

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053489.D
 Acq On : 18 Jan 2019 22:51
 Operator : JC/SP
 Sample : K1173-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

Quant Time: Jan 19 00:27:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	877262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1393229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	596694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	453783	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.59	113	399698	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.09	98	1738666	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	604630	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

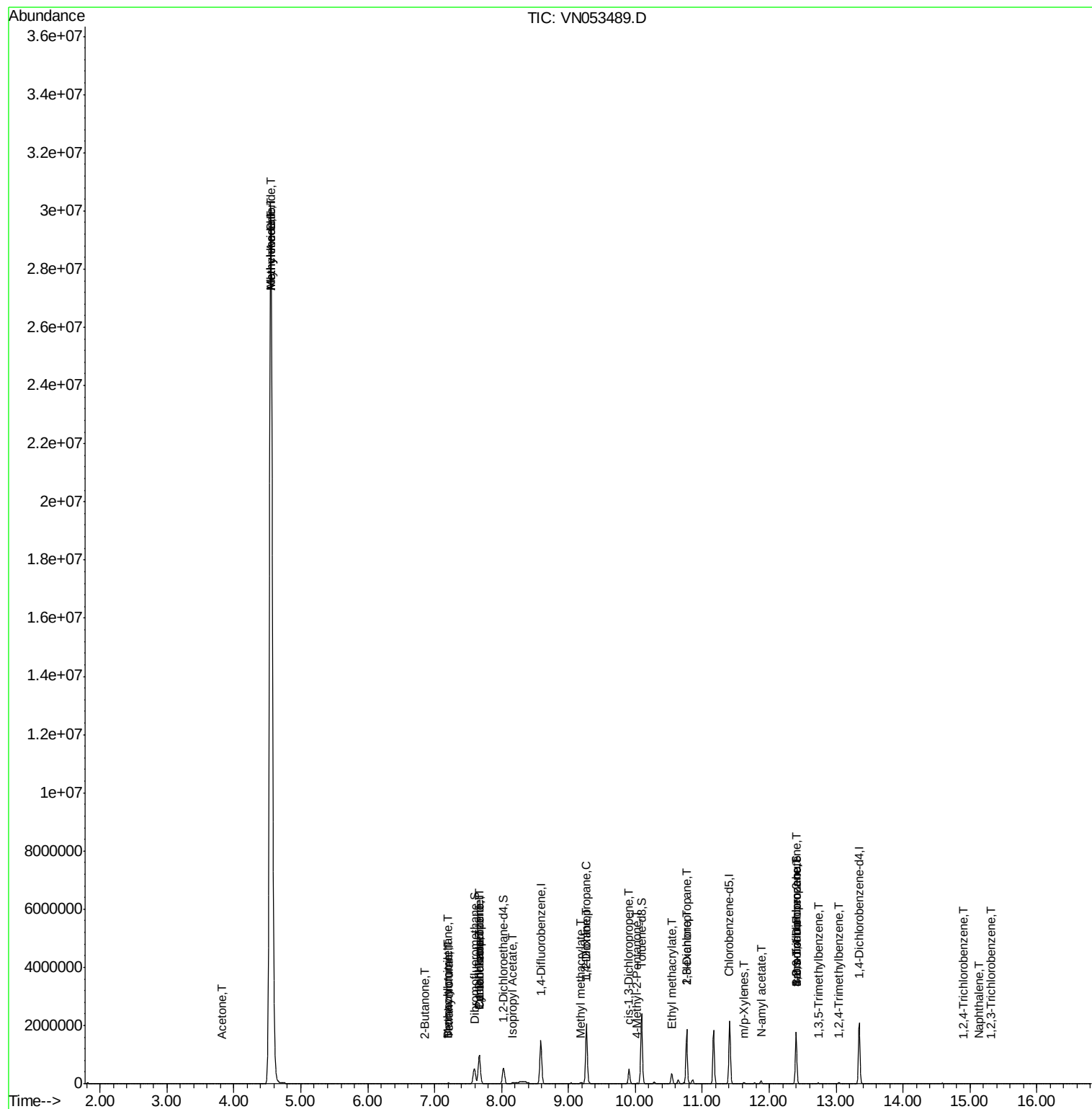
						Qvalue
14) Allyl chloride	4.55	41	905133	71.345	ug/l #	27
16) Acetone	3.82	43	11236	5.523	ug/l	98
18) Methyl Acetate	4.55	43	101380	14.791	ug/l #	83
20) Methylene Chloride	4.55	84	24101199	2594.913	ug/l	95
25) 2-Butanone	6.86	43	1500	0.478	ug/l #	47
28) Bromochloromethane	7.20	49	11257	1.632	ug/l #	96
29) Tetrahydrofuran	7.22	42	842	0.413	ug/l #	66
31) Cyclohexane	7.67	56	13193	0.645	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	57660	4.544	ug/l #	49
38) Carbon Tetrachloride	7.67	117	74126	6.171	ug/l #	16
41) Methacrylonitrile	7.21	41	757	0.840	ug/l #	22
43) Isopropyl Acetate	8.17	43	45453	3.463	ug/l #	79
45) 1,2-Dichloropropane	9.27	63	2529	0.248	ug/l #	43
48) Methyl methacrylate	9.18	41	12507	1.845	ug/l #	12
49) 1,4-Dioxane	9.26	88	98	1.481	ug/l #	23
51) 4-Methyl-2-Pentanone	10.02	43	13849	1.933	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	92906	6.337	ug/l #	63
56) Ethyl methacrylate	10.54	69	1523	2.182	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	19259	1.349	ug/l #	43
59) 2-Hexanone	10.76	43	258466	51.384	ug/l #	49
68) m/p-Xylenes	11.62	106	6905	0.383	ug/l	99
71) Bromoform	12.40	173	4147	0.618	ug/l #	1
74) N-ethyl acetate	11.88	43	27974	2.402	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	282083	35.873	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10859	0.305	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	282083	88.720	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	17357	0.484	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	318	2.803	ug/l #	1
95) Naphthalene	15.14	128	10673	4.620	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	199	3.935	ug/l #	1

