

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081618\
 Data File : VN050710.D
 Acq On : 16 Aug 2018 18:50
 Operator : MD\SY
 Sample : J4269-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 17 04:33:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	599488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1022917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	870675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310773	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	424805	56.22	ug/l	0.00
Spiked Amount			Recovery	=	112.44%	
35) Dibromofluoromethane	7.59	113	394691	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1393960	45.35	ug/l	0.00
Spiked Amount			Recovery	=	90.70%	
62) 4-Bromofluorobenzene	12.40	95	377089	37.14	ug/l	0.00
Spiked Amount			Recovery	=	74.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2443	Below Cal		93
5) Bromomethane	2.57	94	2647	Below Cal		99
6) Chloroethane	2.70	64	62	Below Cal	#	43
10) Methyl Iodide	3.96	142	348	7.008	ug/l #	73
16) Acetone	3.83	43	25301	12.030	ug/l	92
18) Methyl Acetate	4.34	43	17459	2.341	ug/l	97
20) Methylene Chloride	4.55	84	96570	12.491	ug/l	99
25) 2-Butanone	6.86	43	4263	1.376	ug/l #	84
29) Tetrahydrofuran	7.21	42	463	0.286	ug/l #	54
30) Chloroform	7.37	83	11171	0.821	ug/l	89
31) Cyclohexane	7.67	56	10213	0.550	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42823	3.761	ug/l #	48
38) Carbon Tetrachloride	7.67	117	53997	4.571	ug/l #	17
43) Isopropyl Acetate	8.17	43	282466	24.081	ug/l #	94
47) Bromodichloromethane	9.40	83	2627	0.226	ug/l #	76
48) Methyl methacrylate	9.18	41	7972	1.351	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	3041	0.383	ug/l #	81
52) Toluene	10.16	92	5735	0.277	ug/l	95
56) Ethyl methacrylate	10.23	69	2459	2.145	ug/l #	77
59) 2-Hexanone	10.77	43	15299	2.988	ug/l #	59
67) Ethyl Benzene	11.51	91	20958	0.599	ug/l	99
68) m/p-Xylenes	11.62	106	22871	1.709	ug/l	96
69) o-Xylene	11.95	106	6800	0.533	ug/l	95
70) Styrene	11.97	104	3733	1.102	ug/l #	83
71) Bromoform	12.40	173	3474	0.645	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.41	83	252	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	178982	35.345	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6486	0.334	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	178982	128.040	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	18043	0.925	ug/l	99
90) Hexachloroethane	13.89	117	824	0.219	ug/l #	4
95) Naphthalene	15.14	128	64105	8.810	ug/l	98

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QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

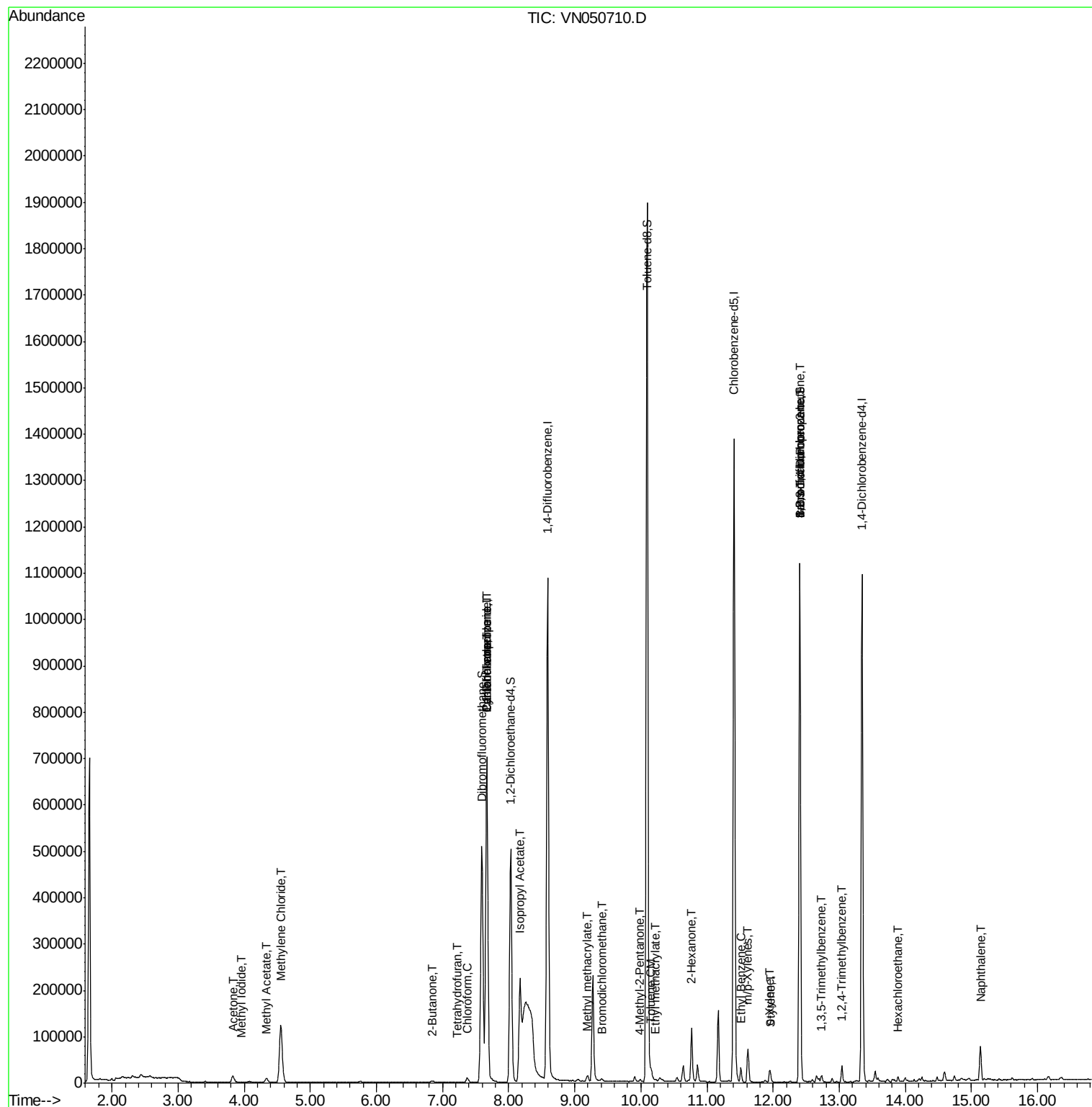
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

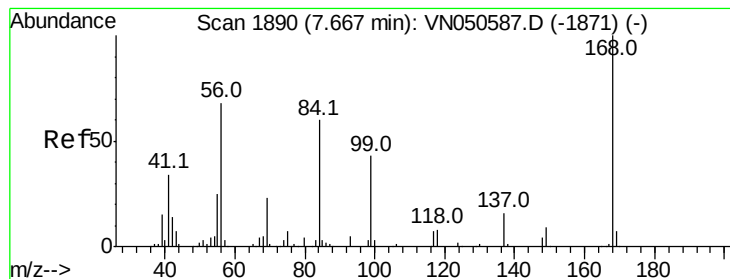
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081618\
Data File : VN050710.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

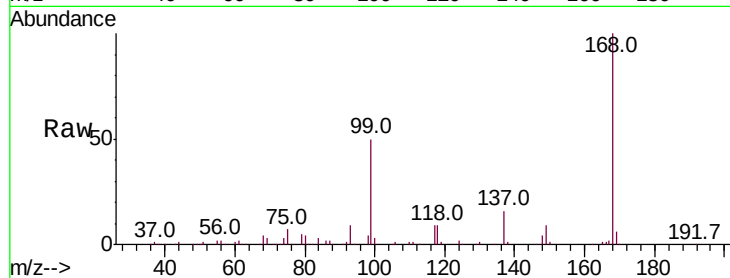
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 599488

Ion Ratio Lower Upper

168 100

99 50.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

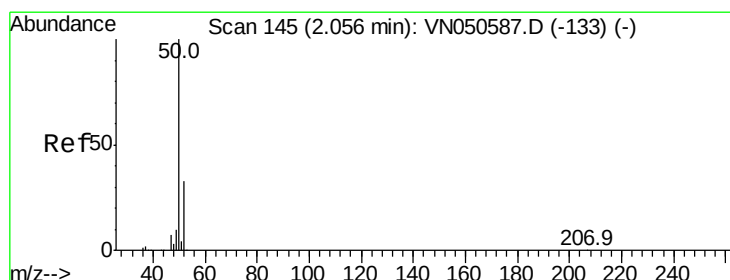
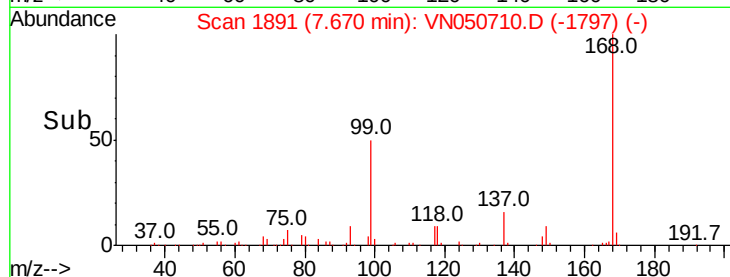
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050710.D

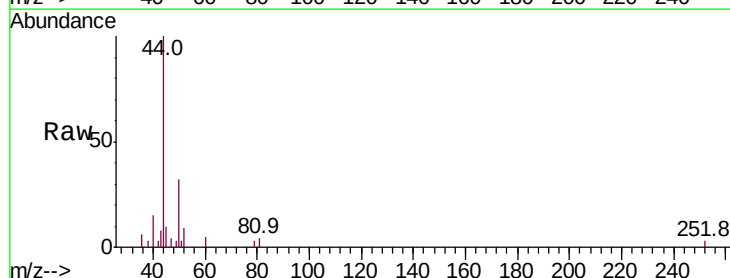
Acq: 16 Aug 2018 18:50

Tgt Ion: 50 Resp: 2443

Ion Ratio Lower Upper

50 100

52 28.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2000

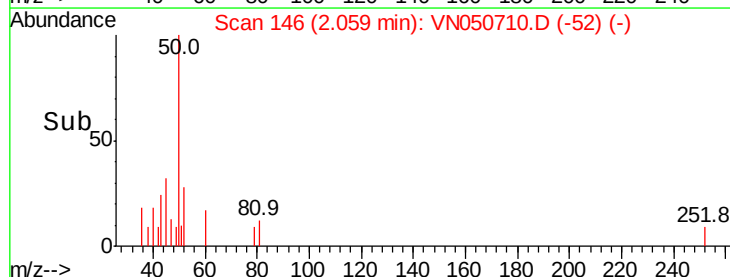
1500

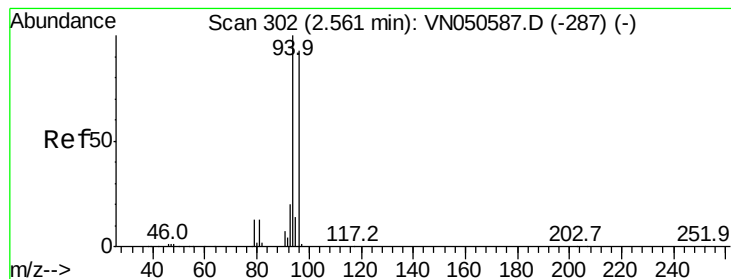
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :

MSVOA_N

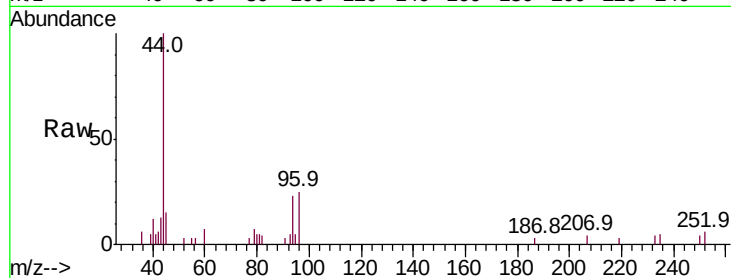
ClientSampleId :

Tot Ion: 94 Resp: 2647

Ion Ratio Lower Upper

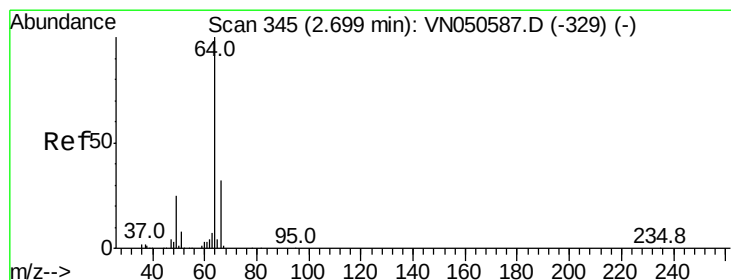
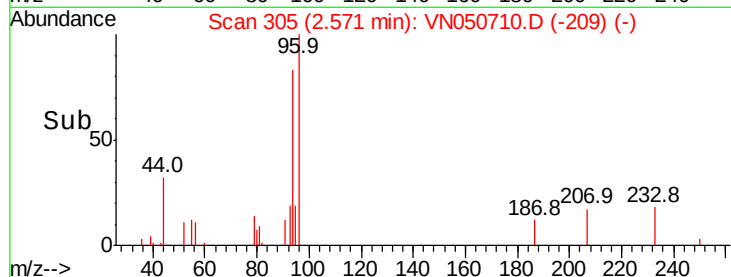
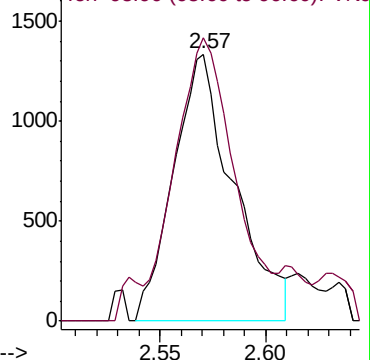
94 100

