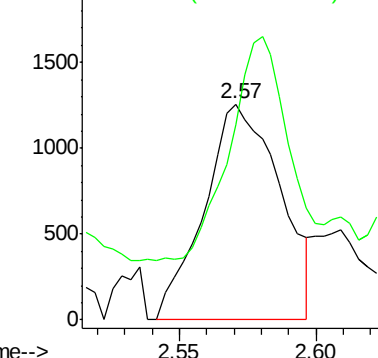
94 100

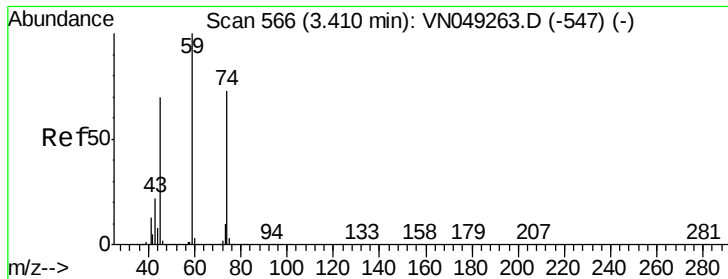
96 62.6 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#8

Diethyl Ether

Concen: 0.76 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

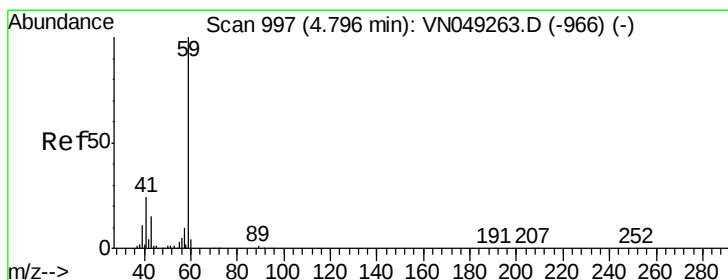
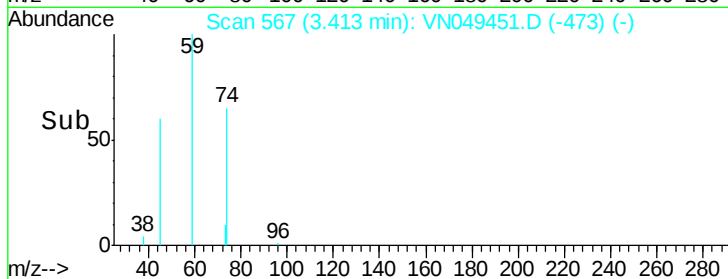
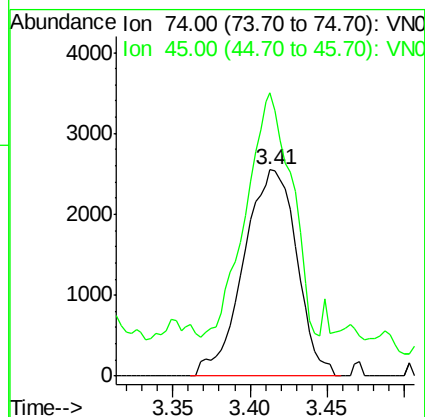
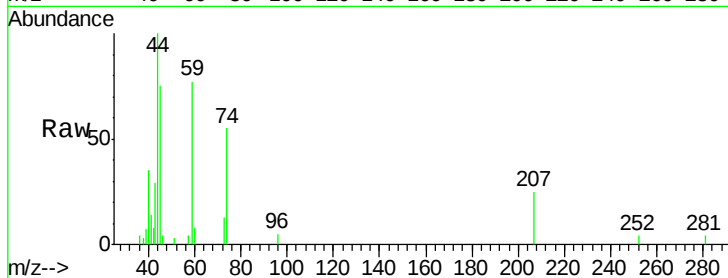
ClientSampleId :

Tot Ion: 74 Resp: 6077

Ion Ratio Lower Upper

74 100

45 106.8 51.9 155.8



#11

Tert butyl alcohol

Concen: 2.06 ug/l

RT: 4.74 min Scan# 980

Delta R.T. -0.05 min

Lab File: VN049451.D

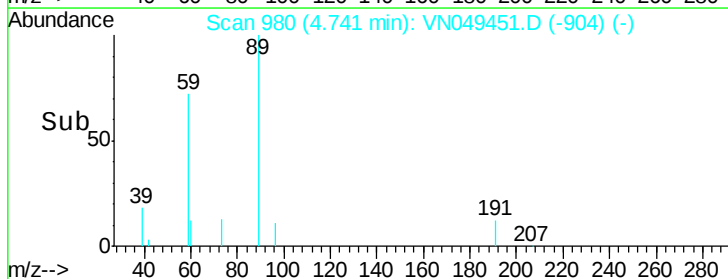
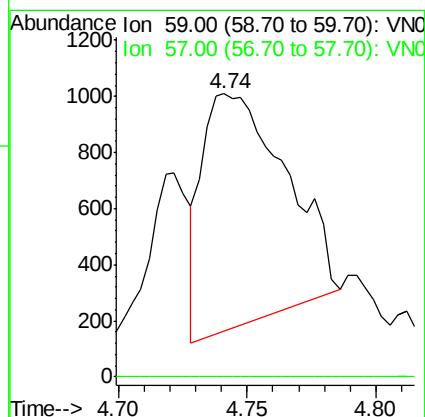
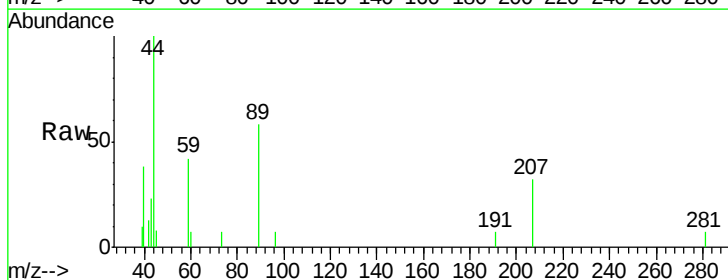
Acq: 20 Jun 2018 21:47

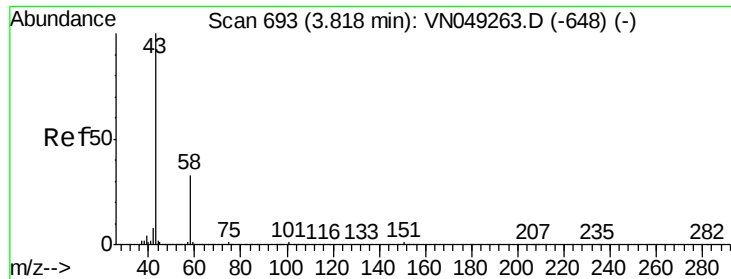
Tgt Ion: 59 Resp: 1868

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#





#16

Acetone

Concen: 11.74 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

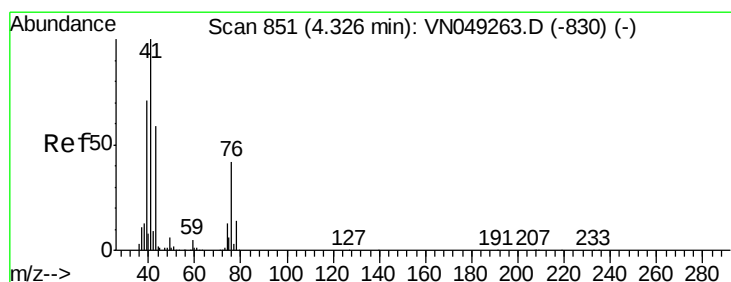
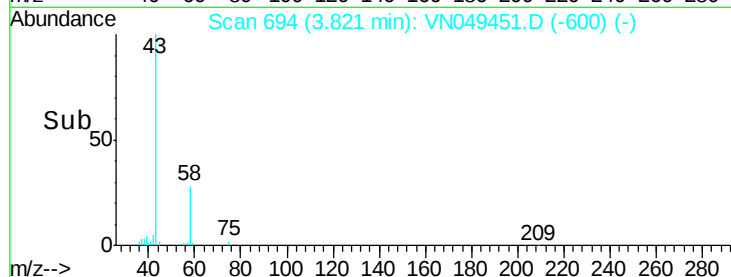
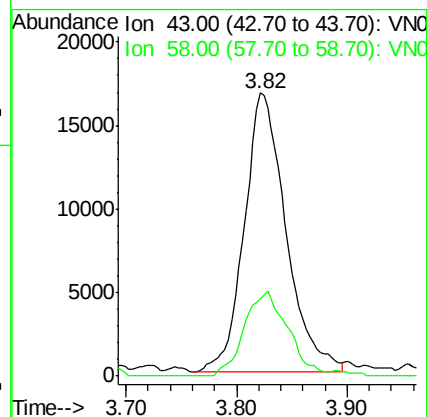
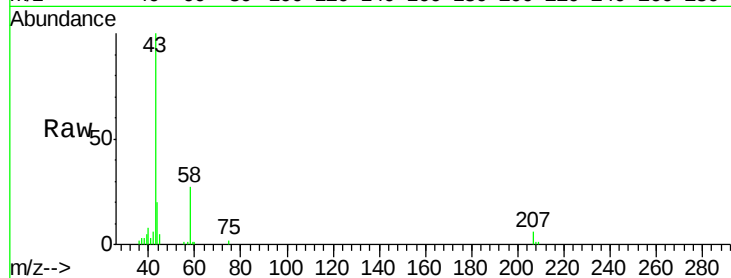
ClientSampleId :

Tot Ion: 43 Resp: 43960

Ion Ratio Lower Upper

43 100

58 27.5 22.4 33.6



#18

Methyl Acetate

Concen: 10.47 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049451.D

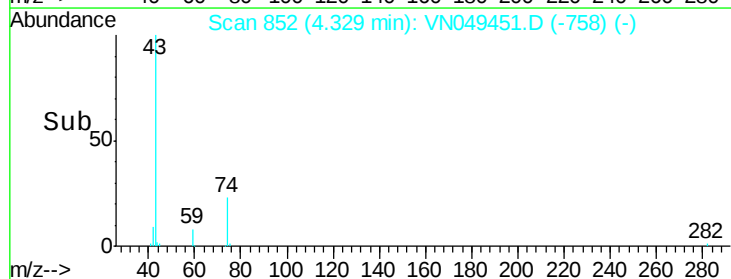
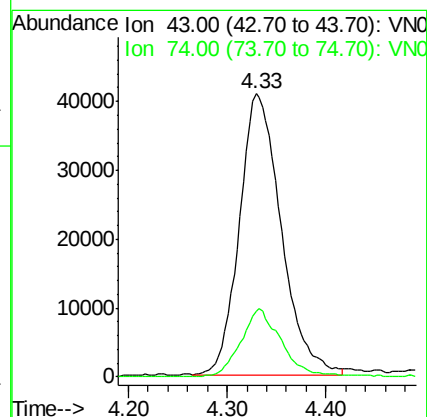
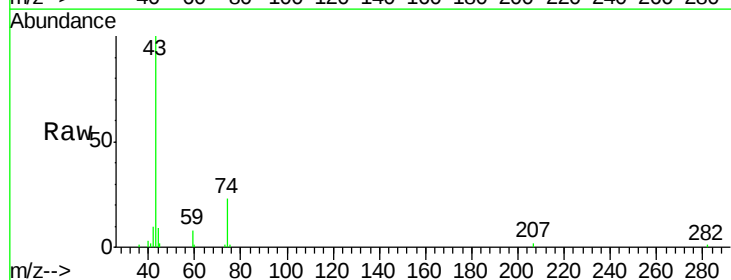
Acq: 20 Jun 2018 21:47