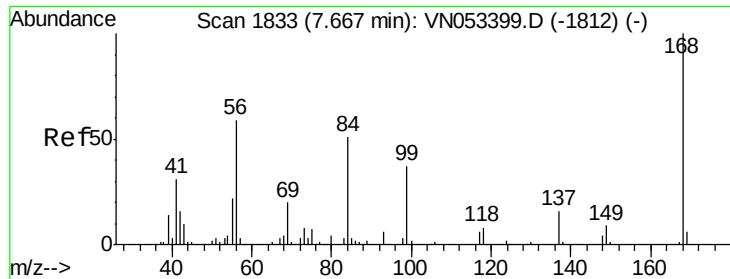
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

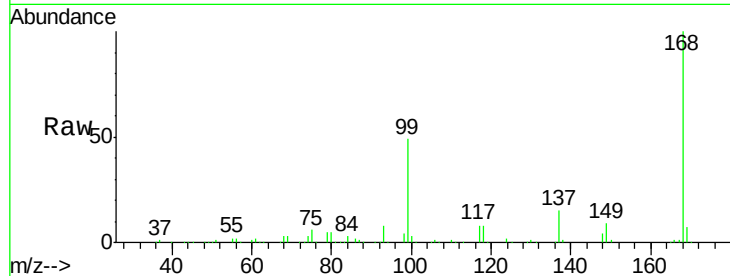
RBR-200052

Tot Ion:168 Resp: 877262

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

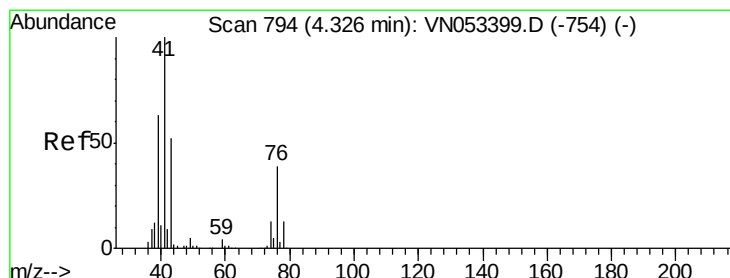
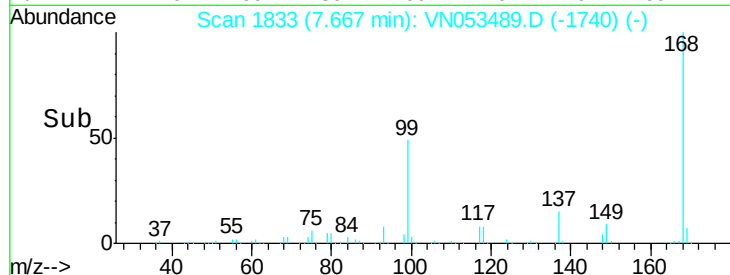
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 71.345 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