96 91.1 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: Below Cal

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN050710.D

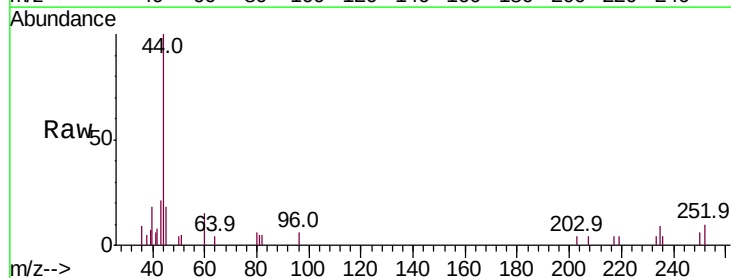
Acq: 16 Aug 2018 18:50

Tgt Ion: 64 Resp: 62

Ion Ratio Lower Upper

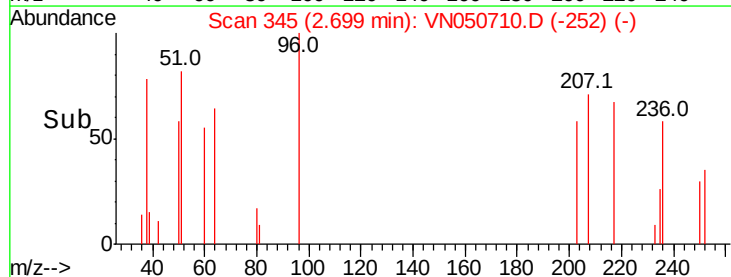
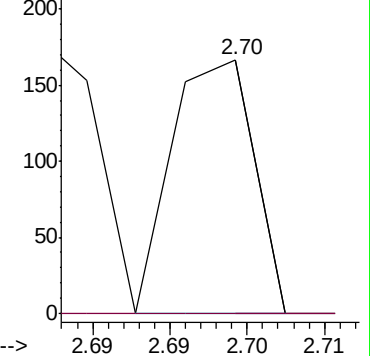
64 100

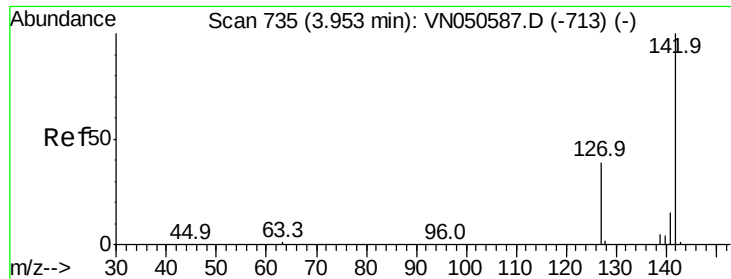
66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

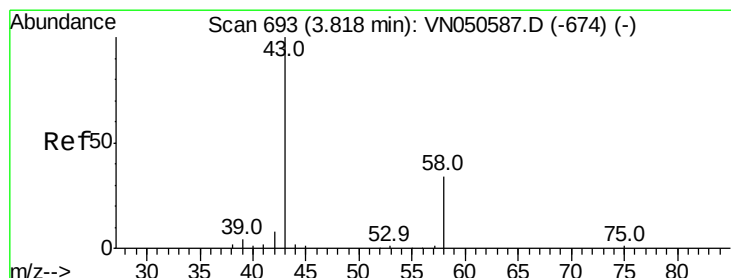
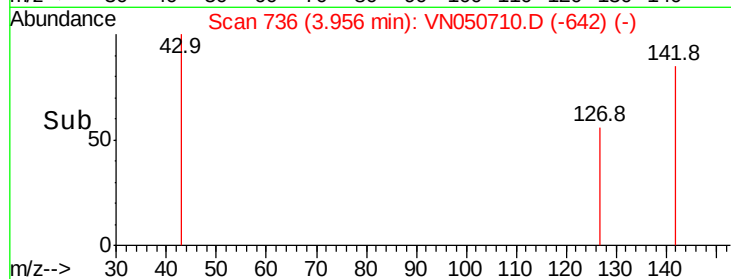
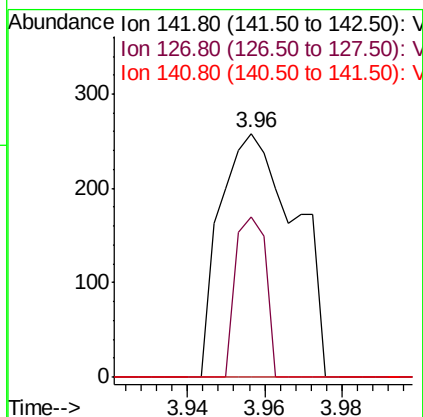
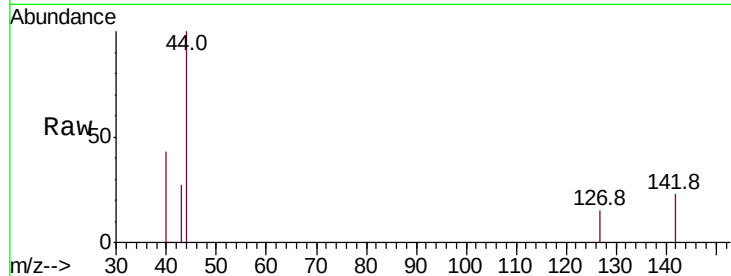




#10
Methvl Iodide
Concen: 7.008 ug/l
RT: 3.96 min Scan# 736
Delta R.T. 0.00 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

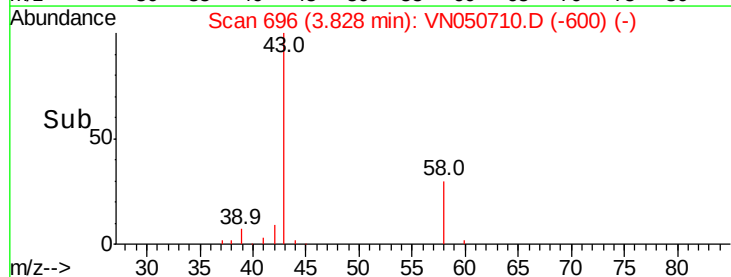
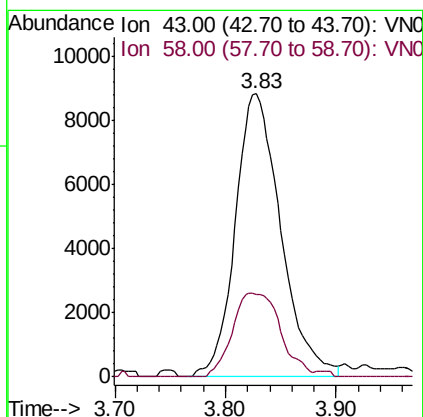
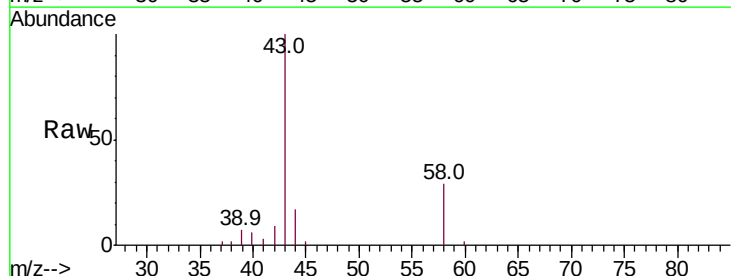
Instrument :
MSVOA_N
ClientSampleId :

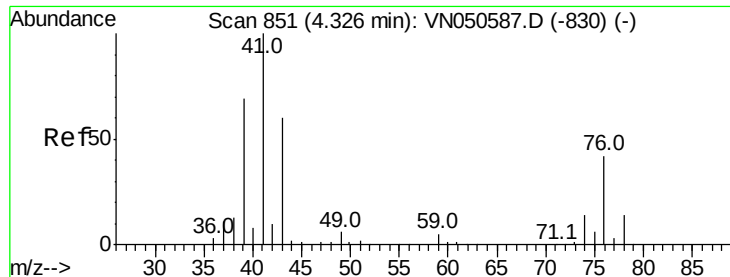
Tot Ion:142 Resp: 348
Ion Ratio Lower Upper
142 100
127 26.1 32.6 49.0#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 12.030 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.01 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

Tgt Ion: 43 Resp: 25301
Ion Ratio Lower Upper
43 100
58 29.3 27.1 40.7

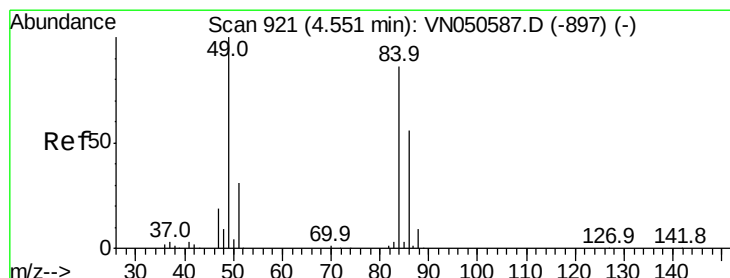
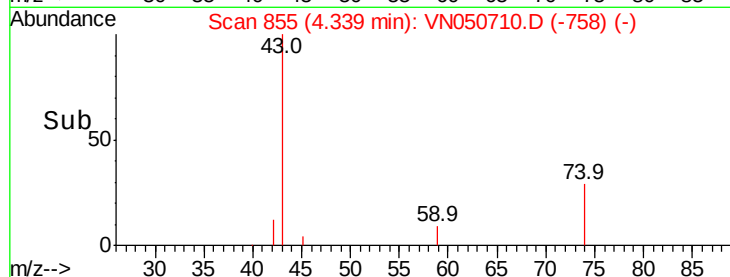
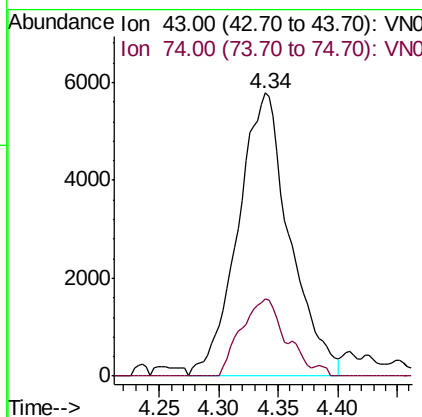
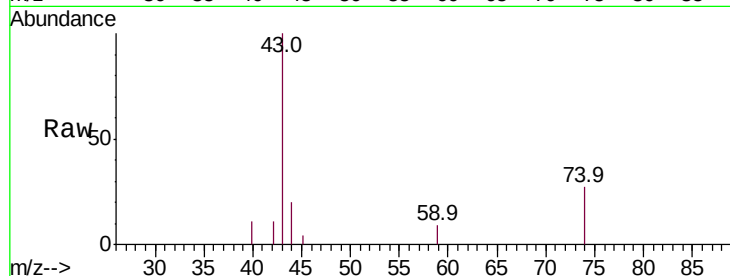




#18
Methyl Acetate
Concen: 2.341 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

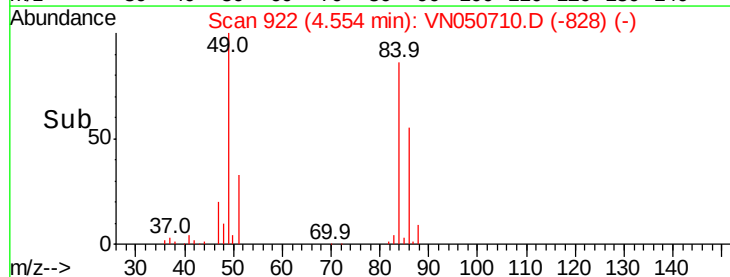
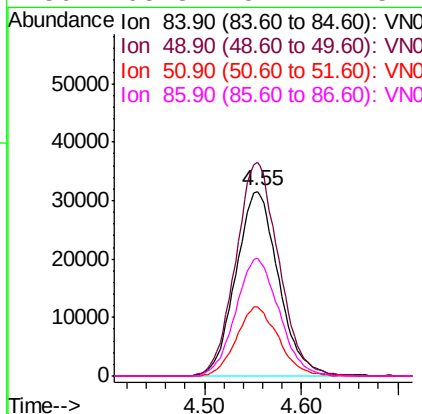
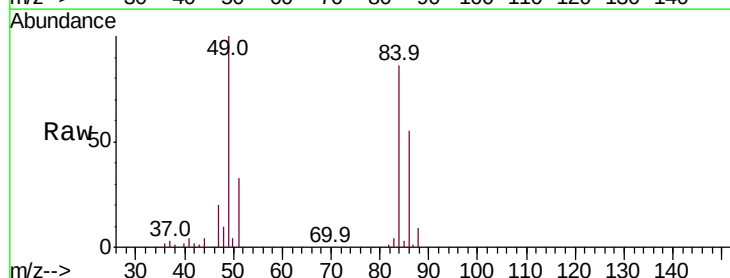
Instrument :
MSVOA_N
ClientSampled :

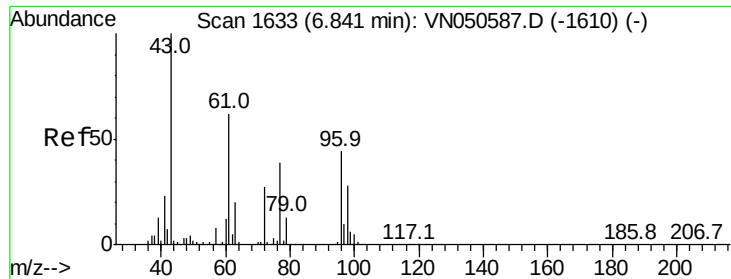
Tot Ion: 43 Resp: 17459
Ion Ratio Lower Upper
43 100
74 23.3 19.7 29.5



#20
Methylene Chloride
Concen: 12.491 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

Tgt Ion: 84 Resp: 96570
Ion Ratio Lower Upper
84 100
49 115.8 92.6 138.8
51 37.8 28.6 43.0
86 63.8 52.2 78.2

