

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082418\
 Data File : VN050871.D
 Acq On : 24 Aug 2018 12:49
 Operator : MD\SY
 Sample : J4583-01
 Misc : 7.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOD1-SB-01-51.5-52

Quant Time: Aug 24 22:52:30 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	7.66	168	588551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	908517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	797298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310481	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	366914	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	7.59	113	349867	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	10.09	98	1285220	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.40	95	356002	39.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.30%	

Target Compounds

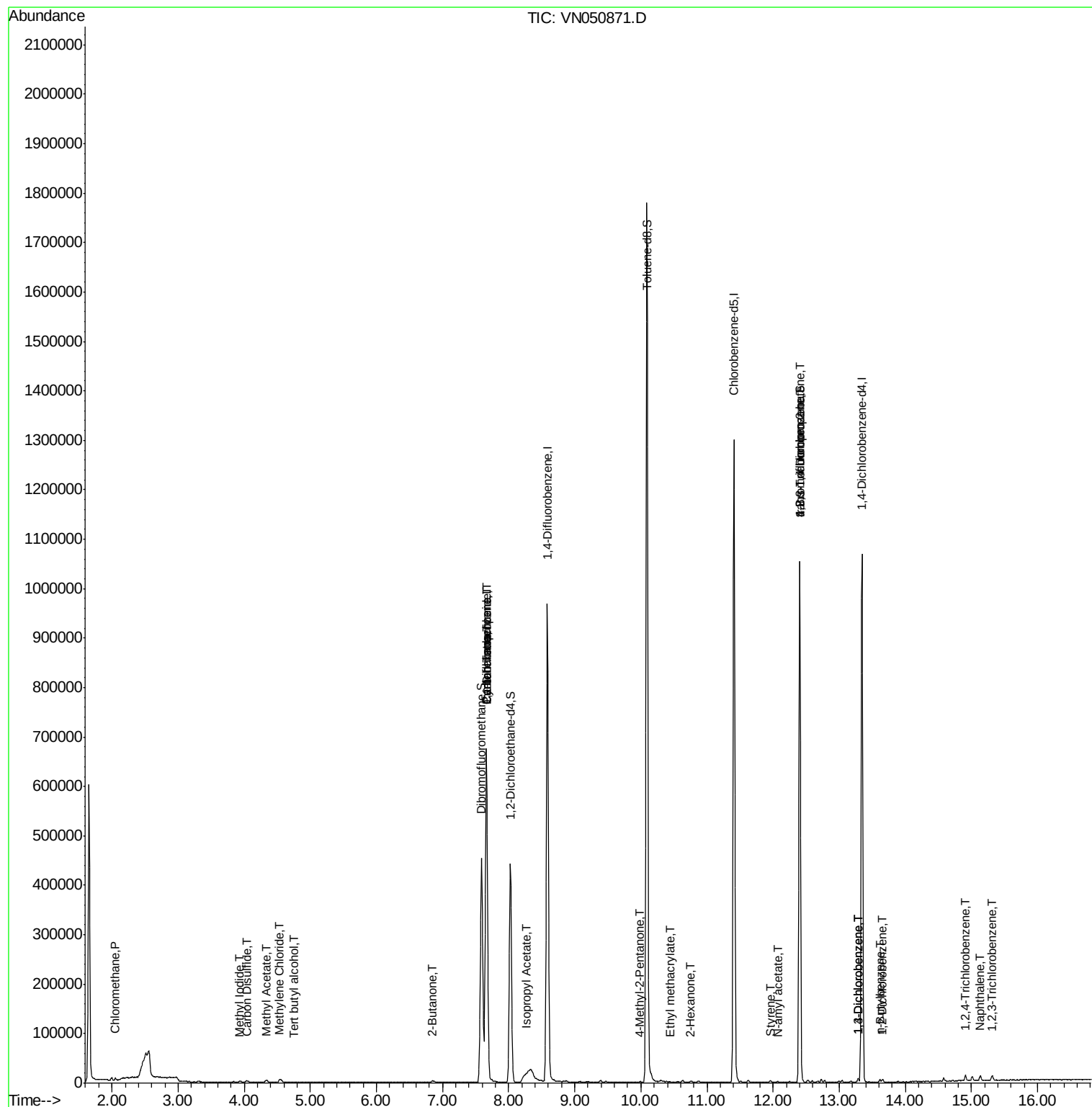
						Qvalue
3) Chloromethane	2.05	50	4132	0.43	ug/l	96
5) Bromomethane	2.51	94	3189	Below	Cal #	70
10) Methyl Iodide	3.93	142	1685	6.57	ug/l #	79
11) Tert butyl alcohol	4.76	59	281	0.62	ug/l #	72
16) Acetone	3.83	43	2279	Below	Cal #	88
17) Carbon Disulfide	4.04	76	6420	0.29	ug/l	98
18) Methyl Acetate	4.33	43	9420	1.41	ug/l #	74
20) Methylene Chloride	4.54	84	5095	0.64	ug/l	94
25) 2-Butanone	6.85	43	5139	1.80	ug/l	96
31) Cyclohexane	7.67	56	10339	1.32	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	39232	3.66	ug/l #	48
38) Carbon Tetrachloride	7.67	117	51982	4.80	ug/l #	17
43) Isopropyl Acetate	8.25	43	16748	1.58	ug/l #	58
51) 4-Methyl-2-Pentanone	9.99	43	2672	0.42	ug/l #	55
56) Ethyl methacrylate	10.44	69	29	2.35	ug/l #	1
59) 2-Hexanone	10.76	43	1840	0.44	ug/l	97
70) Styrene	11.96	104	1415	1.33	ug/l	90
74) N-amyl acetate	12.07	43	1782	0.28	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.51	83	546	Below	Cal #	61
76) 1,2,3-Trichloropropane	12.40	75	164915	30.33	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	164915	102.52	ug/l #	15
87) 1,3-Dichlorobenzene	13.28	146	2633	0.22	ug/l	90
88) 1,4-Dichlorobenzene	13.28	146	2633	0.23	ug/l	90
89) n-Butylbenzene	13.62	91	3473	0.22	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	2948	0.26	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	4409	4.76	ug/l	96
94) Hexachlorobutadiene	15.01	225	2040	Below	Cal	97
95) Naphthalene	15.14	128	10009	6.12	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	4368	4.03	ug/l	95

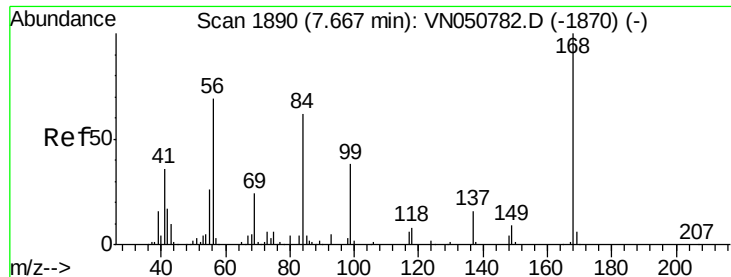
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 24 22:52:30 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

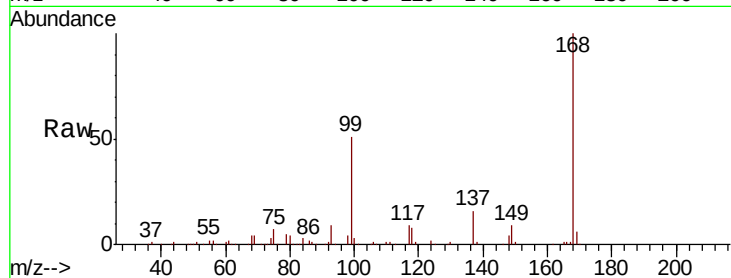
TOD1-SB-01-51.5-52

Tot Ion:168 Resp: 588551

Ion Ratio Lower Upper

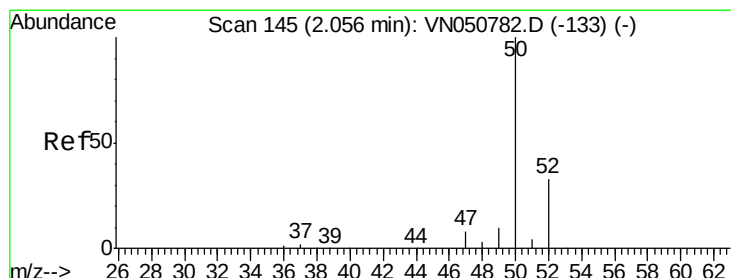
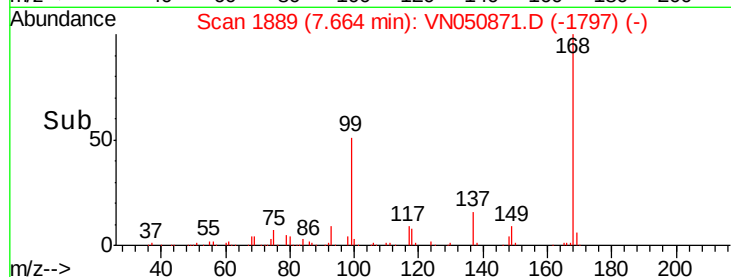
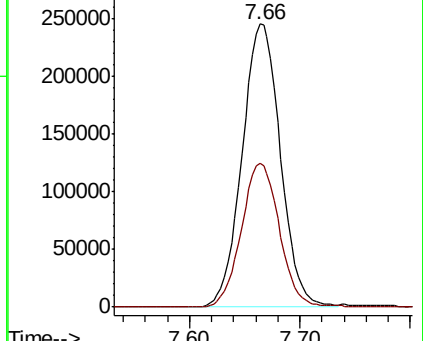
168 100

99 50.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.43 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN050871.D

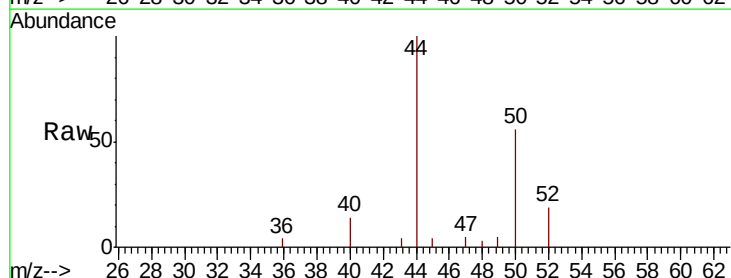
Acq: 24 Aug 2018 12:49

Tgt Ion: 50 Resp: 4132

Ion Ratio Lower Upper

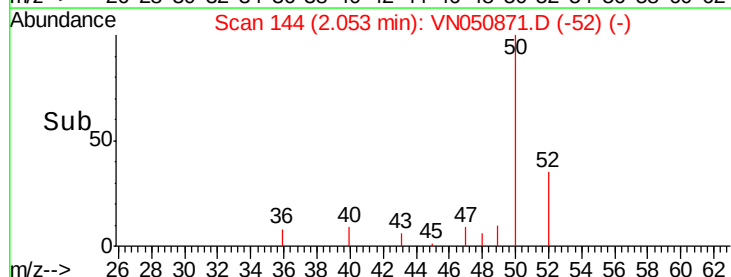
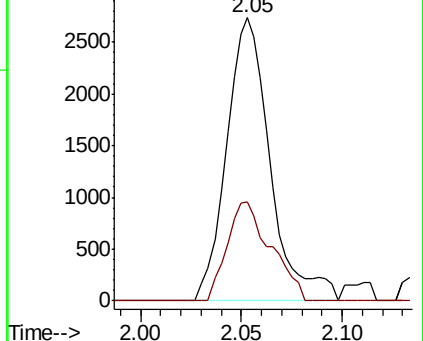
50 100

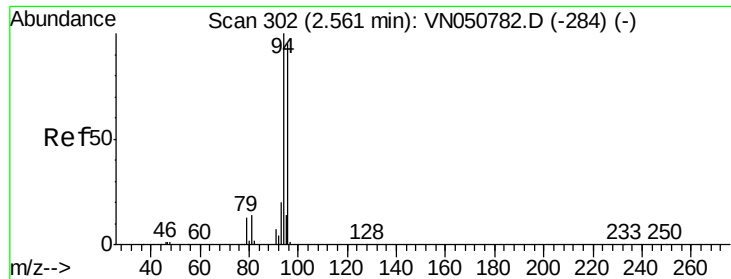
52 35.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#5

