

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053889.D
 Acq On : 21 Feb 2019 13:50
 Operator : JC/SP
 Sample : K1546-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200036

Quant Time: Feb 22 00:36:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	986464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	372610	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	331390	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
35) Dibromofluoromethane	7.59	113	337597	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
50) Toluene-d8	10.09	98	1282553	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.40	95	410133	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	

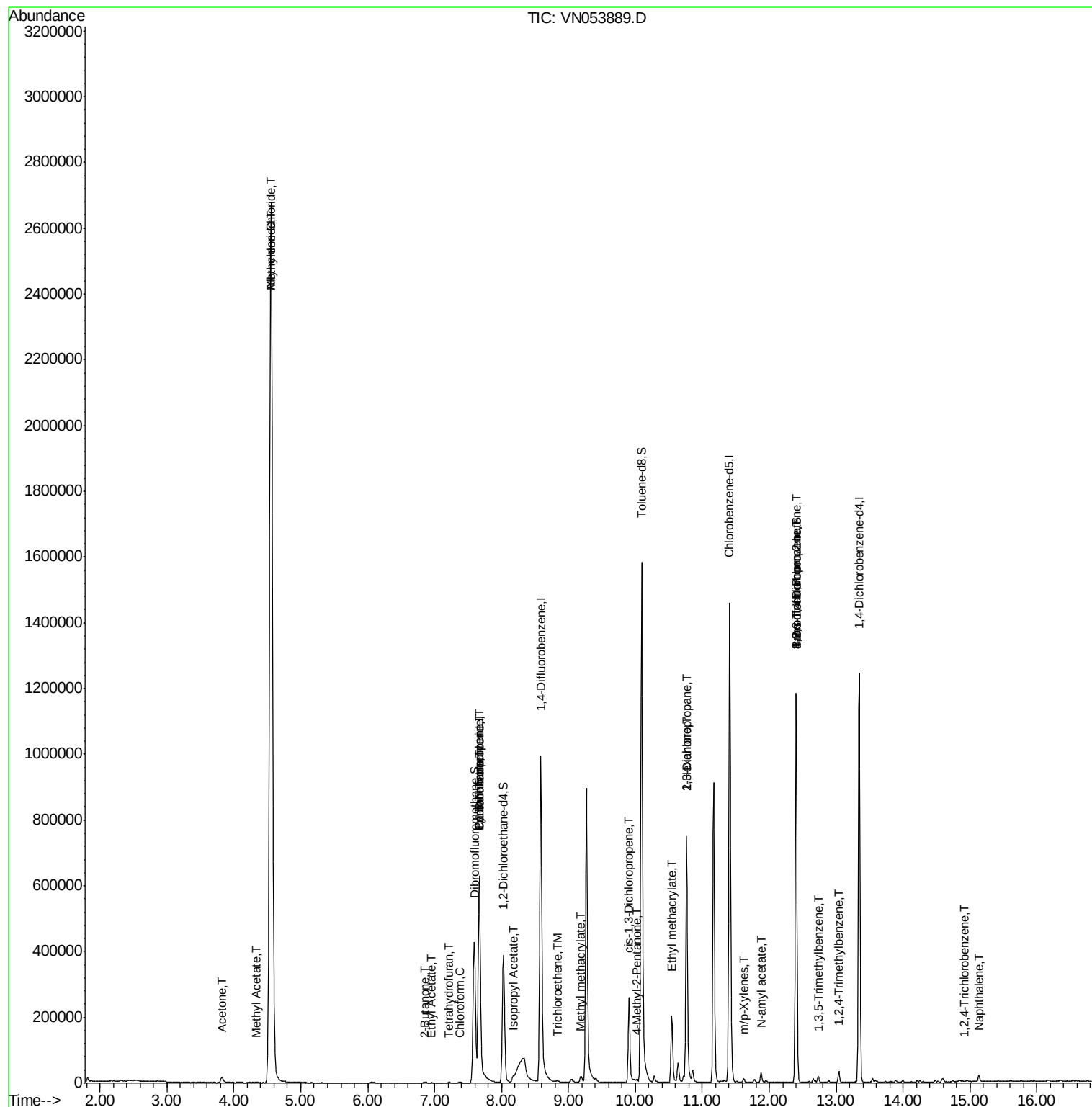
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	76283	8.727	ug/l #	27
16) Acetone	3.82	43	30204	17.267	ug/l	92
18) Methyl Acetate	4.33	43	2286	0.554	ug/l #	58
20) Methylene Chloride	4.55	84	2184123	333.515	ug/l	99
25) 2-Butanone	6.84	43	944	0.418	ug/l	93
29) Tetrahydrofuran	7.22	42	772	0.529	ug/l #	49
30) Chloroform	7.37	83	2552	0.230	ug/l	98
31) Cyclohexane	7.67	56	8535	0.310	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	37698	3.932	ug/l #	48
37) Ethyl Acetate	6.94	43	297	0.270	ug/l #	67
38) Carbon Tetrachloride	7.67	117	50750	5.299	ug/l #	16
41) Methacrylonitrile	7.20	41	130	Below Cal	#	100
43) Isopropyl Acetate	8.18	43	25679	2.511	ug/l #	89
44) Trichloroethene	8.84	130	1840	0.232	ug/l	94
48) Methyl methacrylate	9.18	41	6678	1.523	ug/l #	12
51) 4-Methyl-2-Pentanone	10.03	43	6407	7.709	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	53188	5.056	ug/l #	63
56) Ethyl methacrylate	10.54	69	1205	2.611	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7954	0.769	ug/l #	43
59) 2-Hexanone	10.76	43	113118	35.254	ug/l #	49
68) m/p-Xylenes	11.62	106	3750	0.290	ug/l	91
71) Bromoform	12.40	173	2845	0.532	ug/l #	1
74) N-amyl acetate	11.88	43	10218	1.695	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	188622	34.483	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9979	0.458	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	188622	113.840	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	20968	0.959	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	168	2.948	ug/l #	1
95) Naphthalene	15.13	128	17593	5.692	ug/l	98

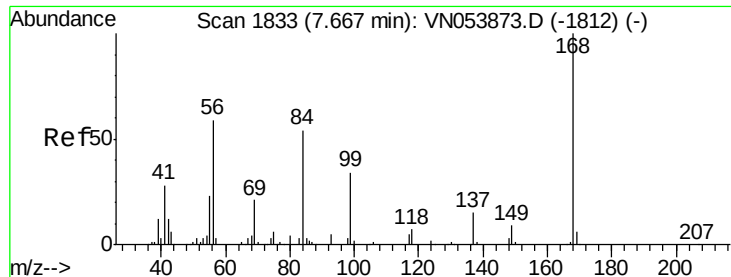
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

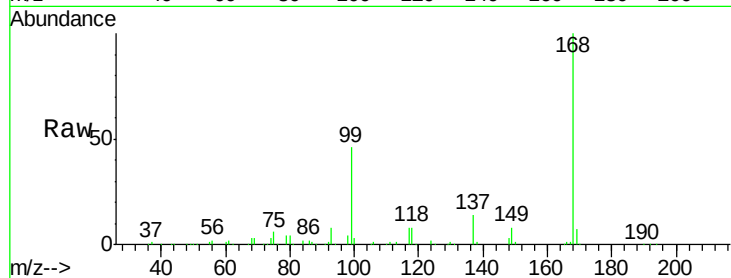
RBR-200036

Tot Ion:168 Resp: 622352

Ion Ratio Lower Upper

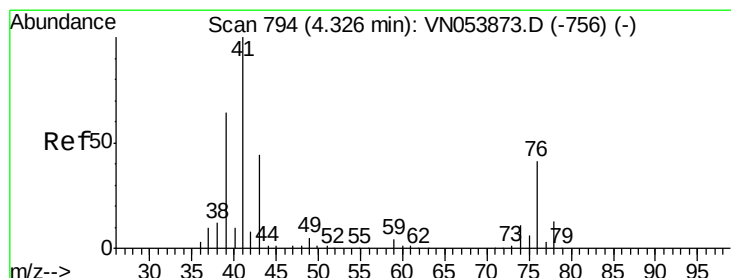
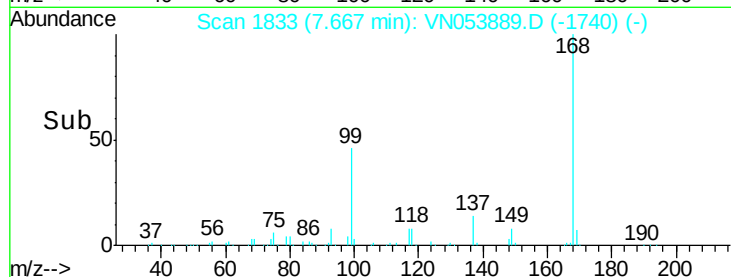
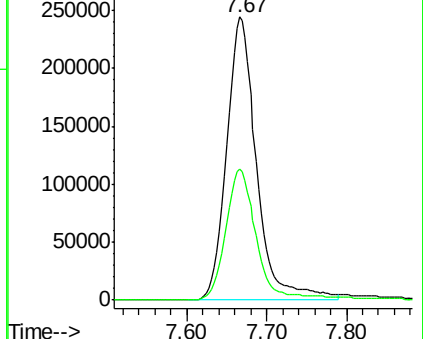
168 100

99 46.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 8.727 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

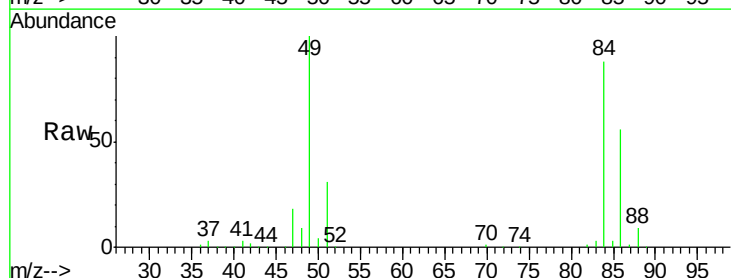
Tgt Ion: 41 Resp: 76283

Ion Ratio Lower Upper

41 100

39 0.4 48.8 73.2#

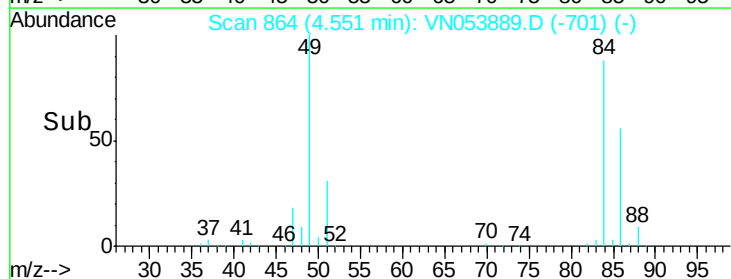
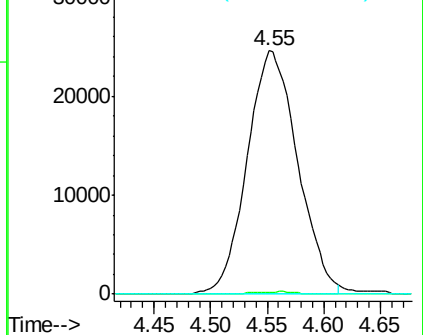
76 0.0 30.9 46.3#

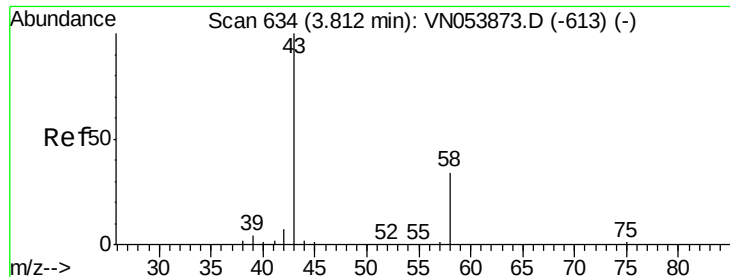


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 17.267 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