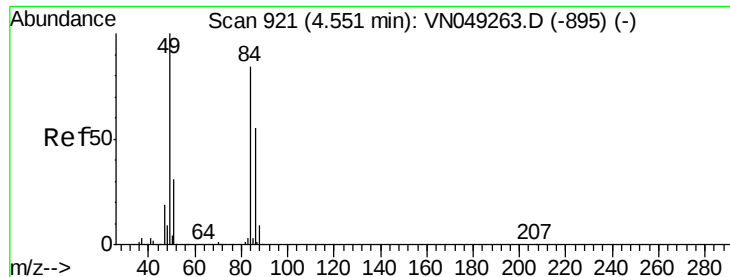
Tgt Ion: 43 Resp: 119566

Ion Ratio Lower Upper

43 100

74 23.6 17.4 26.0

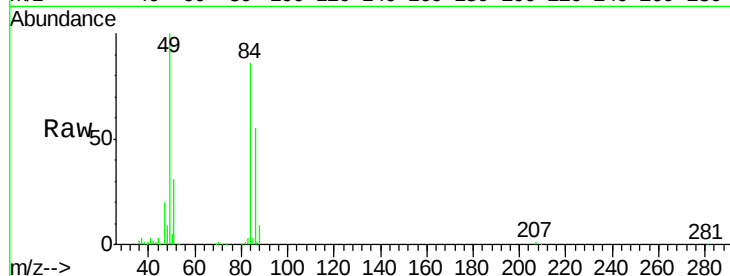




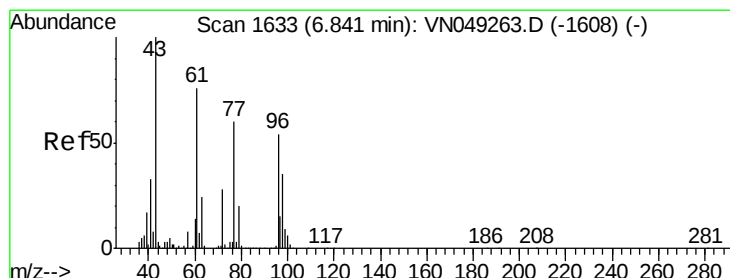
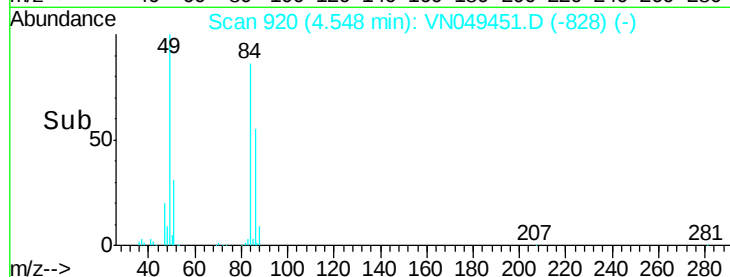
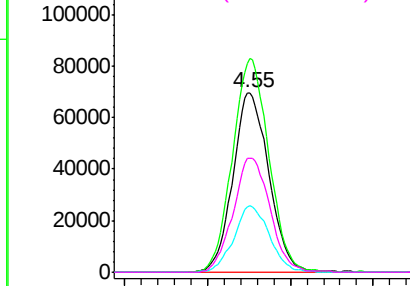
#20
Methvlene Chloride
Concen: 13.41 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049451.D
Acq: 20 Jun 2018 21:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 209749
Ion Ratio Lower Upper
84 100
49 116.0 106.9 160.3
51 36.4 32.7 49.1
86 63.2 49.8 74.8

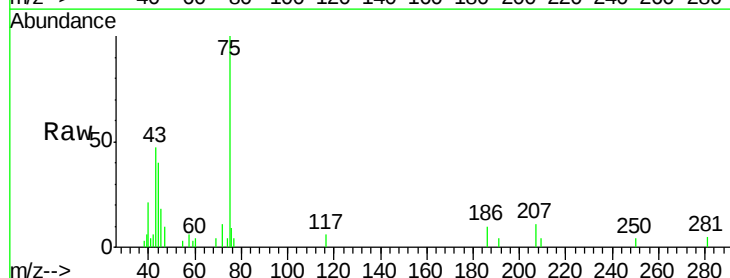


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

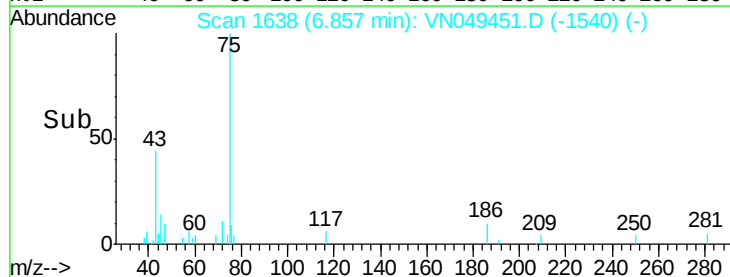
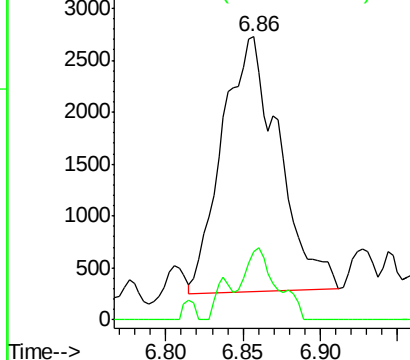


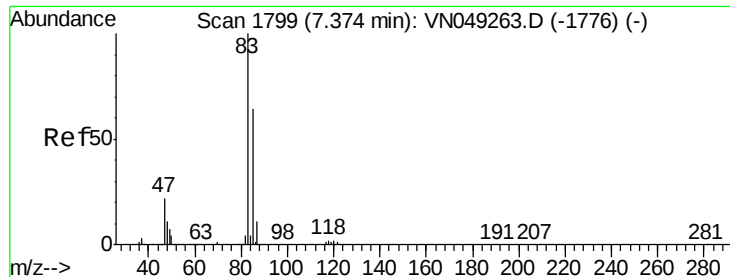
#25
2-Butanone
Concen: 1.24 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049451.D
Acq: 20 Jun 2018 21:47

Tgt Ion: 43 Resp: 6257
Ion Ratio Lower Upper
43 100
72 27.4 20.2 30.2



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

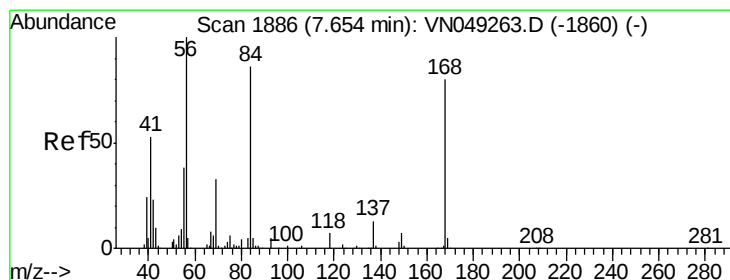
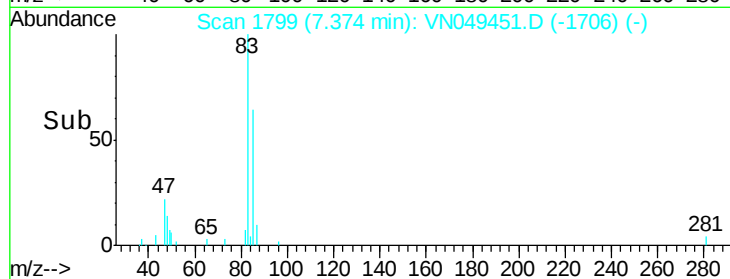
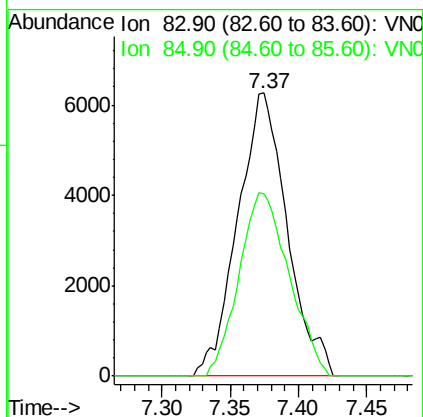
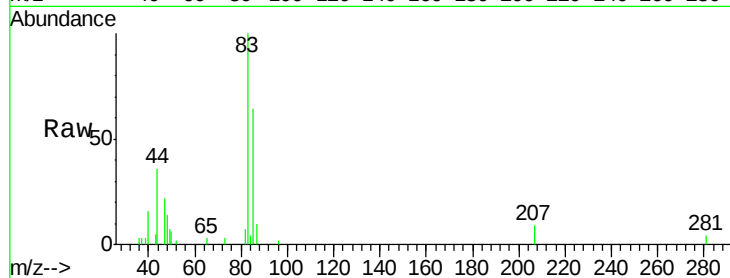




#30
Chloroform
Concen: 0.59 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049451.D
Acq: 20 Jun 2018 21:47

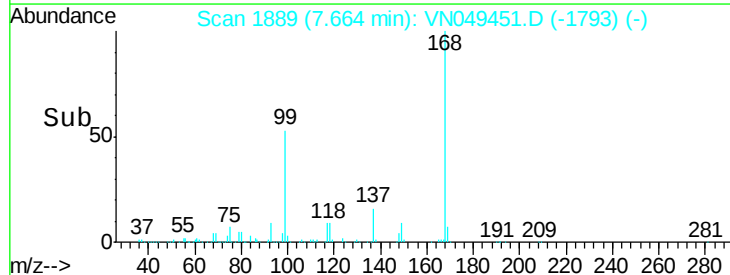
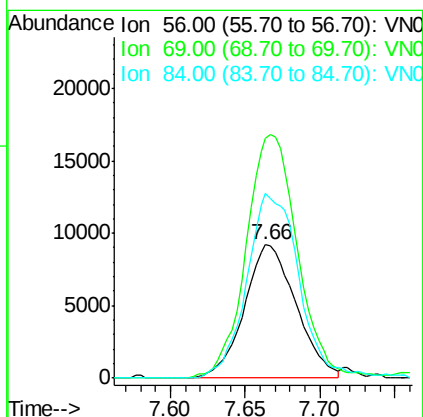
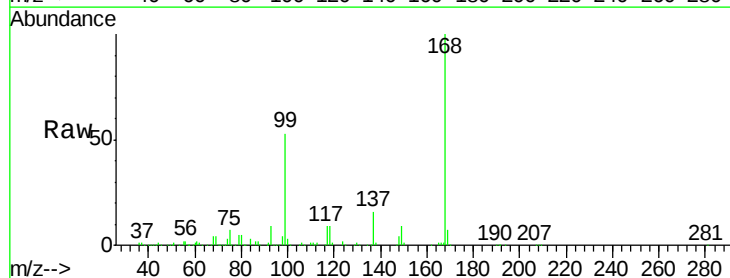
Instrument :
MSVOA_N
ClientSampleId :

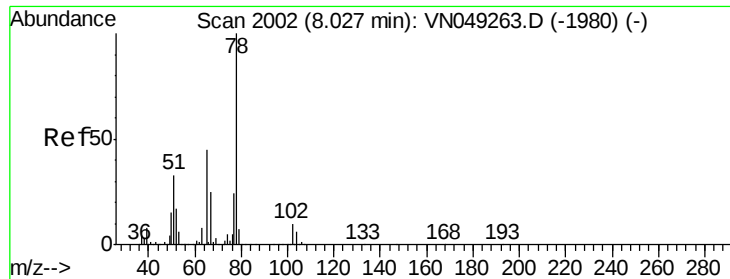
Tot Ion: 83 Resp: 15776
Ion Ratio Lower Upper
83 100
85 64.4 51.7 77.5



#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. 0.01 min
Lab File: VN049451.D
Acq: 20 Jun 2018 21:47

Tgt Ion: 56 Resp: 22164
Ion Ratio Lower Upper
56 100
69 180.0 25.0 37.4#
84 138.9 64.6 96.8#





#33

1,2-Dichloroethane-d4

Concen: 51.21 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

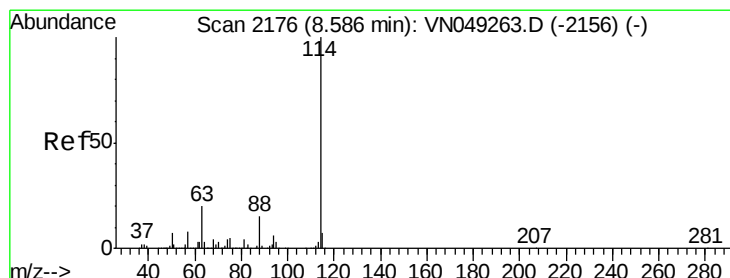
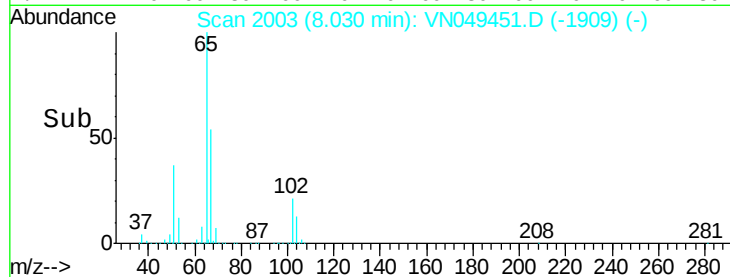
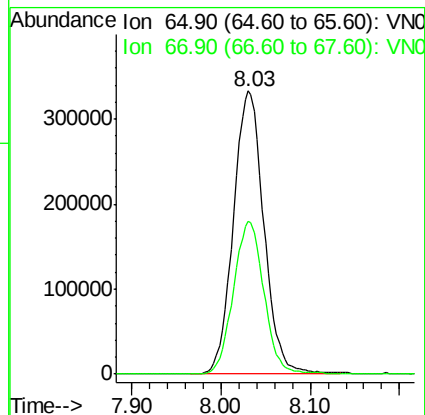
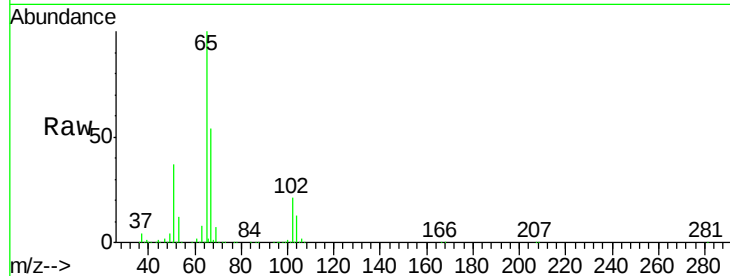
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 789876