Bromomethane

Concen: Below Cal

RT: 2.51 min Scan# 287

Delta R.T. -0.05 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

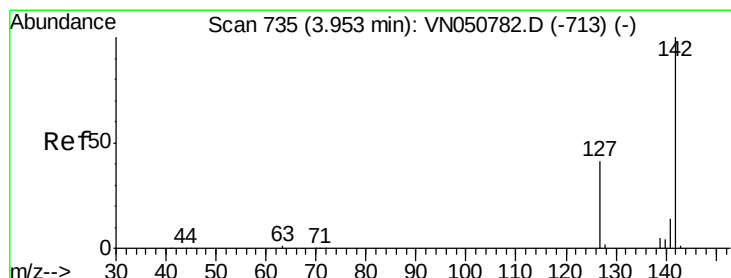
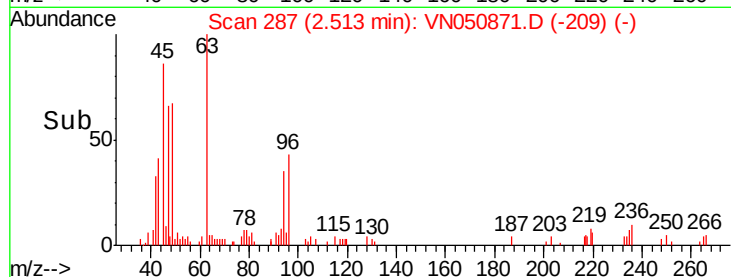
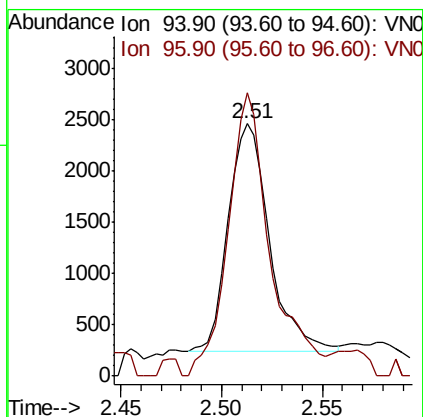
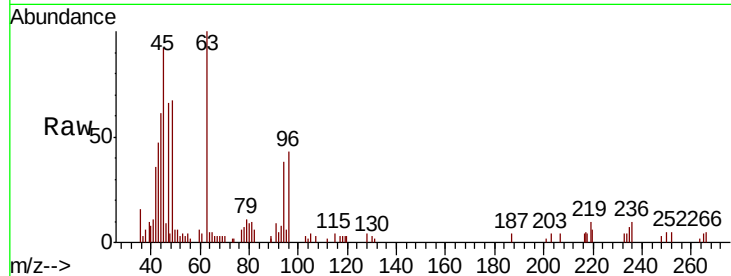
TOD1-SB-01-51.5-52

Tot Ion: 94 Resp: 3189

Ion Ratio Lower Upper

94 100

96 124.3 76.2 114.2#



#10

Methyl Iodide

Concen: 6.57 ug/l

RT: 3.93 min Scan# 727

Delta R.T. -0.03 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

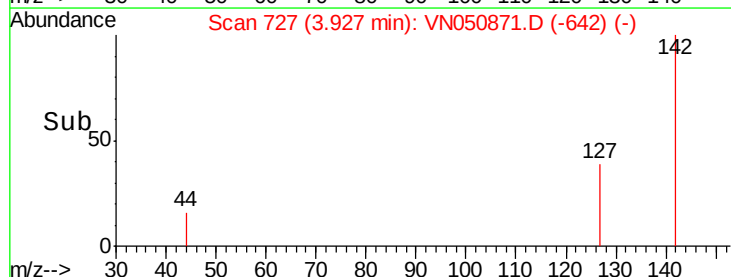
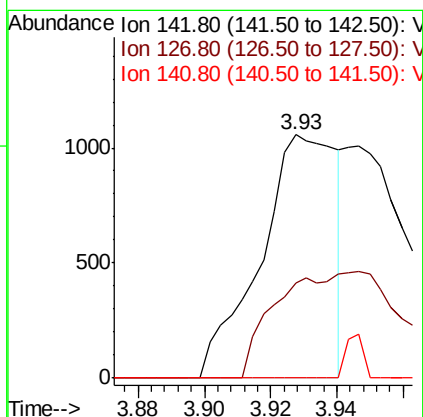
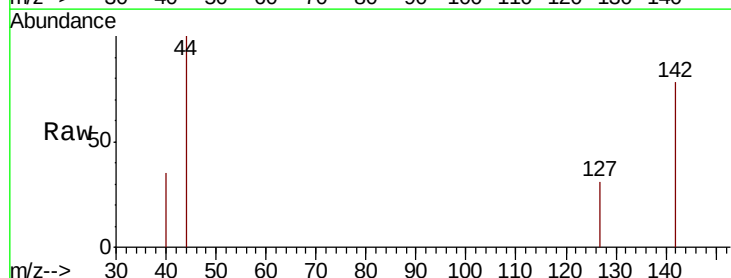
Tgt Ion: 142 Resp: 1685

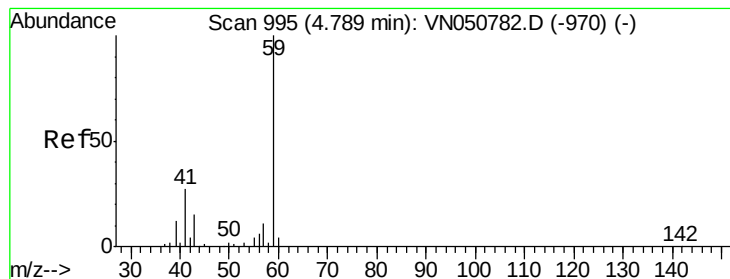
Ion Ratio Lower Upper

142 100

127 27.3 31.7 47.5#

141 4.1 11.4 17.0#





#11

Tert butyl alcohol

Concen: 0.62 ug/l

RT: 4.76 min Scan# 987

Delta R.T. -0.03 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

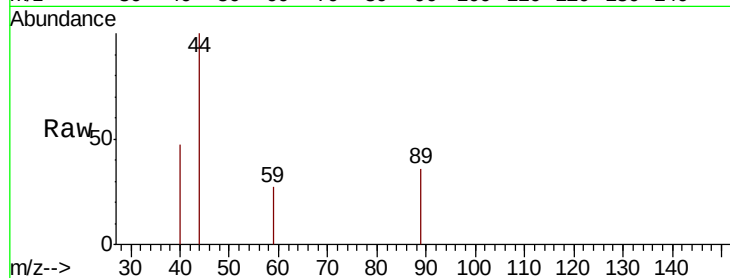
TOD1-SB-01-51.5-52

Tot Ion: 59 Resp: 281

Ion Ratio Lower Upper

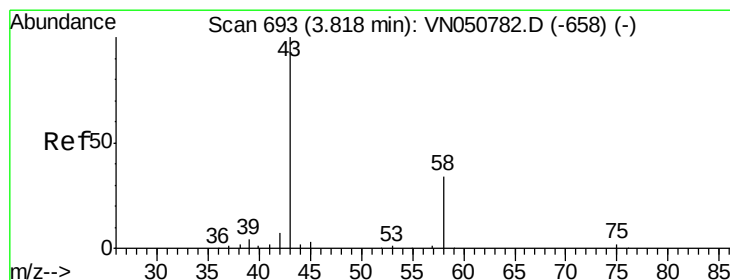
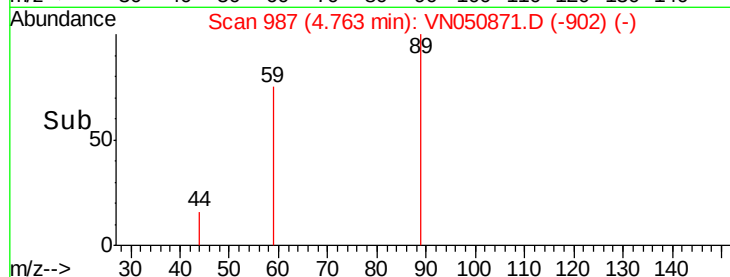
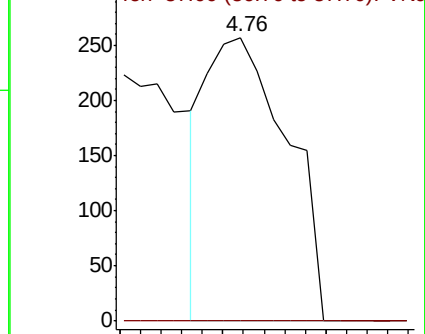
59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050871.D

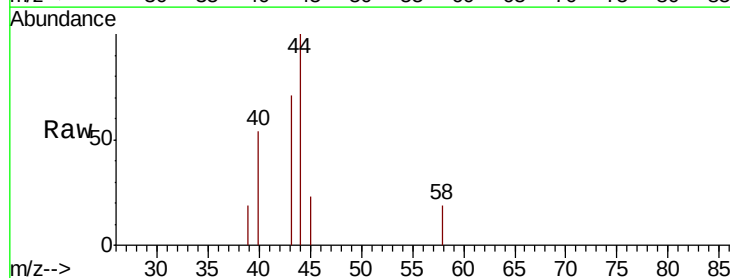
Acq: 24 Aug 2018 12:49

Tgt Ion: 43 Resp: 2279

Ion Ratio Lower Upper

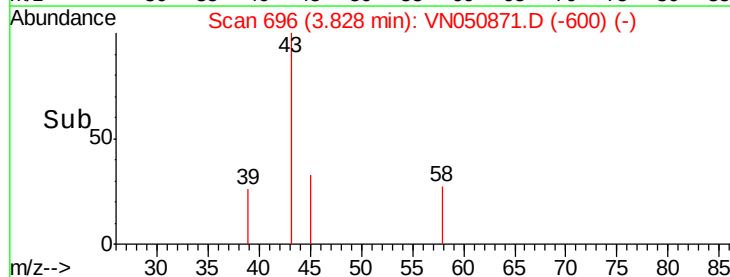
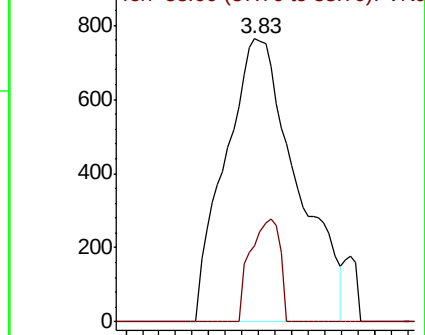
43 100

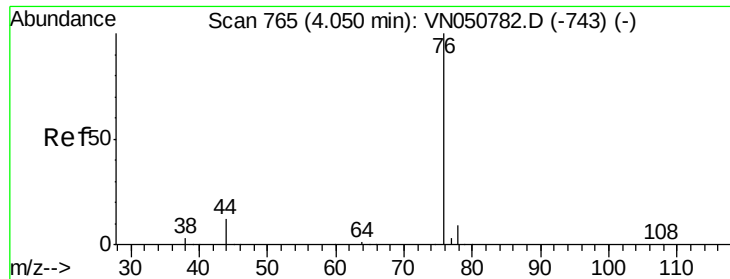
58 27.0 27.2 40.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.29 ug/l

RT: 4.04 min Scan# 761

Delta R.T. -0.01 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

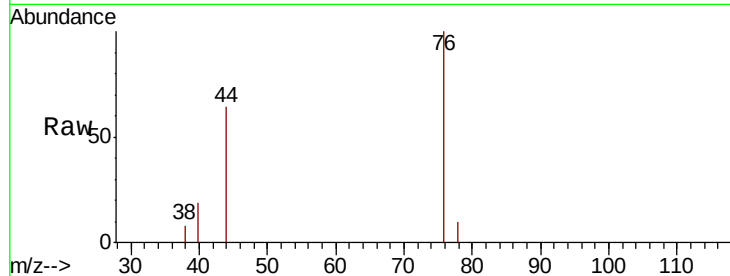
TOD1-SB-01-51.5-52

Tot Ion: 76 Resp: 6420

Ion Ratio Lower Upper

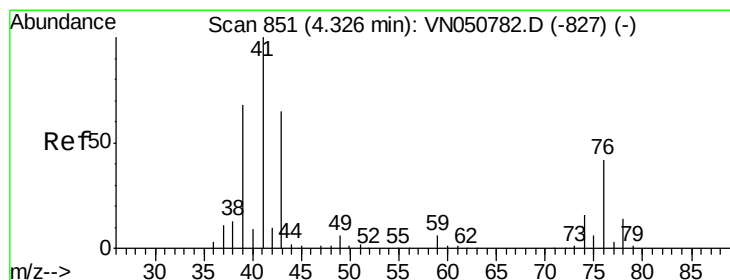
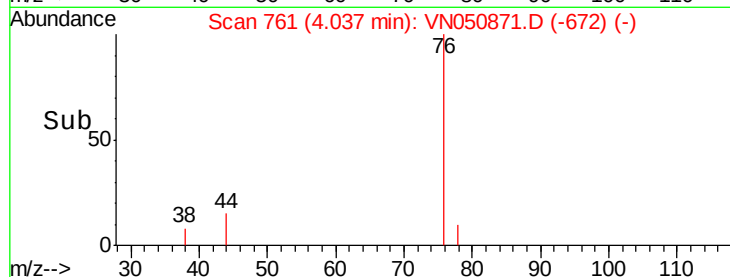
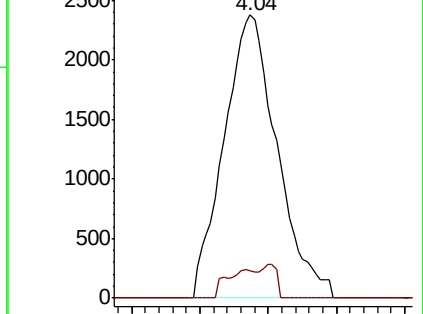
76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.41 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050871.D