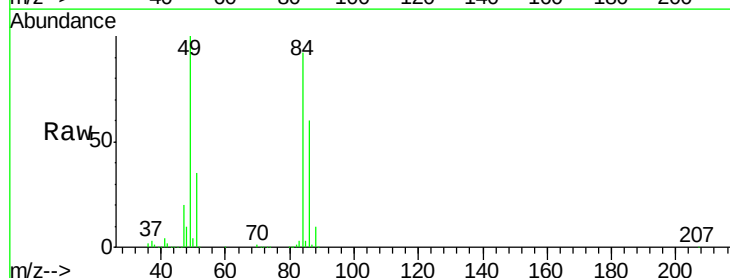
Tgt Ion: 41 Resp: 905133

Ion Ratio Lower Upper

41 100

39 0.7 48.9 73.3#

76 0.0 29.4 44.2#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.55

400000

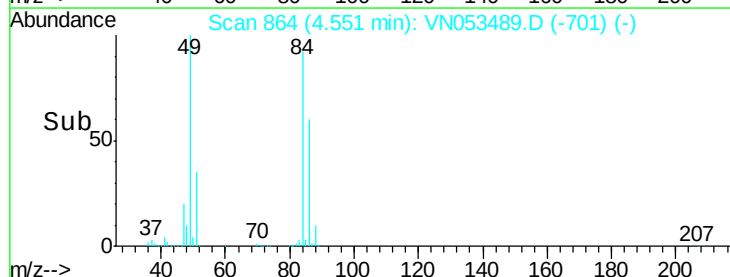
300000

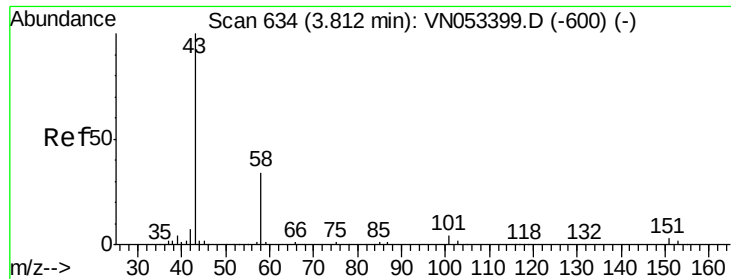
200000

100000

0

Time-->





#16

Acetone

Concen: 5.523 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

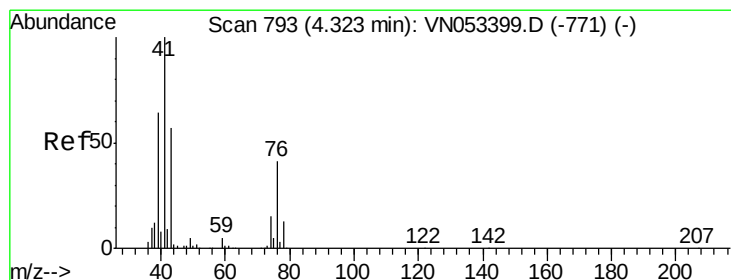