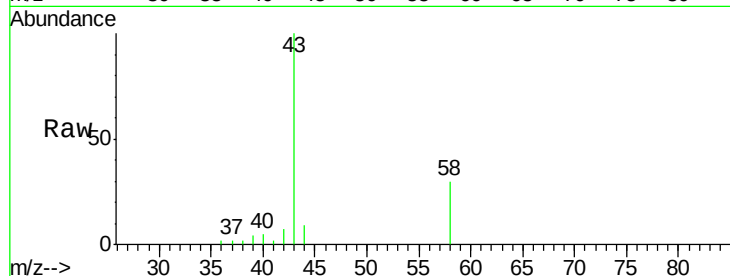
RBR-200036

Tot Ion: 43 Resp: 30204

Ion Ratio Lower Upper

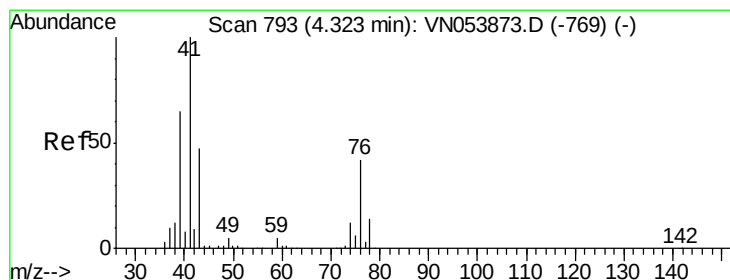
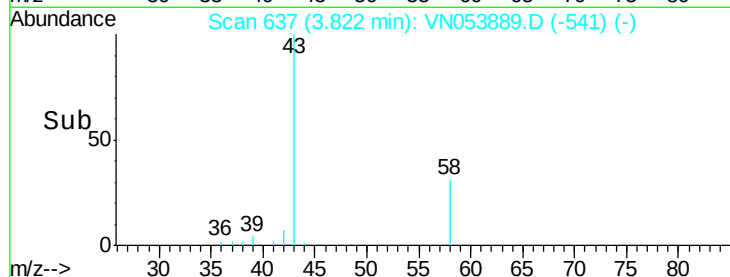
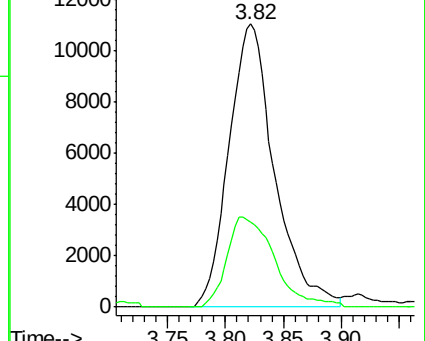
43 100

58 30.0 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.554 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053889.D

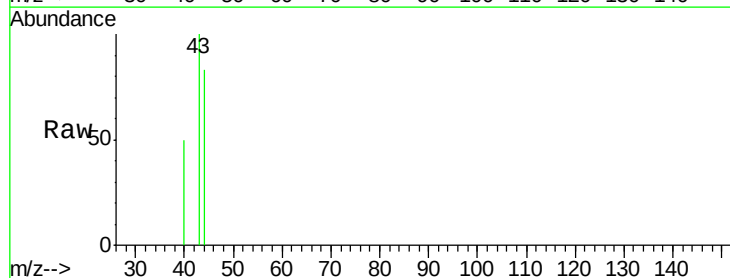
Acq: 21 Feb 2019 13:50

Tgt Ion: 43 Resp: 2286

Ion Ratio Lower Upper

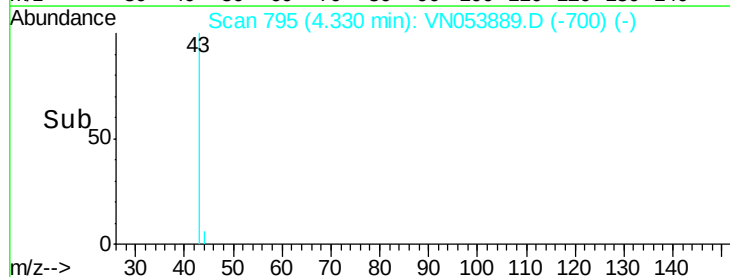
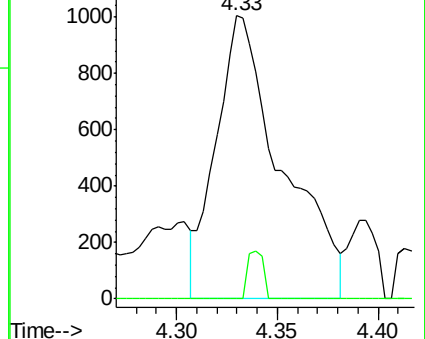
43 100

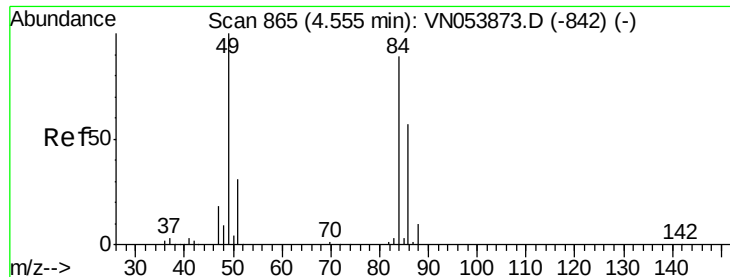
74 4.1 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



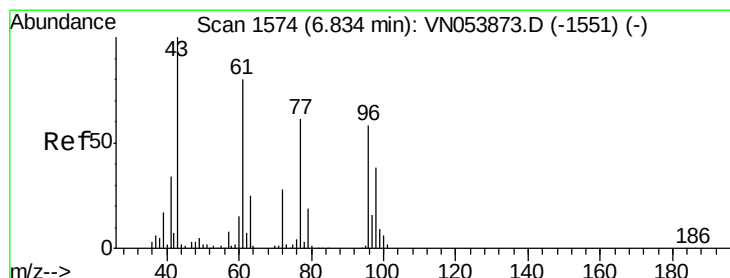
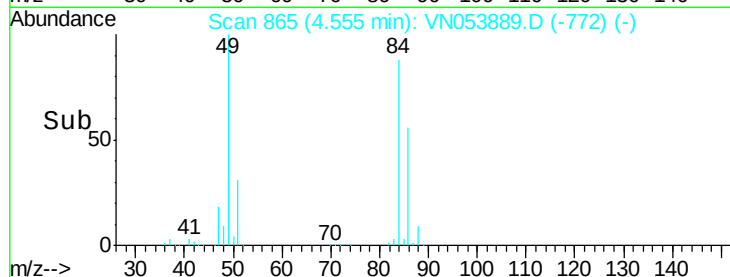
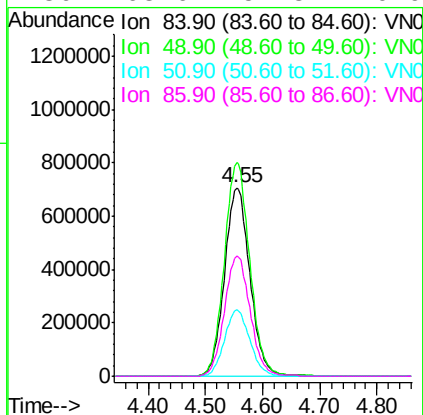
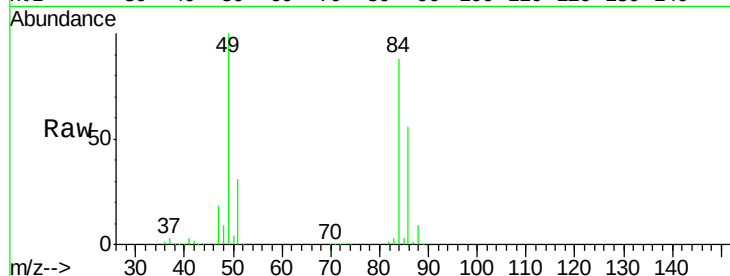


#20
Methvlene Chloride
Concen: 333.515 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053889.D
Acq: 21 Feb 2019 13:50

Instrument :
MSVOA_N
ClientSampleId :
RBR-200036

Tot Ion: 84 Resp: 2184123

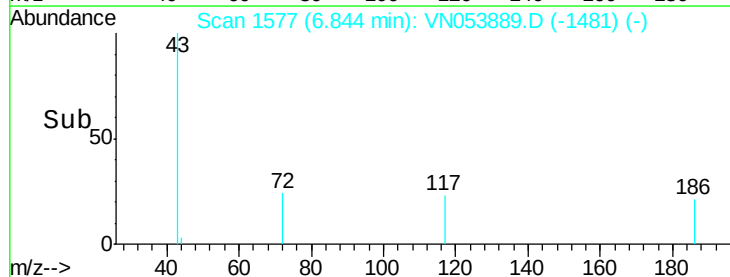
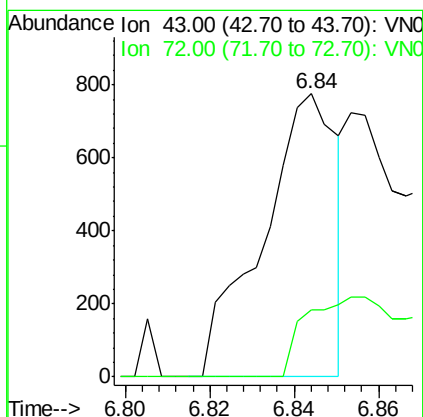
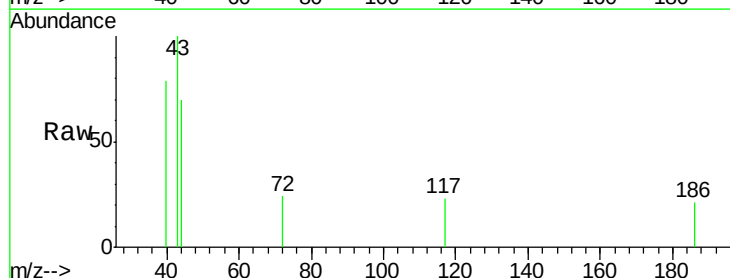
Ion	Ratio	Lower	Upper
84	100		
49	113.1	89.7	134.5
51	35.0	27.8	41.8
86	63.6	51.3	76.9

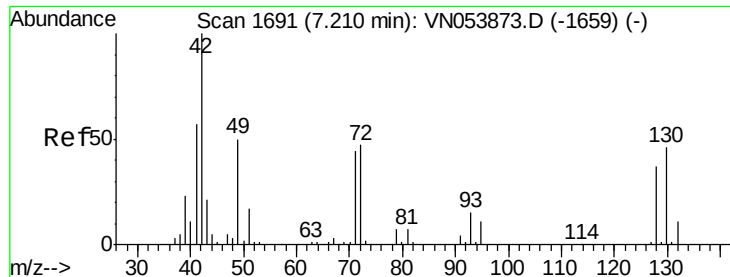


#25
2-Butanone
Concen: 0.418 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053889.D
Acq: 21 Feb 2019 13:50

Tgt Ion: 43 Resp: 944

Ion	Ratio	Lower	Upper
43	100		
72	23.7	22.1	33.1





#29

Tetrahydrofuran

Concen: 0.529 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

RBR-200036

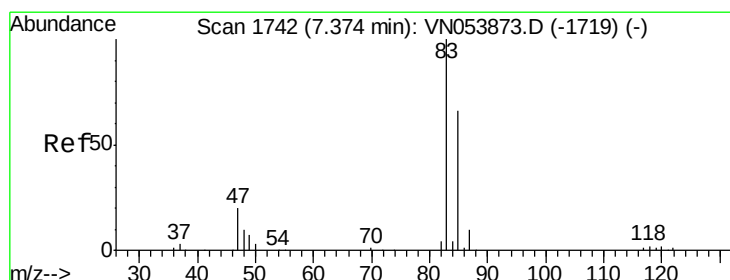
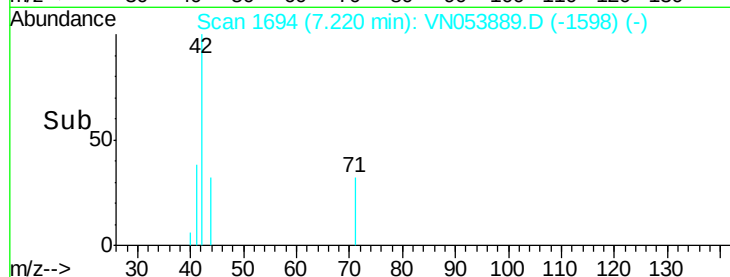
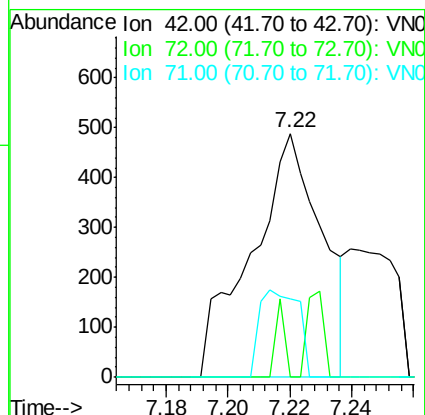
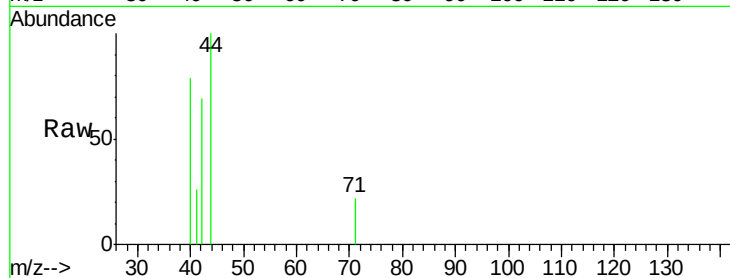
Tot Ion: 42 Resp: 772