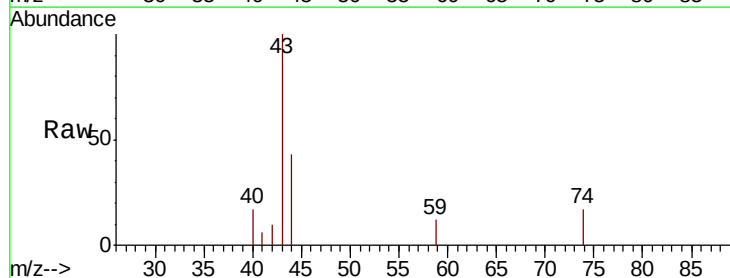
Acq: 24 Aug 2018 12:49

Tgt Ion: 43 Resp: 9420

Ion Ratio Lower Upper

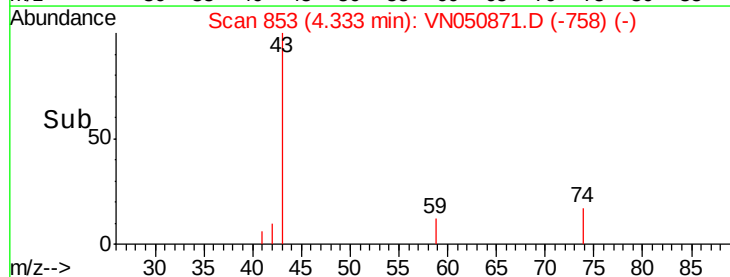
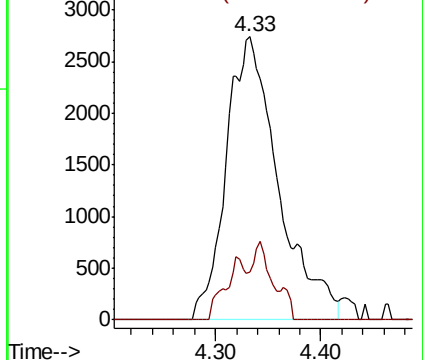
43 100

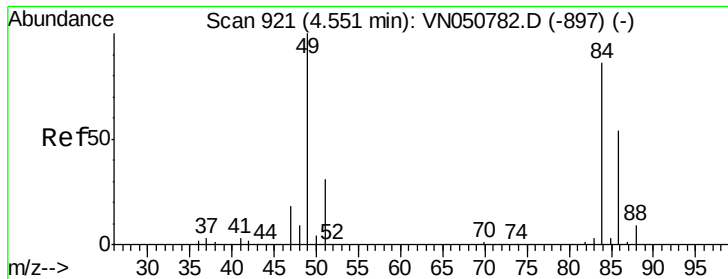
74 11.6 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

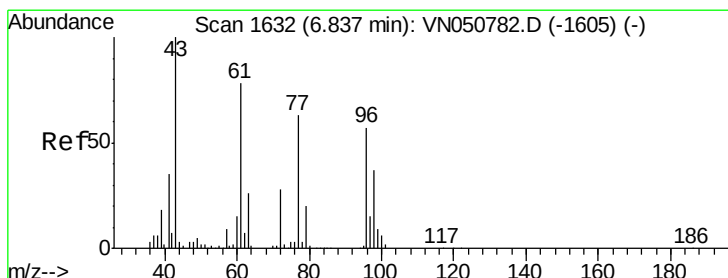
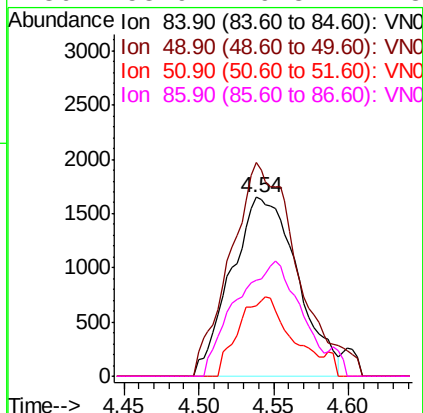
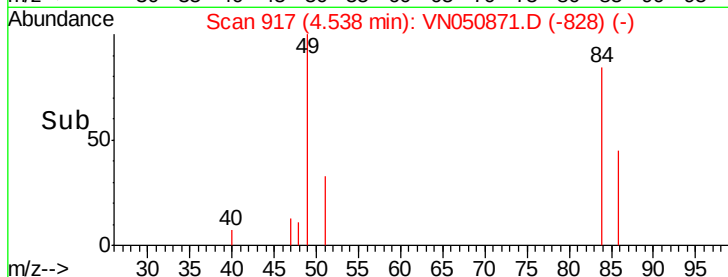
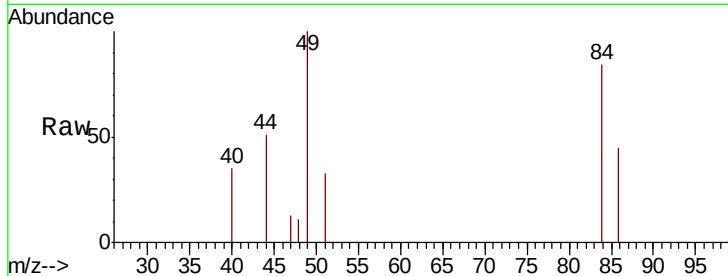




#20
Methvlene Chloride
Concen: 0.64 ug/l
RT: 4.54 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN050871.D
Acq: 24 Aug 2018 12:49

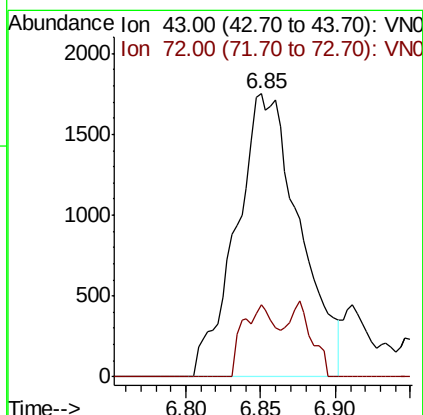
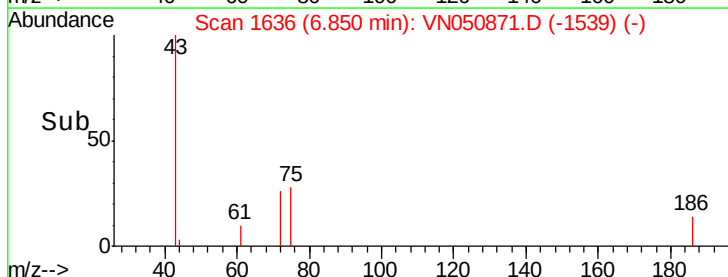
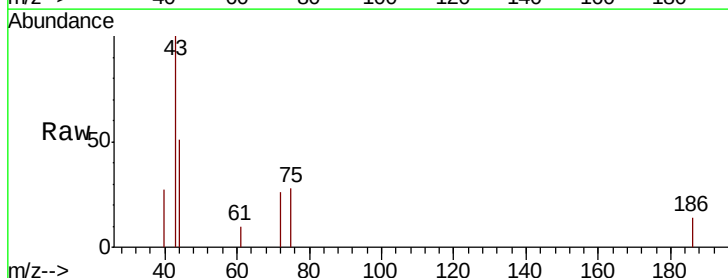
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TOD1-SB-01-51.5-52

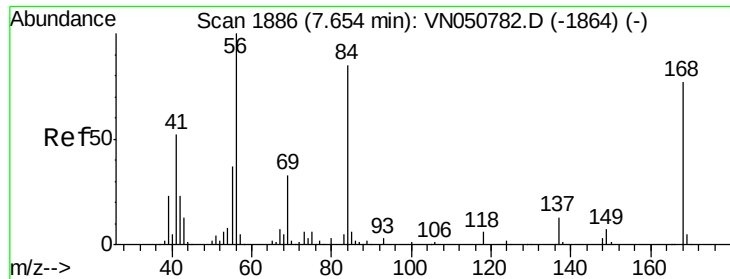
Tot Ion:	84	Resp:	5095
Ion	Ratio	Lower	Upper
84	100		
49	119.5	93.2	139.8
51	39.3	29.0	43.6
86	53.9	49.8	74.8



#25
2-Butanone
Concen: 1.80 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050871.D
Acq: 24 Aug 2018 12:49

Tgt Ion:	43	Resp:	5139
Ion	Ratio	Lower	Upper
43	100		
72	25.6	22.3	33.5

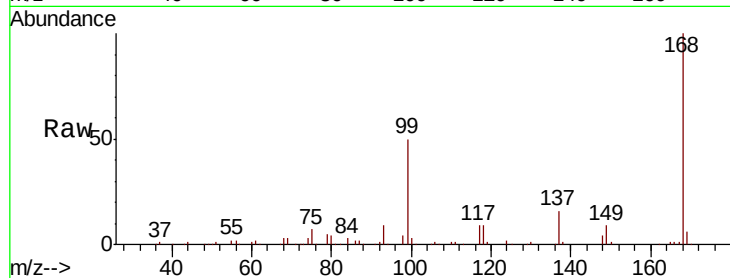




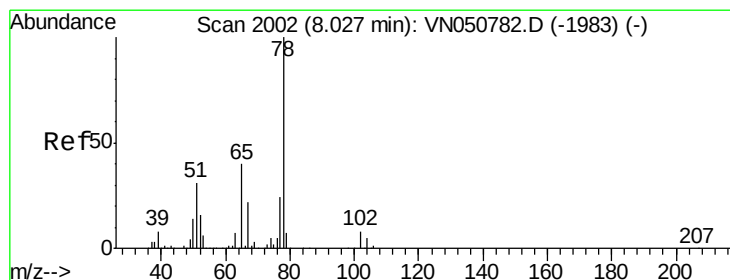
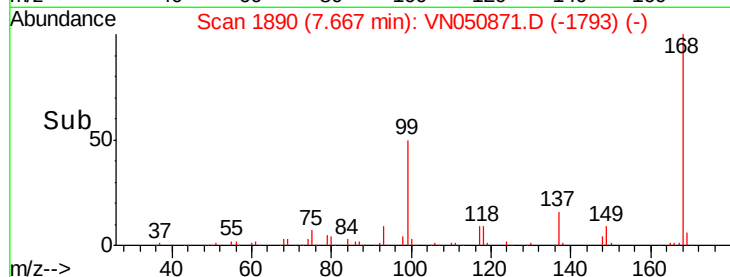
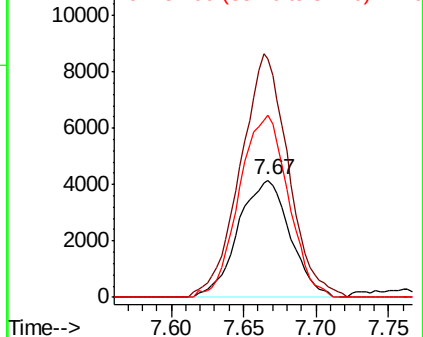
#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050871.D
Acq: 24 Aug 2018 12:49

Instrument :
MSVOA_N
ClientSampleId :
TOD1-SB-01-51.5-52

Tot Ion: 56 Resp: 10339
Ion Ratio Lower Upper
56 100
69 204.0 26.2 39.4#
84 155.8 68.3 102.5#

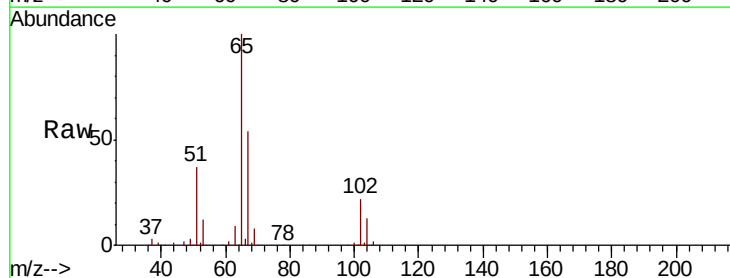


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

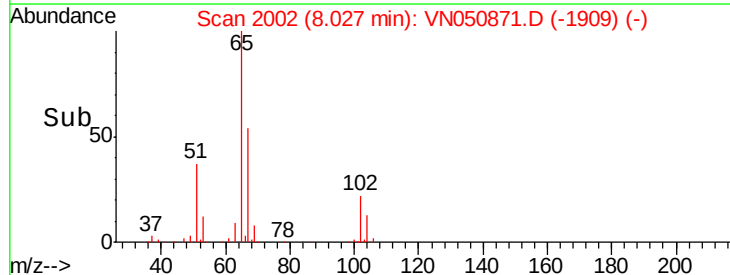
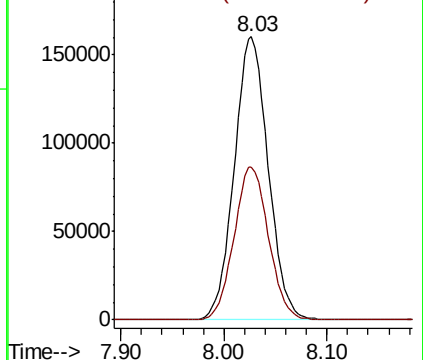


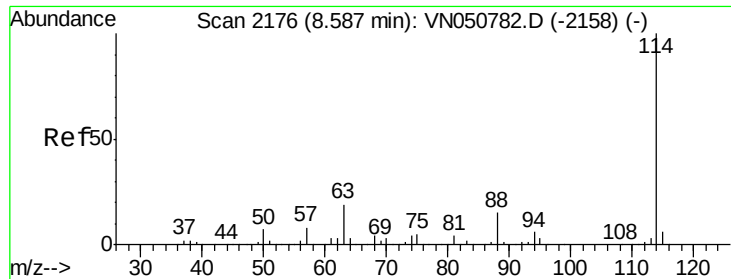
#33
1,2-Dichloroethane-d4
Concen: 51.78 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN050871.D
Acq: 24 Aug 2018 12:49