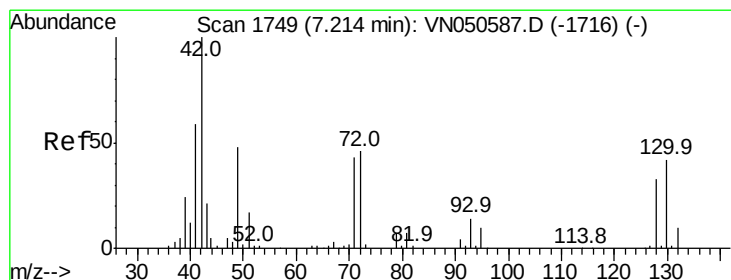
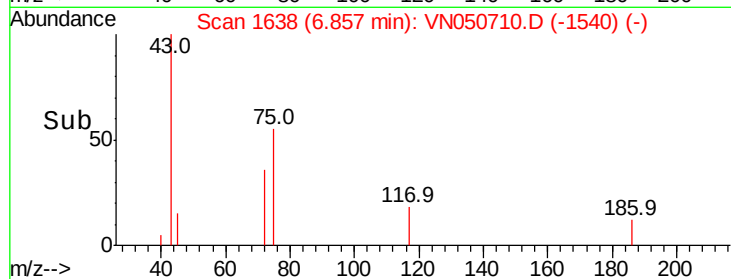
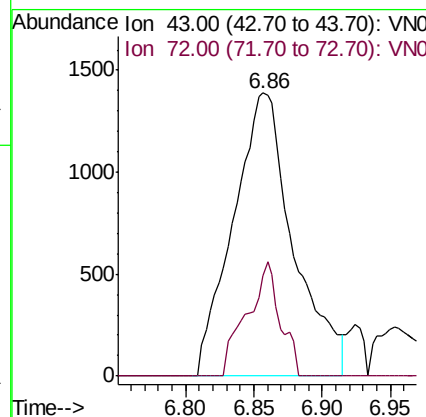
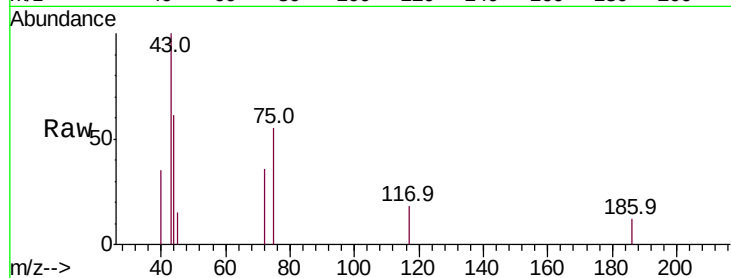




#25
2-Butanone
Concen: 1.376 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

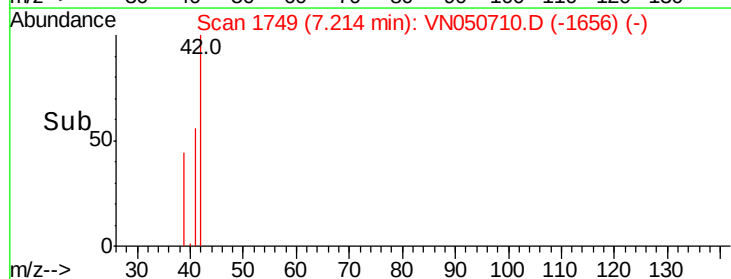
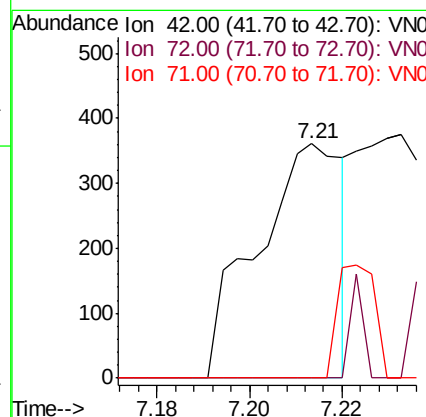
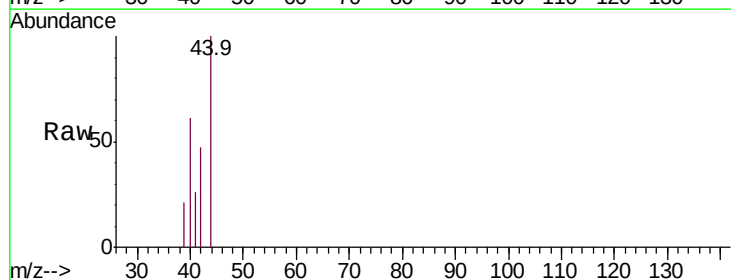
Instrument :
MSVOA_N
ClientSampled :

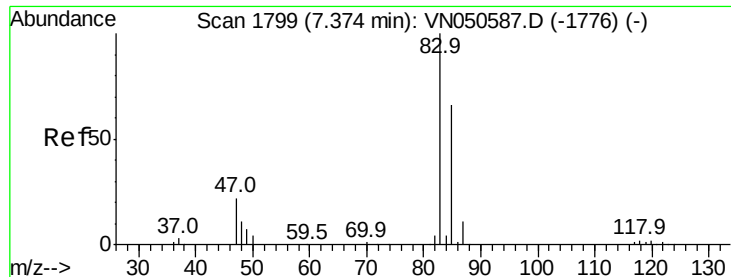
Tot Ion: 43 Resp: 4263
Ion Ratio Lower Upper
43 100
72 35.7 21.8 32.6#



#29
Tetrahydrofuran
Concen: 0.286 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

Tgt Ion: 42 Resp: 463
Ion Ratio Lower Upper
42 100
72 6.7 35.8 53.6#
71 21.0 33.4 50.0#

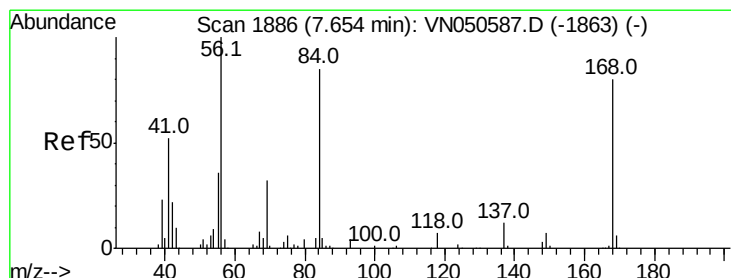
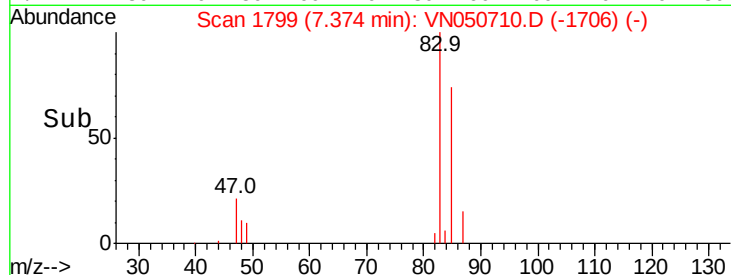
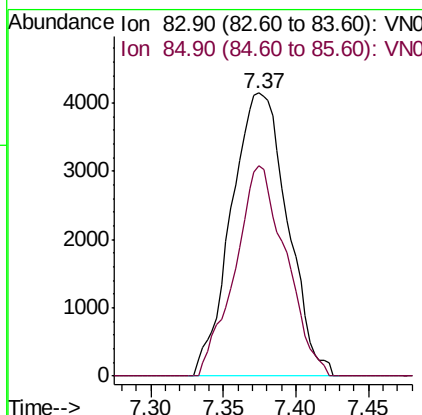
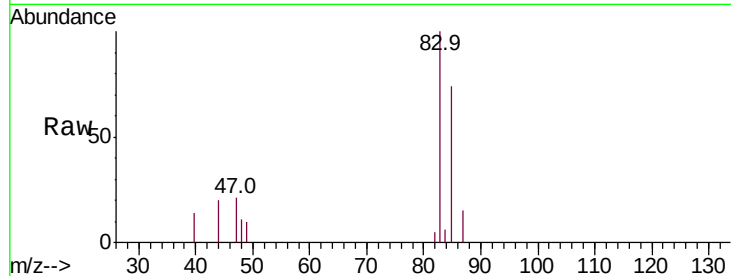




#30
Chloroform
Concen: 0.821 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

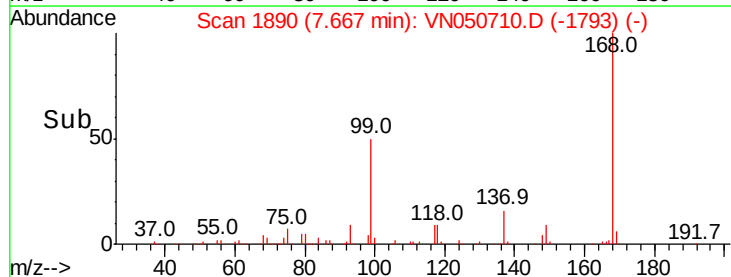
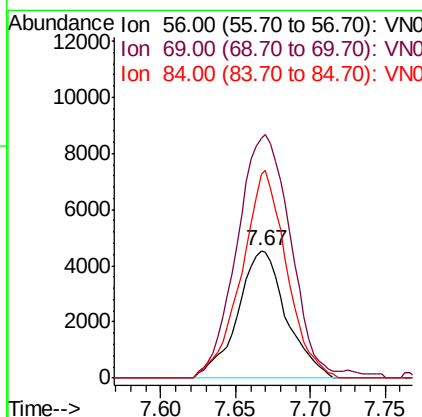
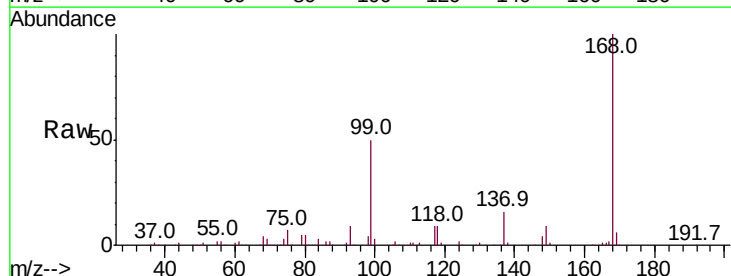
Instrument :
MSVOA_N
ClientSampleId :

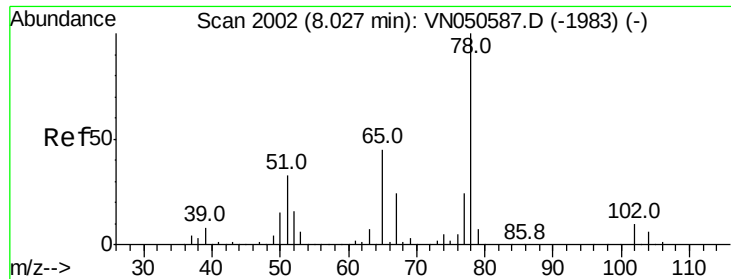
Tot Ion: 83 Resp: 11171
Ion Ratio Lower Upper
83 100
85 74.1 52.5 78.7



#31
Cyclohexane
Concen: 0.550 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

Tgt Ion: 56 Resp: 10213
Ion Ratio Lower Upper
56 100
69 188.3 25.8 38.6#
84 159.3 67.8 101.6#

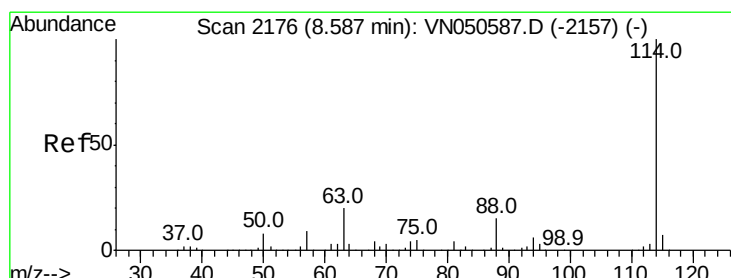
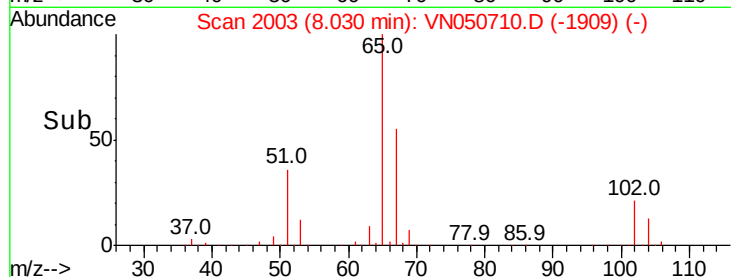
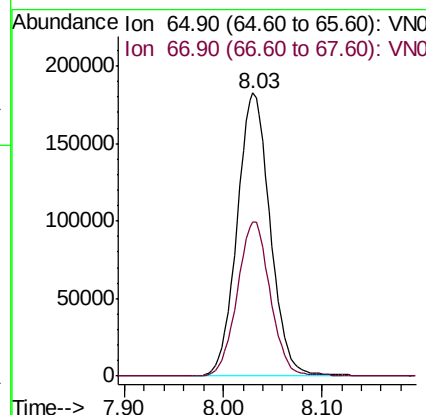
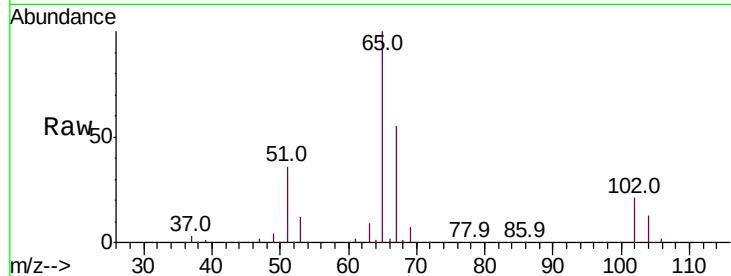




#33
 1,2-Dichloroethane-d4
 Concen: 56.217 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050710.D
 Acq: 16 Aug 2018 18:50