Ion Ratio Lower Upper

65 100

67 54.1 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

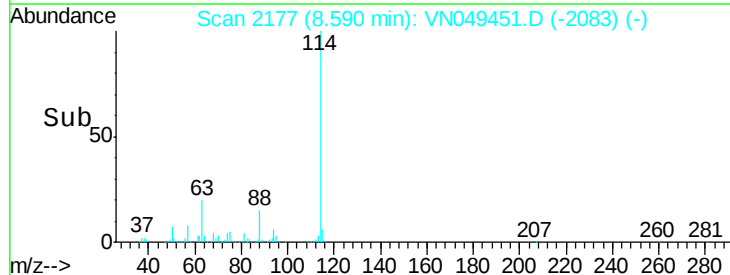
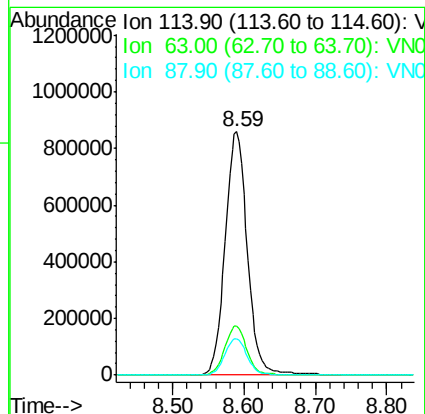
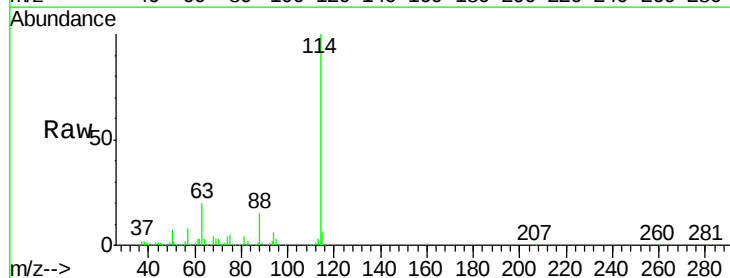
Tgt Ion: 114 Resp: 1857481

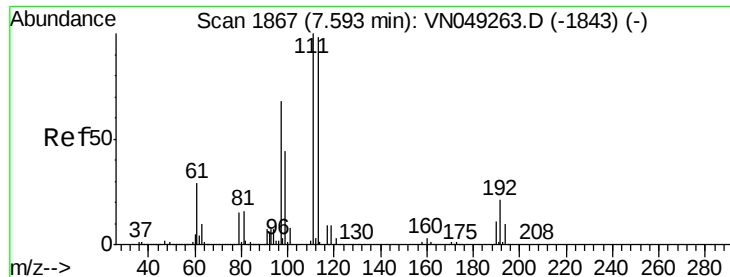
Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

88 15.1 0.0 31.4

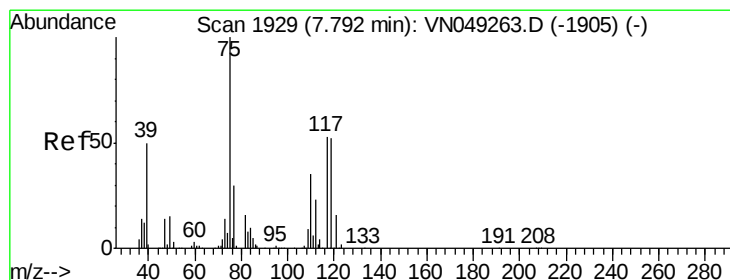
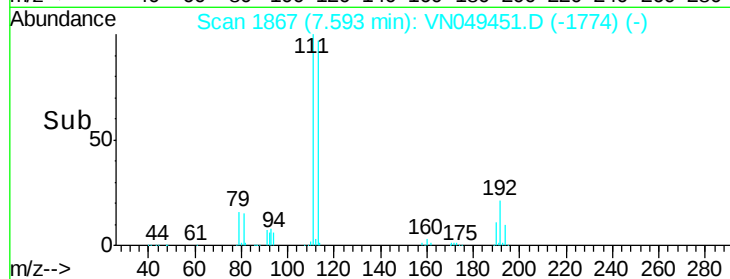
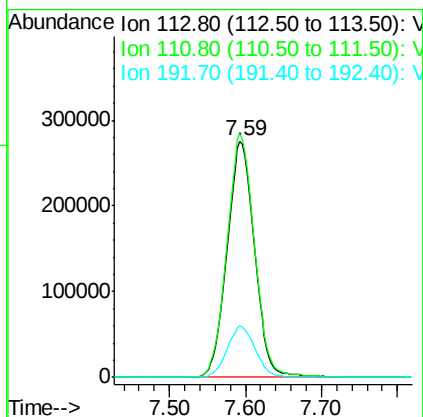
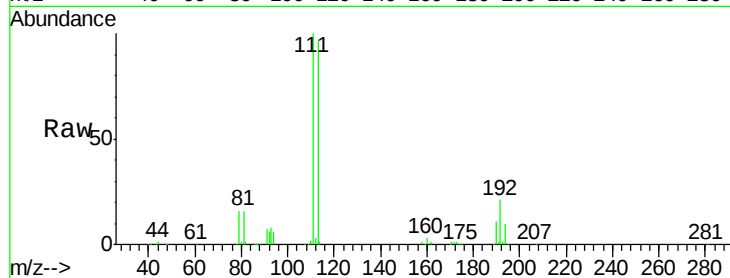




#35
 Dibromofluoromethane
 Concen: 46.21 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049451.D
 Acq: 20 Jun 2018 21:47

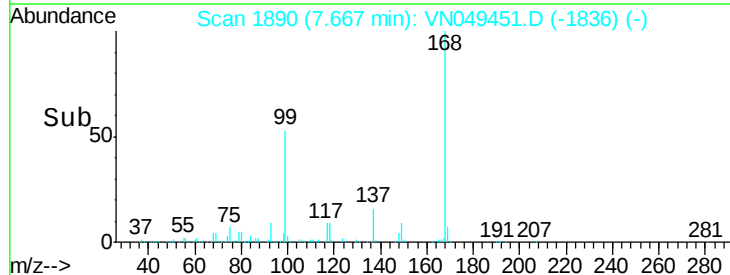
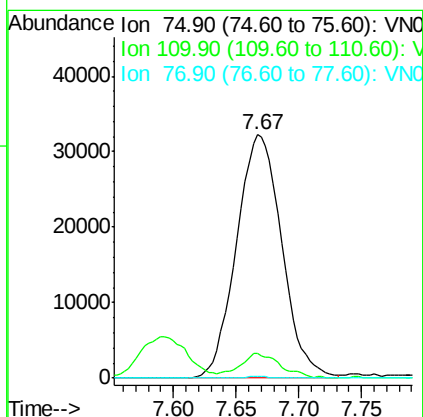
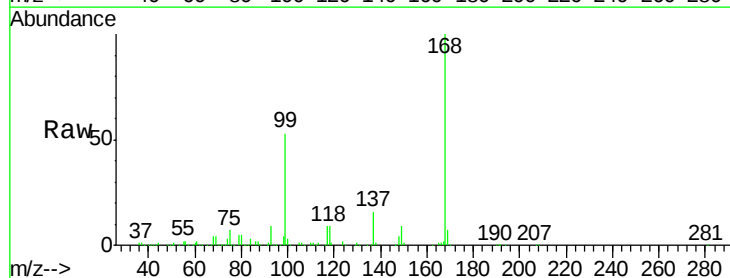
Instrument :
 MSVOA_N
 ClientSampleId :

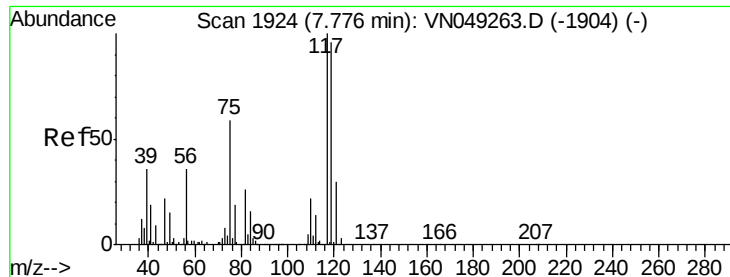
Tot Ion:113 Resp: 694485
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 21.9 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 3.80 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049451.D
 Acq: 20 Jun 2018 21:47

Tgt Ion: 75 Resp: 80890
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.0 50.9#
 77 0.2 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.73 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

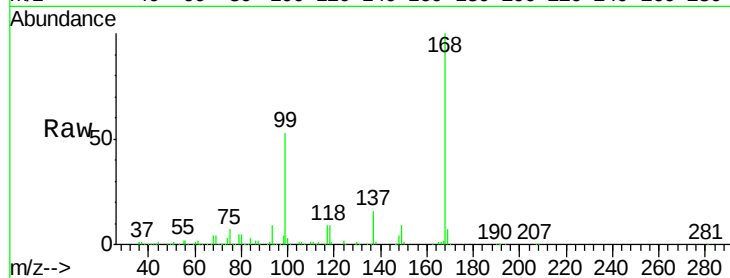
Tot Ion:117 Resp: 104137

Ion Ratio Lower Upper

117 100

119 6.0 75.6 113.4#

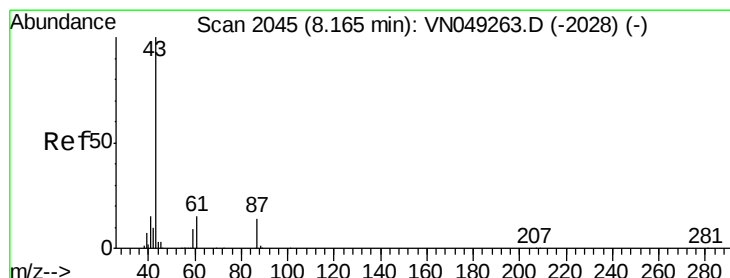
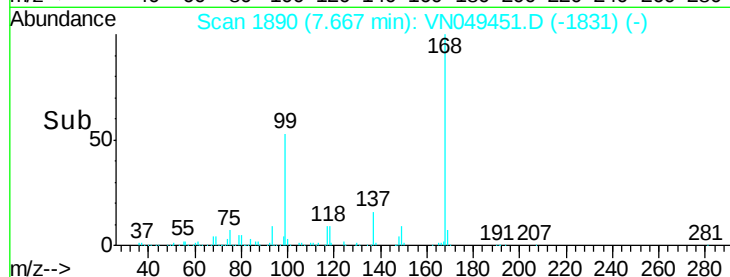
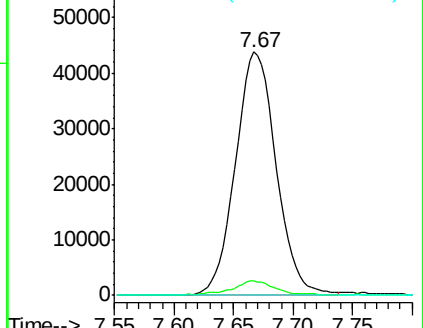
121 0.0 24.7 37.1#



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: 9.24 ug/l

RT: 8.22 min Scan# 2062

Delta R.T. 0.05 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

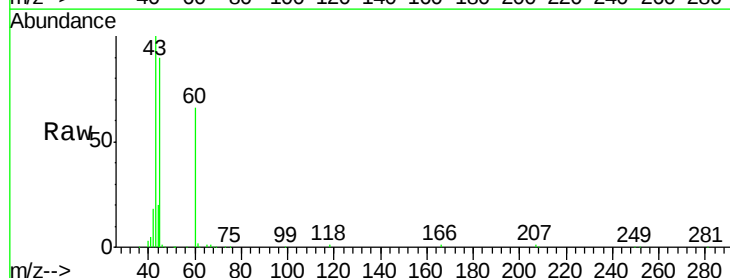
Tgt Ion: 43 Resp: 204330

Ion Ratio Lower Upper

43 100

61 0.3 14.2 21.4#

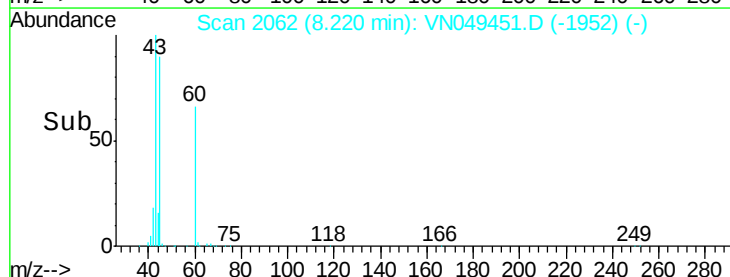
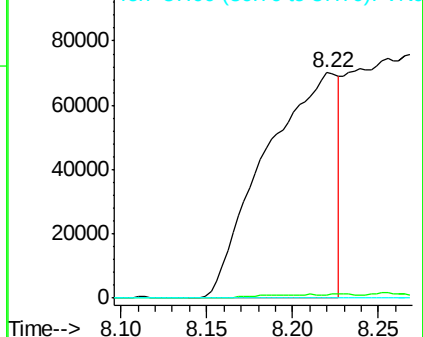
87 0.0 9.4 14.0#