Tgt Ion: 65 Resp: 366914
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

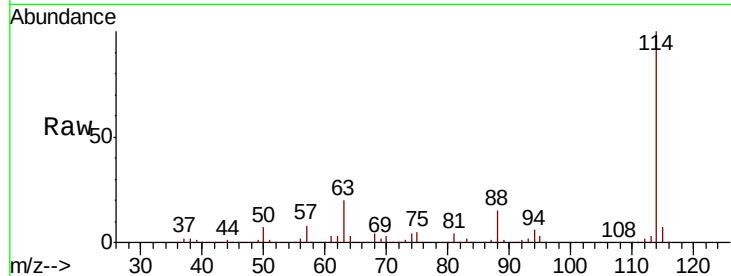




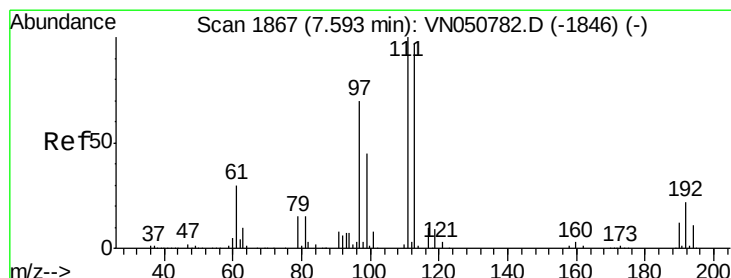
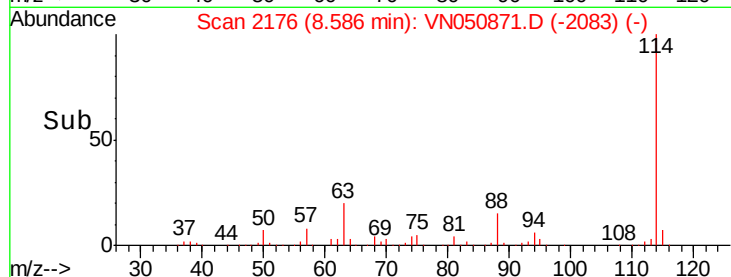
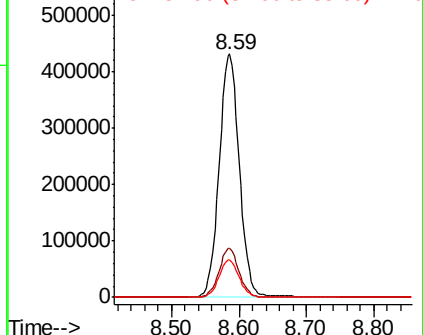
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 TOD1-SB-01-51.5-52

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.6
88	15.5	0.0	30.6

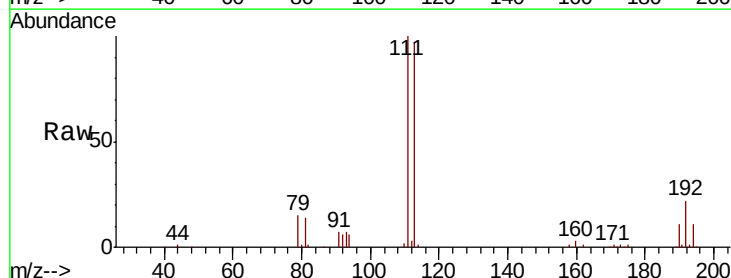


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

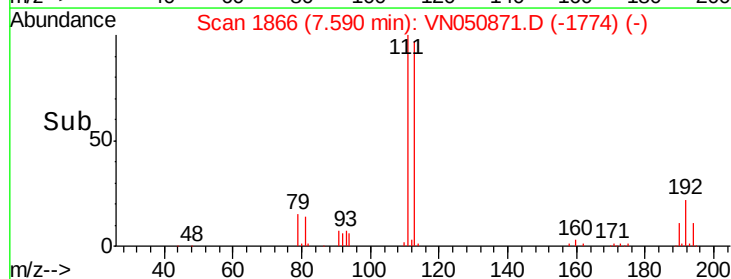
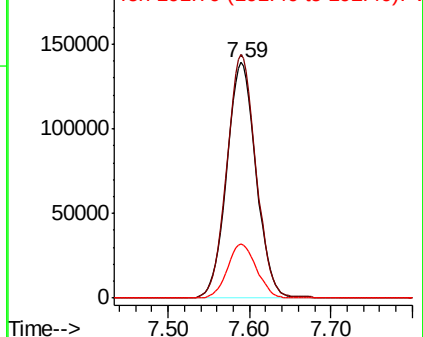


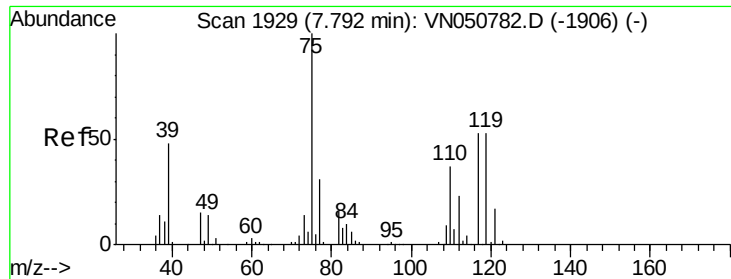
#35
 Dibromofluoromethane
 Concen: 48.41 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	22.8	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

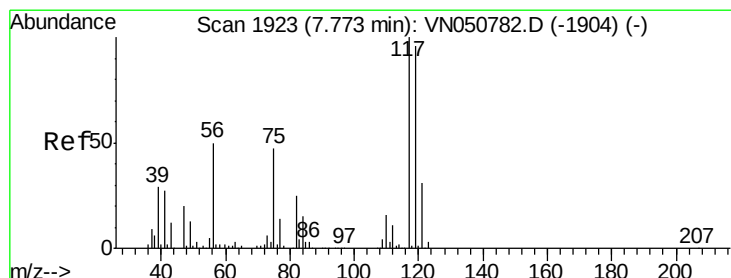
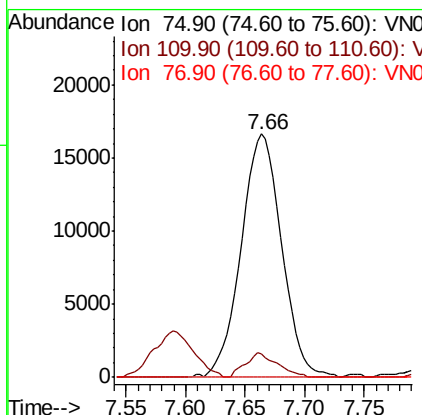
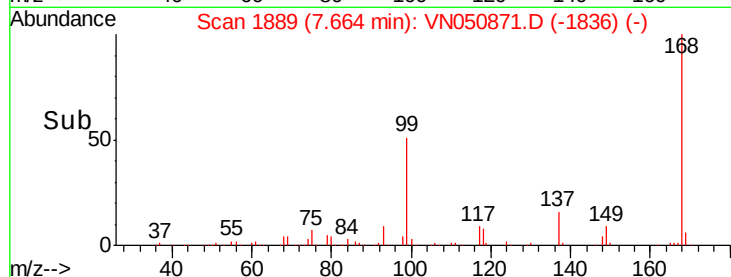
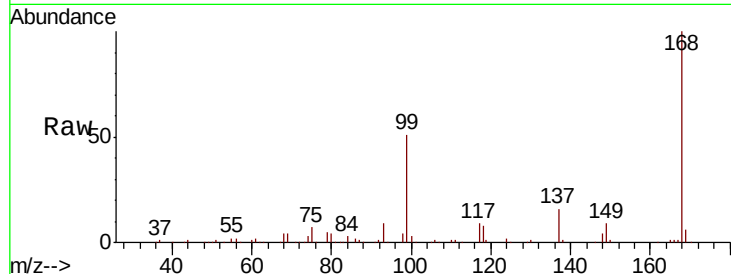




#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 7.66 min Scan# 1889
 Delta R.T. -0.13 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

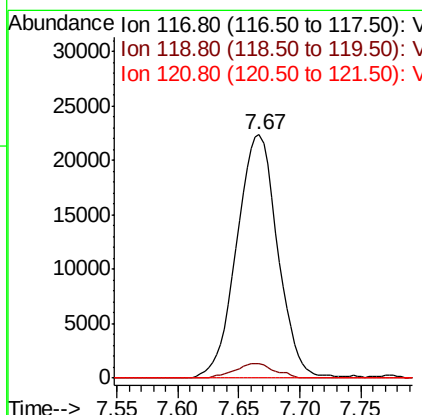
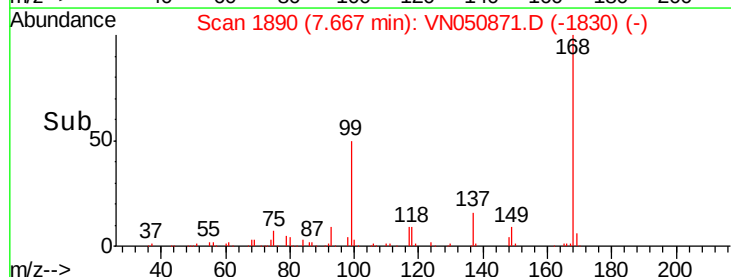
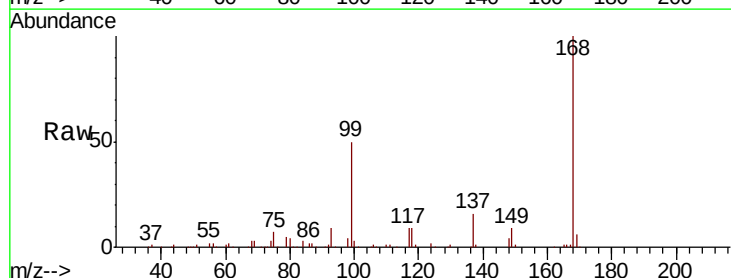
Instrument :
 MSVOA_N
 ClientSampleId :
 TOD1-SB-01-51.5-52

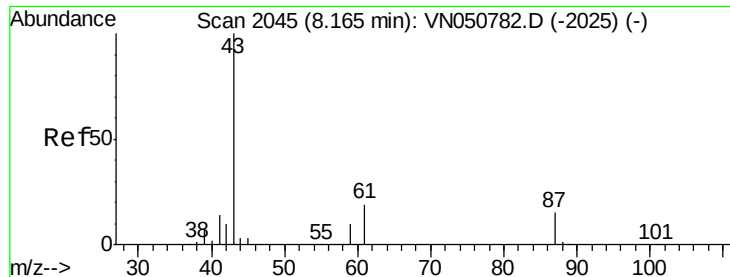
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.80 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.58 ug/l

RT: 8.25 min Scan# 2072

Delta R.T. 0.09 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

TOD1-SB-01-51.5-52

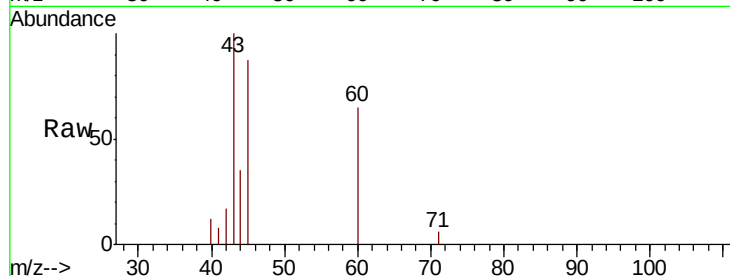
Tot Ion: 43 Resp: 16748

Ion Ratio Lower Upper

43 100

61 0.0 17.5 26.3#

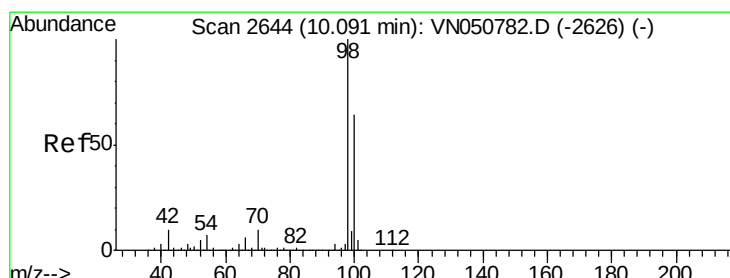
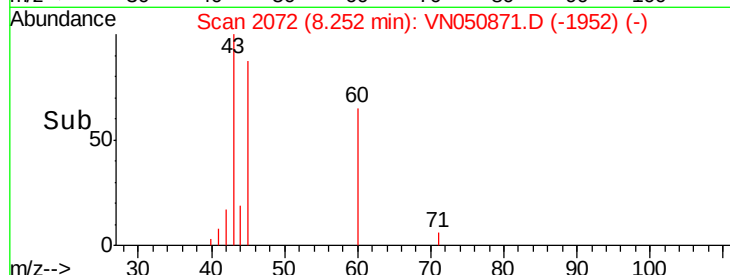
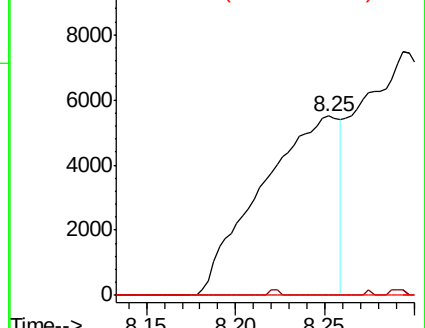
87 0.0 11.3 16.9#



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: 47.56 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050871.D