Ion Ratio Lower Upper

42 100

72 3.9 36.9 55.3#

71 19.9 34.6 52.0#



#30

Chloroform

Concen: 0.230 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN053889.D

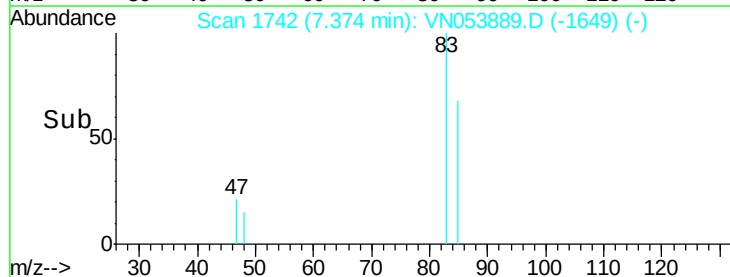
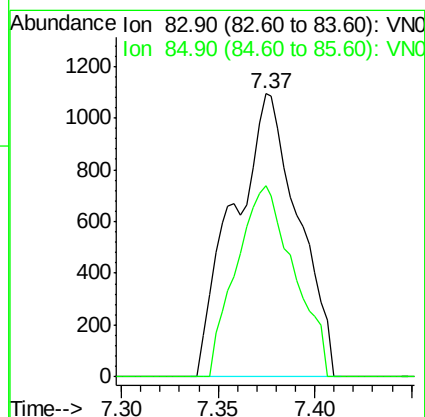
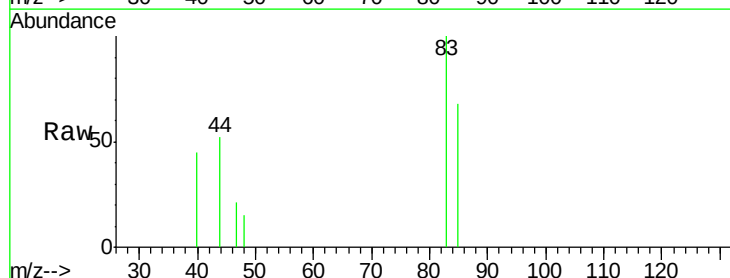
Acq: 21 Feb 2019 13:50

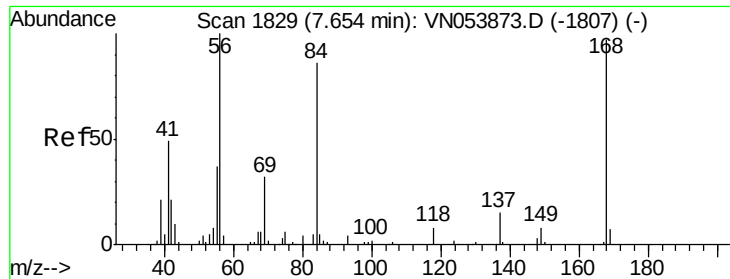
Tgt Ion: 83 Resp: 2552

Ion Ratio Lower Upper

83 100

85 67.6 52.6 78.8





#31

Cyclohexane

Concen: 0.310 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

RBR-200036

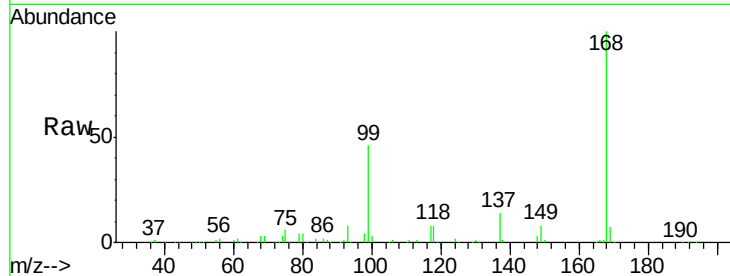
Tot Ion: 56 Resp: 8535

Ion Ratio Lower Upper

56 100

69 173.4 26.0 39.0#

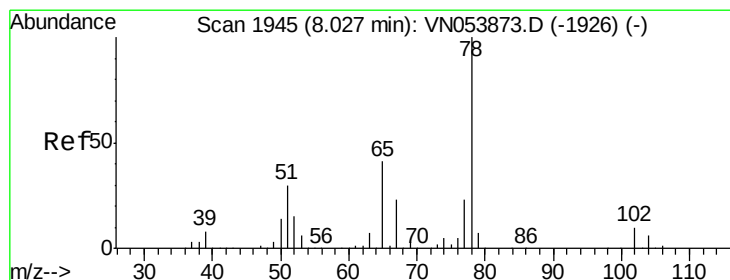
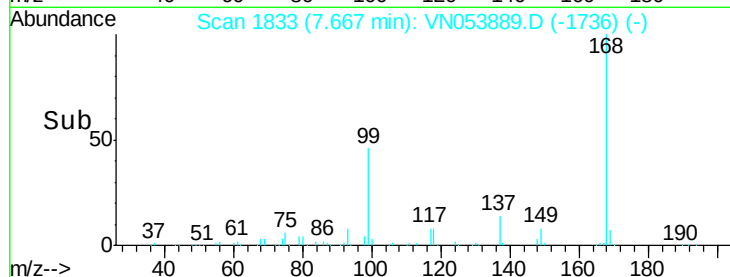
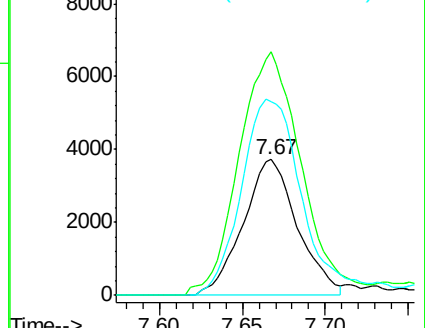
84 142.7 69.1 103.7#



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: 52.103 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053889.D

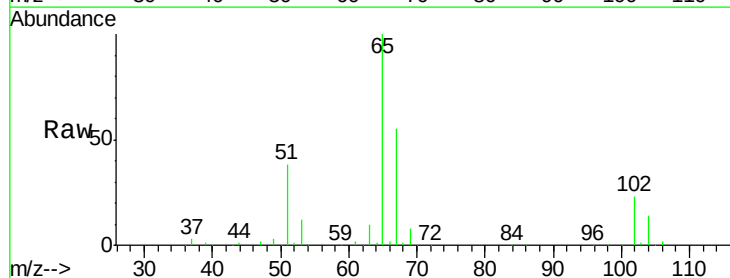
Acq: 21 Feb 2019 13:50

Tgt Ion: 65 Resp: 331390

Ion Ratio Lower Upper

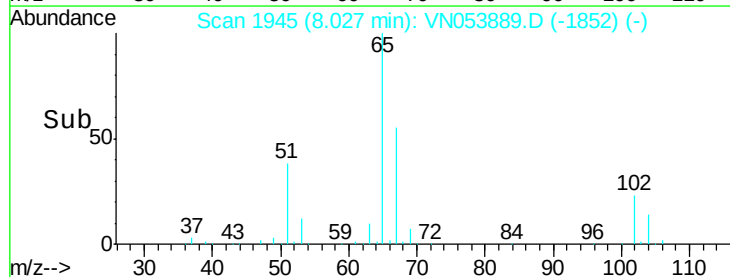
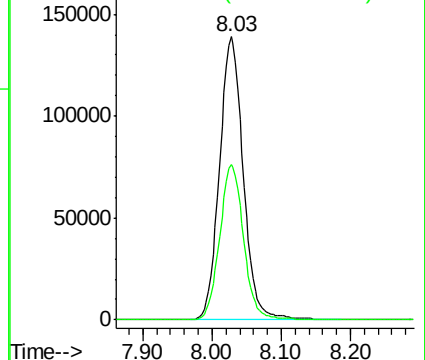
65 100

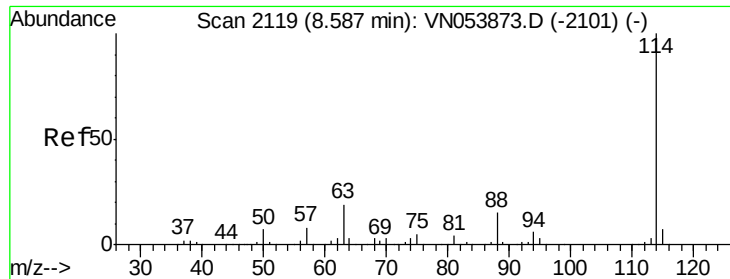
67 55.1 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

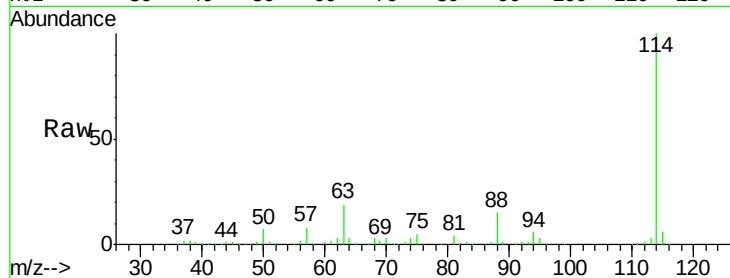




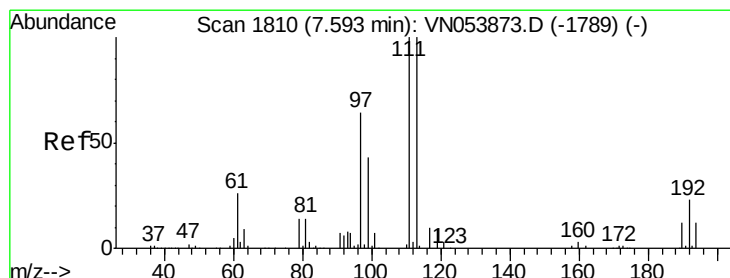
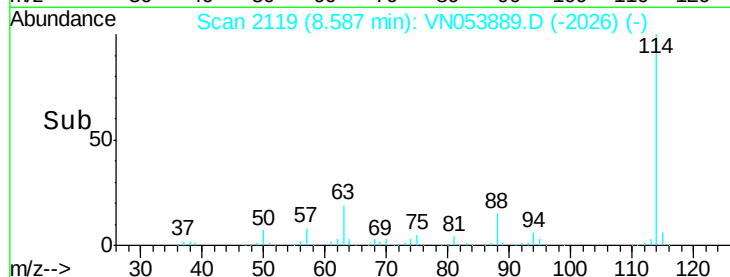
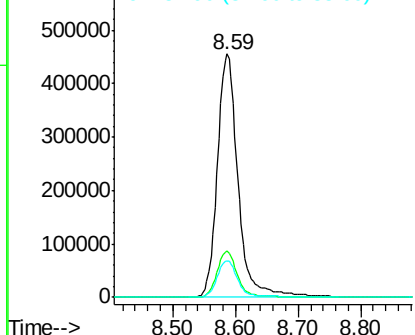
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053889.D
 Acq: 21 Feb 2019 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200036

Tot Ion:114 Resp: 1046031
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.4
 88 15.1 0.0 30.4

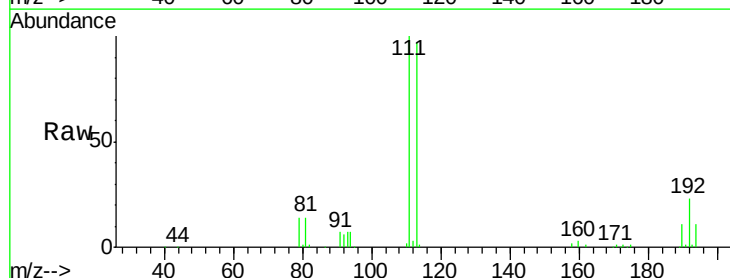


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

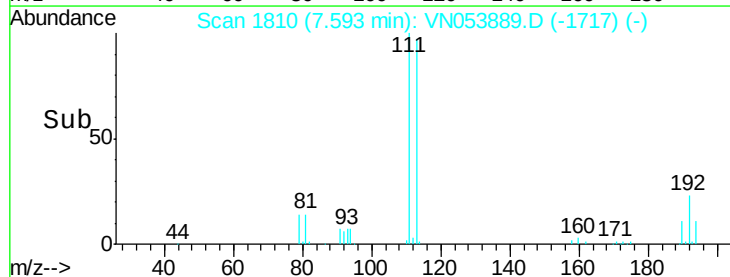
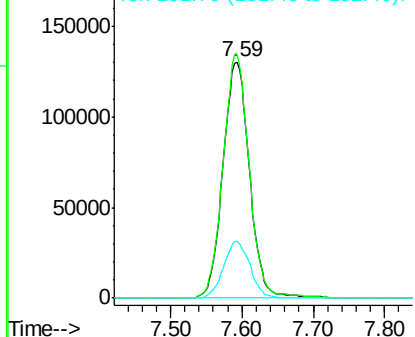