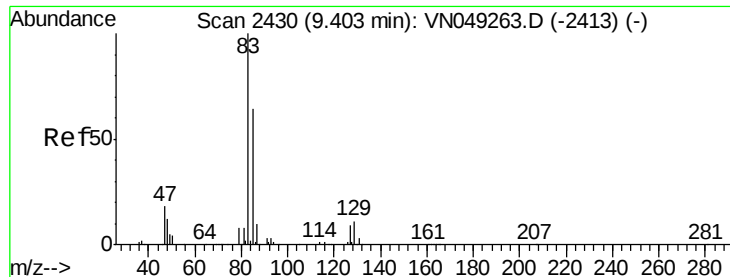


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#47

Bromodichloromethane

Concen: 0.34 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :
MSVOA_N
ClientSampleId :

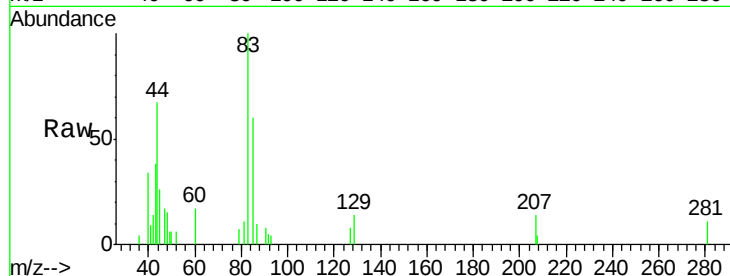
Tot Ion: 83 Resp: 7472

Ion Ratio Lower Upper

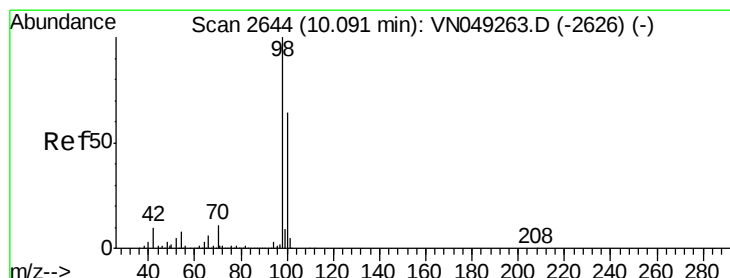
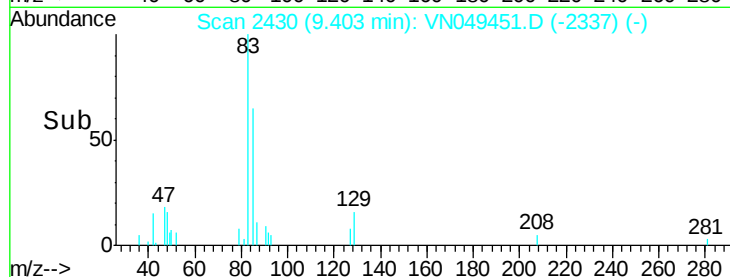
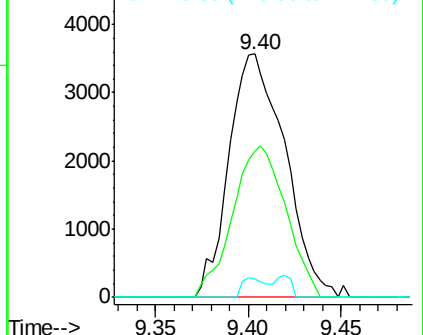
83 100

85 60.2 49.4 74.0

127 7.7 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#50

Toluene-d8

Concen: 43.96 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049451.D

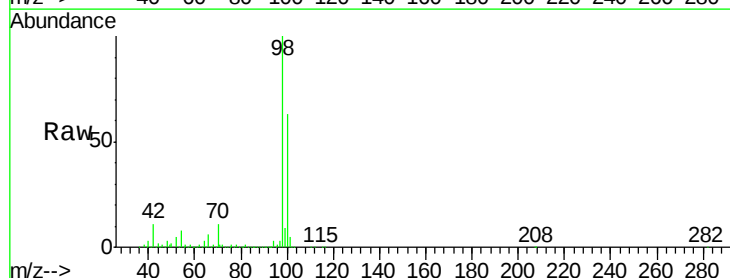
Acq: 20 Jun 2018 21:47

Tgt Ion: 98 Resp: 2515445

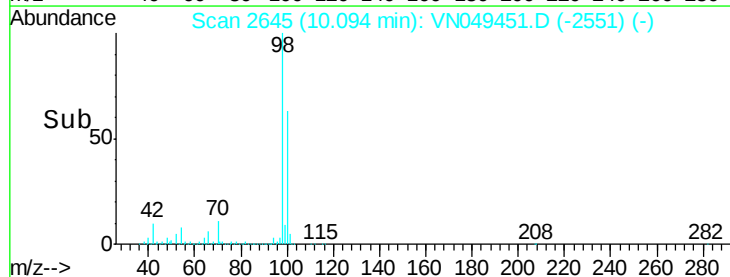
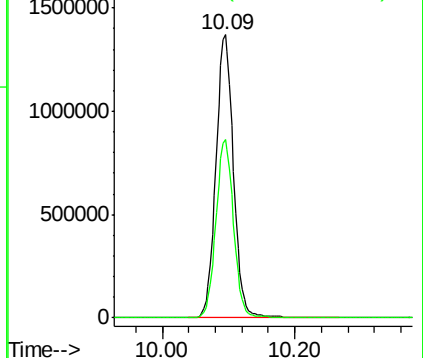
Ion Ratio Lower Upper

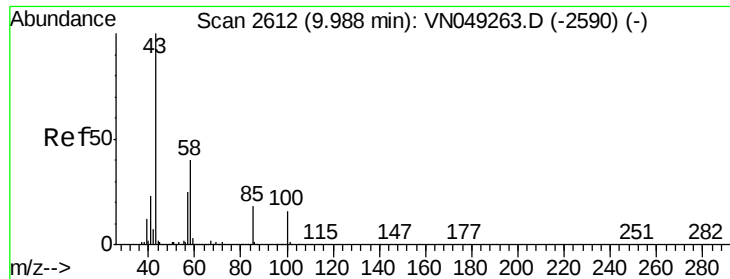
98 100

100 63.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

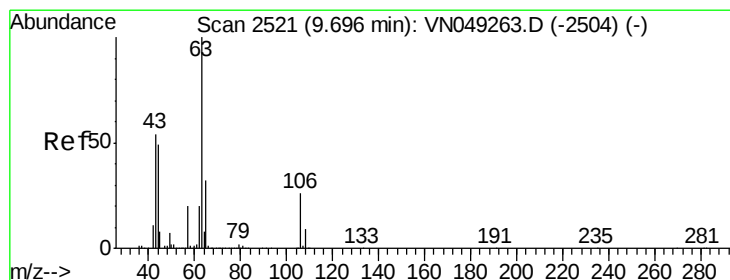
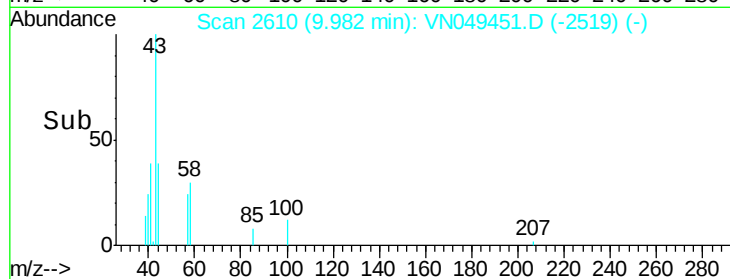
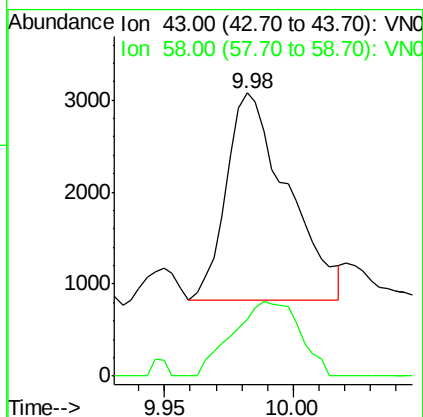
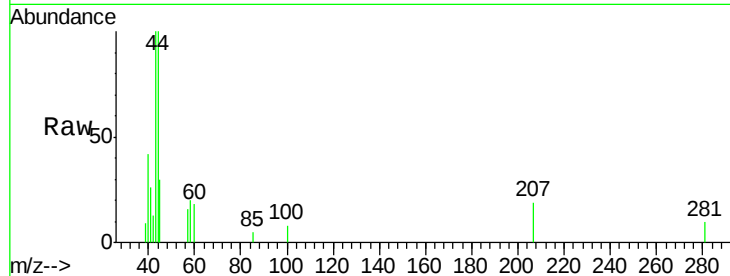




#51
 4-Methyl-2-Pentanone
 Concen: 0.32 ug/l
 RT: 9.98 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: VN049451.D
 Acq: 20 Jun 2018 21:47

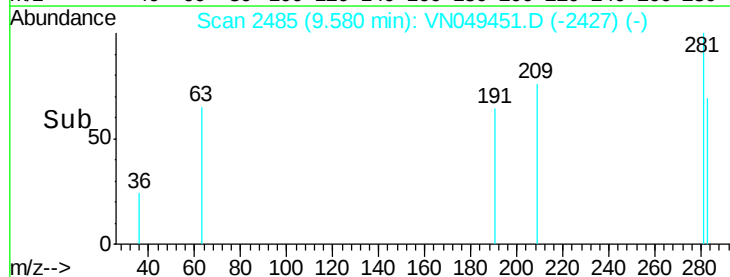
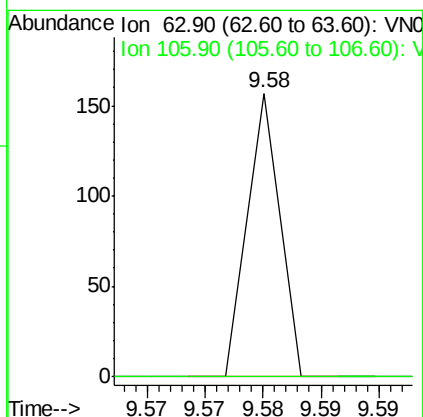
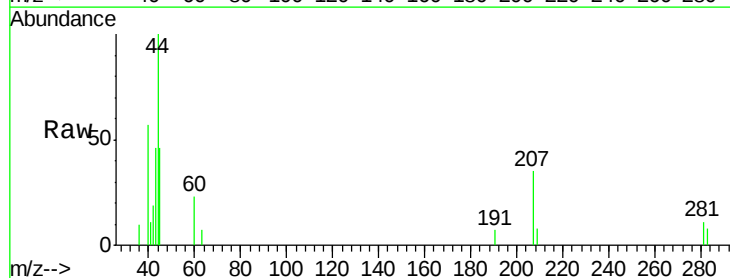
Instrument :
 MSVOA_N
 ClientSampled :

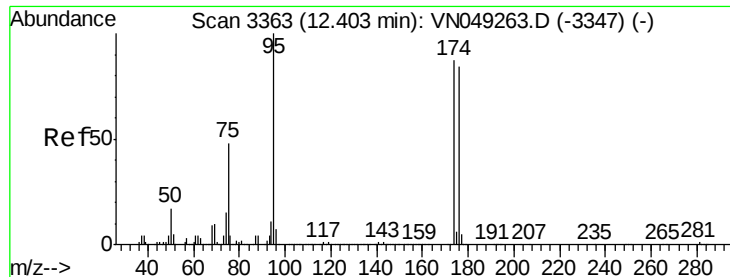
Tot Ion: 43 Resp: 3715
 Ion Ratio Lower Upper
 43 100
 58 39.5 29.0 43.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 14.33 ug/l
 RT: 9.58 min Scan# 2485
 Delta R.T. -0.11 min
 Lab File: VN049451.D
 Acq: 20 Jun 2018 21:47

Tgt Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.2#





#62

4-Bromofluorobenzene

Concen: 34.72 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

ClientSampled :