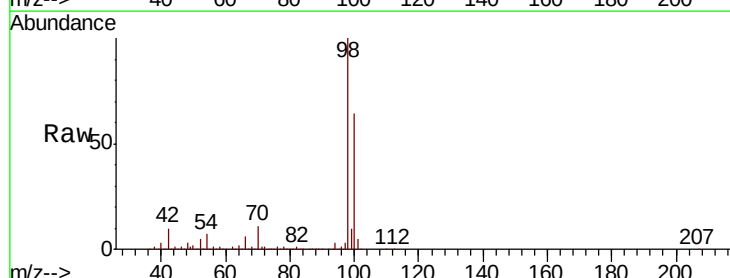
Acq: 24 Aug 2018 12:49

Tgt Ion: 98 Resp: 1285220

Ion Ratio Lower Upper

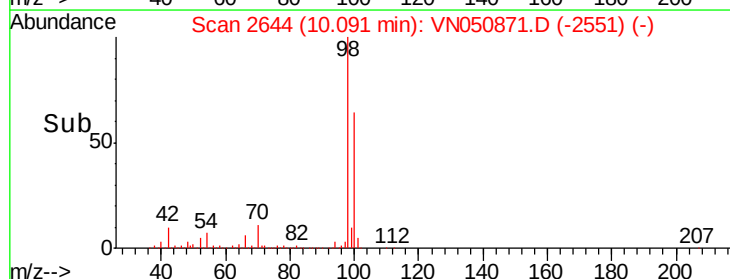
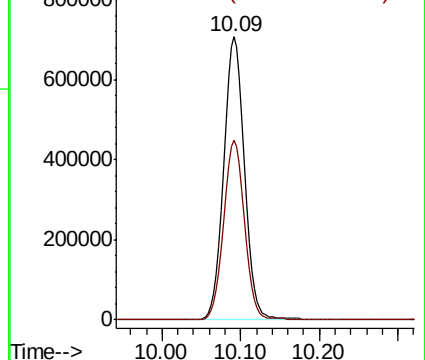
98 100

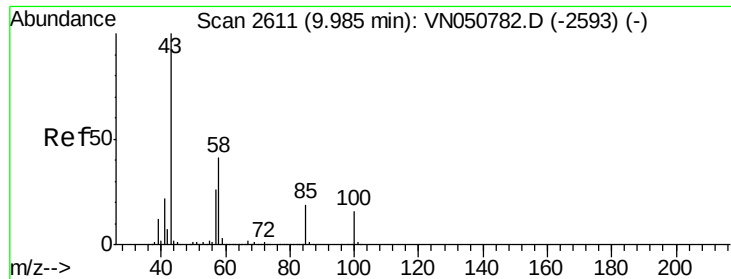
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

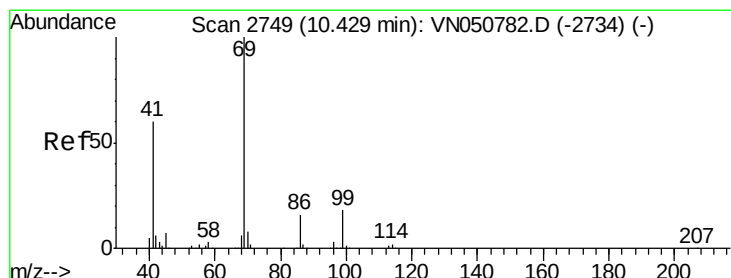
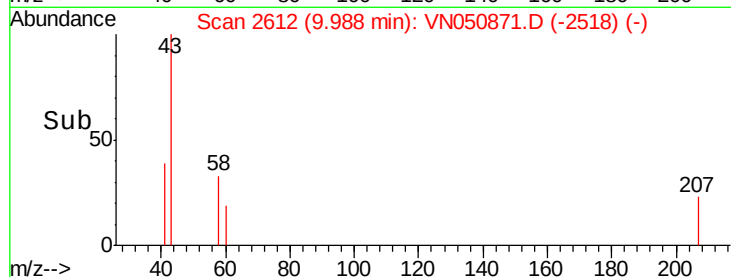
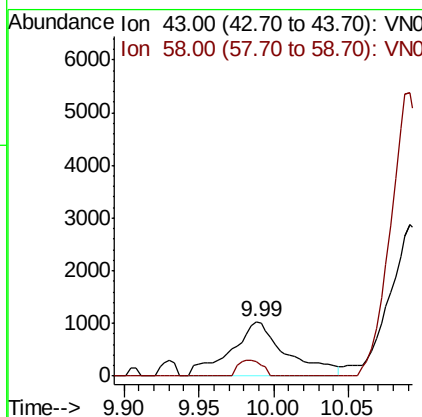
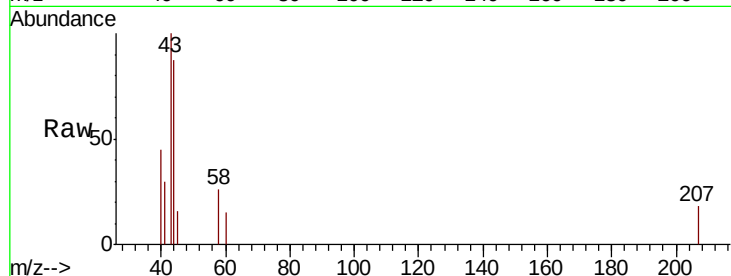




#51
 4-Methyl-2-Pentanone
 Concen: 0.42 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

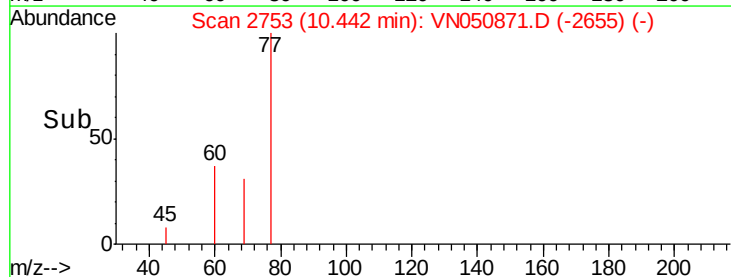
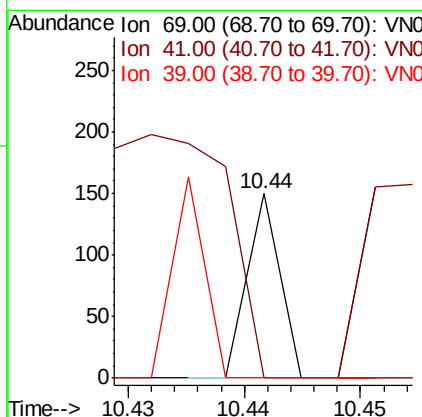
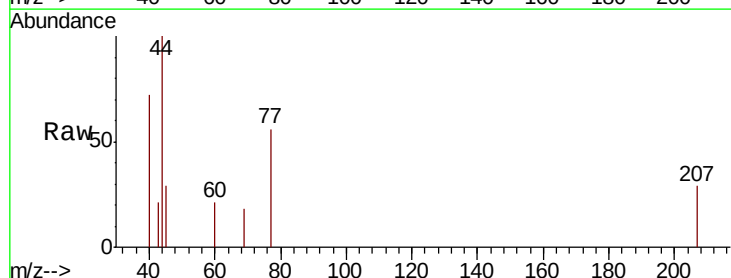
Instrument :
 MSVOA_N
 ClientSampleId :
 TOD1-SB-01-51.5-52

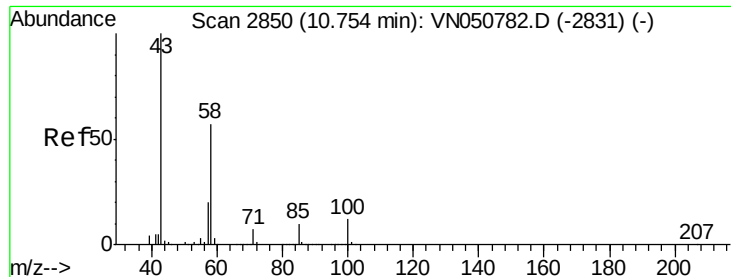
Tot Ion: 43 Resp: 2672
 Ion Ratio Lower Upper
 43 100
 58 12.5 32.4 48.6#



#56
 Ethyl methacrylate
 Concen: 2.35 ug/l
 RT: 10.44 min Scan# 2753
 Delta R.T. 0.01 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

Tgt Ion: 69 Resp: 29
 Ion Ratio Lower Upper
 69 100
 41 600.0 48.3 72.5#
 39 110.3 24.0 36.0#





#59

2-Hexanone

Concen: 0.44 ug/l

RT: 10.76 min Scan# 2851

Delta R.T. 0.00 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

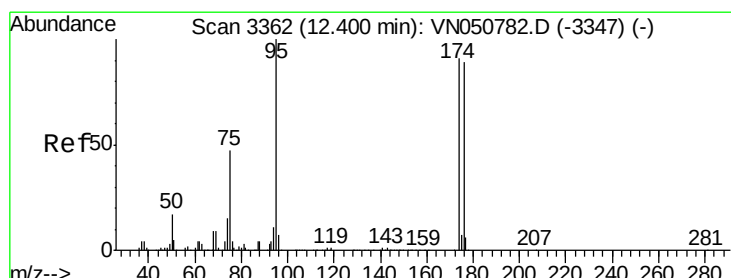
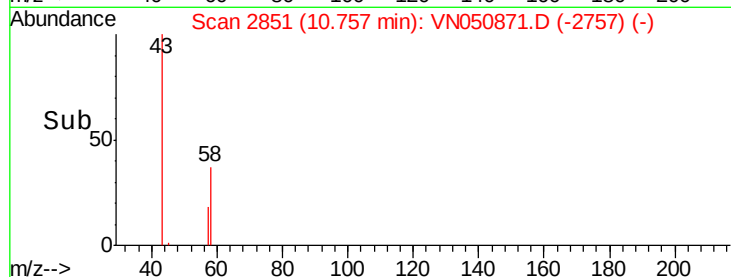
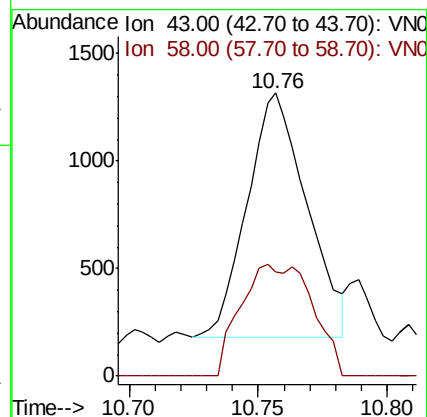
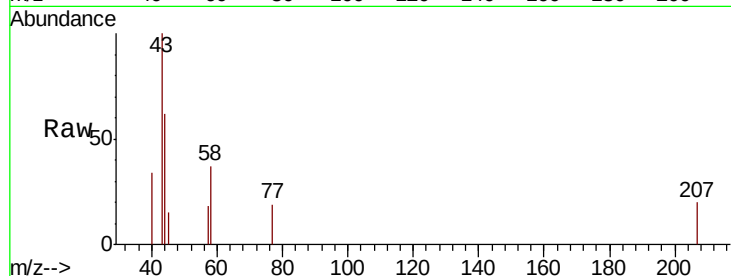
TOD1-SB-01-51.5-52

Tot Ion: 43 Resp: 1840

Ion Ratio Lower Upper

43 100

58 54.8 28.3 85.0



#62

4-Bromofluorobenzene

Concen: 39.65 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

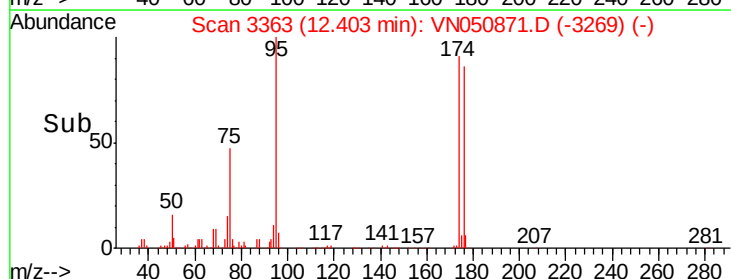
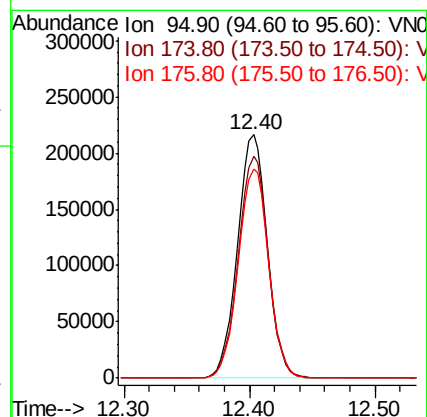
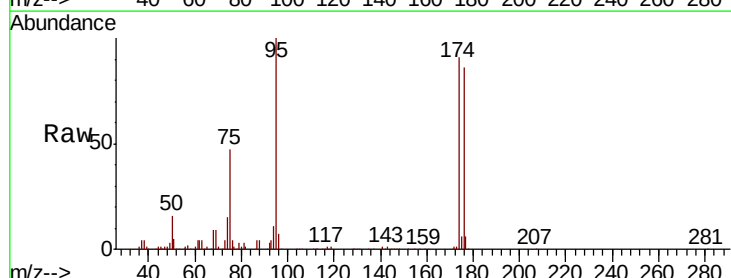
Tgt Ion: 95 Resp: 356002