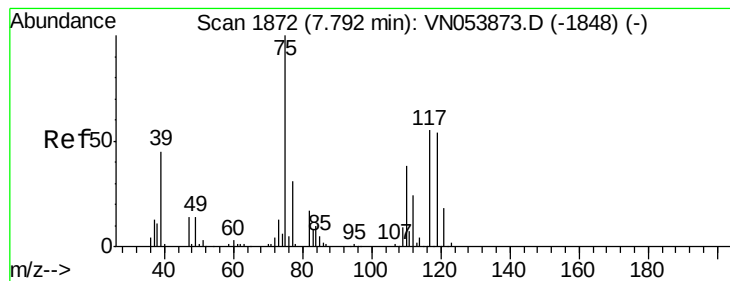
#35
 Dibromofluoromethane
 Concen: 49.177 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053889.D
 Acq: 21 Feb 2019 13:50

Tgt Ion:113 Resp: 337597
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.1 121.7
 192 24.0 18.8 28.2



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: 3.932 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

RBR-200036

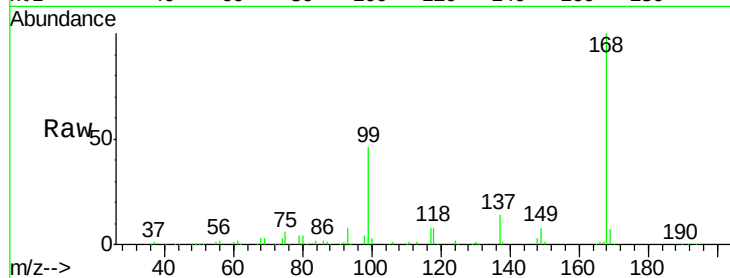
Tot Ion: 75 Resp: 37698

Ion Ratio Lower Upper

75 100

110 9.2 19.0 57.0#

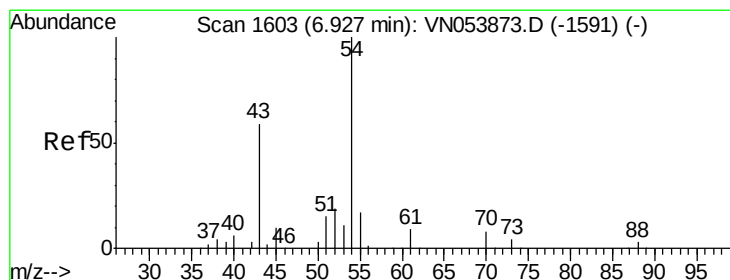
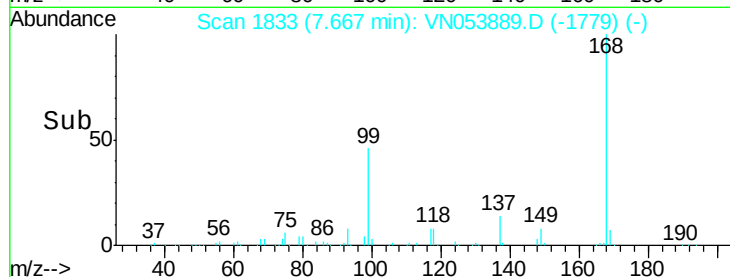
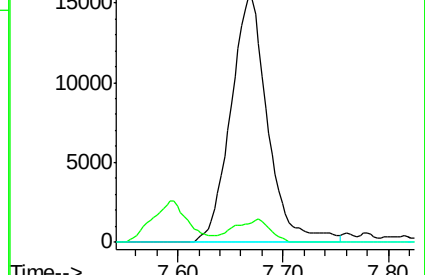
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.270 ug/l

RT: 6.94 min Scan# 1608

Delta R.T. 0.02 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

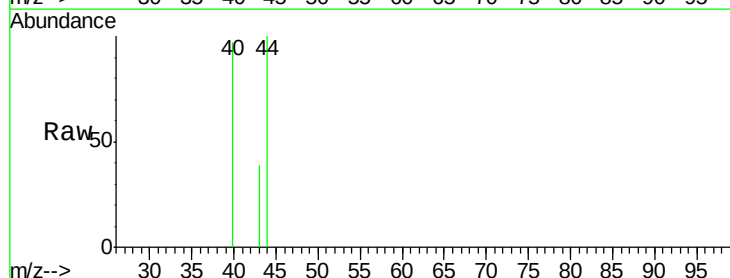
Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

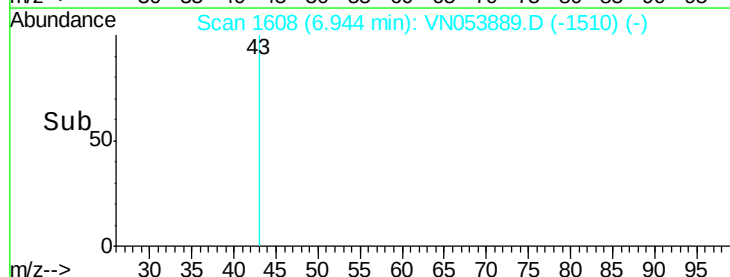
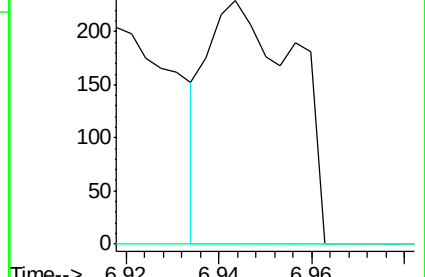
70 0.0 8.7 13.1#

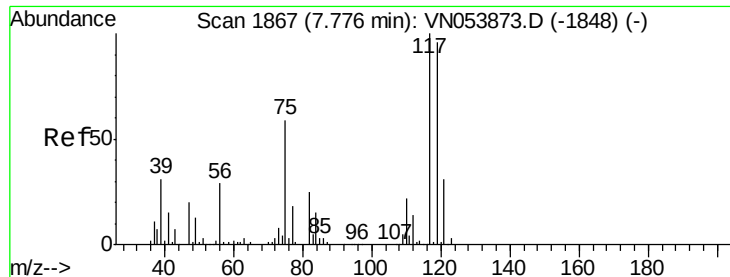


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0

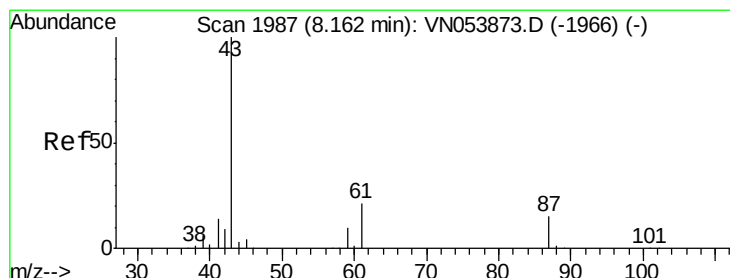
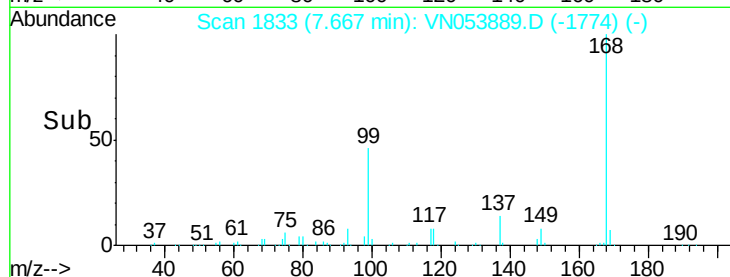
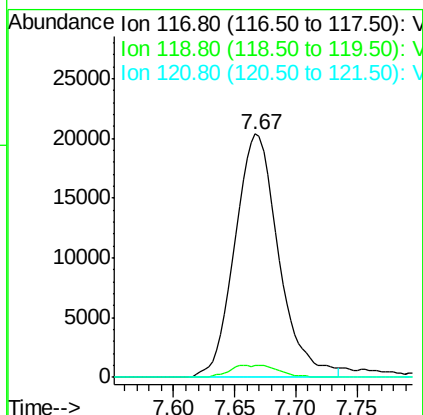
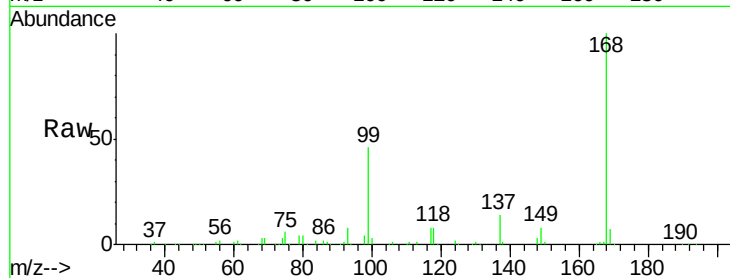




#38
Carbon Tetrachloride
Concen: 5.299 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053889.D
Acq: 21 Feb 2019 13:50

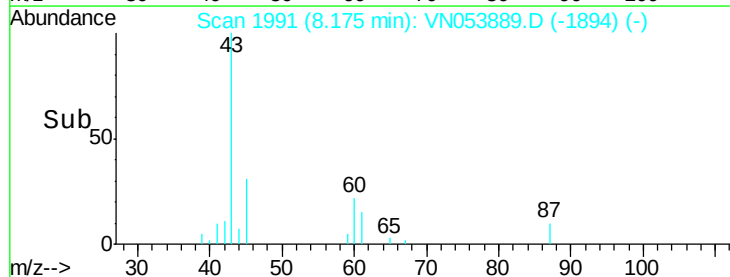
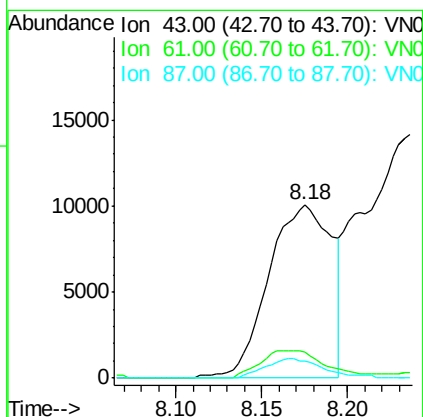
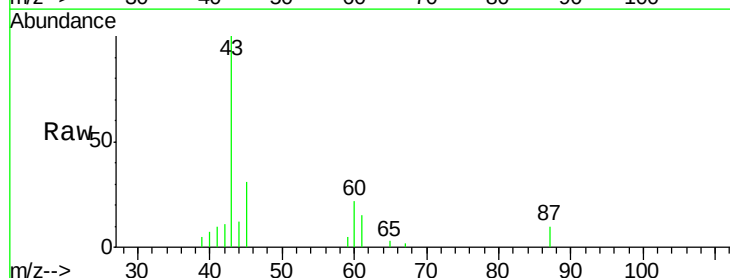
Instrument :
MSVOA_N
ClientSampled :
RBR-200036

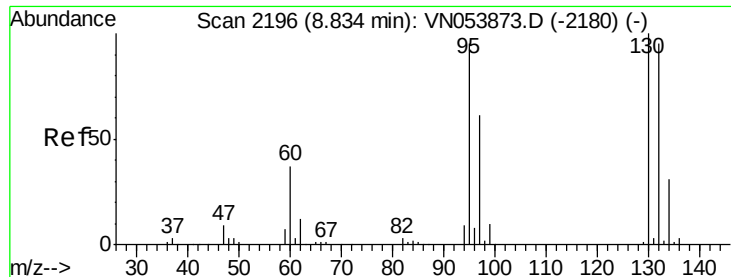
Tot Ion:117 Resp: 50750
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 2.511 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN053889.D
Acq: 21 Feb 2019 13:50

Tgt Ion: 43 Resp: 25679
Ion Ratio Lower Upper
43 100
61 16.1 17.4 26.0#
87 10.0 11.5 17.3#