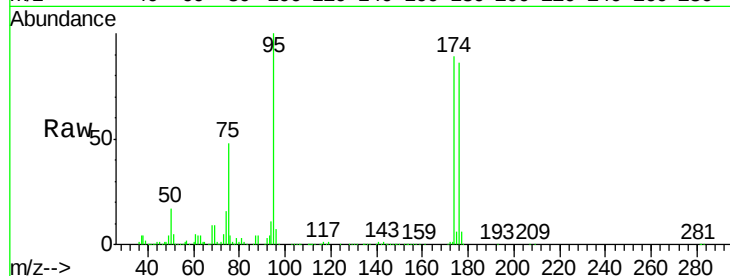
Tot Ion: 95 Resp: 656914

Ion Ratio Lower Upper

95 100

174 89.8 0.0 165.6

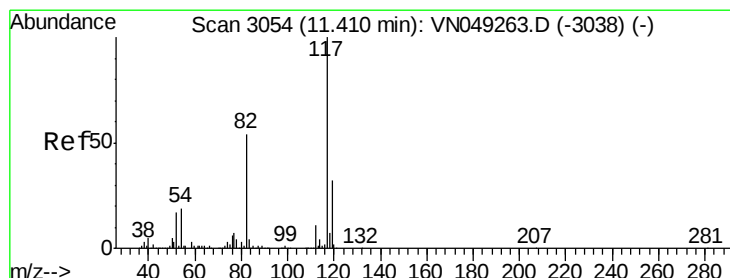
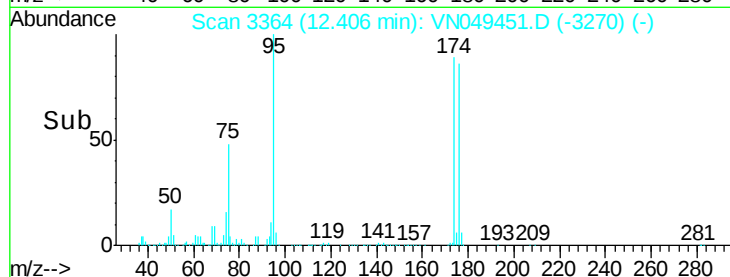
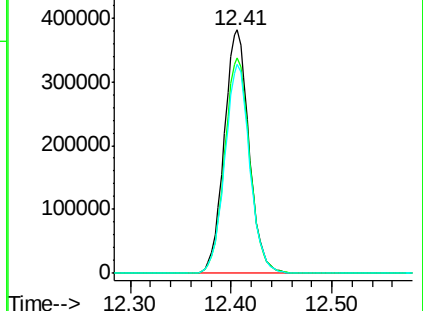
176 85.9 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049451.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049451.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049451.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

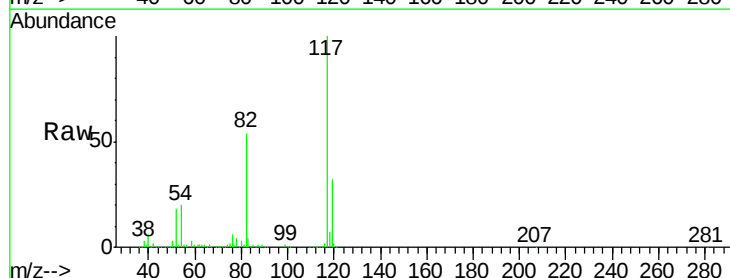
Tgt Ion: 117 Resp: 1500012

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

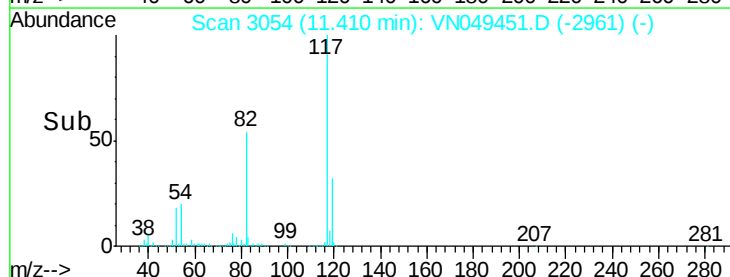
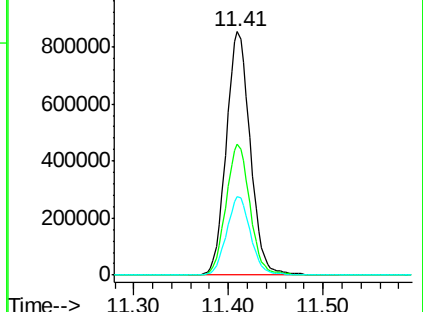
119 32.3 25.5 38.3

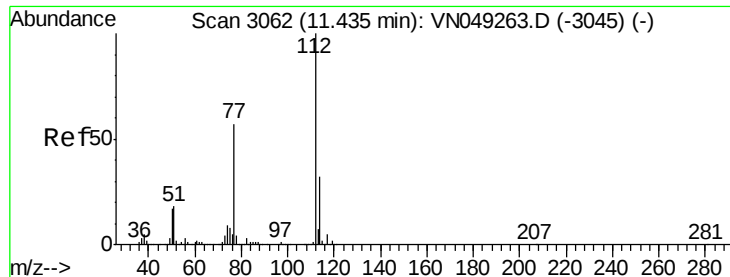


Abundance Ion 116.90 (116.60 to 117.60): VN049451.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049451.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049451.D (-2961) (-)

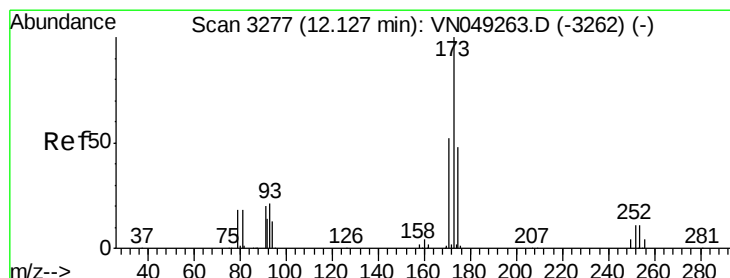
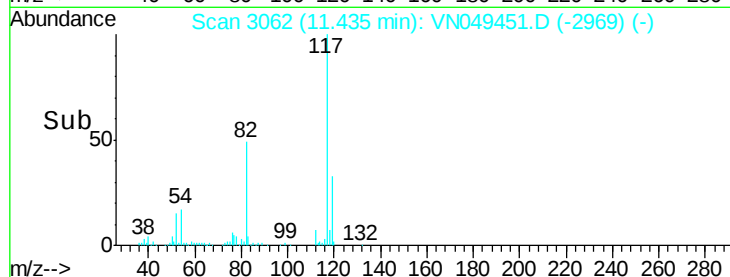
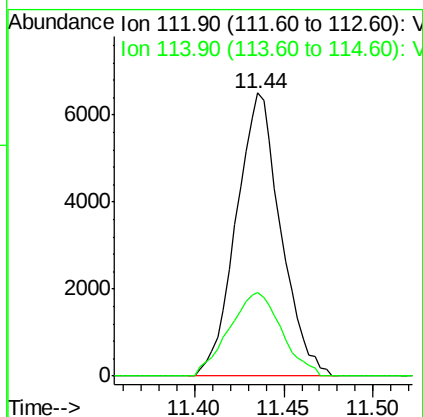
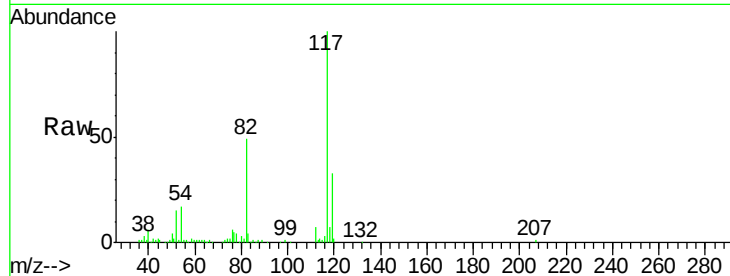




#65
Chlorobenzene
Concen: 0.29 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049451.D
Acq: 20 Jun 2018 21:47

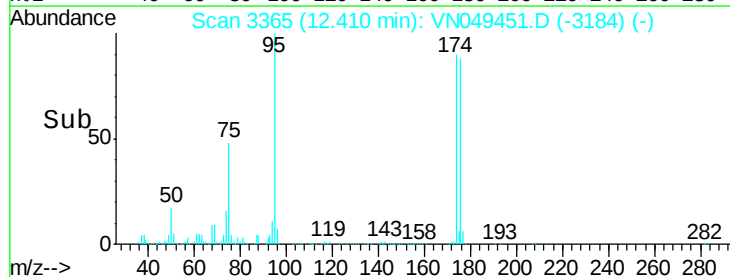
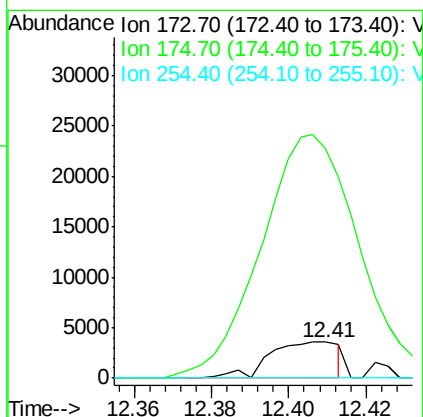
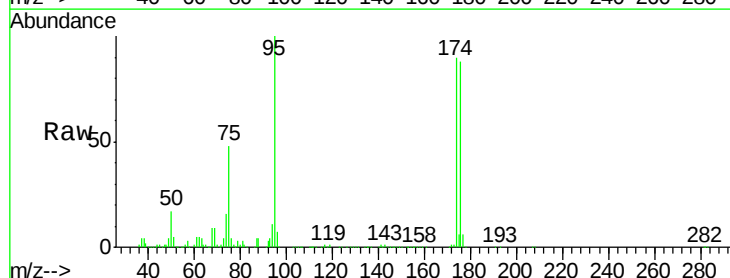
Instrument :
MSVOA_N
ClientSampleId :

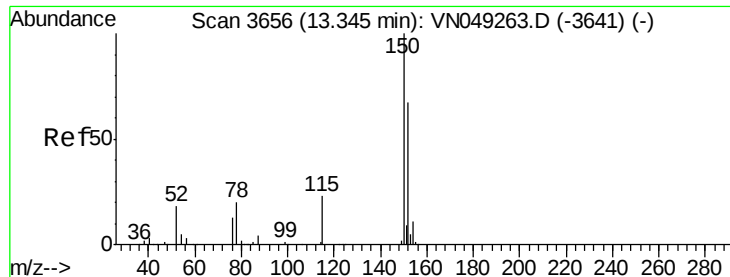
Tot Ion:112 Resp: 11346
Ion Ratio Lower Upper
112 100
114 29.8 26.2 39.4



#71
Bromoform
Concen: 0.48 ug/l
RT: 12.41 min Scan# 3365
Delta R.T. 0.28 min
Lab File: VN049451.D
Acq: 20 Jun 2018 21:47

Tgt Ion:173 Resp: 4499
Ion Ratio Lower Upper
173 100
175 729.9 24.5 73.5#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

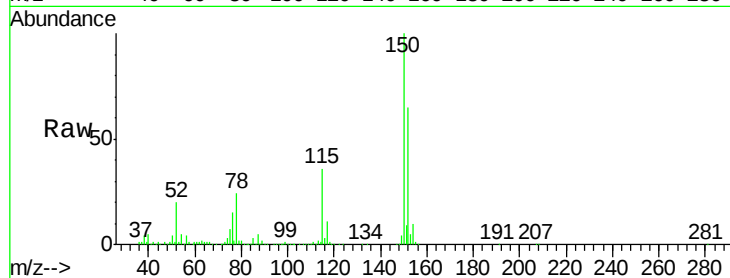
Tot Ion:152 Resp: 487555

Ion Ratio Lower Upper

152 100

115 56.1 28.7 86.1

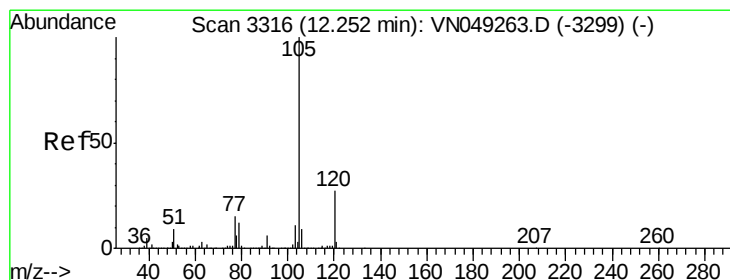
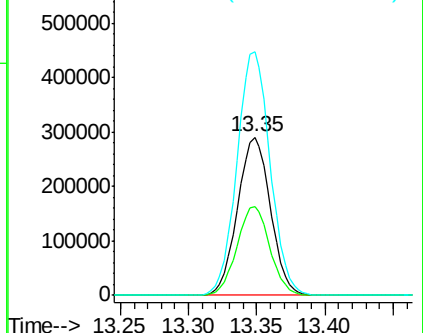
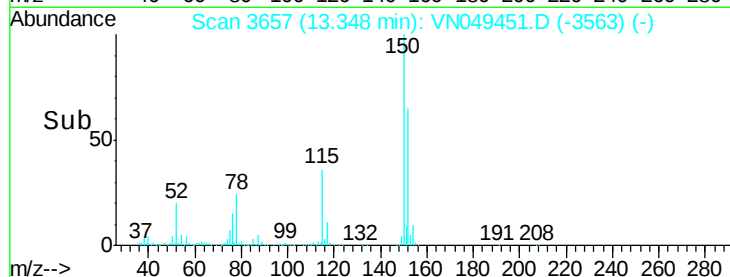
150 155.1 0.0 351.0