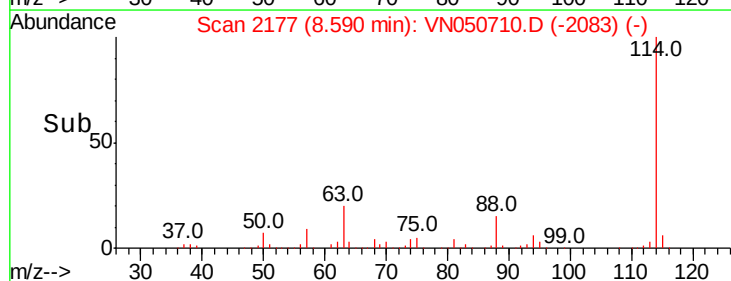
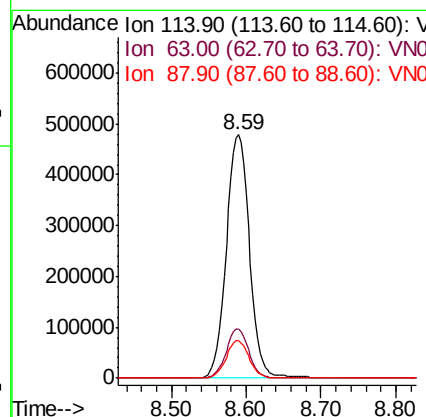
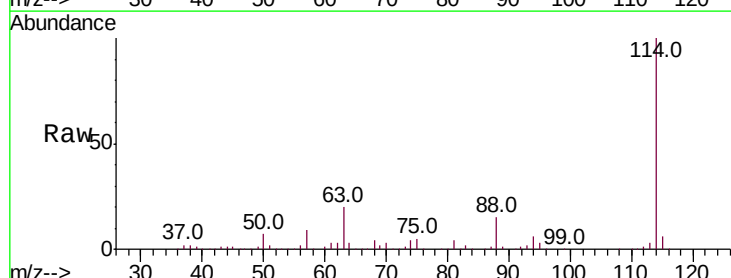
Instrument :
 MSVOA_N
 ClientSampled :

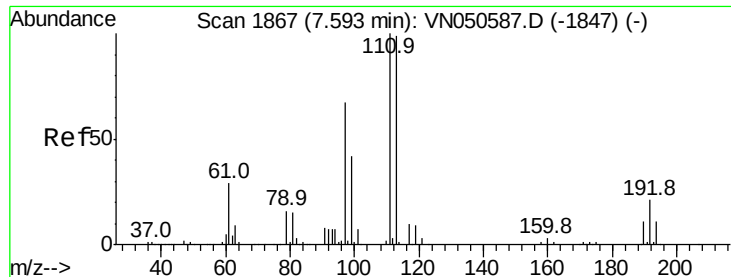
Tot Ion: 65 Resp: 424805
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050710.D
 Acq: 16 Aug 2018 18:50

Tgt Ion:114 Resp: 1022917
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.3 0.0 30.8

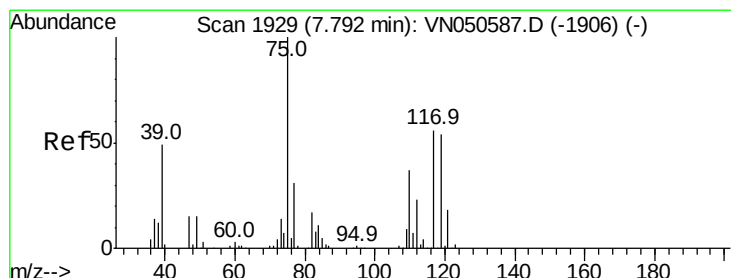
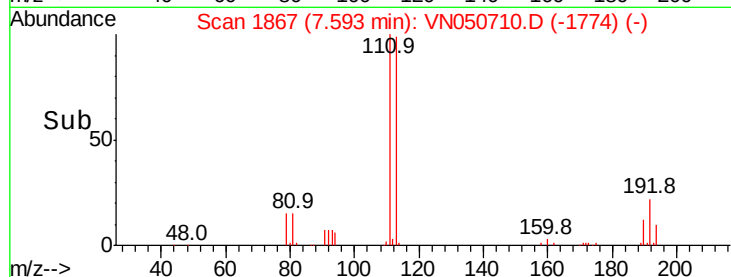
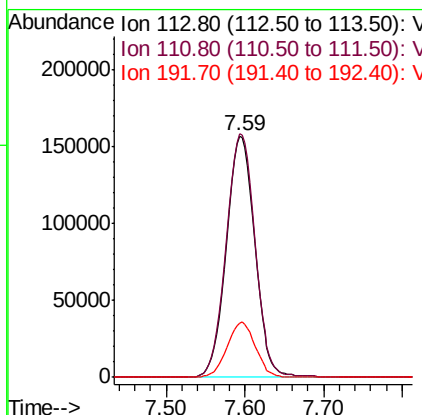
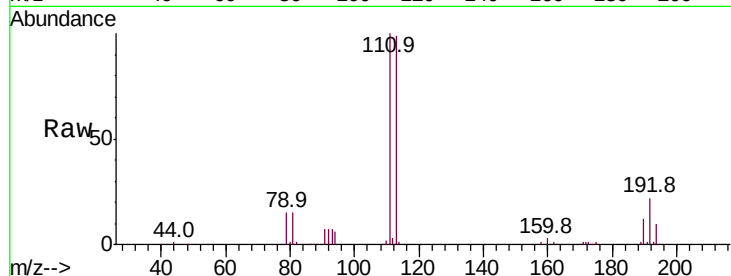




#35
 Dibromofluoromethane
 Concen: 48.330 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050710.D
 Acq: 16 Aug 2018 18:50

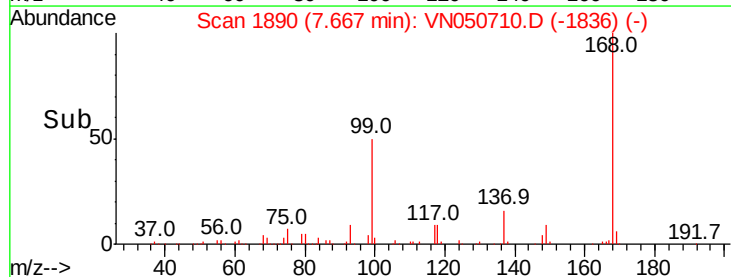
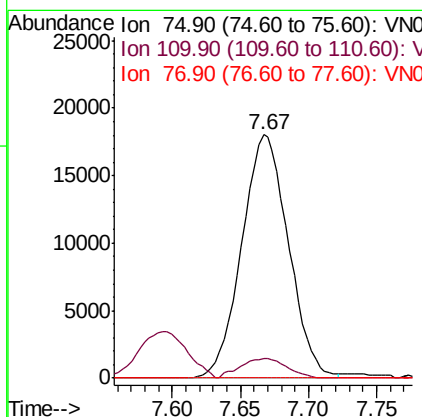
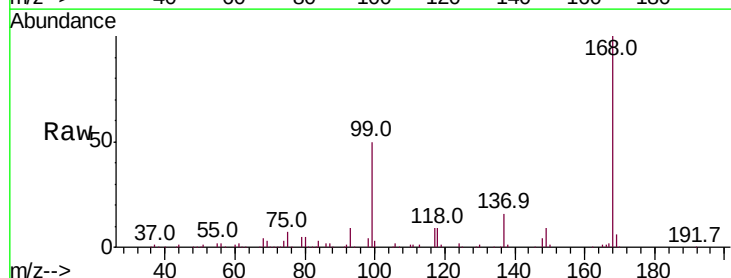
Instrument :
 MSVOA_N
 ClientSampleId :

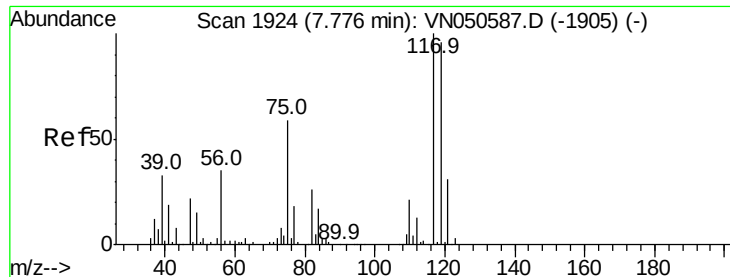
Tot Ion:113 Resp: 394691
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.0 121.6
 192 22.5 17.6 26.4



#36
 1,1-Dichloropropene
 Concen: 3.761 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050710.D
 Acq: 16 Aug 2018 18:50

Tgt Ion: 75 Resp: 42823
 Ion Ratio Lower Upper
 75 100
 110 8.0 18.3 54.9#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 4.571 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :

MSVOA_N

ClientSampled :

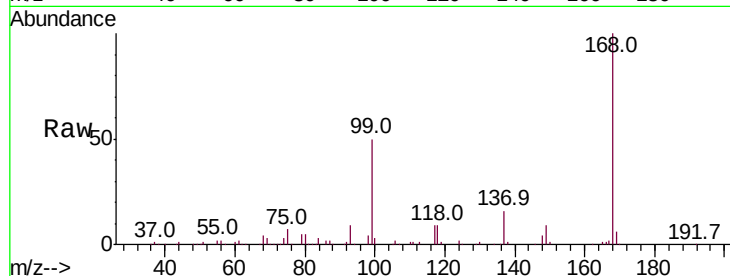
Tot Ion:117 Resp: 53997

Ion Ratio Lower Upper

117 100

119 6.3 76.6 115.0#

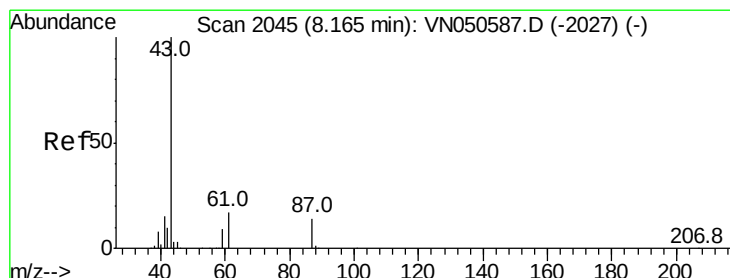
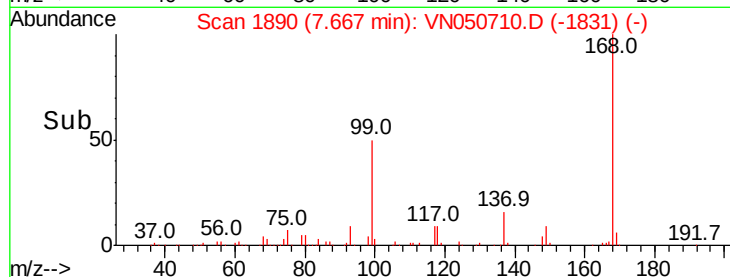
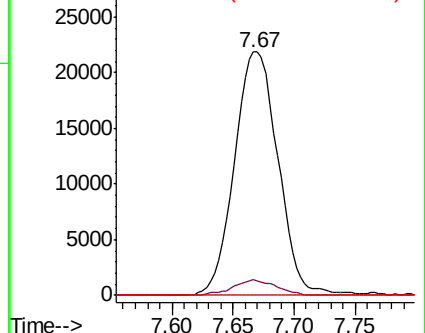
121 0.0 25.0 37.6#



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: 24.081 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

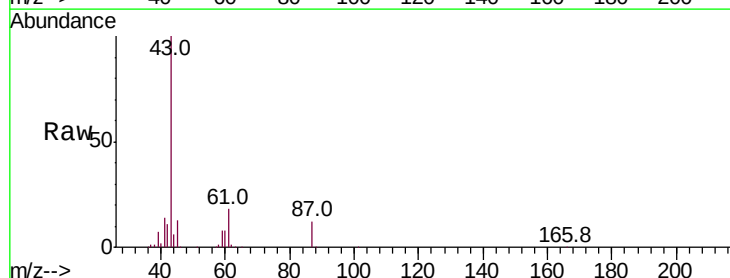
Tgt Ion: 43 Resp: 282466

Ion Ratio Lower Upper

43 100

61 17.4 16.2 24.2

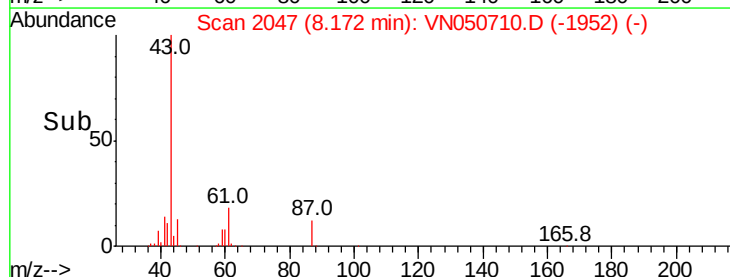
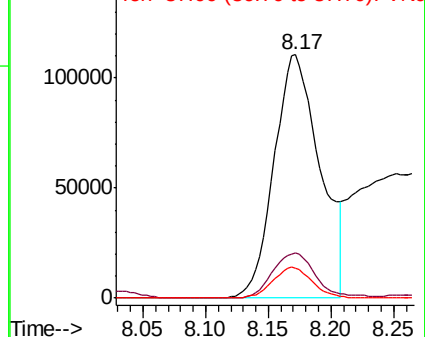
87 10.8 10.9 16.3#

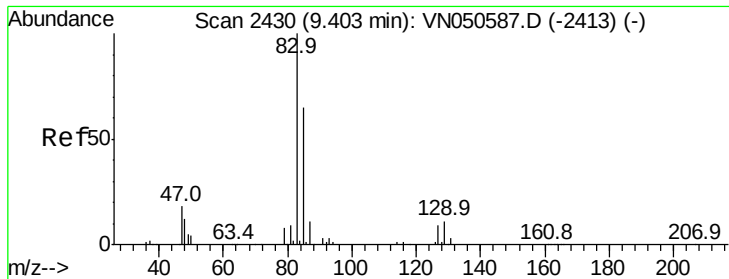


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.226 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :
MSVOA_N
ClientSampled :