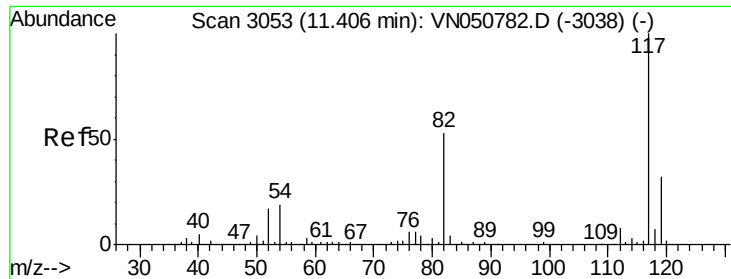
Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.0

176 87.9 0.0 178.8

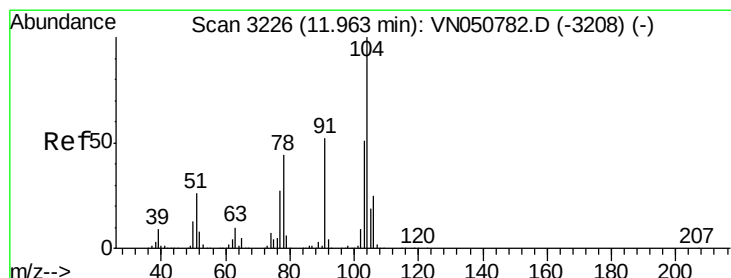
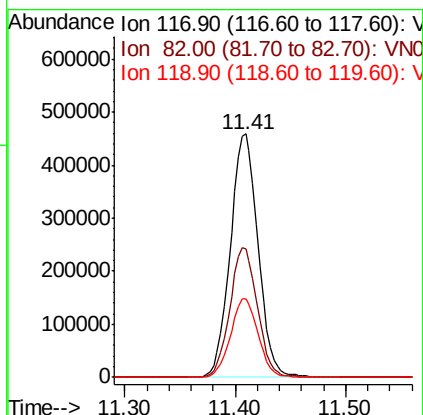
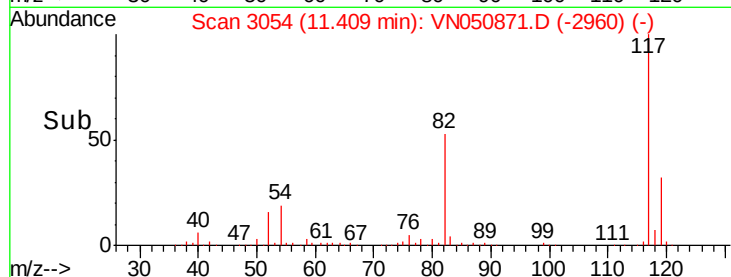
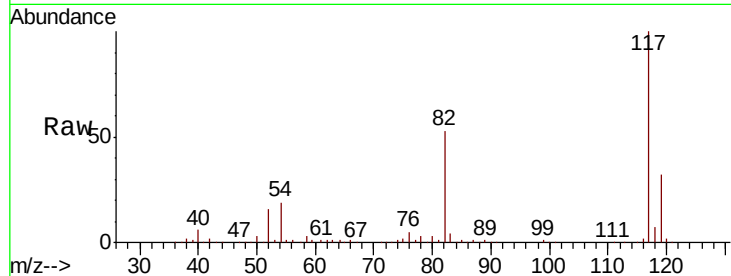




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050871.D
Acq: 24 Aug 2018 12:49

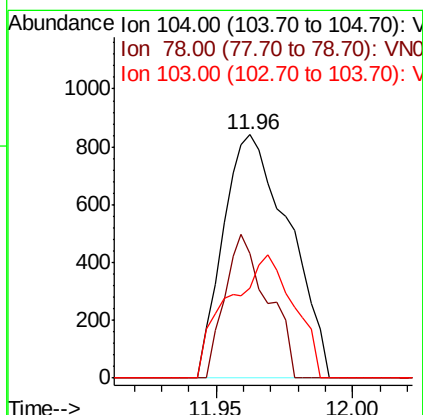
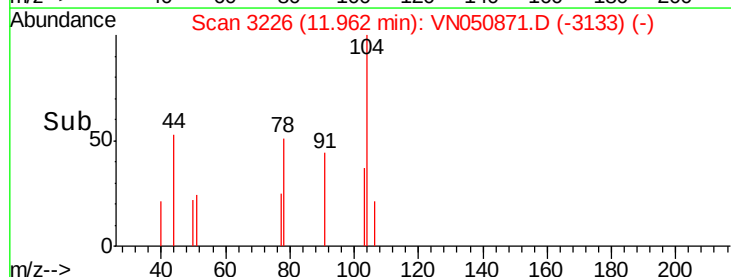
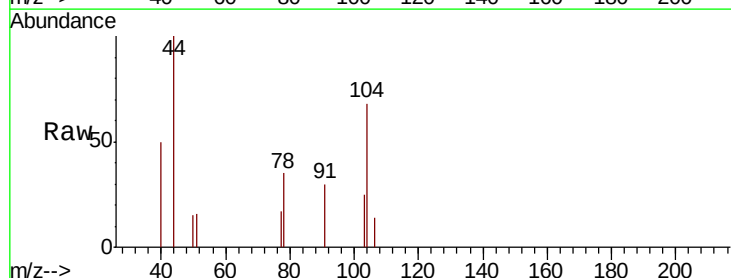
Instrument :
MSVOA_N
ClientSampleId :
TOD1-SB-01-51.5-52

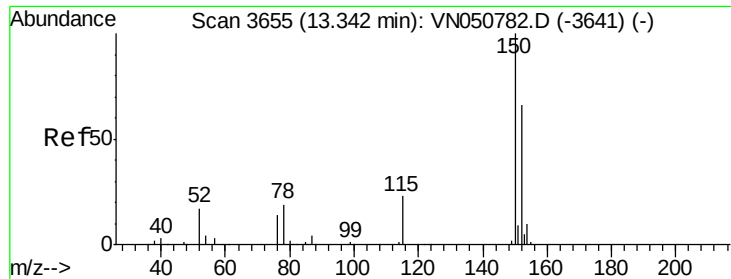
Tot Ion:117 Resp: 797298
Ion Ratio Lower Upper
117 100
82 52.5 42.6 64.0
119 32.3 25.8 38.6



#70
Styrene
Concen: 1.33 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050871.D
Acq: 24 Aug 2018 12:49

Tgt Ion:104 Resp: 1415
Ion Ratio Lower Upper
104 100
78 38.4 38.2 57.4
103 50.1 44.4 66.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

TOD1-SB-01-51.5-52

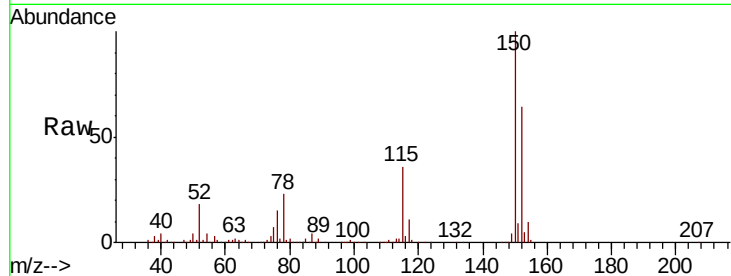
Tot Ion:152 Resp: 310481

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

150 155.6 0.0 351.4

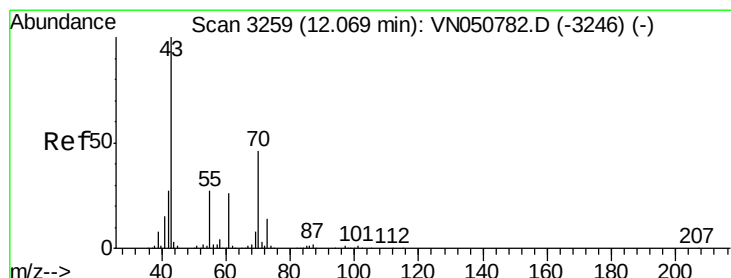
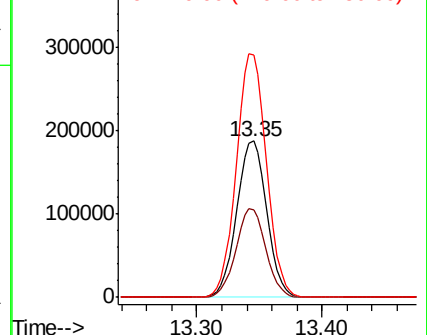
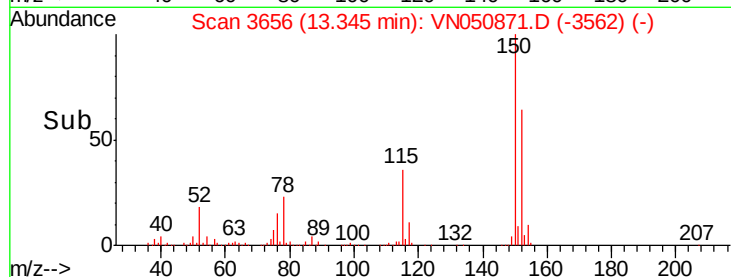


Abundance

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: 0.28 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Tgt Ion: 43 Resp: 1782

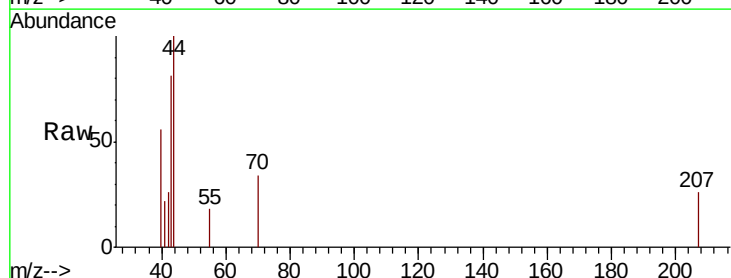
Ion Ratio Lower Upper

43 100

70 16.6 36.2 54.2#

55 5.4 21.8 32.8#

61 1.7 20.5 30.7#



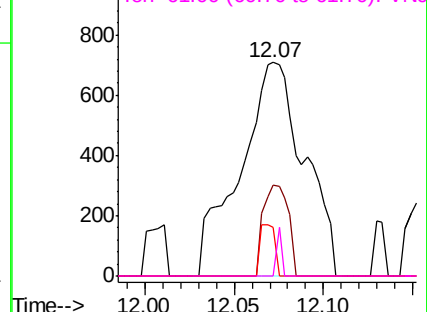
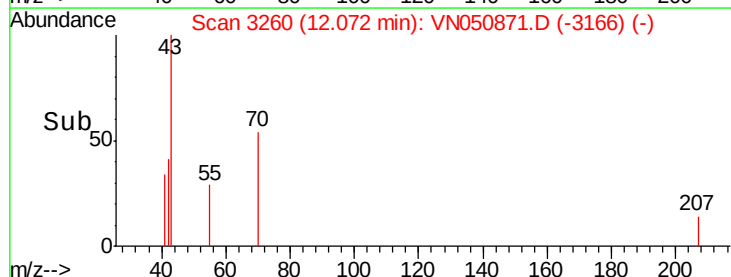
Abundance

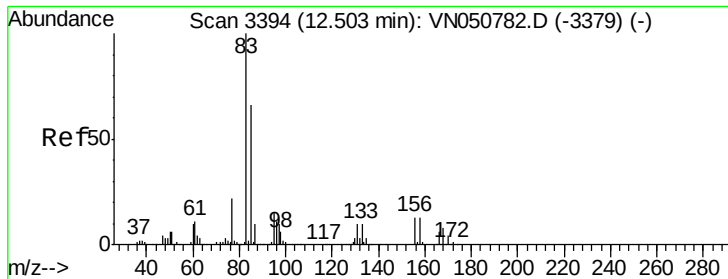
Ion 43.00 (42.70 to 43.70): V

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: 12.51 min Scan# 3396

Delta R.T. 0.01 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

TOD1-SB-01-51.5-52

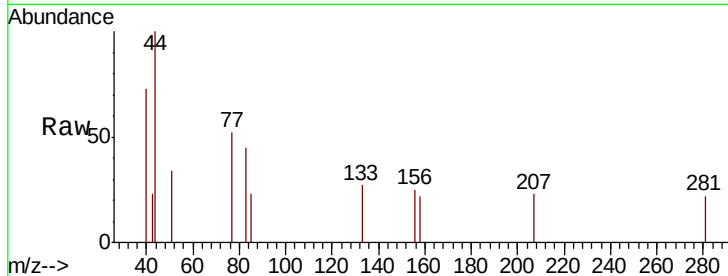
Tot Ion: 83 Resp: 546

Ion Ratio Lower Upper

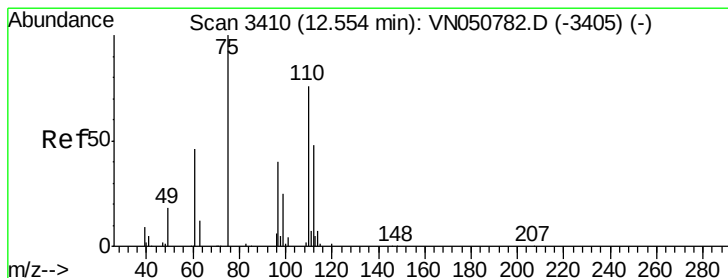
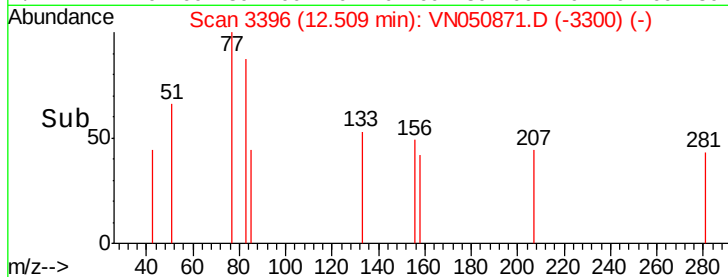
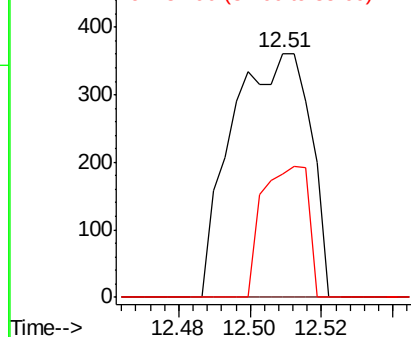
83 100