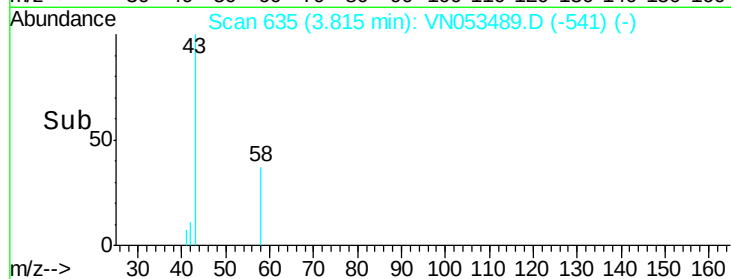
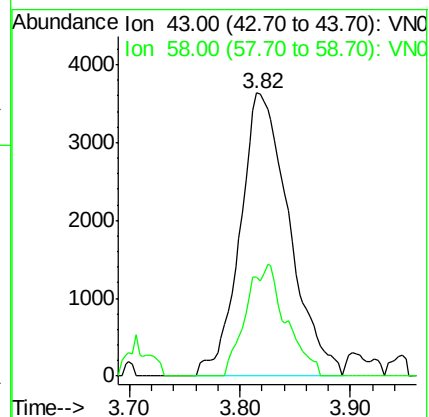
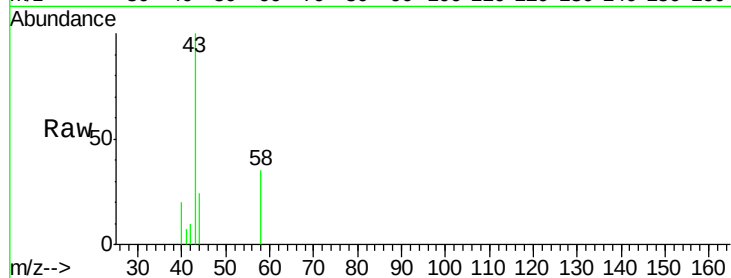
RBR-200052

Tot Ion: 43 Resp: 11236

Ion Ratio Lower Upper

43 100

58 35.1 27.1 40.7



#18

Methyl Acetate

Concen: 14.791 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN053489.D

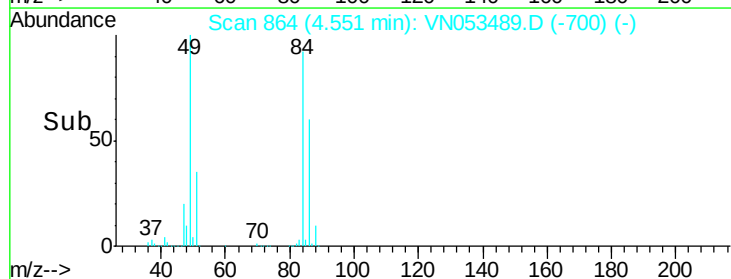
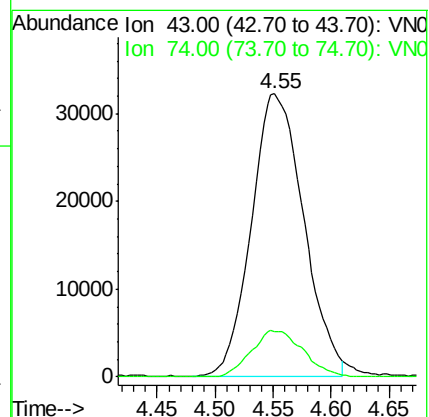
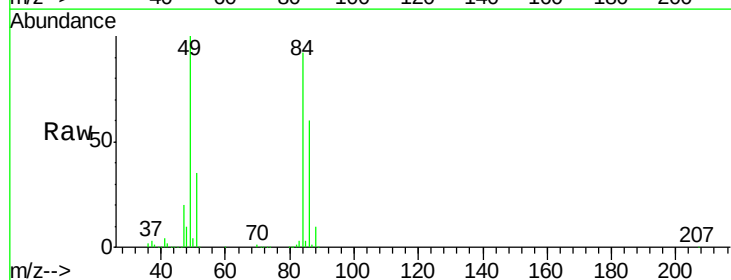
Acq: 18 Jan 2019 22:51