#44

Trichloroethene

Concen: 0.232 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

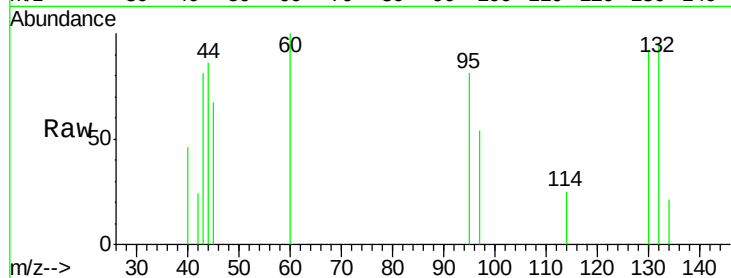
RBR-200036

Tot Ion:130 Resp: 1840

Ion Ratio Lower Upper

130 100

95 88.9 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

8.85

8.86

8.87

8.88

8.89

8.90

8.91

8.92

8.93

8.94

8.95

8.96

8.97

8.98

8.99

9.00

9.01

9.02

9.03

9.04

9.05

9.06

9.07

9.08

9.09

9.10

9.11

9.12

9.13

9.14

9.15

9.16

9.17

9.18

9.19

9.20

9.21

9.22

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9.24

9.25

9.26

9.27

9.28

9.29

9.30

9.31

9.32

9.33

9.34

9.35

9.36

9.37

9.38

9.39

9.40

9.41

9.42

9.43

9.44

9.45

9.46

9.47

9.48

9.49

9.50

9.51

9.52

9.53

9.54

9.55

9.56

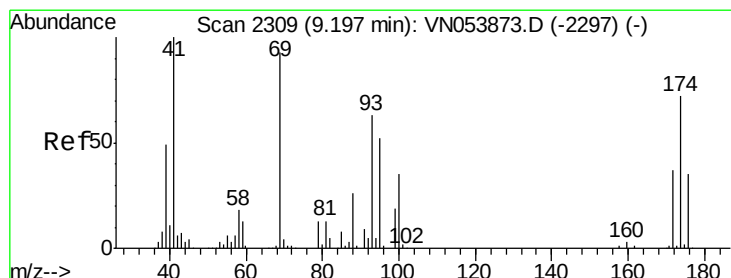
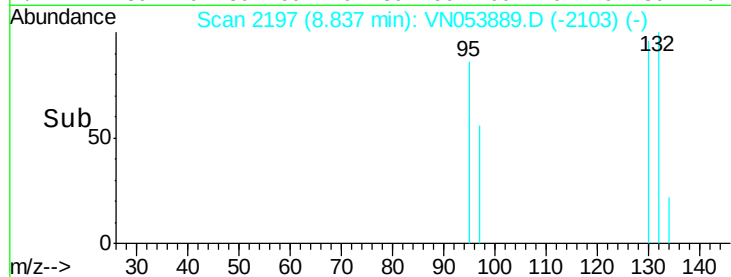
9.57

9.58

9.59

9.60

Time-->



#48

Methyl methacrylate

Concen: 1.523 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

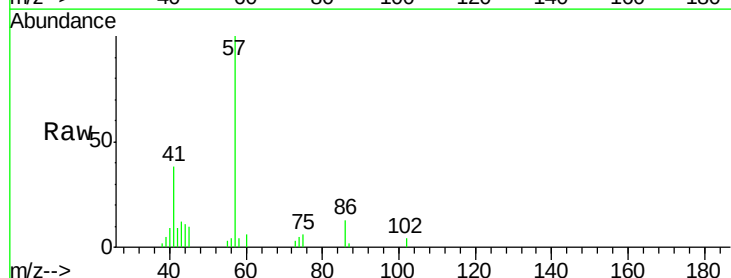
Tgt Ion: 41 Resp: 6678

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

39 0.0 39.0 58.6#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 39.00 (38.70 to 39.70): VN

9.18

9.19

9.20

9.21

9.22

9.23

9.24

9.25

9.26

9.27

9.28

9.29

9.30

9.31

9.32

9.33

9.34

9.35

9.36

9.37

9.38

9.39

9.40

9.41

9.42

9.43

9.44

9.45

9.46

9.47

9.48

9.49

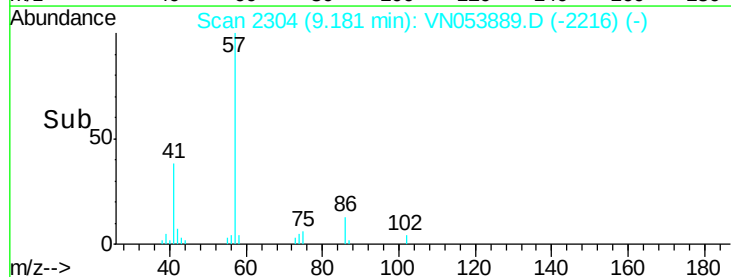
9.50

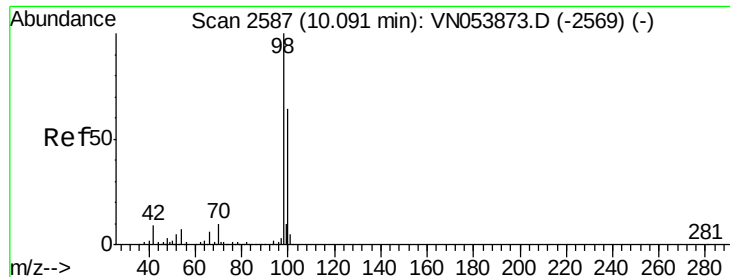
9.51

9.52

9.53

Time-->





#50

Toluene-d8

Concen: 51.728 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

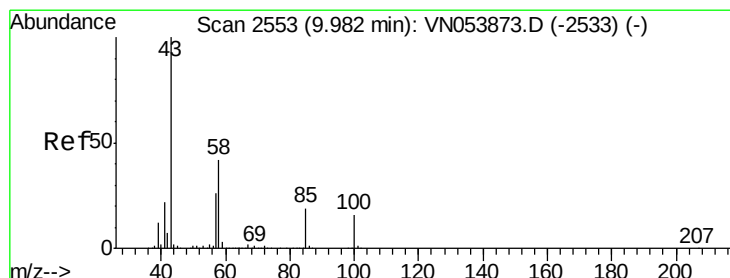
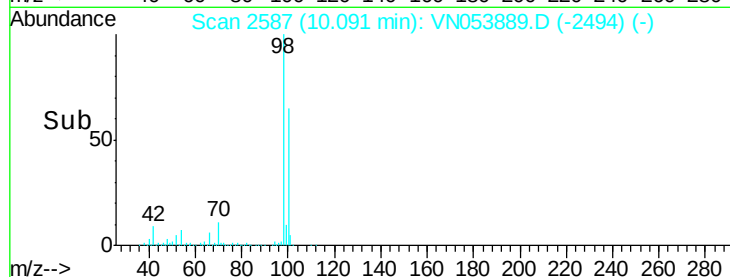
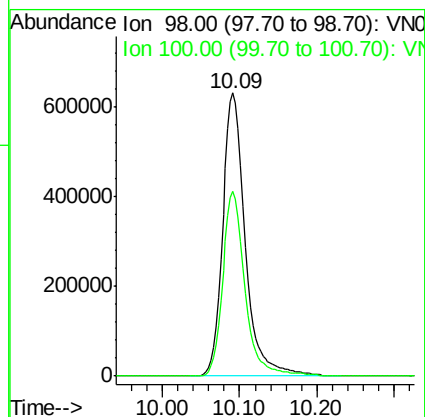
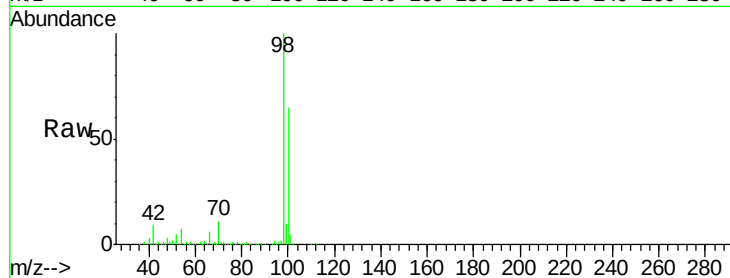
RBR-200036

Tot Ion: 98 Resp: 1282553

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 7.709 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.05 min

Lab File: VN053889.D

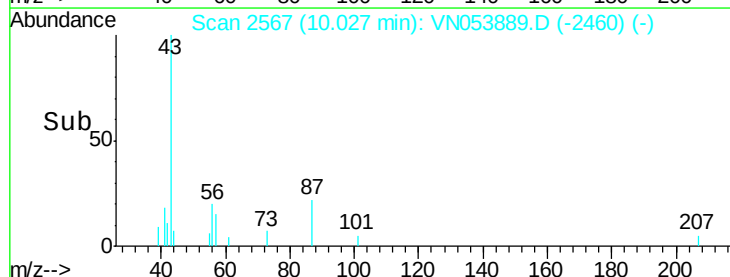
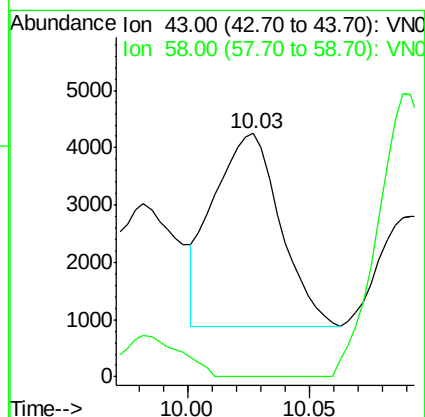
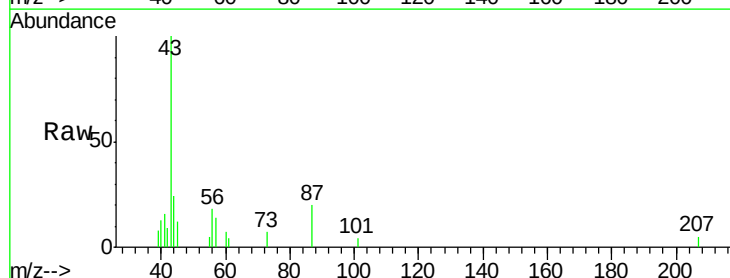
Acq: 21 Feb 2019 13:50

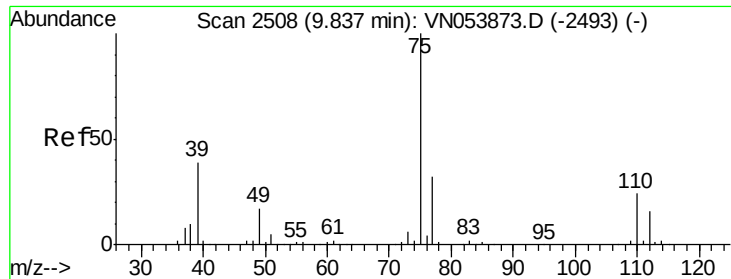
Tgt Ion: 43 Resp: 6407

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#





#54

cis-1,3-Dichloropropene

Concen: 5.056 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

RBR-200036

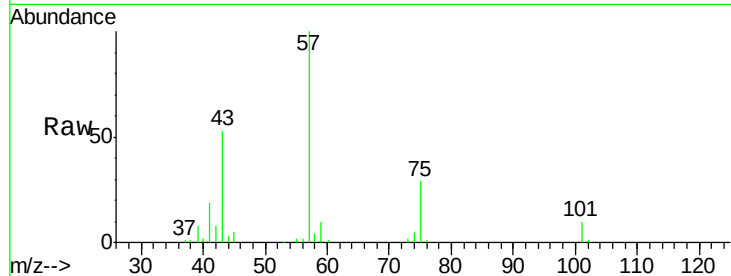
Tot Ion: 75 Resp: 53188

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

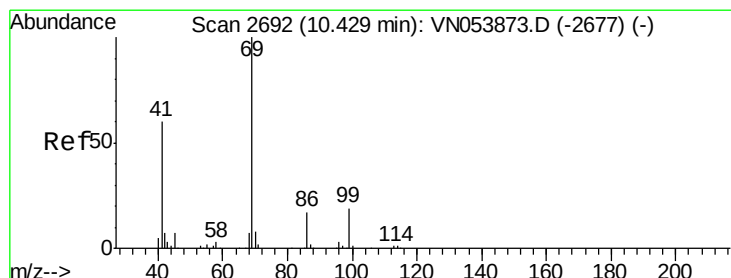
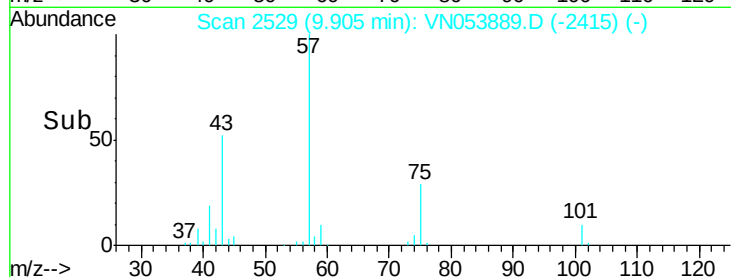
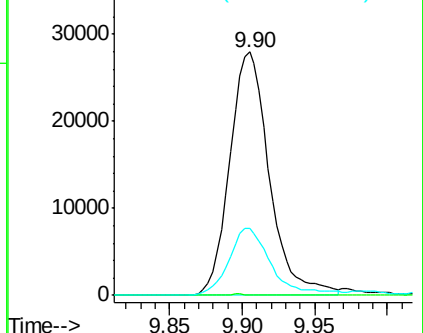
39 27.3 31.4 47.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 2.611 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.11 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