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



#73

Isopropylbenzene

Concen: 0.88 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049451.D

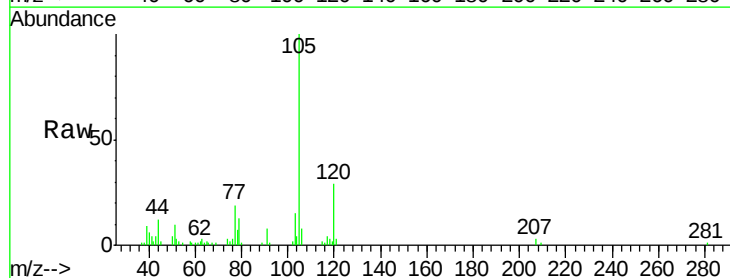
Acq: 20 Jun 2018 21:47

Tgt Ion:105 Resp: 37855

Ion Ratio Lower Upper

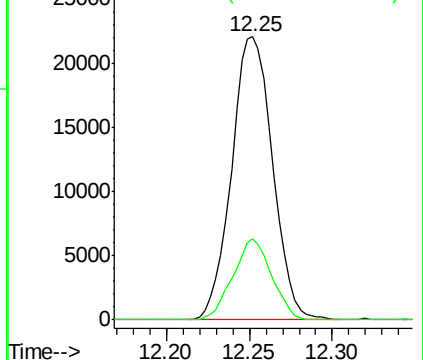
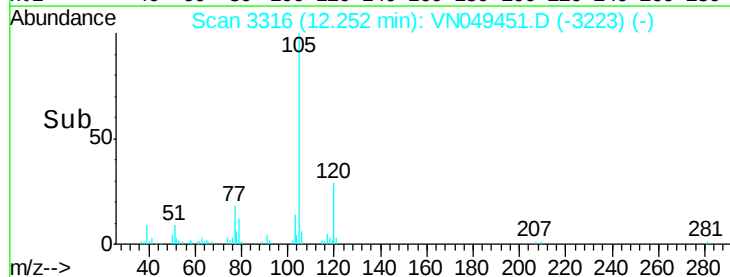
105 100

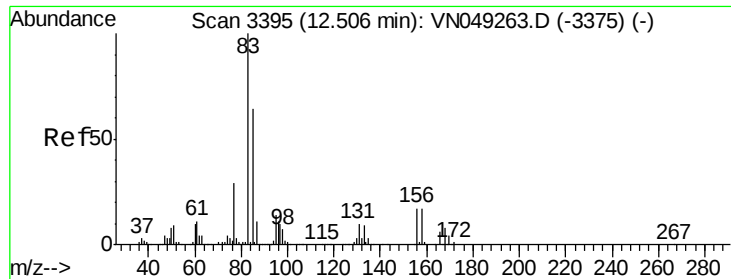
120 27.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3397

Delta R.T. 0.01 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

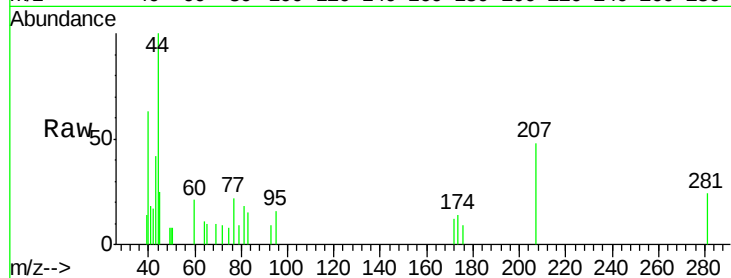
Tot Ion: 83 Resp: 138

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

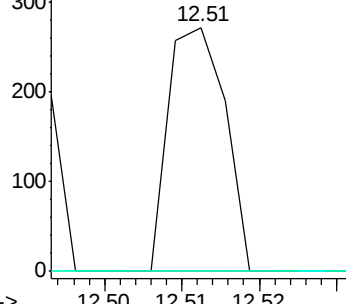
85 0.0 32.0 96.0#



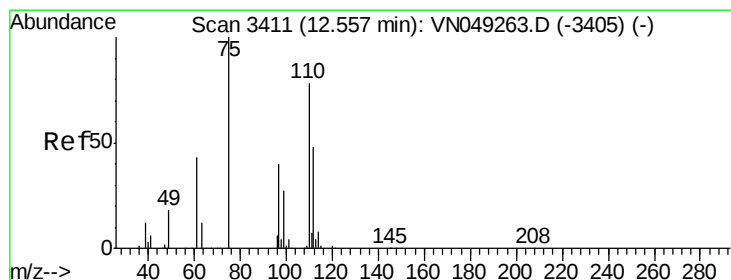
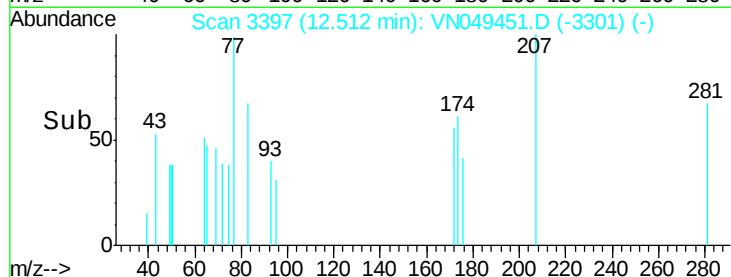
Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



Time-->



#76

1,2,3-Trichloropropane

Concen: 38.22 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. -0.15 min

Lab File: VN049451.D

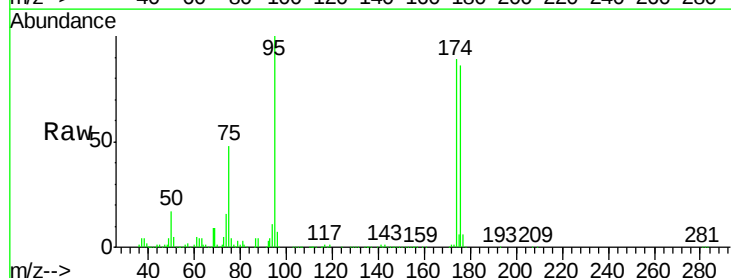
Acq: 20 Jun 2018 21:47

Tgt Ion: 75 Resp: 317986

Ion Ratio Lower Upper

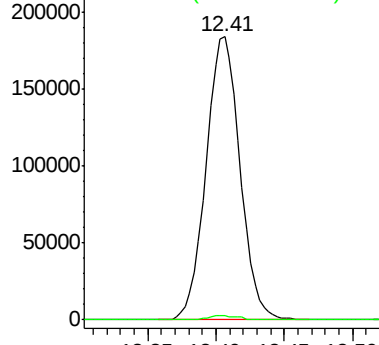
75 100

77 1.5 0.0 0.0#

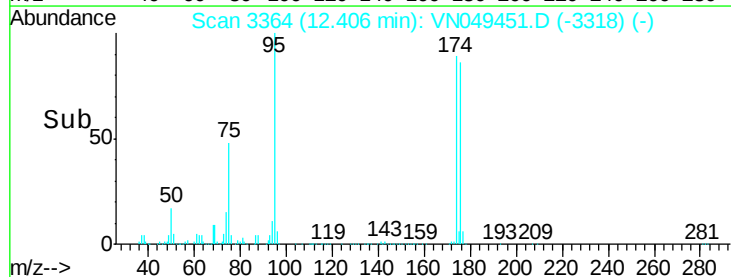


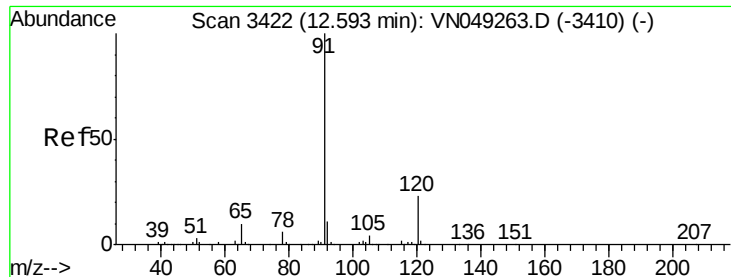
Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC



Time-->





#78

n-propylbenzene

Concen: 2.17 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

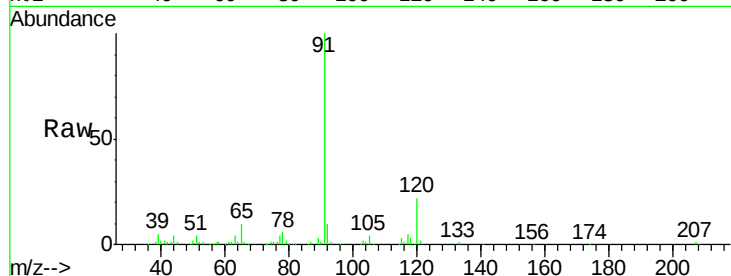
ClientSampled :

Tot Ion: 91 Resp: 102223

Ion Ratio Lower Upper

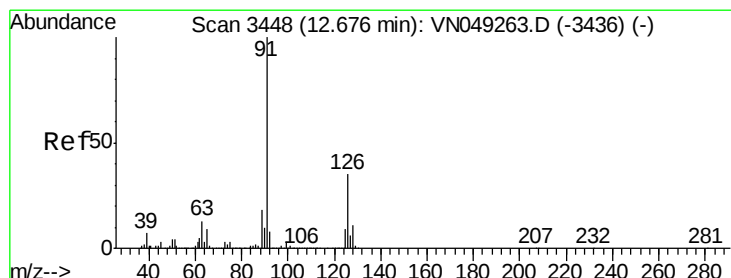
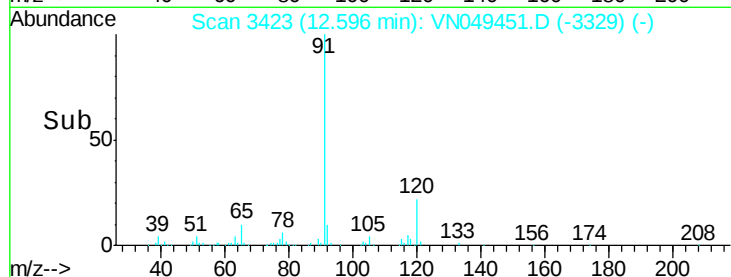
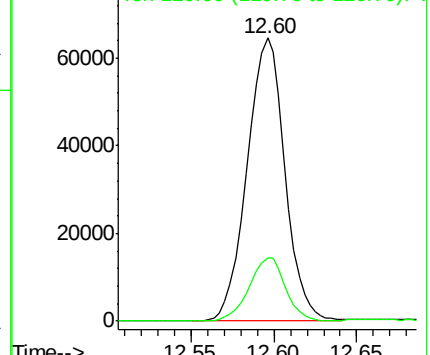
91 100

120 21.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 3.43 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. -0.08 min

Lab File: VN049451.D

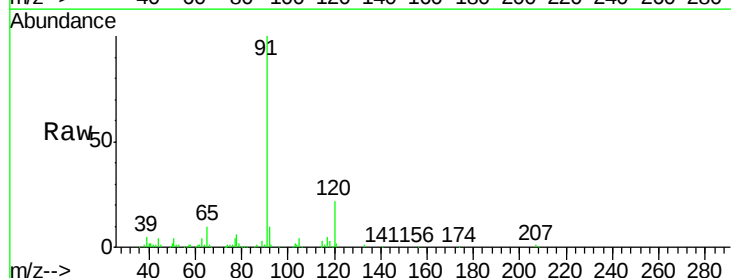
Acq: 20 Jun 2018 21:47

Tgt Ion: 91 Resp: 102223

Ion Ratio Lower Upper

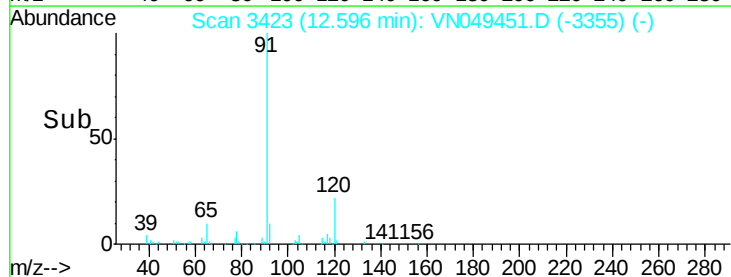
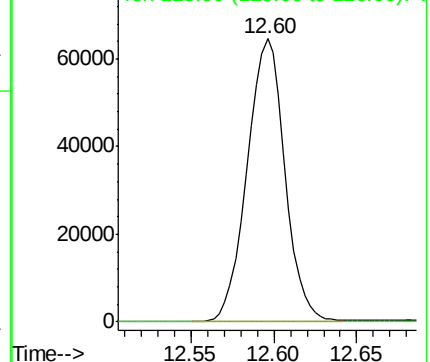
91 100