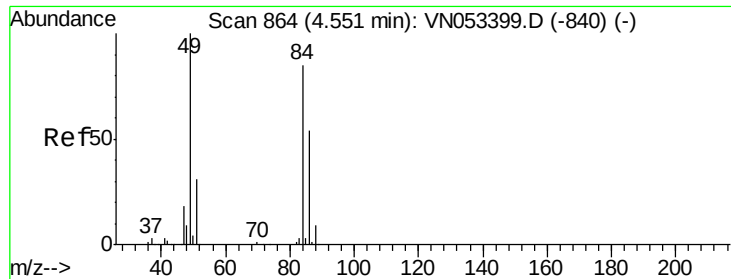
Tgt Ion: 43 Resp: 101380

Ion Ratio Lower Upper

43 100

74 16.1 19.4 29.2#



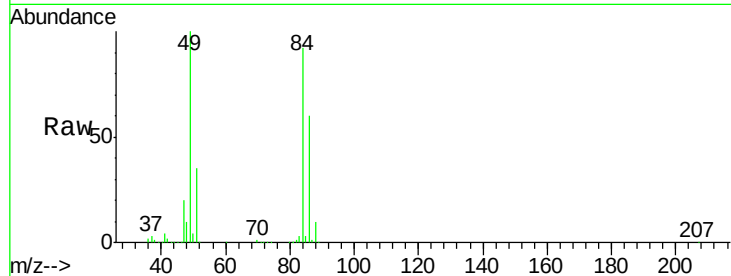


#20
Methvlene Chloride
Concen: 2594.913 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

Instrument :
MSVOA_N
ClientSampled :
RBR-200052

Tot Ion: 84 Resp:24101199

Ion	Ratio	Lower	Upper
84	100		
49	108.9	94.3	141.5
51	37.7	29.4	44.2
86	65.4	51.4	77.0

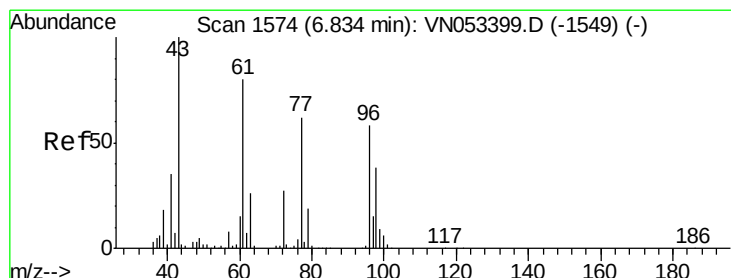
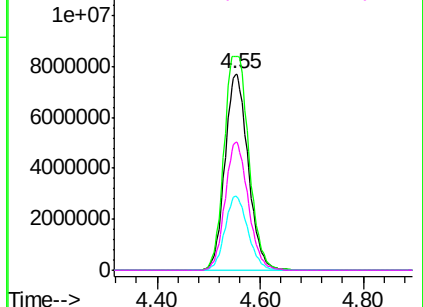
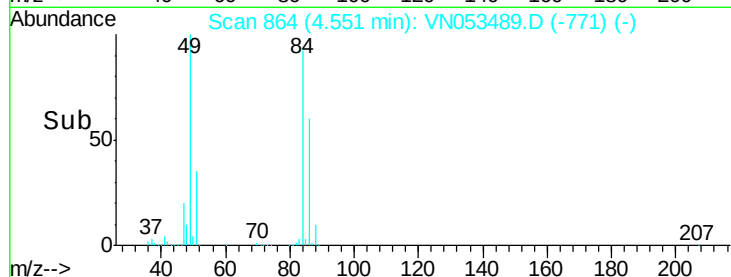


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

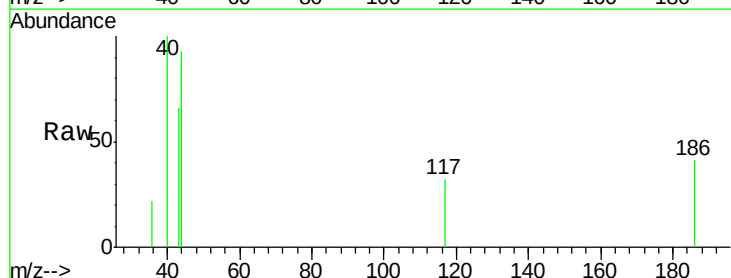
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 0.478 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