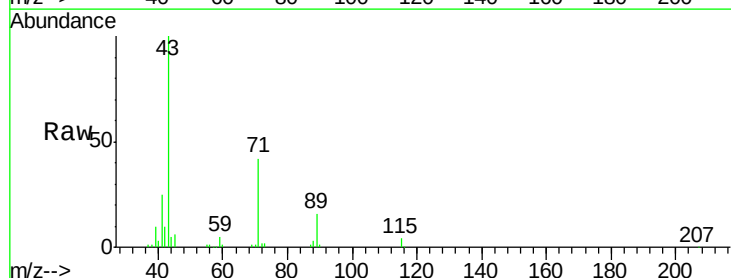
Tgt Ion: 69 Resp: 1205

Ion Ratio Lower Upper

69 100

41 3193.9 47.5 71.3#

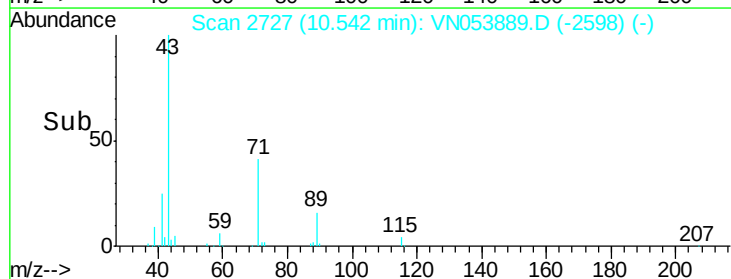
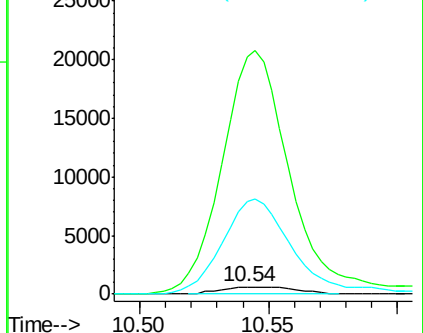
39 1284.4 23.4 35.0#

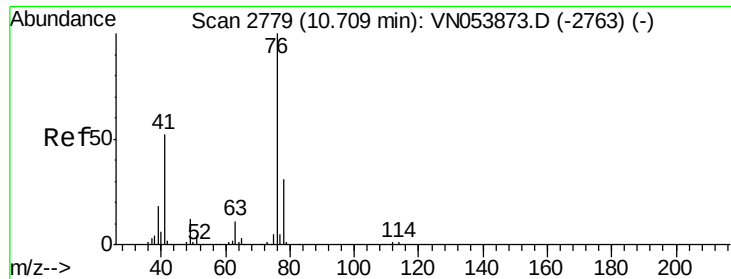


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.769 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

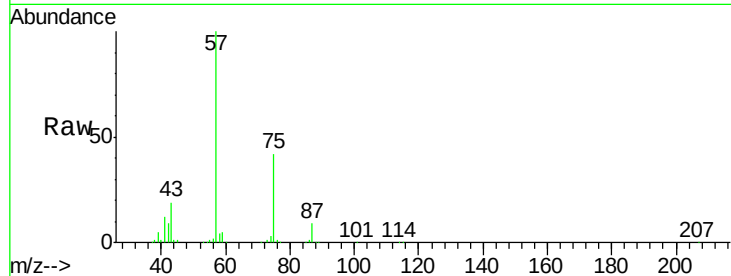
RBR-200036

Tot Ion: 76 Resp: 7954

Ion Ratio Lower Upper

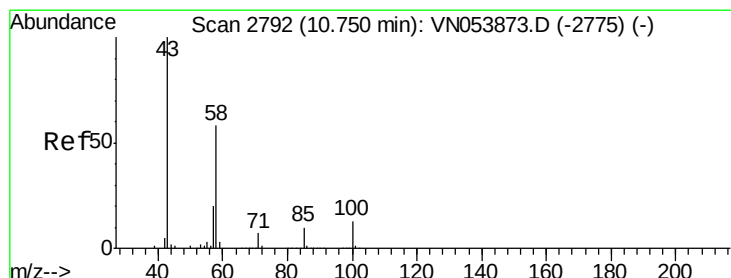
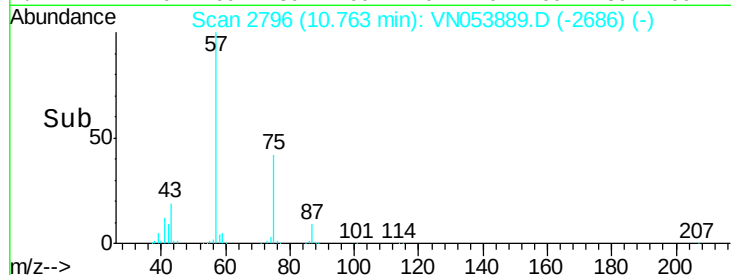
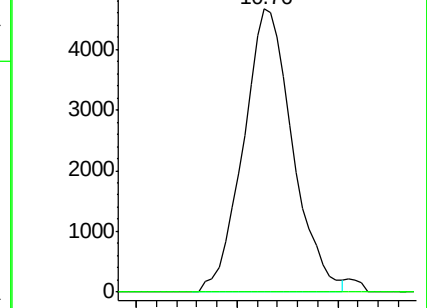
76 100

78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 35.254 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053889.D

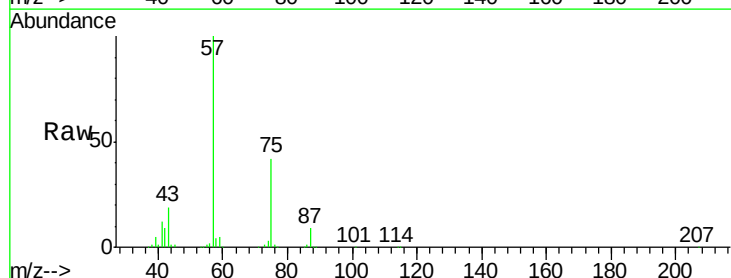
Acq: 21 Feb 2019 13:50

Tgt Ion: 43 Resp: 113118

Ion Ratio Lower Upper

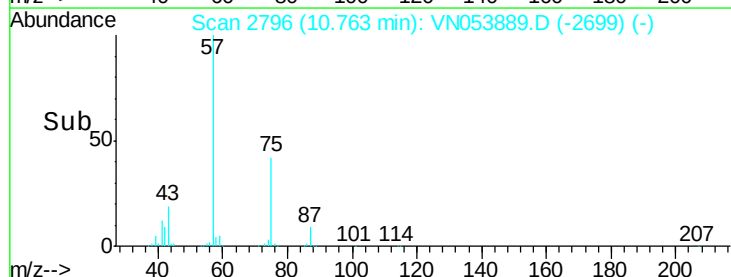
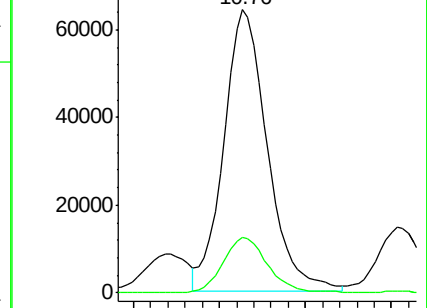
43 100

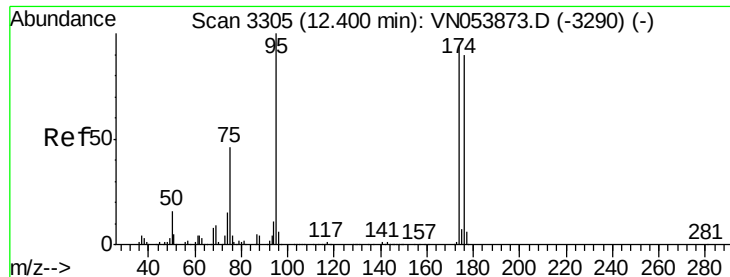
58 20.3 29.1 87.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.104 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

RBR-200036

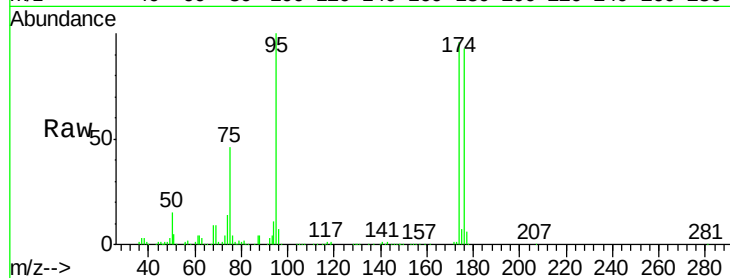
Tot Ion: 95 Resp: 410133

Ion Ratio Lower Upper

95 100

174 96.4 0.0 188.8

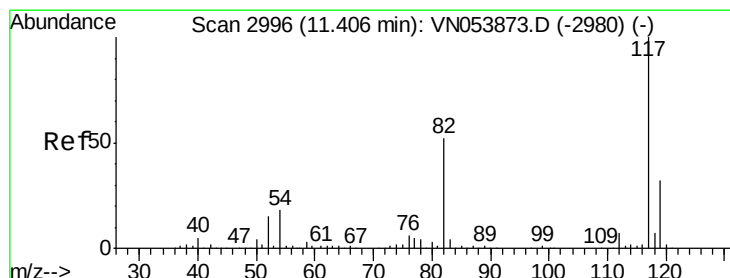
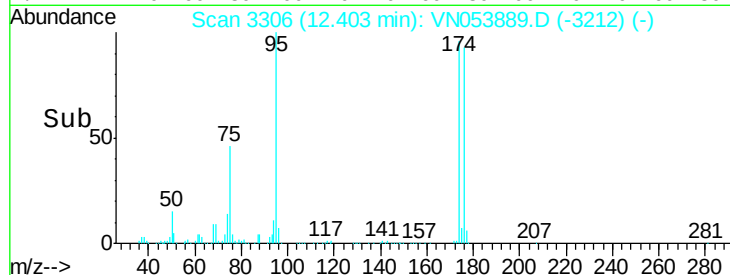
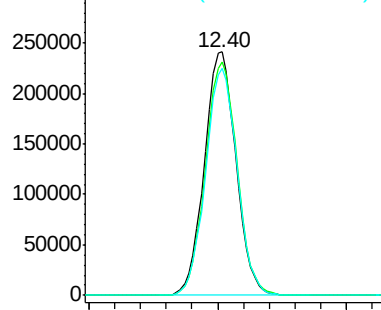
176 93.2 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

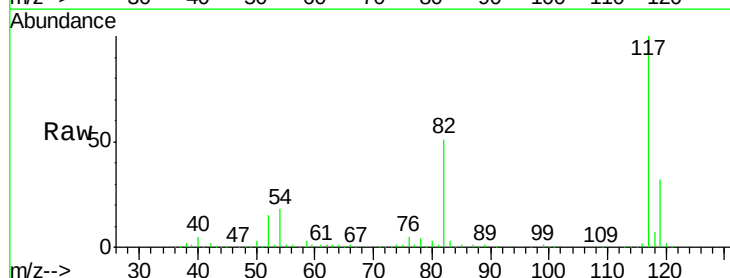
Tgt Ion: 117 Resp: 986464

Ion Ratio Lower Upper

117 100

82 51.5 41.4 62.2

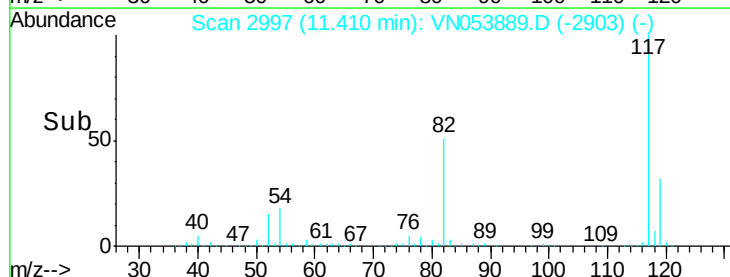
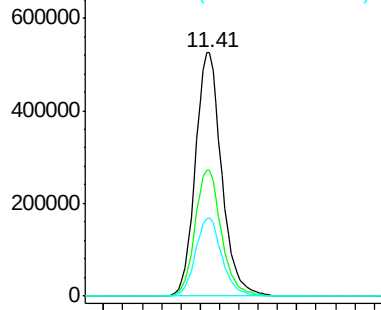
119 32.1 25.3 37.9