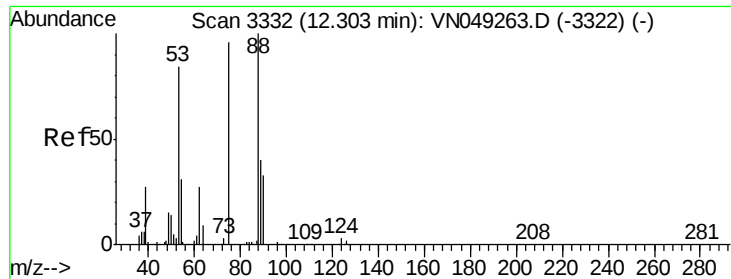
126 0.0 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 120.81 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.10 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

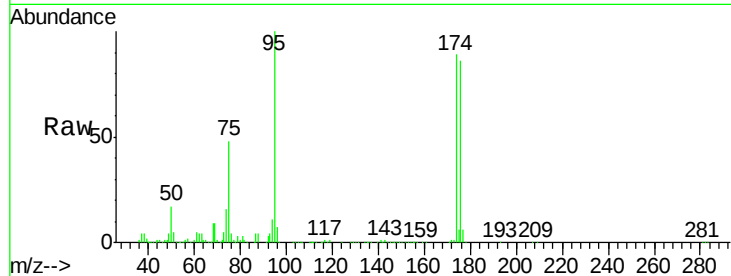
Tot Ion: 75 Resp: 317986

Ion Ratio Lower Upper

75 100

53 0.2 82.7 124.1#

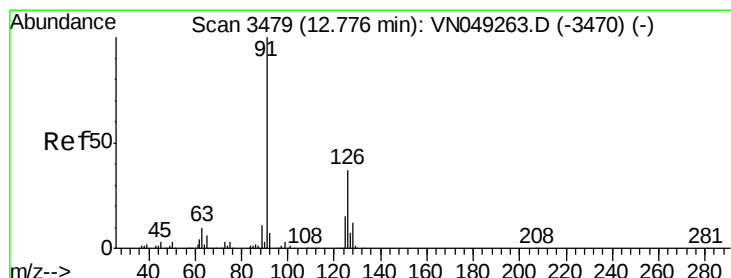
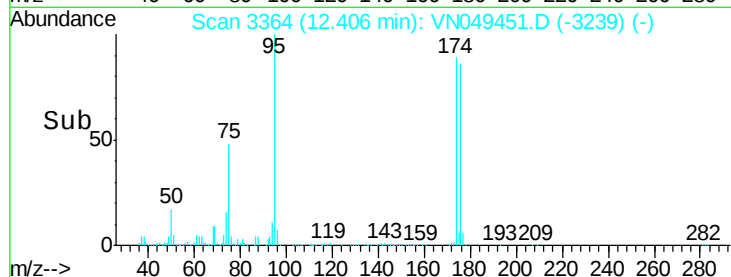
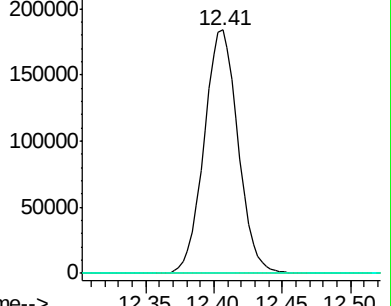
89 0.0 36.5 54.7#



Abundance Ion 74.90 (74.60 to 75.60): VN049451.D (-3364) (-)

Ion 53.00 (52.70 to 53.70): VN049451.D (-3364) (-)

Ion 88.90 (88.60 to 89.60): VN049451.D (-3364) (-)



#82

4-Chlorotoluene

Concen: 3.56 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. -0.18 min

Lab File: VN049451.D

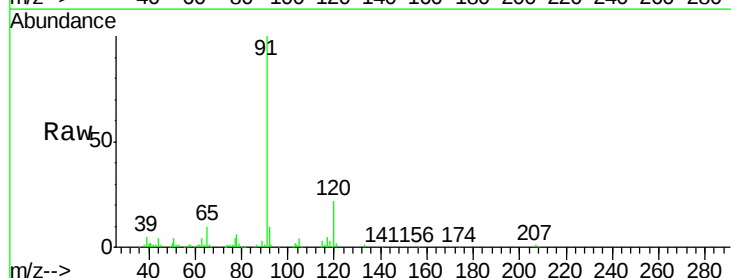
Acq: 20 Jun 2018 21:47

Tgt Ion: 91 Resp: 102223

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#



Abundance Ion 91.00 (90.70 to 91.70): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

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Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

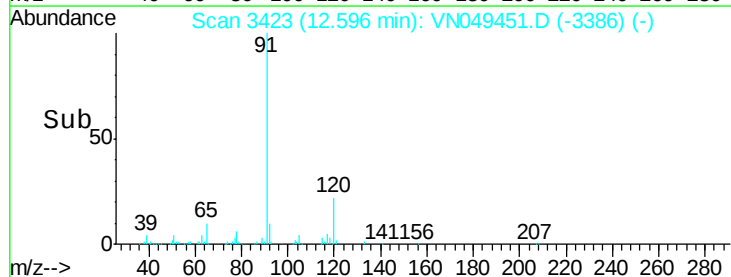
Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)



Abundance Ion 91.00 (90.70 to 91.70): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

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Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

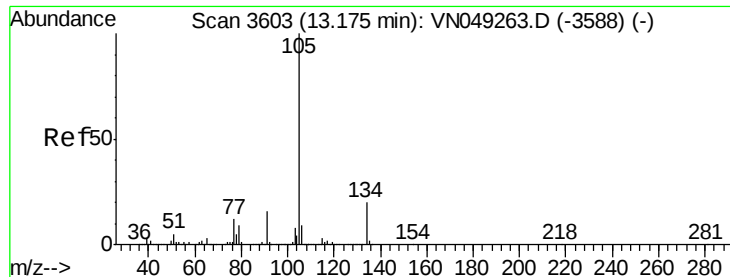
Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)

Ion 125.90 (125.60 to 126.60): VN049451.D (-3423) (-)



#85

sec-Butylbenzene

Concen: 1.17 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

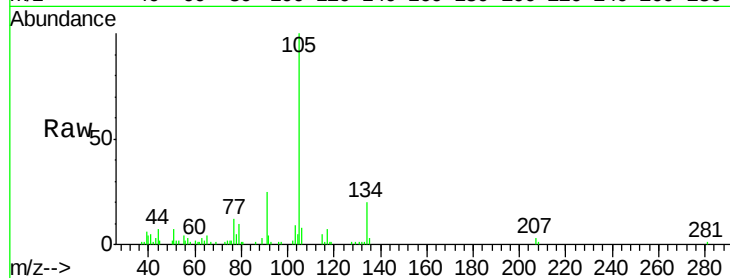
ClientSampleId :

Tot Ion:105 Resp: 46590

Ion Ratio Lower Upper

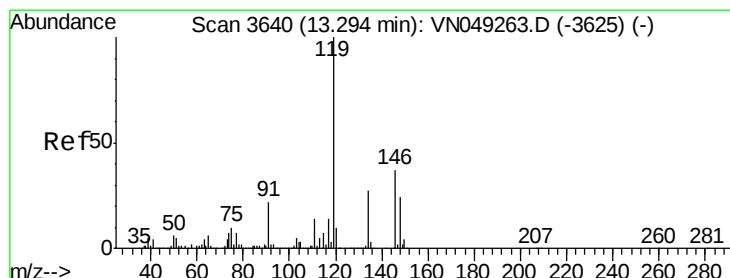
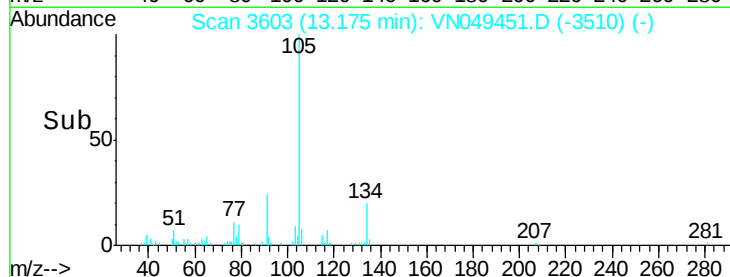
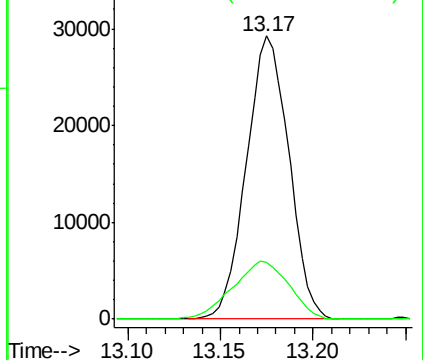
105 100

134 27.0 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.52 ug/l

RT: 13.45 min Scan# 3688

Delta R.T. 0.15 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

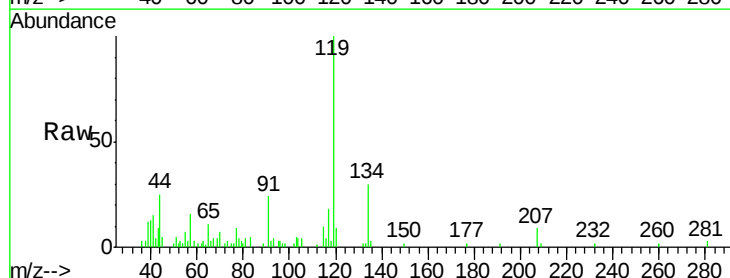
Tgt Ion:119 Resp: 17251

Ion Ratio Lower Upper

119 100

134 29.4 12.9 38.6

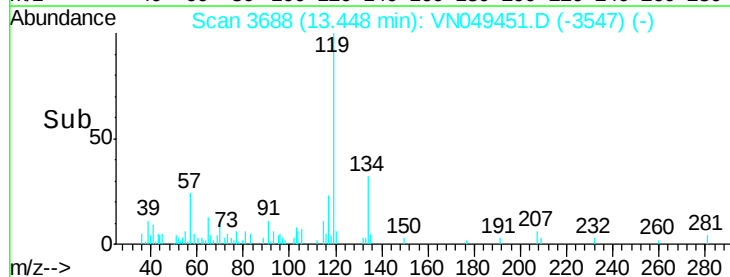
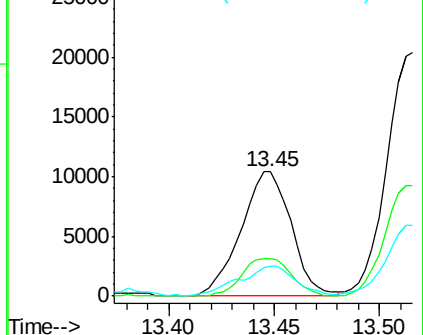
91 27.6 12.1 36.3

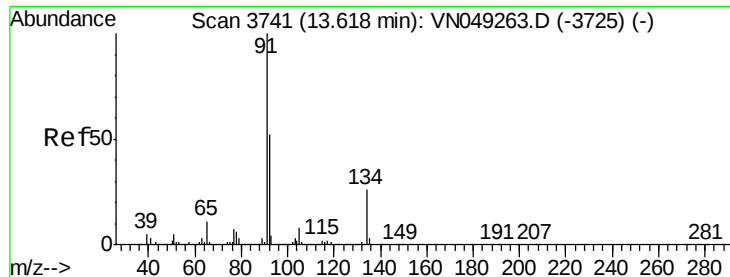


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

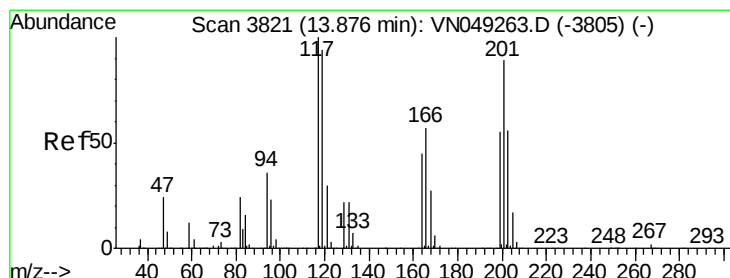
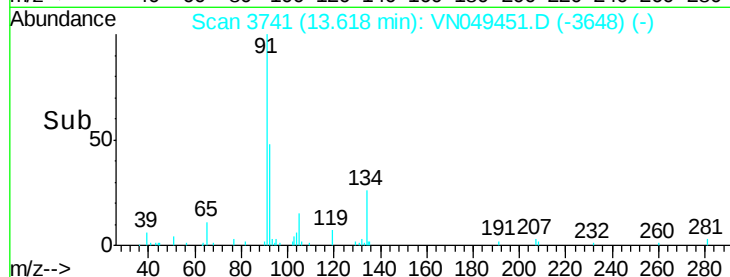
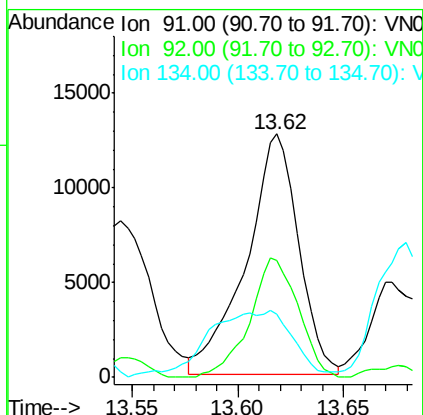
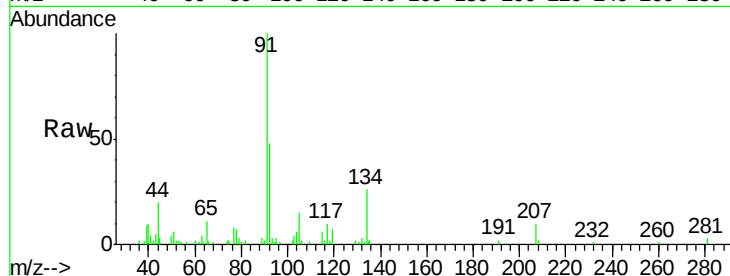