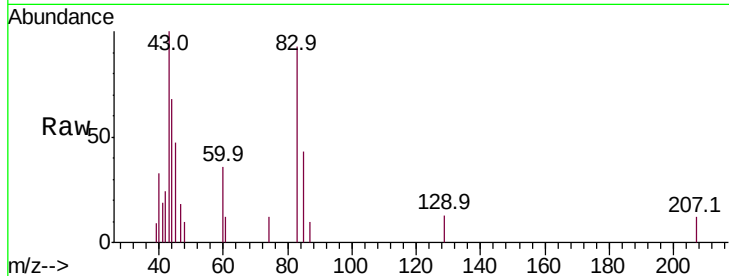
Tot Ion: 83 Resp: 2627

Ion Ratio Lower Upper

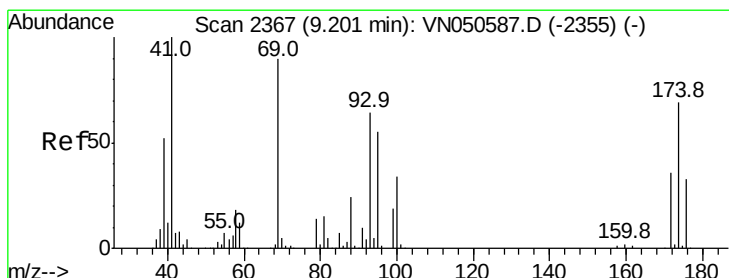
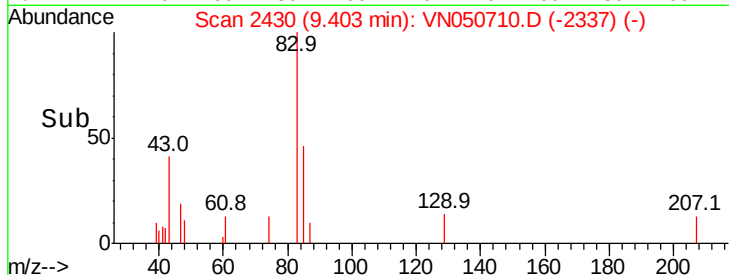
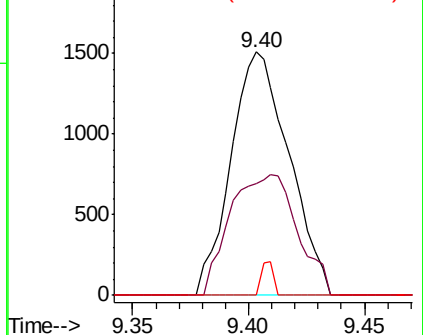
83 100

85 45.9 51.8 77.6#

127 0.0 7.2 10.8#



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



#48

Methyl methacrylate

Concen: 1.351 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

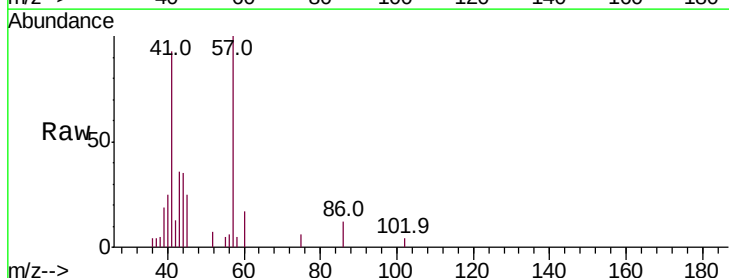
Tgt Ion: 41 Resp: 7972

Ion Ratio Lower Upper

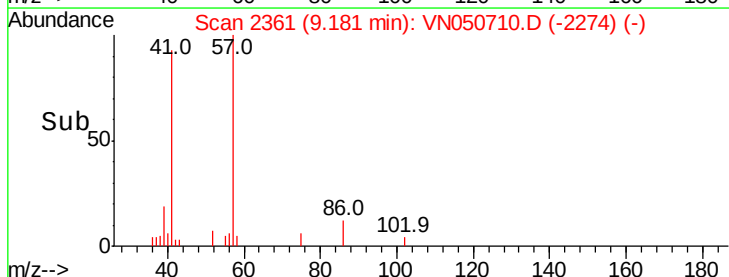
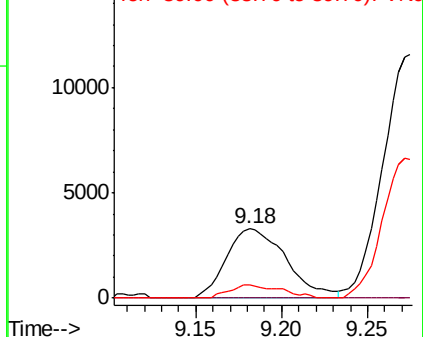
41 100

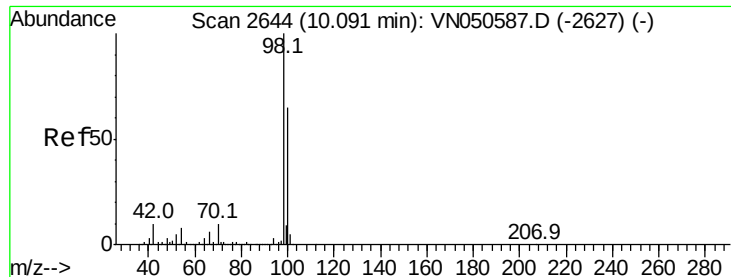
69 0.0 73.4 110.0#

39 16.7 43.0 64.6#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

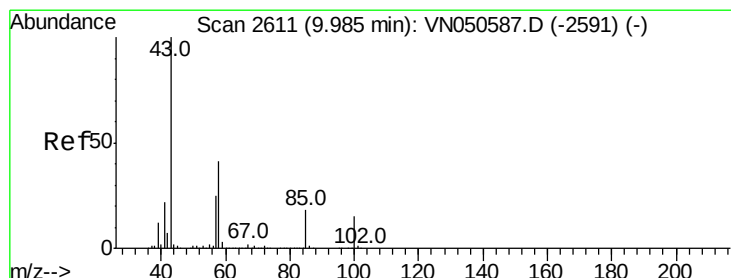
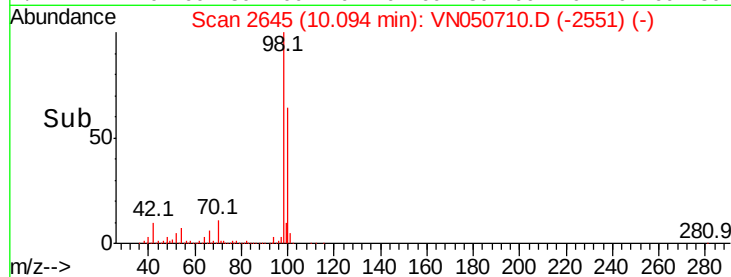
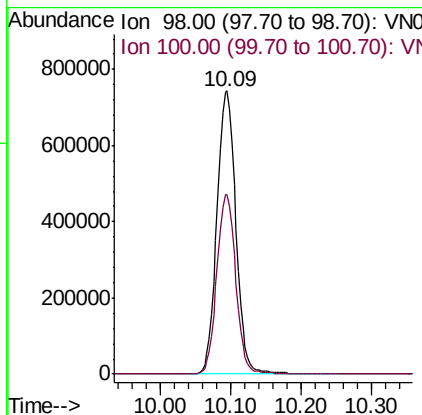
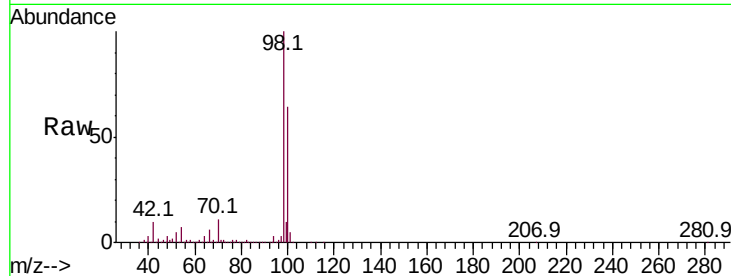




#50
Toluene-d8
Concen: 45.354 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

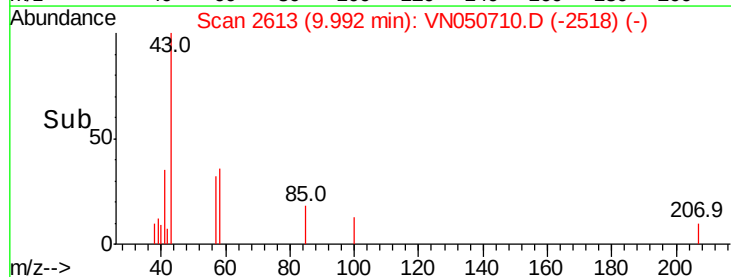
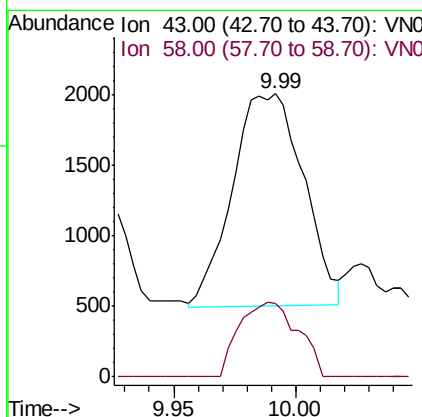
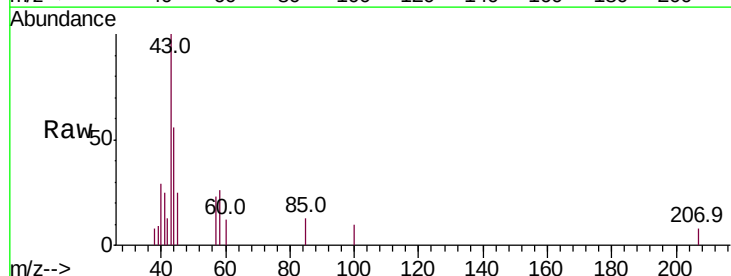
Instrument :
MSVOA_N
ClientSampleId :

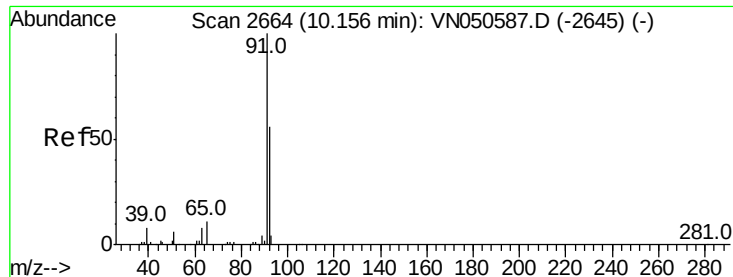
Tot Ion: 98 Resp: 1393960
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.383 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.01 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

Tgt Ion: 43 Resp: 3041
Ion Ratio Lower Upper
43 100
58 29.0 32.5 48.7#





#52

Toluene

Concen: 0.277 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :

MSVOA_N

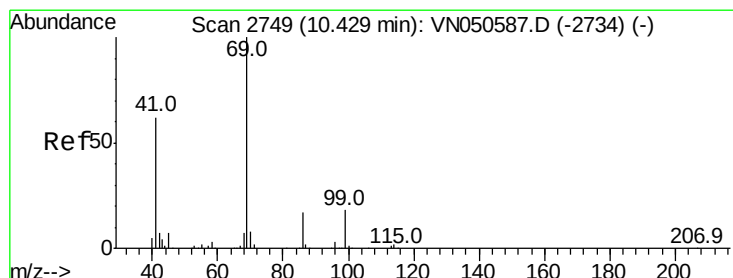
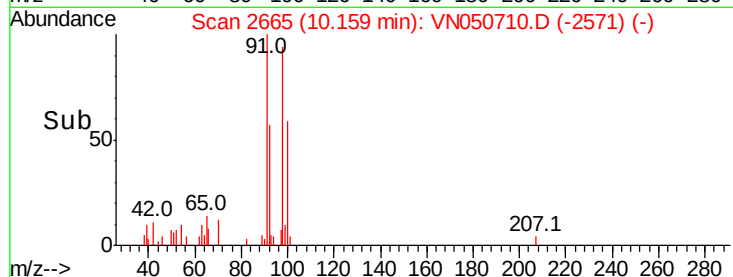
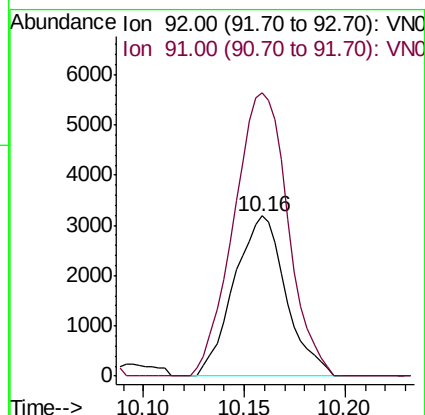
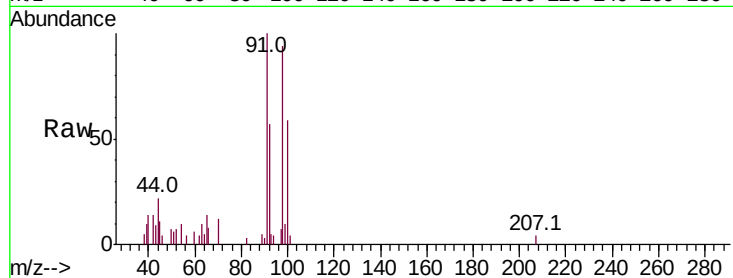
ClientSampleId :

Tot Ion: 92 Resp: 5735

Ion Ratio Lower Upper

92 100

91 184.9 141.9 212.9



#56

Ethyl methacrylate

Concen: 2.145 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.20 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

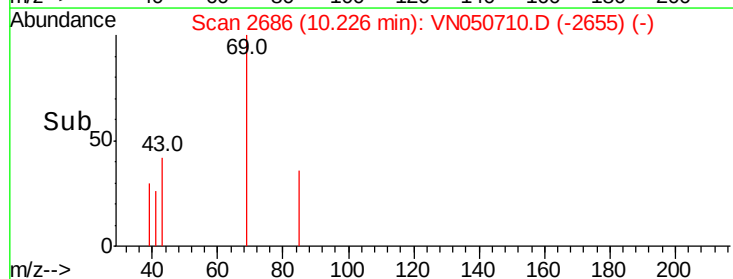
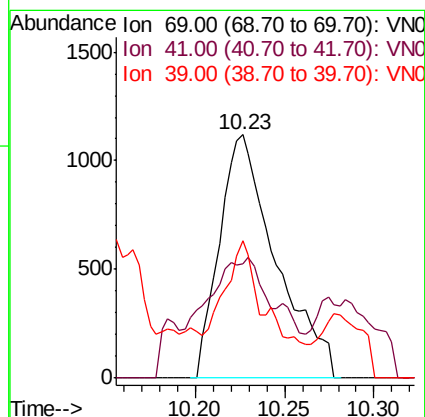
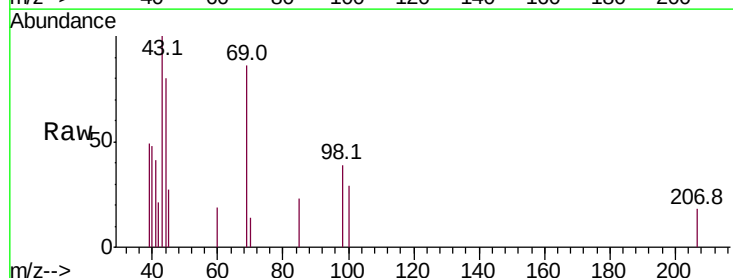
Tgt Ion: 69 Resp: 2459