131 0.0 5.3 15.9#

85 31.5 31.9 95.7#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 30.33 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050871.D

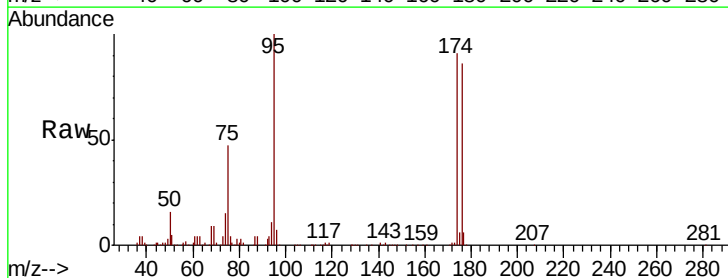
Acq: 24 Aug 2018 12:49

Tgt Ion: 75 Resp: 164915

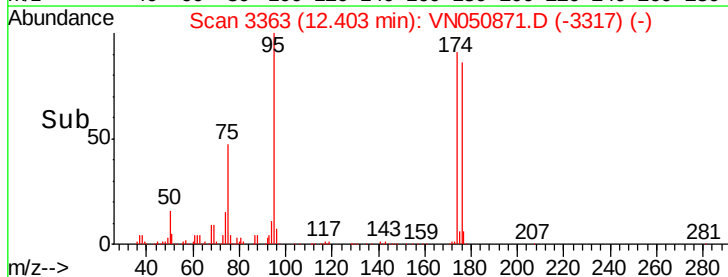
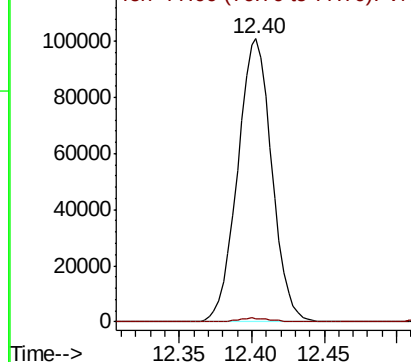
Ion Ratio Lower Upper

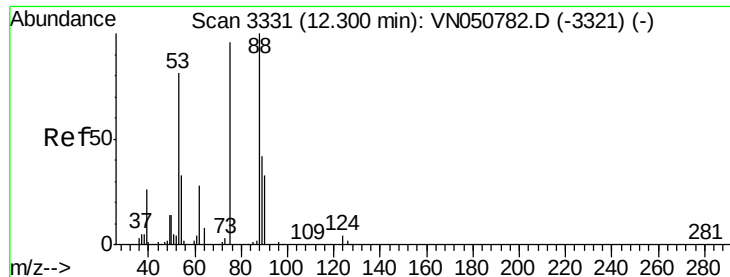
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO

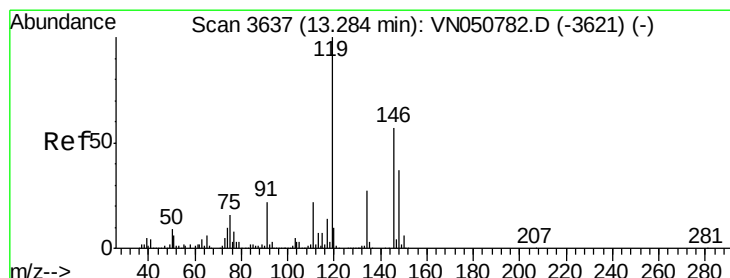
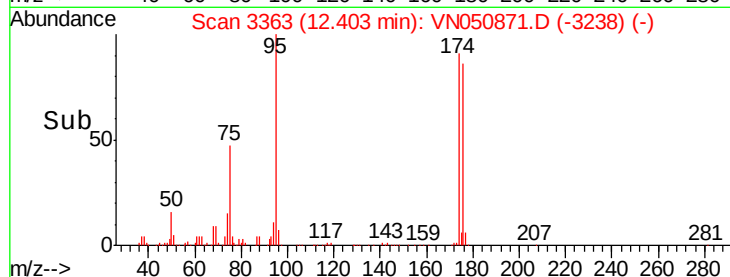
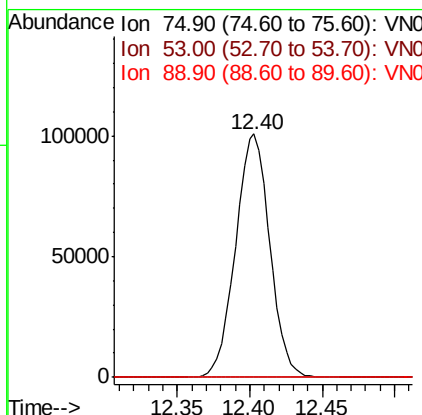
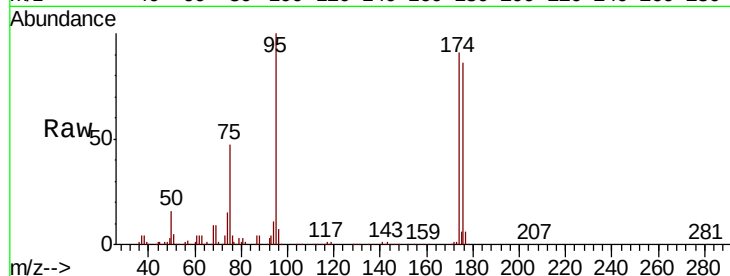




#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.52 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

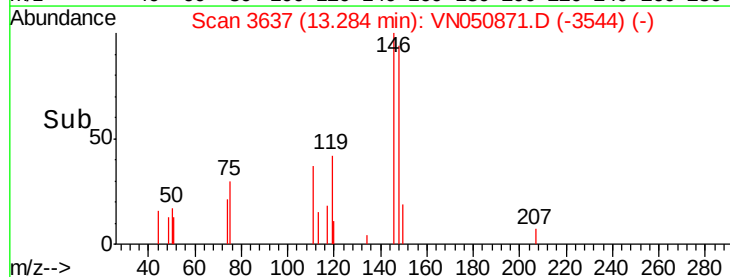
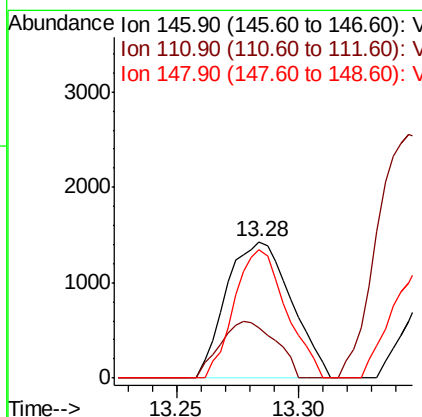
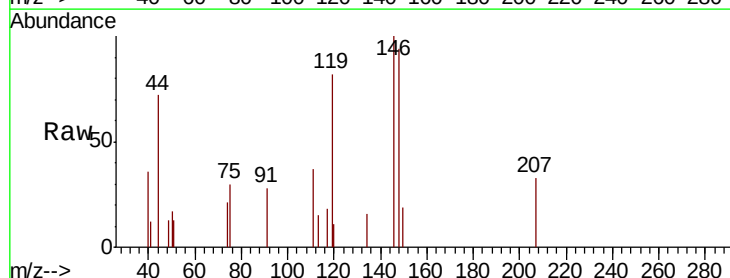
Instrument :
 MSVOA_N
 ClientSampleId :
 TOD1-SB-01-51.5-52

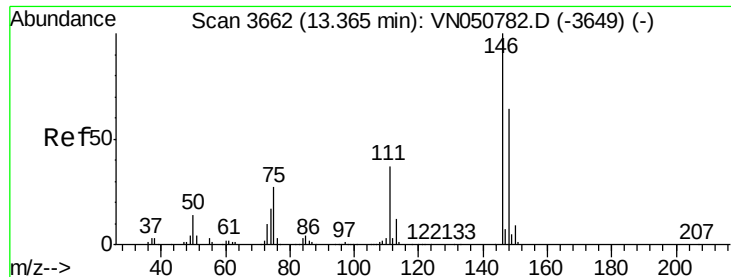
Tot Ion: 75 Resp: 164915
 Ion Ratio Lower Upper
 75 100
 53 0.1 68.9 103.3#
 89 0.0 36.1 54.1#



#87
 1,3-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

Tgt Ion: 146 Resp: 2633
 Ion Ratio Lower Upper
 146 100
 111 35.8 19.1 57.3
 148 75.0 32.2 96.6

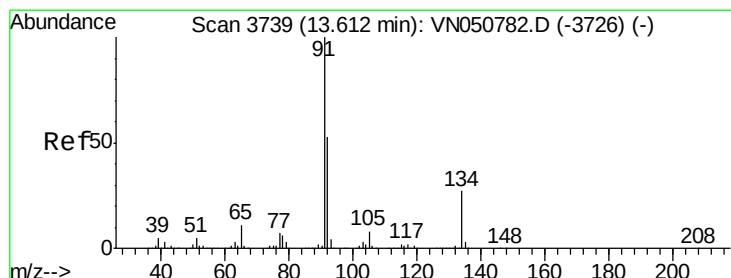
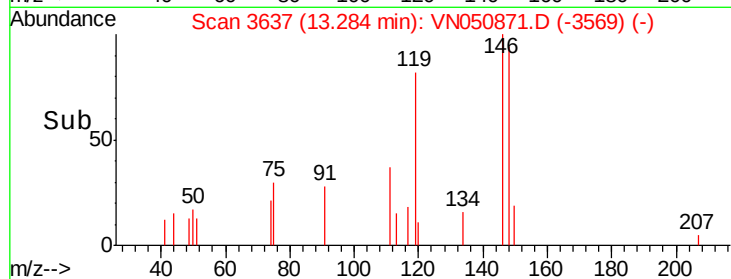
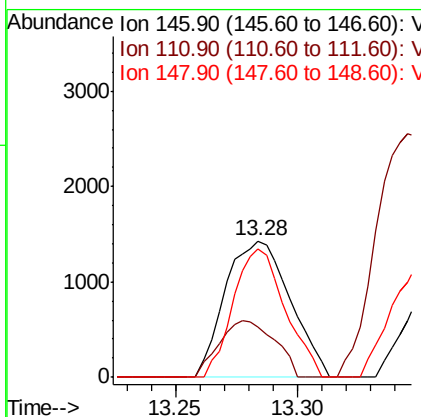
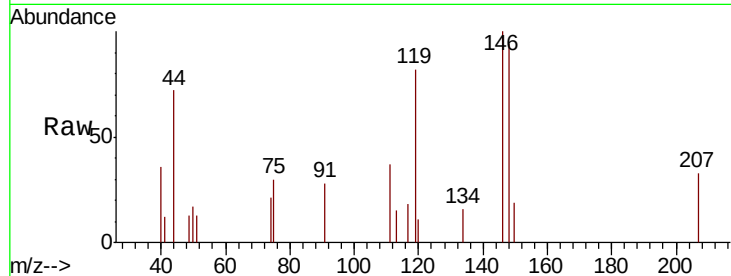




#88
 1,4-Dichlorobenzene
 Concen: 0.23 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.08 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

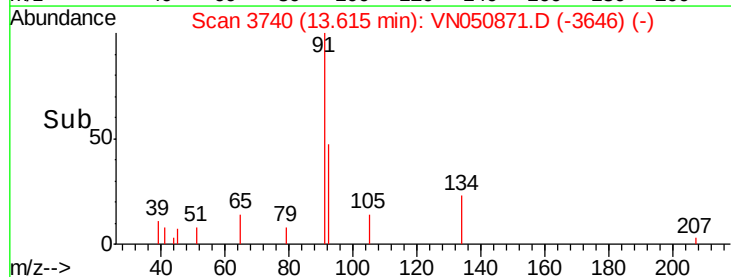
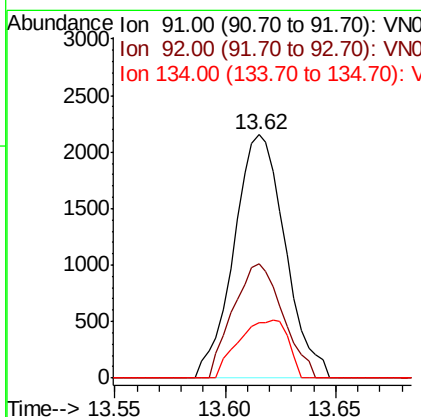
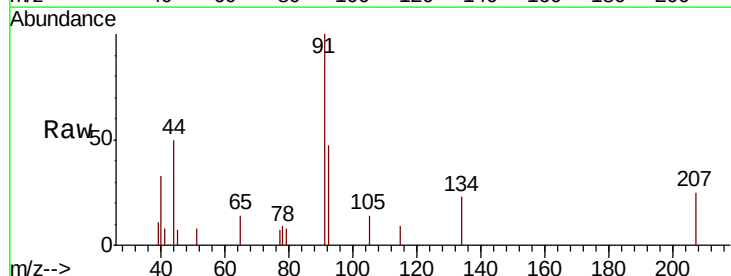
Instrument :
 MSVOA_N
 ClientSampleId :
 TOD1-SB-01-51.5-52