#89
n-Butylbenzene
Concen: 0.85 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049451.D
Acq: 20 Jun 2018 21:47

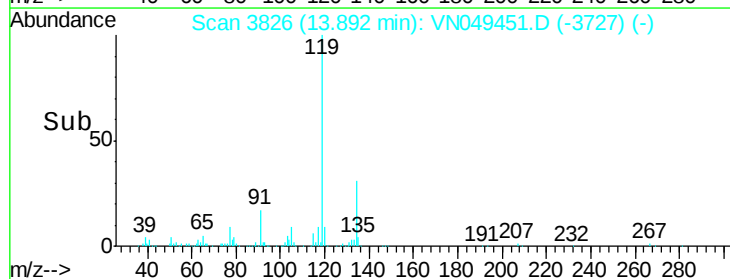
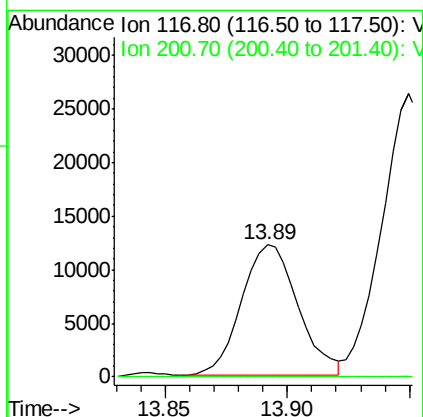
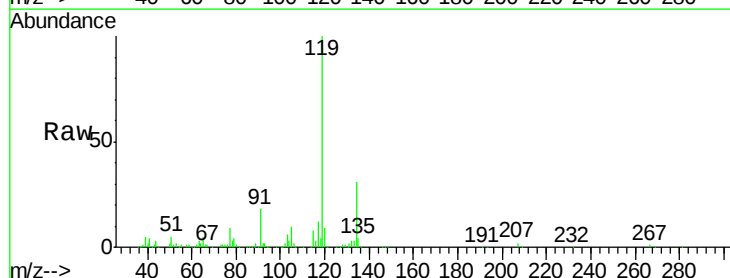
Instrument :
MSVOA_N
ClientSampleId :

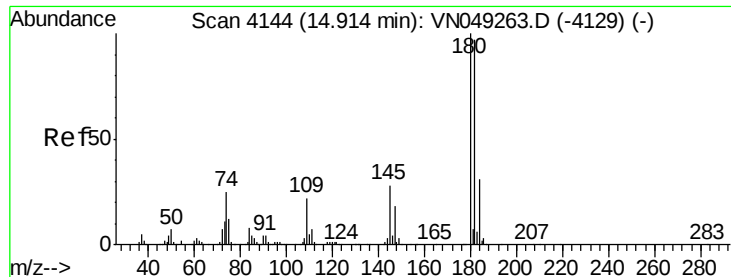
Tot Ion: 91 Resp: 21974
Ion Ratio Lower Upper
91 100
92 45.6 25.1 75.4
134 45.0 12.0 36.0#



#90
Hexachloroethane
Concen: 1.47 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN049451.D
Acq: 20 Jun 2018 21:47

Tgt Ion: 117 Resp: 19585
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.2#

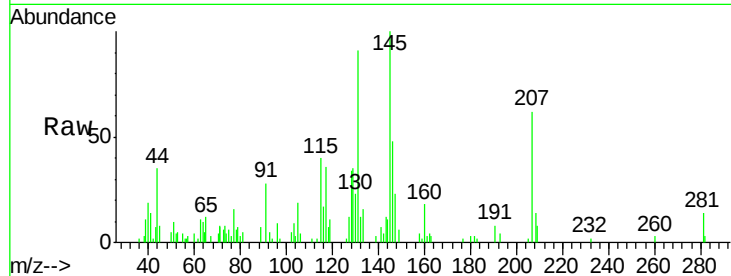




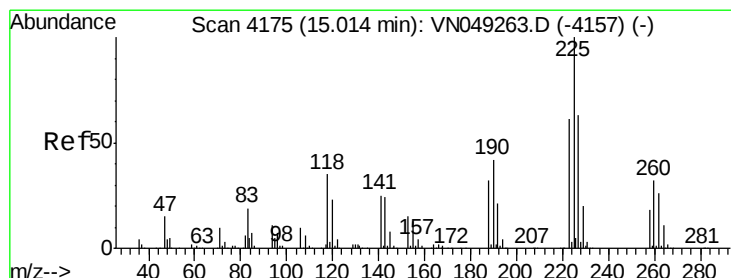
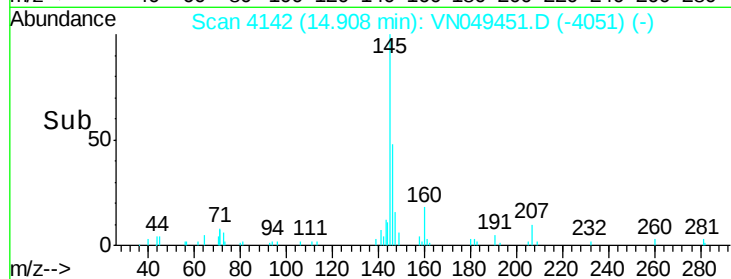
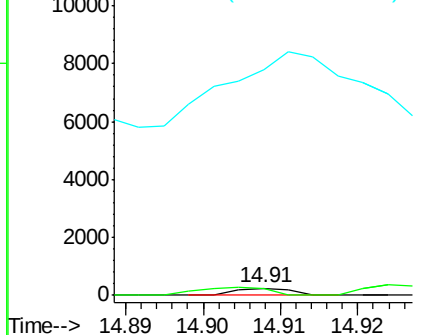
#93
 1,2,4-Trichlorobenzene
 Concen: 4.76 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.01 min
 Lab File: VN049451.D
 Acq: 20 Jun 2018 21:47

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 125
 Ion Ratio Lower Upper
 180 100
 182 139.2 46.9 140.8
 145 3580.8 14.7 44.1#

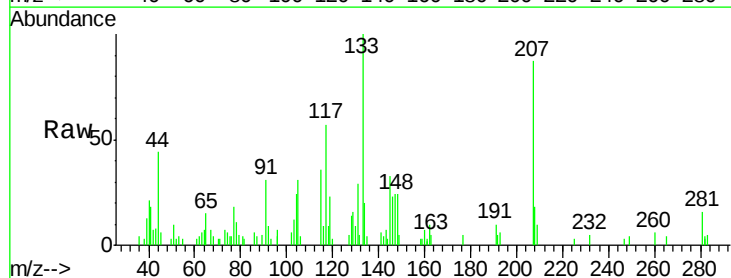


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

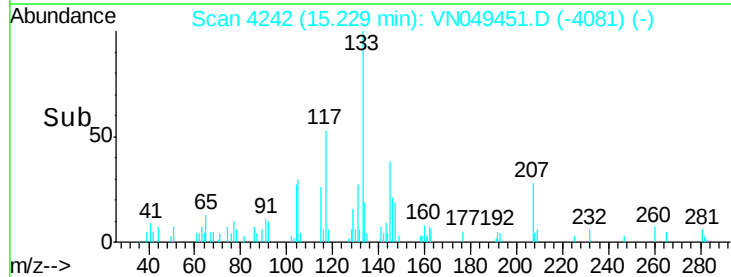
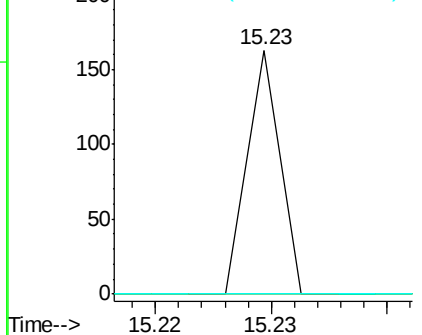


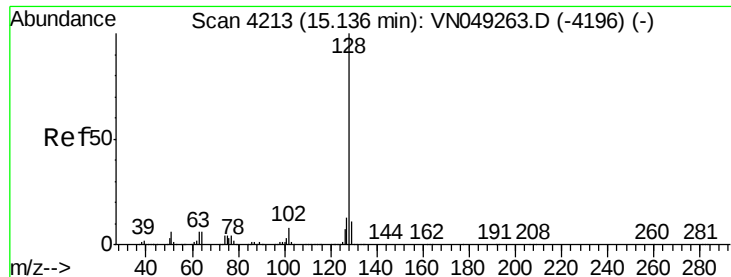
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.23 min Scan# 4242
 Delta R.T. 0.22 min
 Lab File: VN049451.D
 Acq: 20 Jun 2018 21:47

Tgt Ion:225 Resp: 31
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.1 96.3#
 227 0.0 31.8 95.3#



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: 4.04 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

Instrument :

MSVOA_N

ClientSampleId :

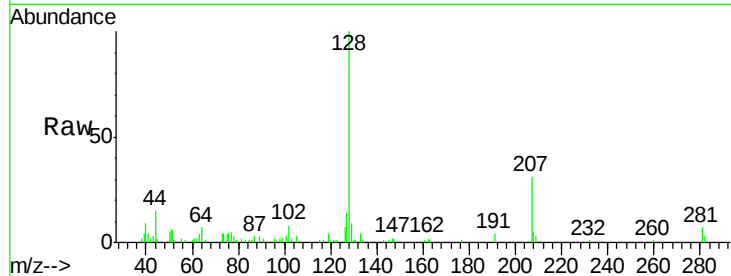
Tot Ion:128 Resp: 26649

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

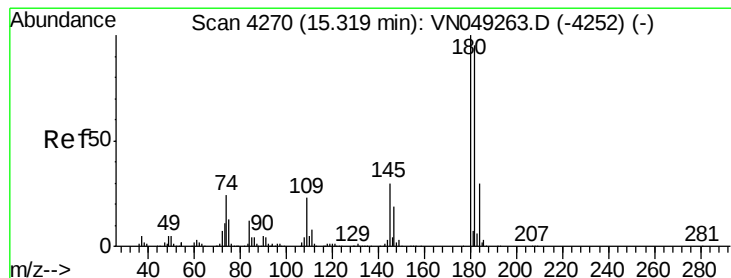
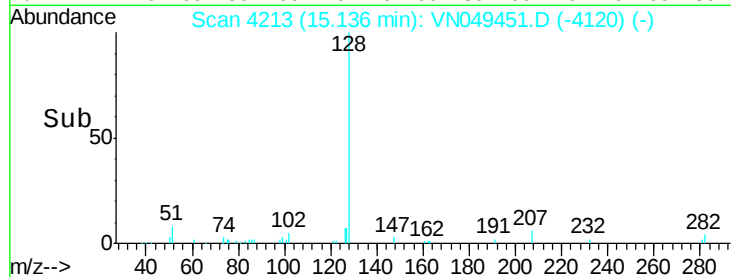
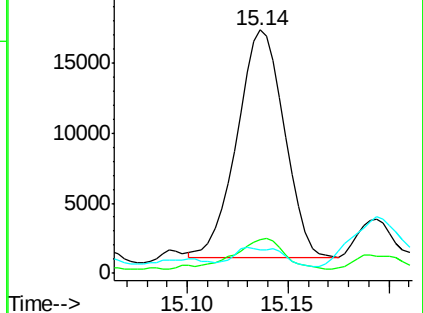
129 3.3 8.5 12.7#



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: 3.47 ug/l

RT: 15.32 min Scan# 4271

Delta R.T. 0.00 min

Lab File: VN049451.D

Acq: 20 Jun 2018 21:47

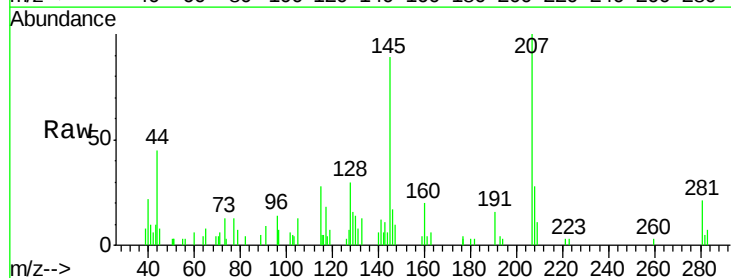
Tgt Ion:180 Resp: 97

Ion Ratio Lower Upper

180 100

182 0.0 47.3 141.8#

145 0.0 15.6 46.7#



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