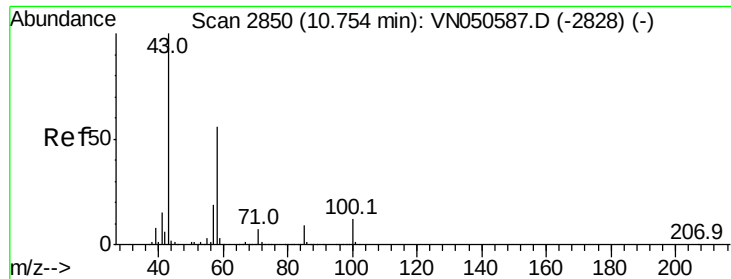
Ion Ratio Lower Upper

69 100

41 35.8 49.7 74.5#

39 30.5 24.2 36.2





#59

2-Hexanone

Concen: 2.988 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :

MSVOA_N

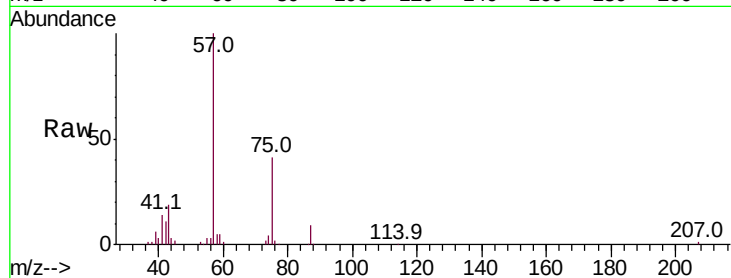
ClientSampleId :

Tot Ion: 43 Resp: 15299

Ion Ratio Lower Upper

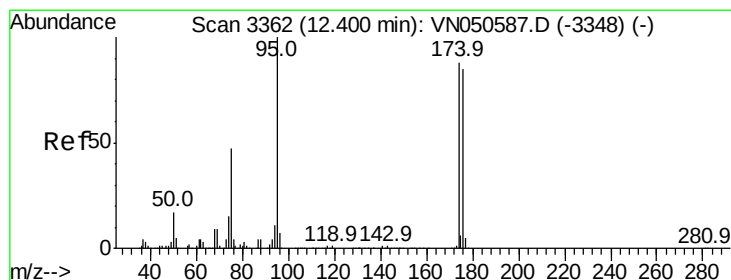
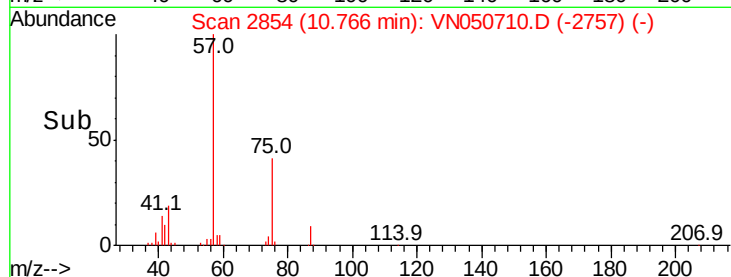
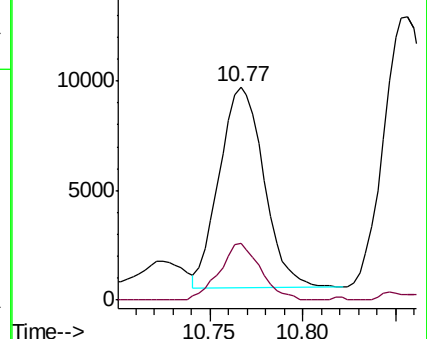
43 100

58 26.0 28.0 84.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 37.138 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

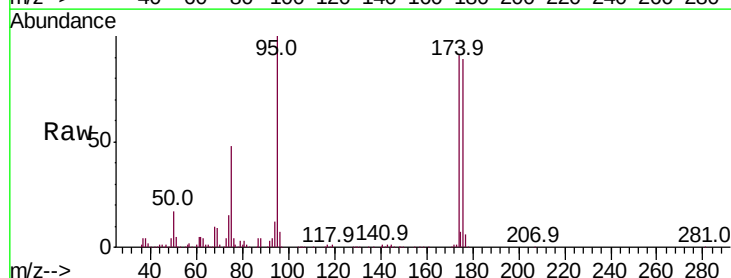
Tgt Ion: 95 Resp: 377089

Ion Ratio Lower Upper

95 100

174 91.3 0.0 177.8

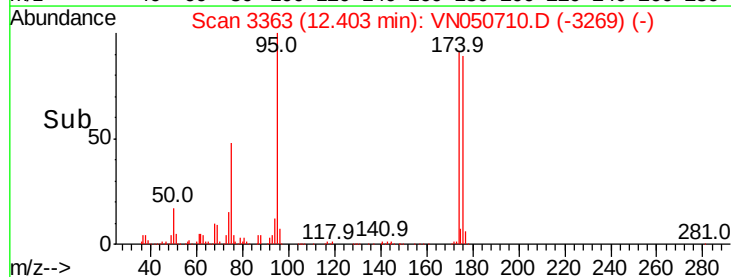
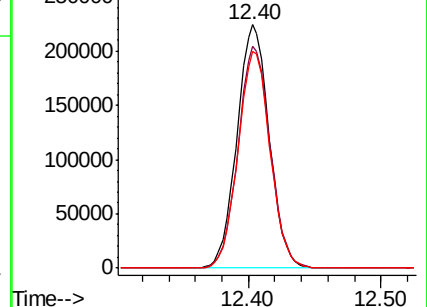
176 88.7 0.0 175.0

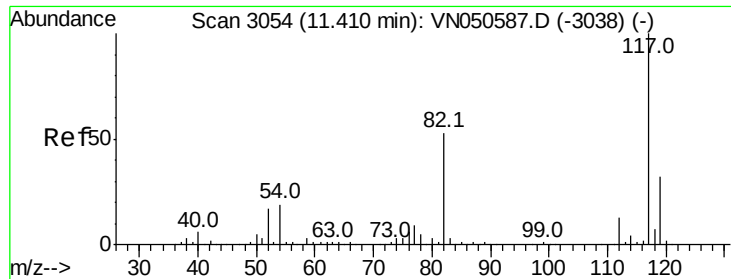


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

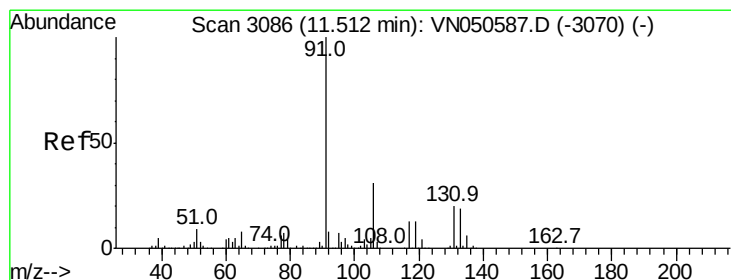
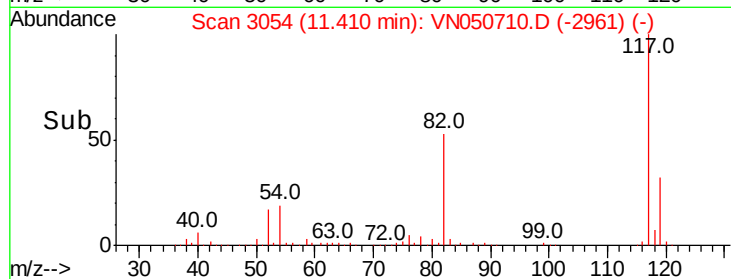
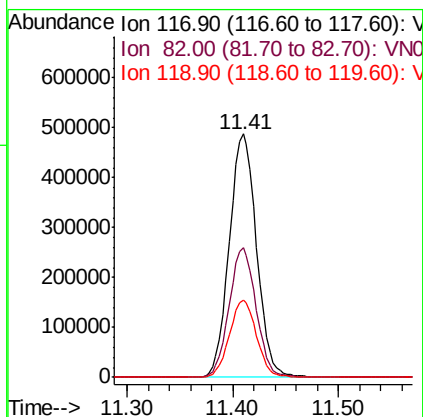
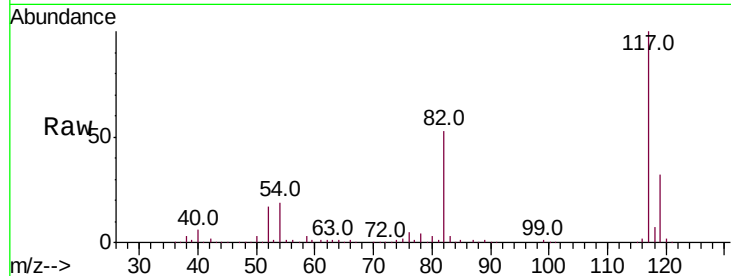




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

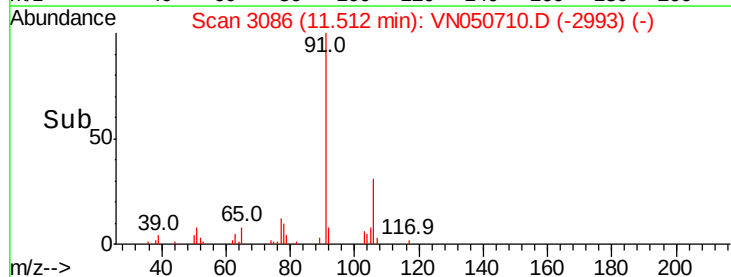
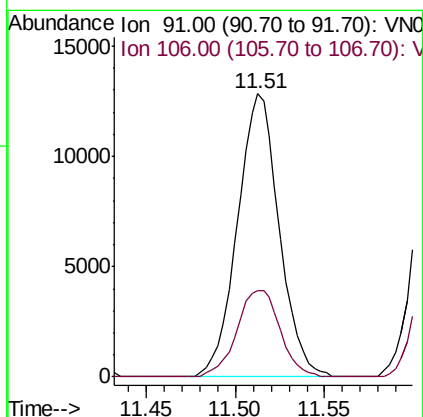
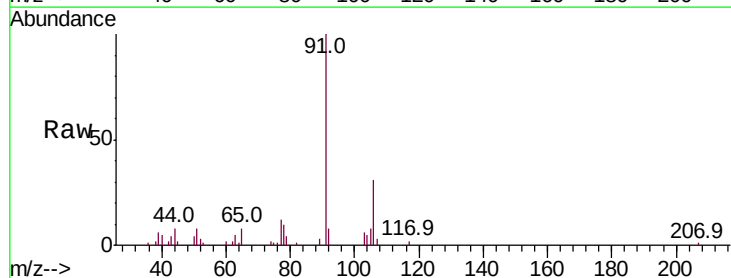
Instrument :
MSVOA_N
ClientSampled :

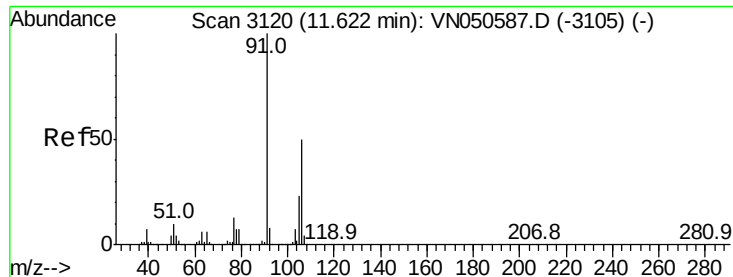
Tot Ion:117 Resp: 870675
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 32.0 25.8 38.8



#67
Ethyl Benzene
Concen: 0.599 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN050710.D
Acq: 16 Aug 2018 18:50

Tgt Ion: 91 Resp: 20958
Ion Ratio Lower Upper
91 100
106 30.6 24.8 37.2





#68

m/p-Xylenes

Concen: 1.709 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :

MSVOA_N

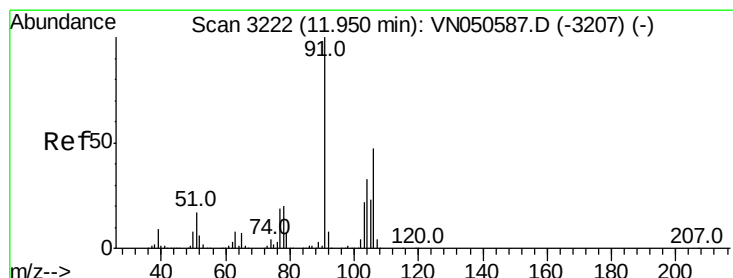
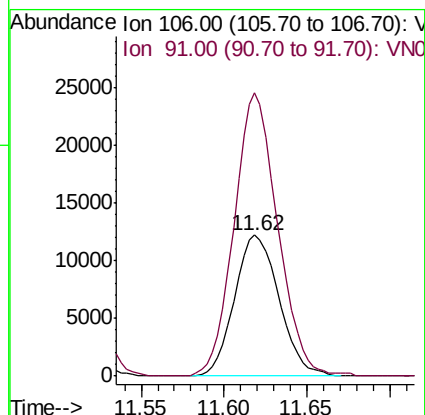
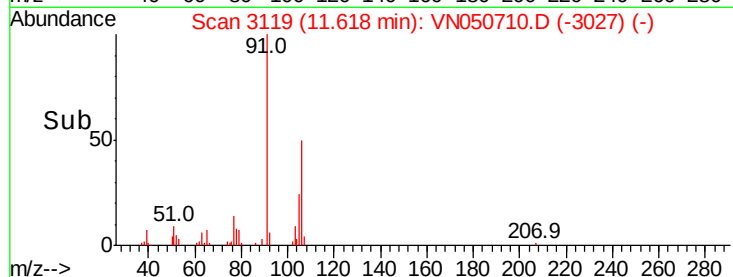
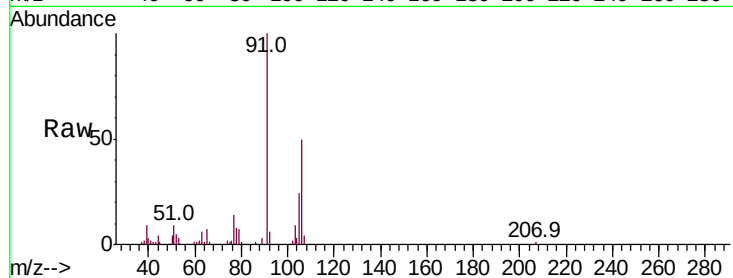
ClientSampled :