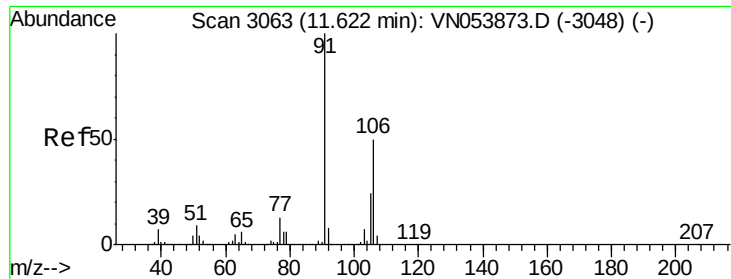


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

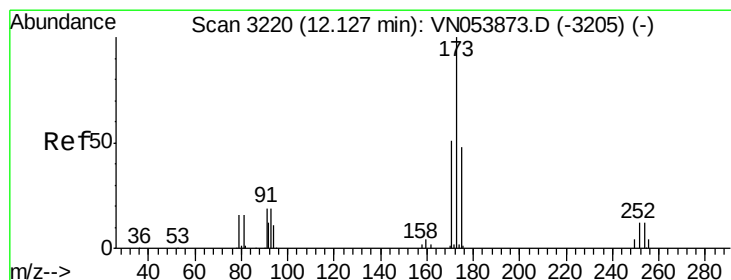
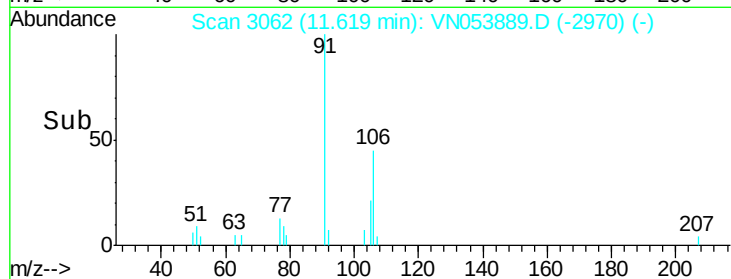
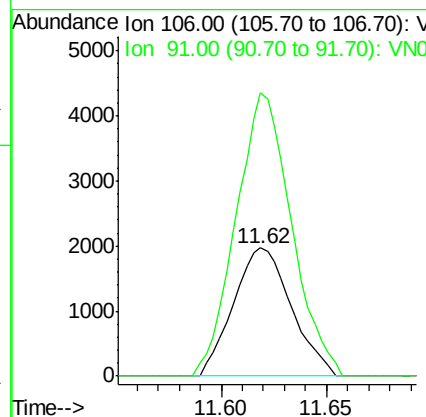
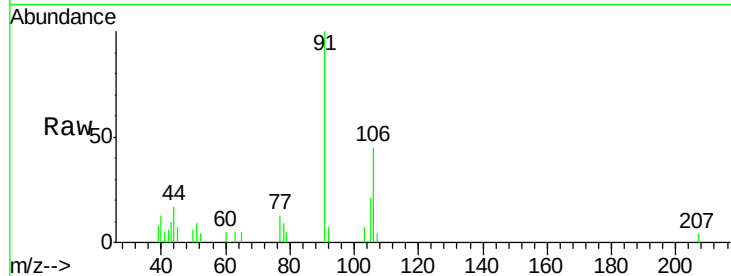




#68
m/p-Xvlenes
Concen: 0.290 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053889.D
Acq: 21 Feb 2019 13:50

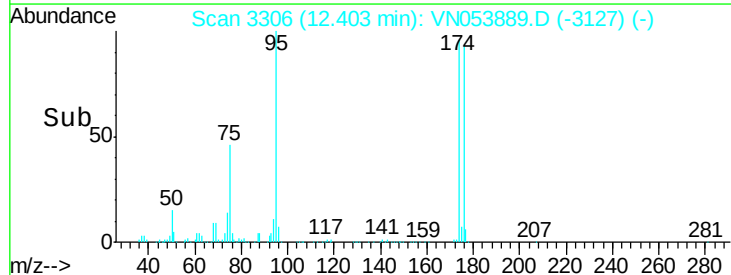
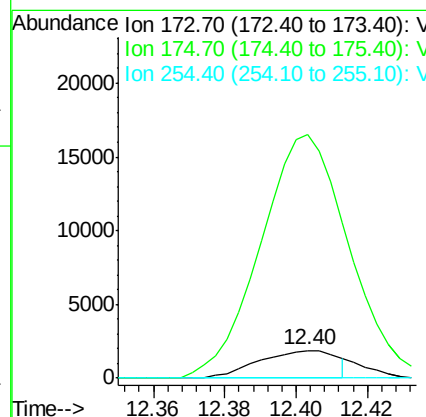
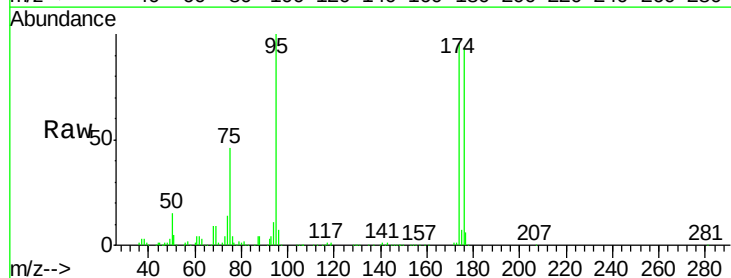
Instrument :
MSVOA_N
ClientSampled :
RBR-200036

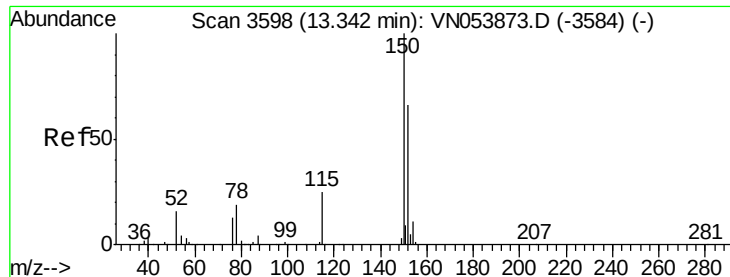
Tot Ion:106 Resp: 3750
Ion Ratio Lower Upper
106 100
91 212.1 158.9 238.3



#71
Bromoform
Concen: 0.532 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053889.D
Acq: 21 Feb 2019 13:50

Tgt Ion:173 Resp: 2845
Ion Ratio Lower Upper
173 100
175 844.1 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

RBR-200036

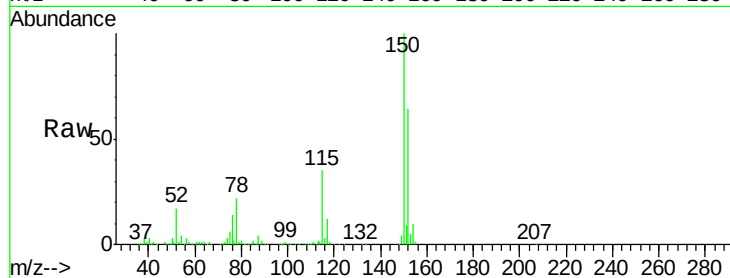
Tot Ion:152 Resp: 372610

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

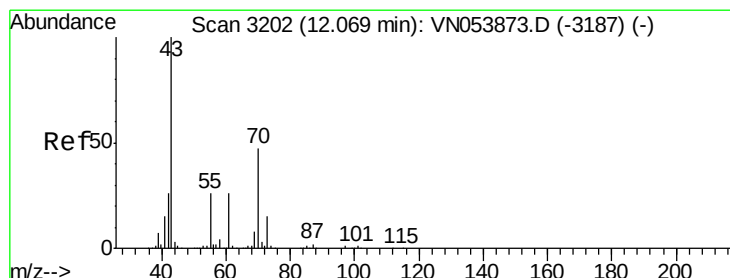
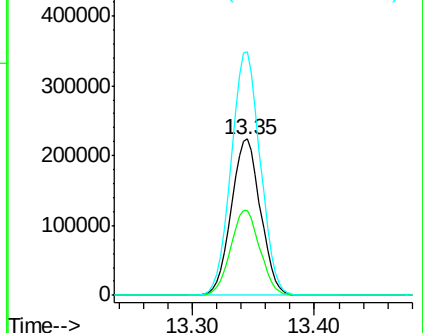
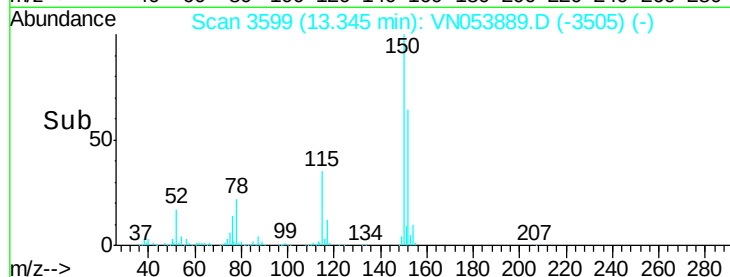
150 155.1 0.0 348.2



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: 1.695 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Tgt Ion: 43 Resp: 10218

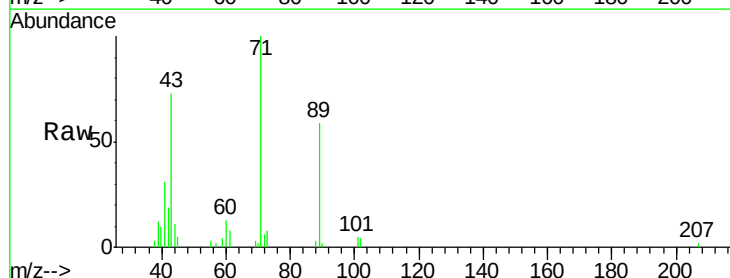
Ion Ratio Lower Upper

43 100

70 1.3 37.4 56.2#

55 5.9 21.4 32.0#

61 9.7 20.9 31.3#

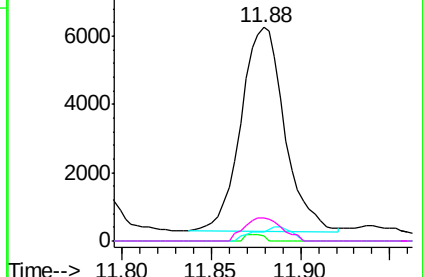
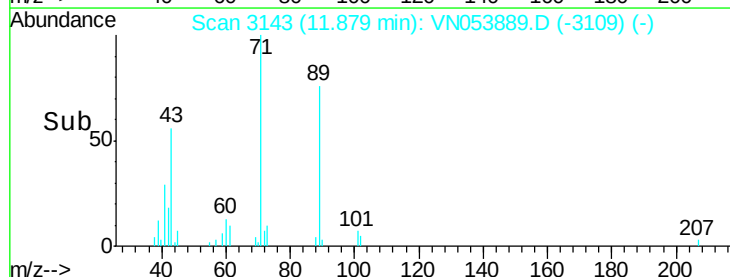


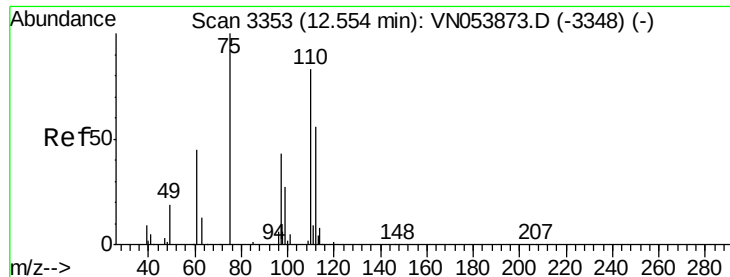
Abundance Ion 43.00 (42.70 to 43.70): V

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





#76

1,2,3-Trichloropropane

Concen: 34.483 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

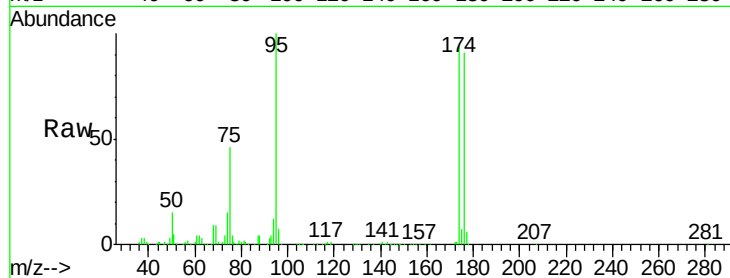
RBR-200036

Tot Ion: 75 Resp: 188622

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

100000

80000

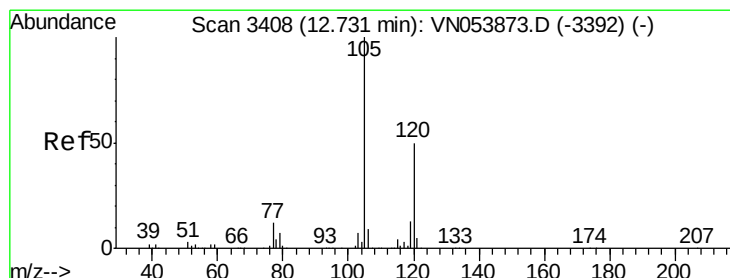
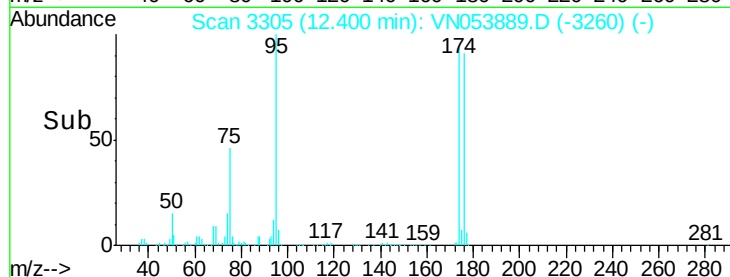
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.458 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053889.D