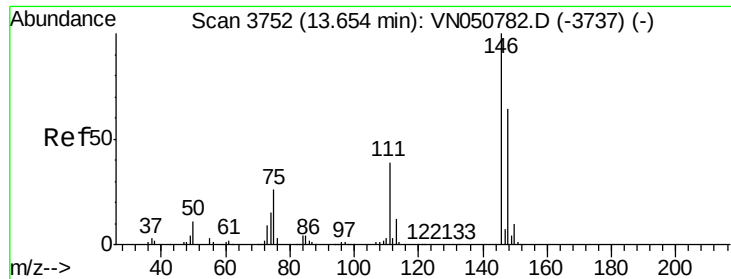
Tot Ion:146 Resp: 2633
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.8 56.3
 148 75.0 32.2 96.6



#89
 n-Butylbenzene
 Concen: 0.22 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. 0.00 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

Tgt Ion: 91 Resp: 3473
 Ion Ratio Lower Upper
 91 100
 92 45.5 26.1 78.2
 134 23.1 13.2 39.6

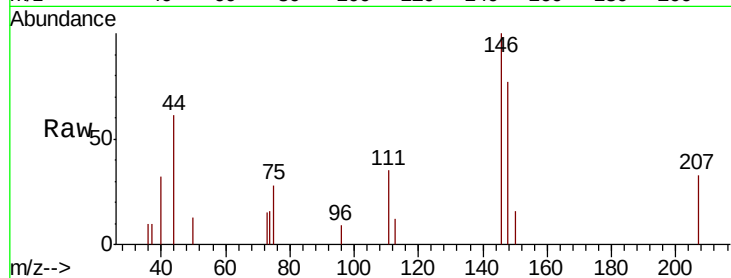




#91
 1,2-Dichlorobenzene
 Concen: 0.26 ug/l
 RT: 13.65 min Scan# 3751
 Delta R.T. -0.00 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 TOD1-SB-01-51.5-52

Tot Ion	Ratio	Lower	Upper
146	100		
111	33.1	19.8	59.3
148	66.1	32.3	96.8

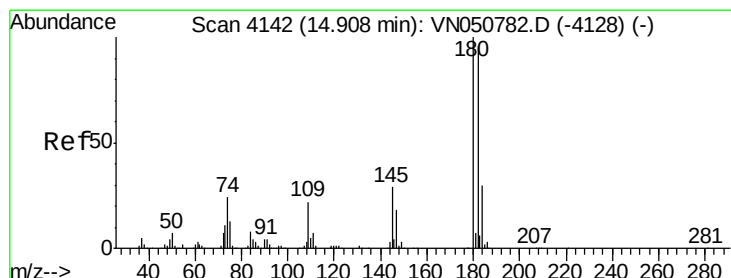
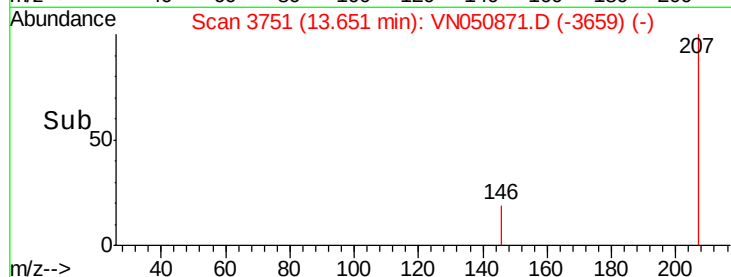
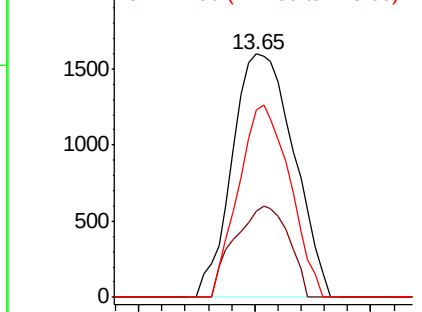


Abundance

Ion 145.90 (145.60 to 146.60): V

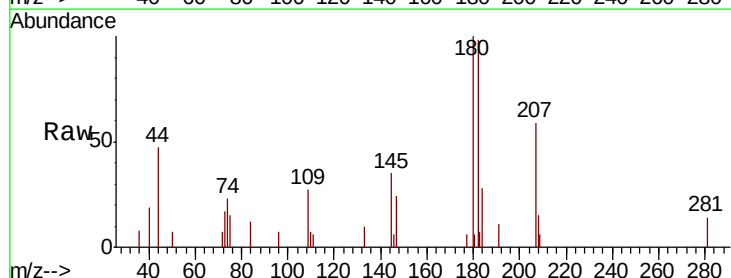
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93
 1,2,4-Trichlorobenzene
 Concen: 4.76 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. 0.00 min
 Lab File: VN050871.D
 Acq: 24 Aug 2018 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	48.2	144.6
145	32.3	14.1	42.2

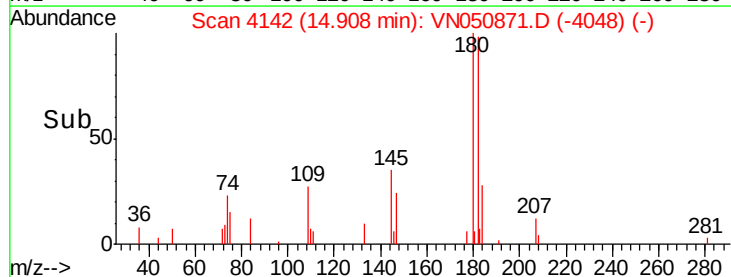
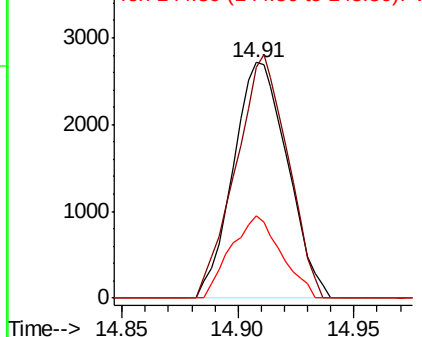


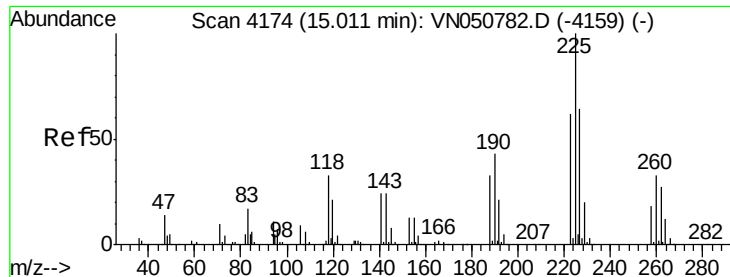
Abundance

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: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

TOD1-SB-01-51.5-52

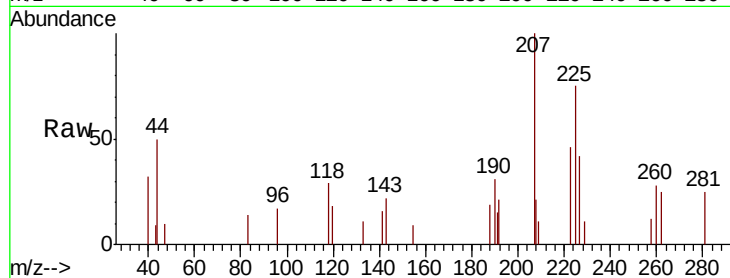
Tot Ion:225 Resp: 2040

Ion Ratio Lower Upper

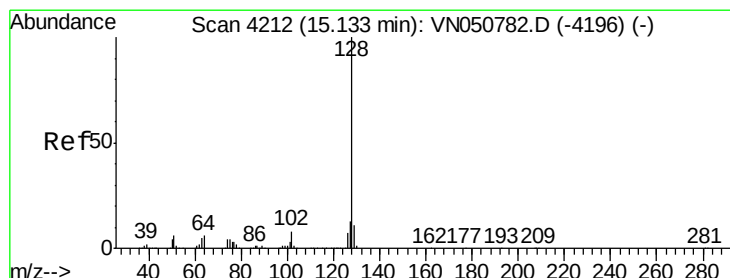
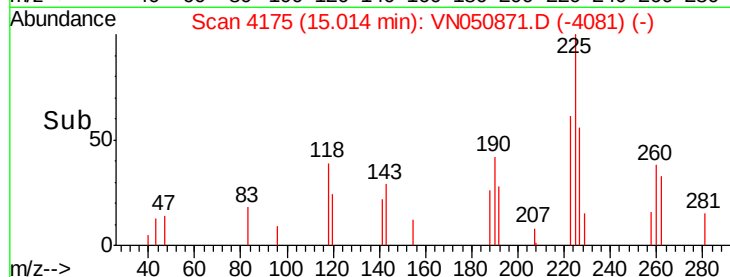
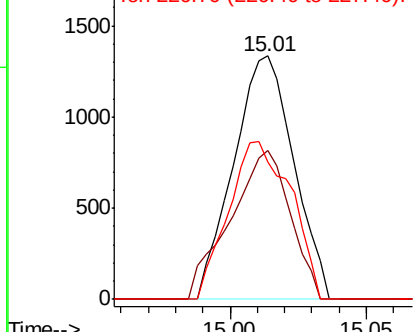
225 100

223 61.0 31.3 93.8

227 67.5 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: 6.12 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

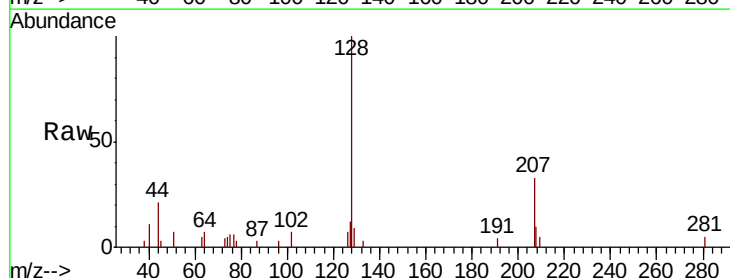
Tgt Ion:128 Resp: 10009

Ion Ratio Lower Upper

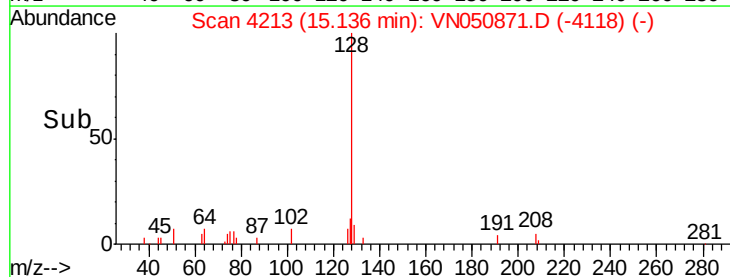
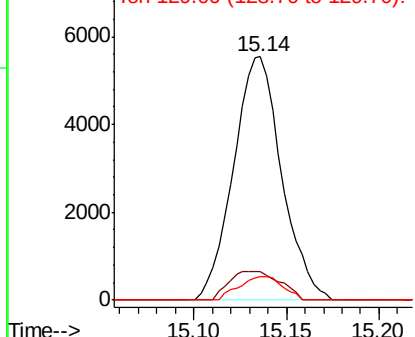
128 100

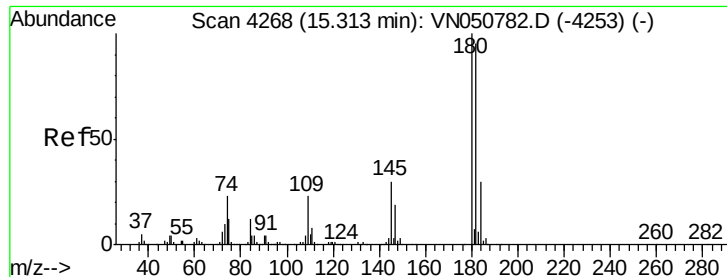
127 12.4 10.5 15.7

129 8.7 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: 4.03 ug/l

RT: 15.31 min Scan# 4267

Delta R.T. -0.00 min

Lab File: VN050871.D

Acq: 24 Aug 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

TOD1-SB-01-51.5-52

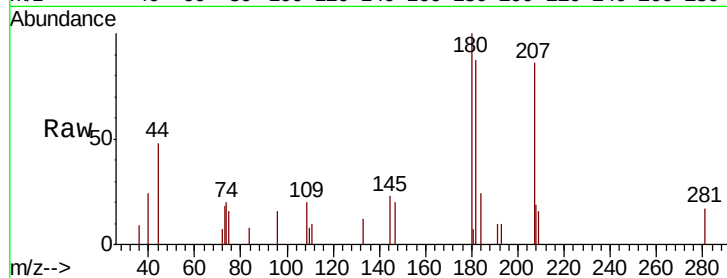
Tot Ion:180 Resp: 4368

Ion Ratio Lower Upper

180 100

182 92.7 48.0 144.2

145 25.4 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