Tot Ion:106 Resp: 22871

Ion Ratio Lower Upper

106 100

91 195.7 161.5 242.3



#69

o-Xylene

Concen: 0.533 ug/l

RT: 11.95 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN050710.D

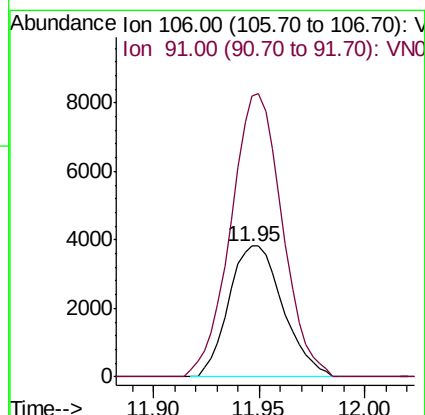
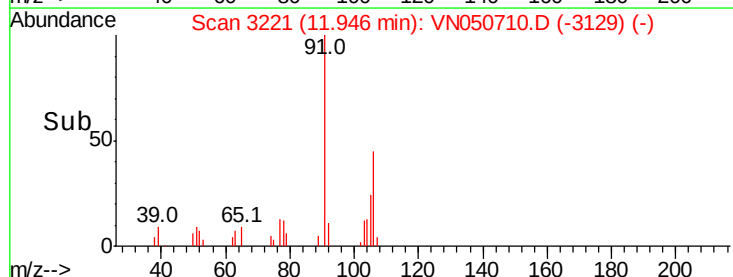
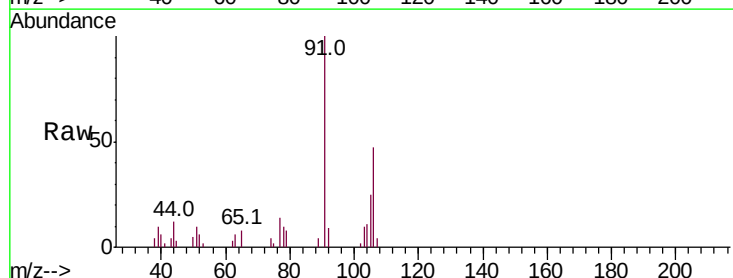
Acq: 16 Aug 2018 18:50

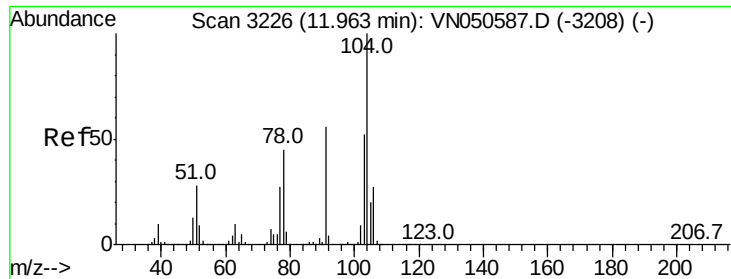
Tgt Ion:106 Resp: 6800

Ion Ratio Lower Upper

106 100

91 205.7 106.8 320.4





#70

Stvrene

Concen: 1.102 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :

MSVOA_N

ClientSampled :

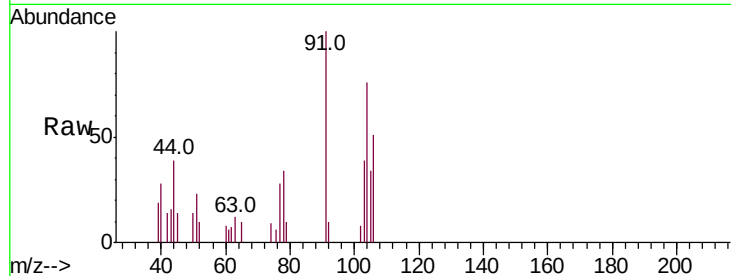
Tot Ion:104 Resp: 3733

Ion Ratio Lower Upper

104 100

78 63.7 39.1 58.7#

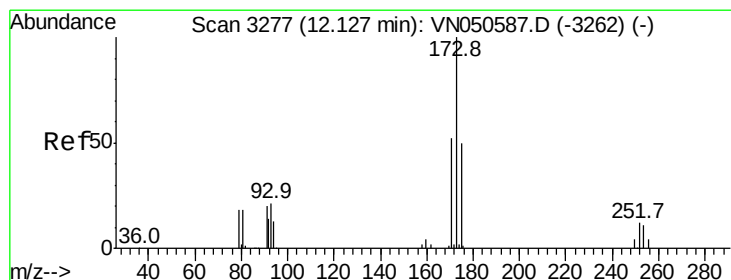
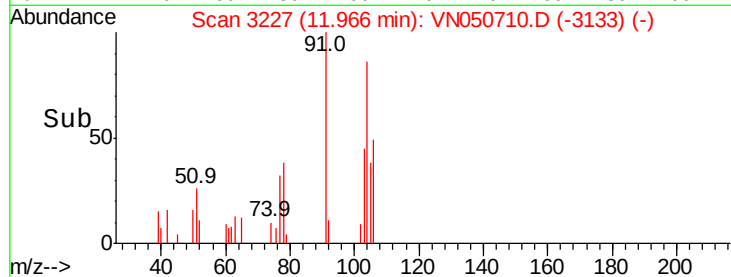
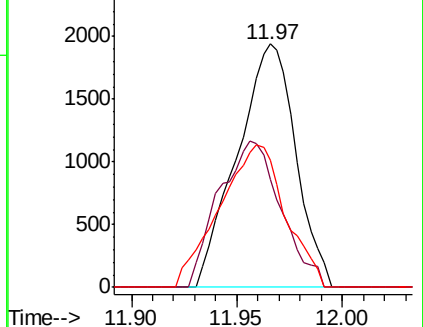
103 66.1 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.645 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

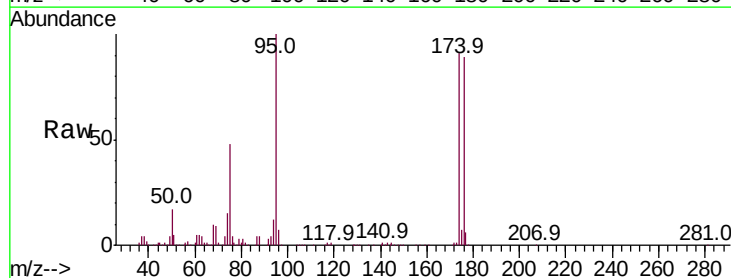
Tgt Ion:173 Resp: 3474

Ion Ratio Lower Upper

173 100

175 598.1 24.4 73.2#

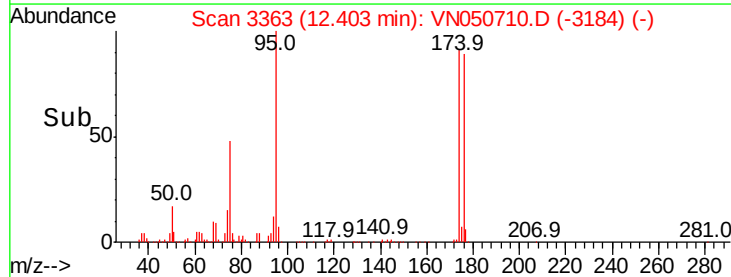
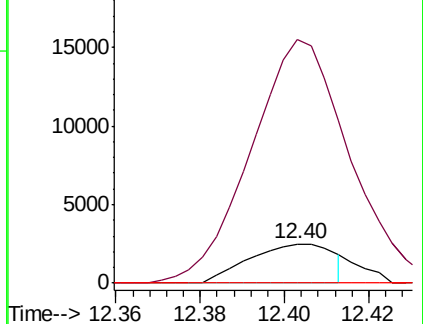
254 0.0 0.0 0.0

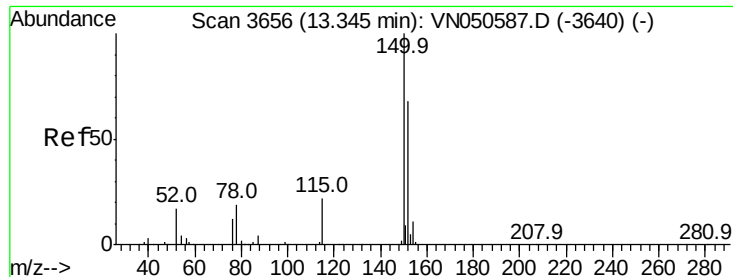


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :

MSVOA_N

ClientSampled :

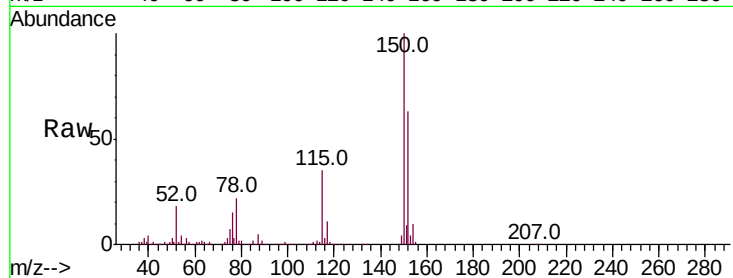
Tot Ion:152 Resp: 310773

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

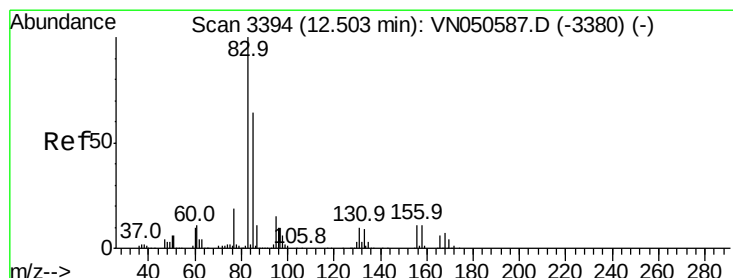
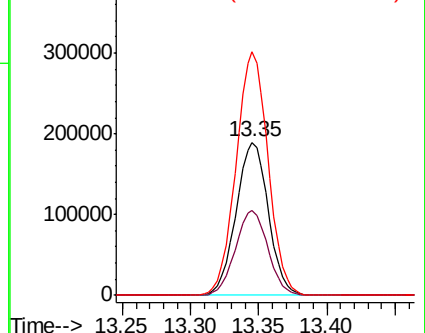
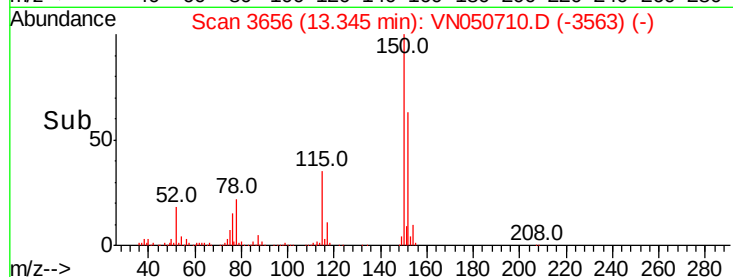
150 157.9 0.0 347.8



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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3365

Delta R.T. -0.09 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

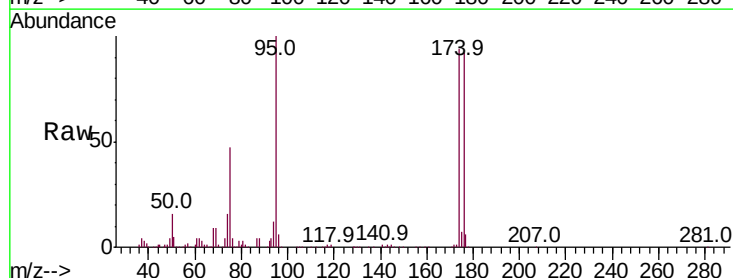
Tgt Ion: 83 Resp: 252

Ion Ratio Lower Upper

83 100

131 98.0 5.3 15.9#

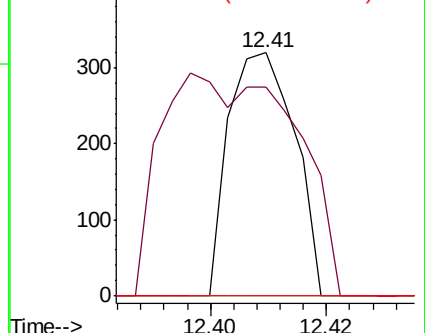
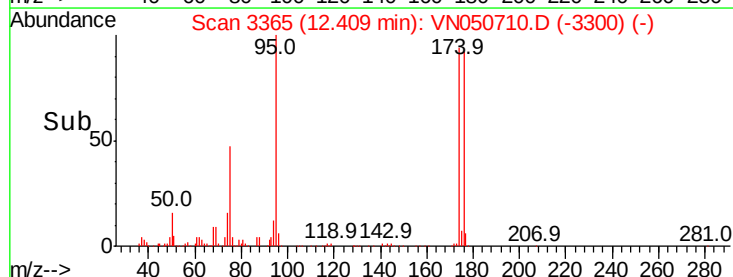
85 0.0 32.1 96.5#

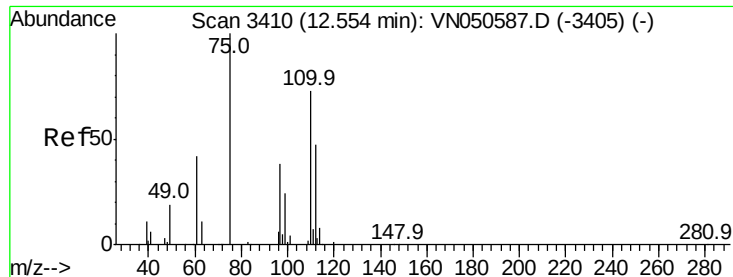


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 35.345 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :