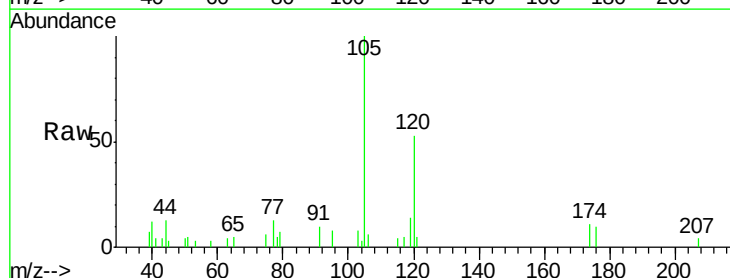
Acq: 21 Feb 2019 13:50

Tgt Ion: 105 Resp: 9979

Ion Ratio Lower Upper

105 100

120 51.7 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

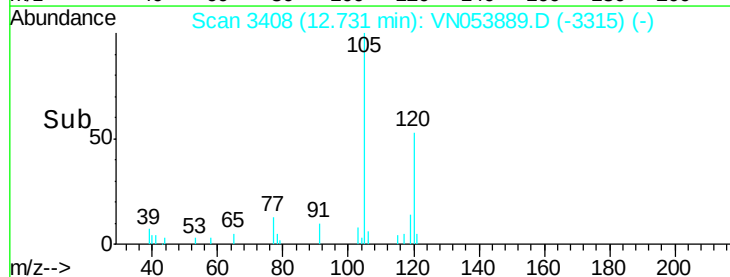
6000

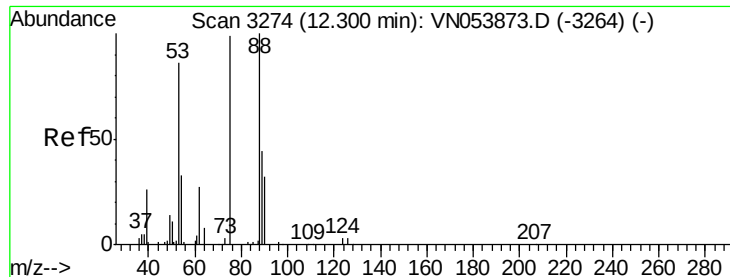
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 113.840 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampled :

RBR-200036

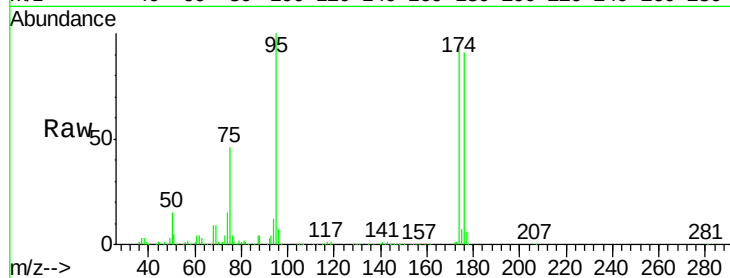
Tot Ion: 75 Resp: 188622

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

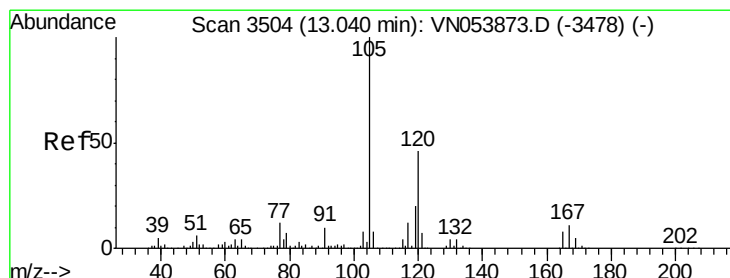
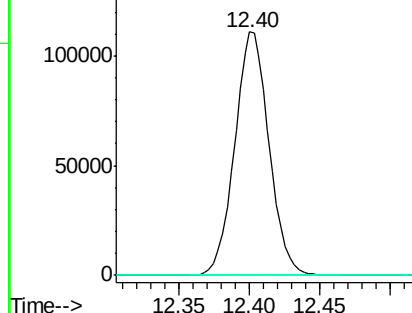
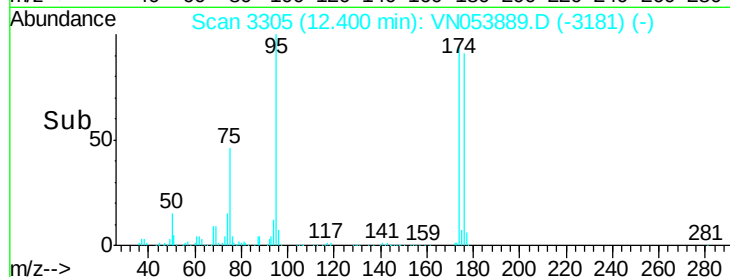
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN053889.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053889.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053889.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.959 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053889.D

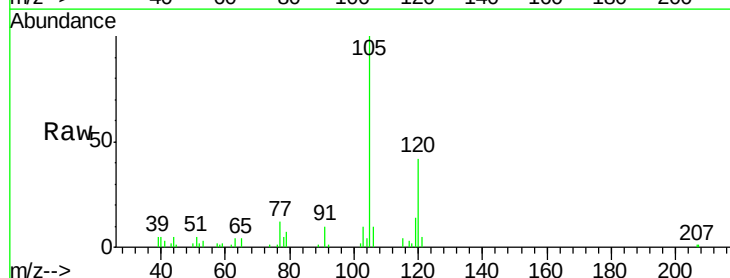
Acq: 21 Feb 2019 13:50

Tgt Ion: 105 Resp: 20968

Ion Ratio Lower Upper

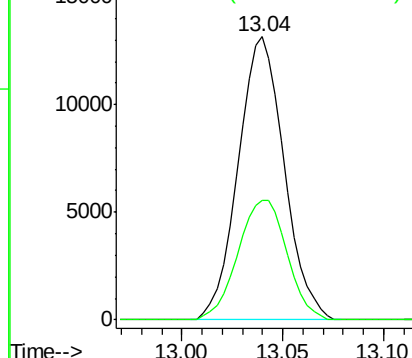
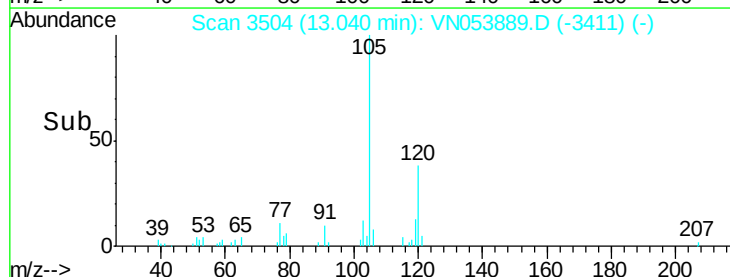
105 100

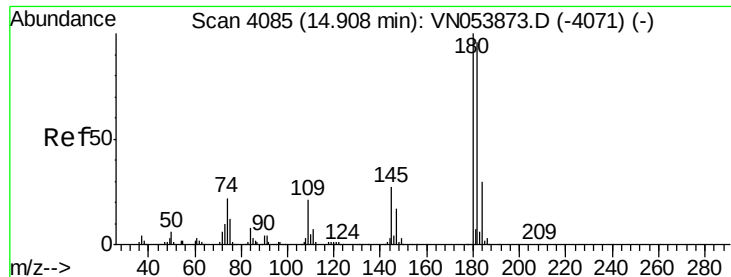
120 45.1 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): VN053889.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN053889.D (-3411) (-)

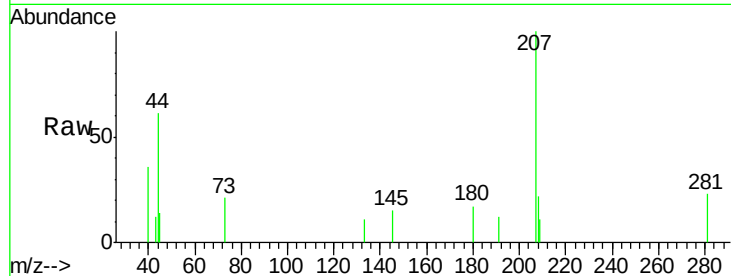




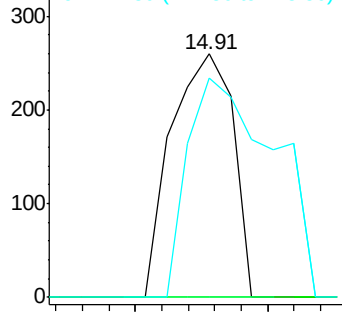
#93
 1,2,4-Trichlorobenzene
 Concen: 2.948 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053889.D
 Acq: 21 Feb 2019 13:50

Instrument :
 MSVOA_N
 ClientSampled :
 RBR-200036

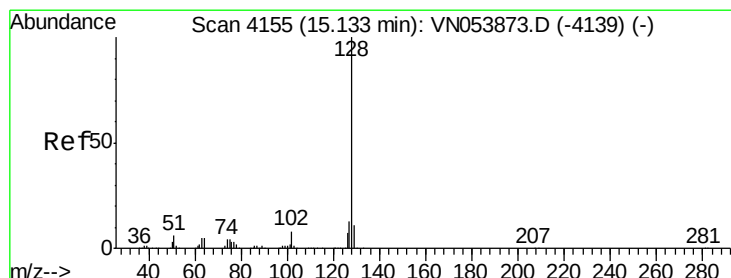
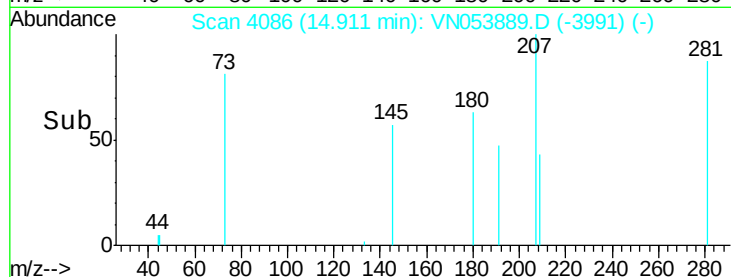
Tot Ion:180 Resp: 168
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.6 145.9#
 145 126.8 13.8 41.3#



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

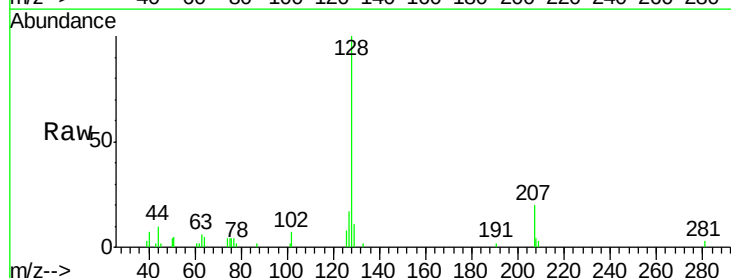


Time-->

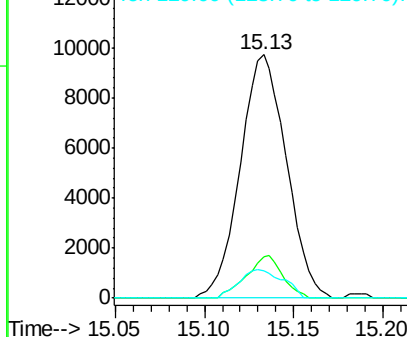


#95
 Naphthalene
 Concen: 5.692 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053889.D
 Acq: 21 Feb 2019 13:50

Tgt Ion:128 Resp: 17593
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.2 15.2
 129 11.3 8.6 12.8



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



Time-->