MSVOA_N

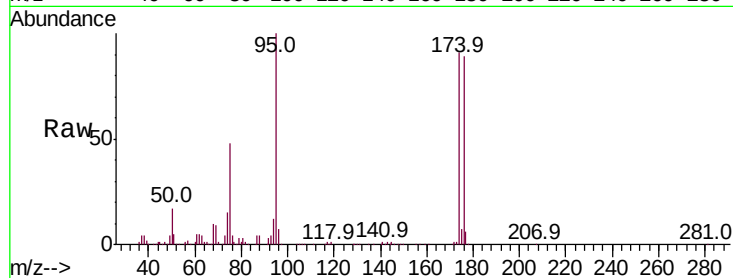
ClientSampled :

Tot Ion: 75 Resp: 178982

Ion Ratio Lower Upper

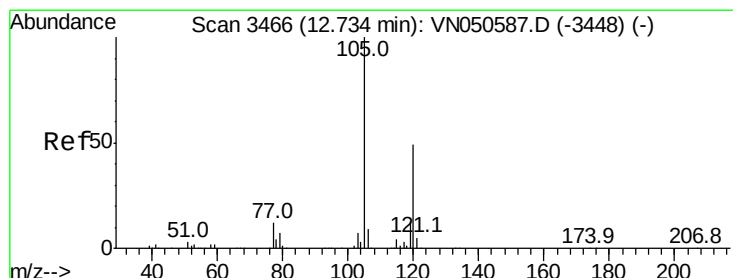
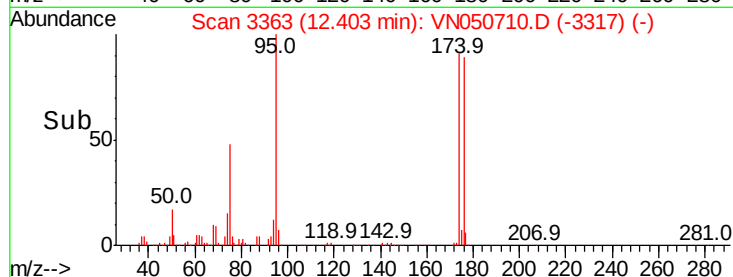
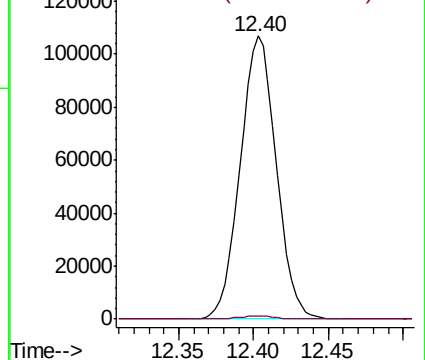
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN050710.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN050710.D (-3317) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.334 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050710.D

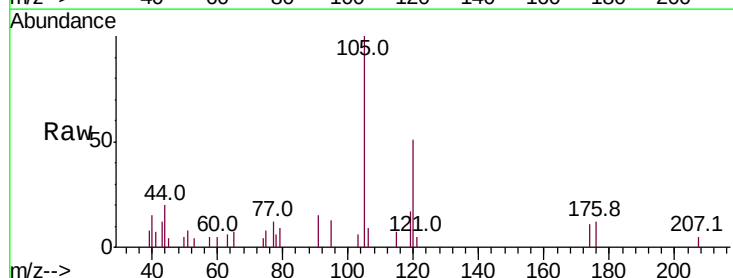
Acq: 16 Aug 2018 18:50

Tgt Ion: 105 Resp: 6486

Ion Ratio Lower Upper

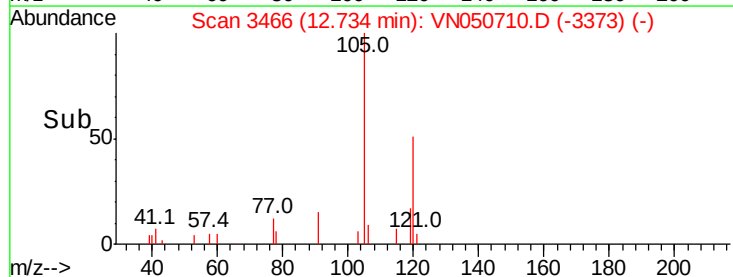
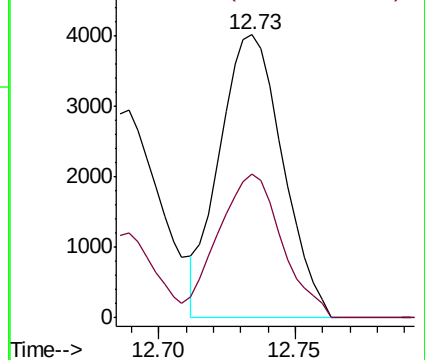
105 100

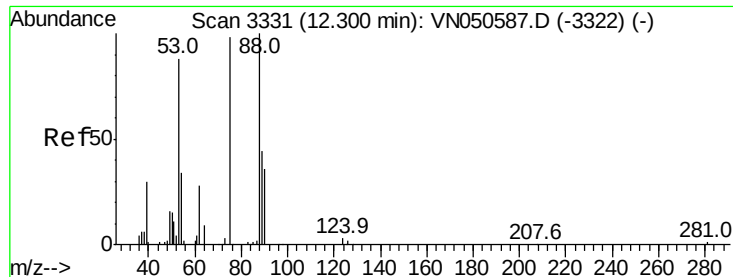
120 51.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN050710.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN050710.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 128.040 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :

MSVOA_N

ClientSampled :

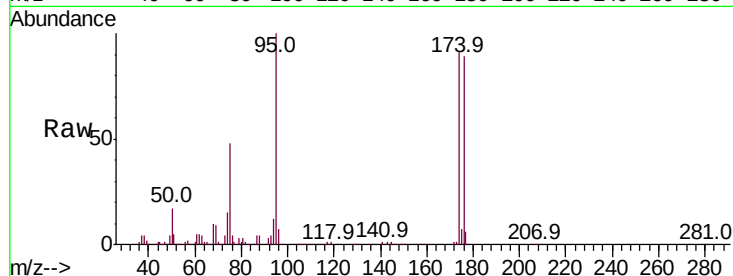
Tot Ion: 75 Resp: 178982

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.2#

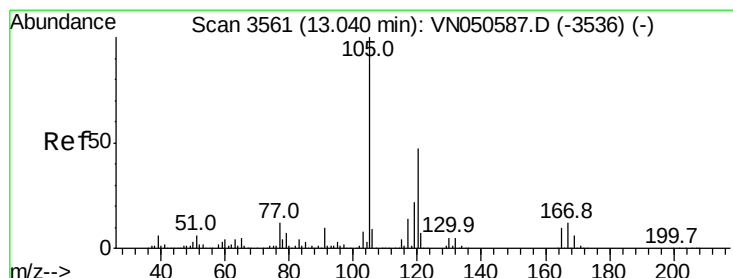
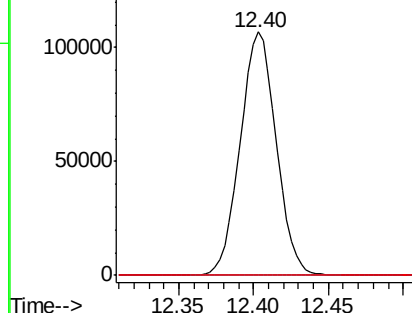
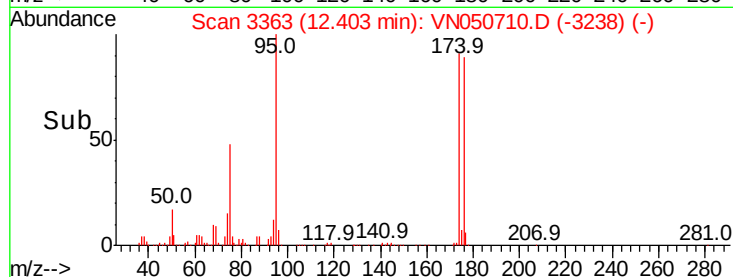
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.925 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN050710.D

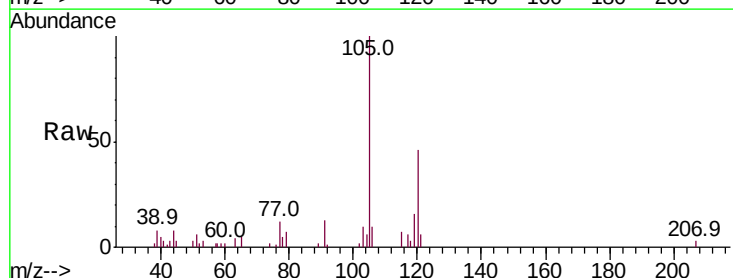
Acq: 16 Aug 2018 18:50

Tgt Ion: 105 Resp: 18043

Ion Ratio Lower Upper

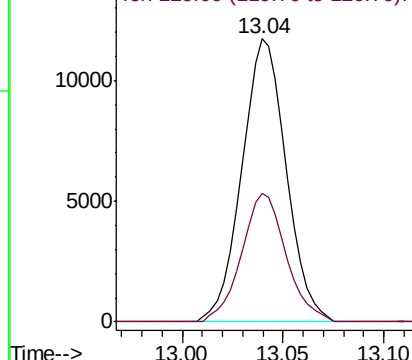
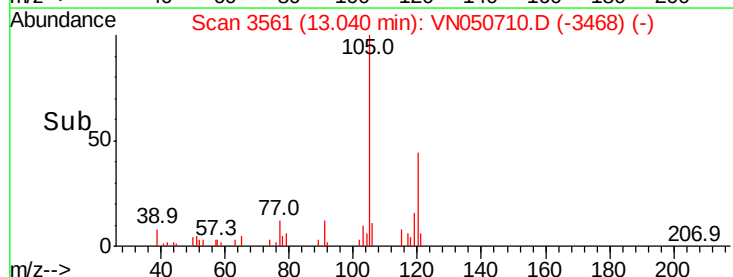
105 100

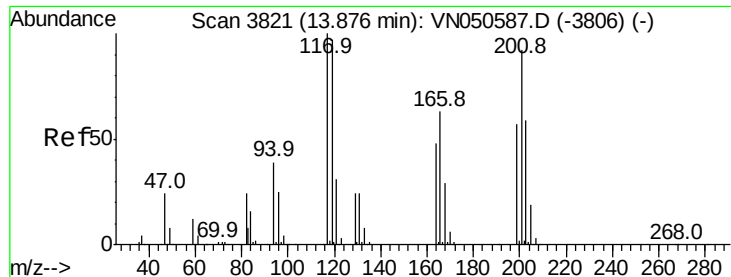
120 45.6 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.219 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

Instrument :

MSVOA_N

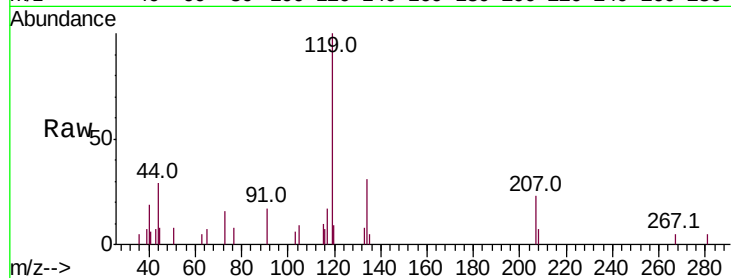
ClientSampled :

Tot Ion:117 Resp: 824

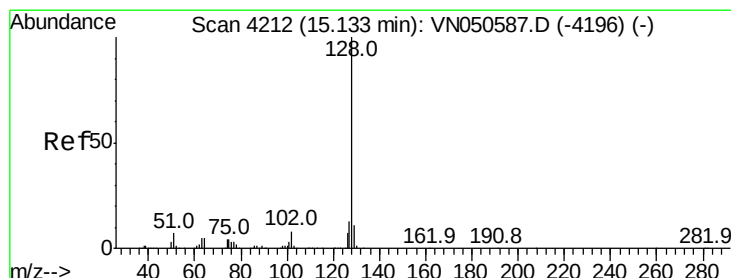
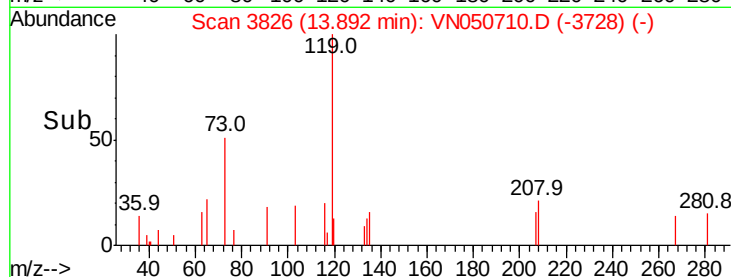
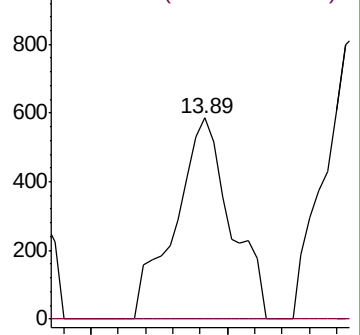
Ion Ratio Lower Upper

117 100

201 0.0 45.5 136.5#



Abundance Ion 116.80 (116.50 to 117.50): V



#95

Naphthalene

Concen: 8.810 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050710.D

Acq: 16 Aug 2018 18:50

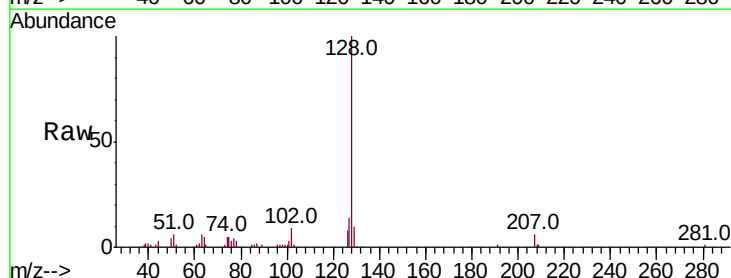
Tgt Ion:128 Resp: 64105

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 10.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