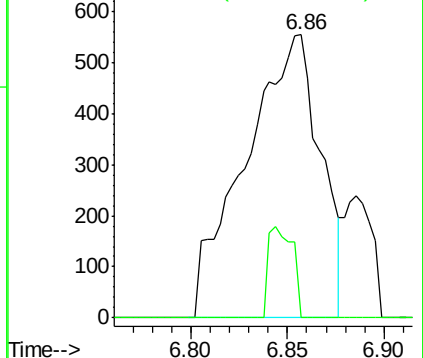
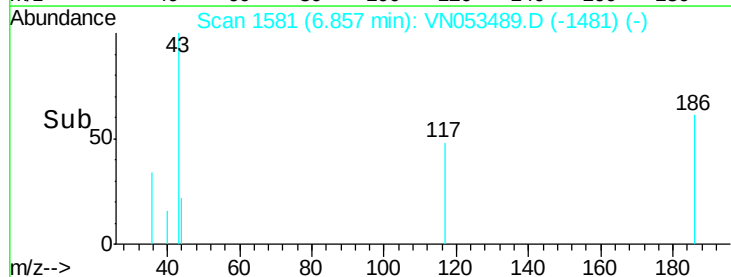
Tgt Ion: 43 Resp: 1500

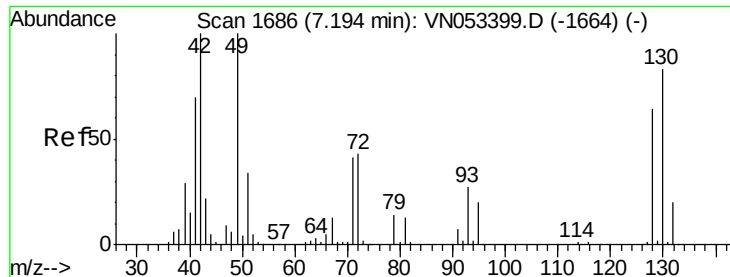
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#28

Bromochloromethane

Concen: 1.632 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

RBR-200052

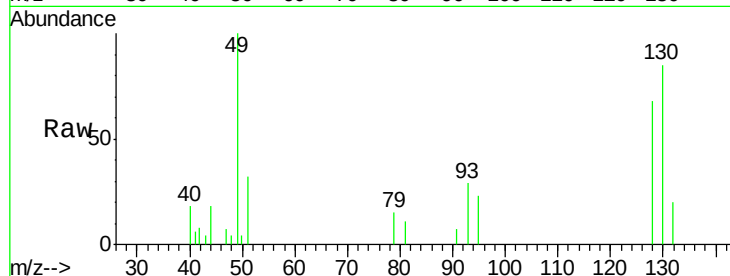
Tot Ion: 49 Resp: 11257

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 86.6 66.3 99.5



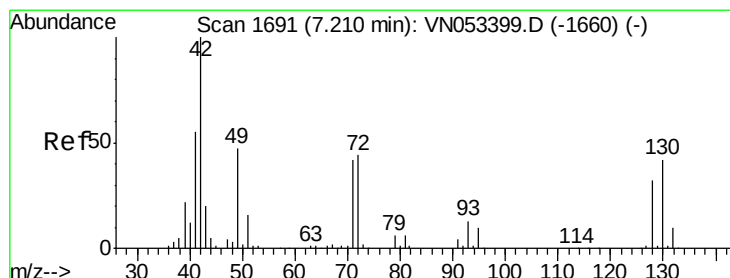
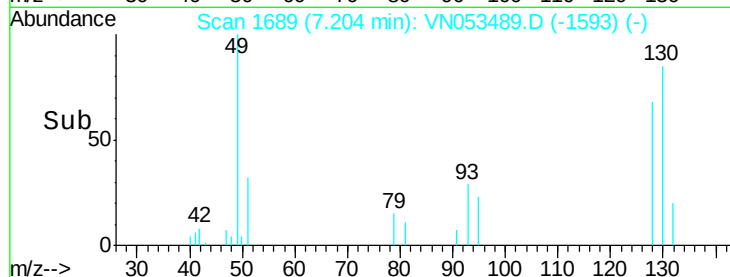
Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): VN0

Ion 129.80 (129.50 to 130.50): VN0

7.20

Time-->



#29

Tetrahydrofuran

Concen: 0.413 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

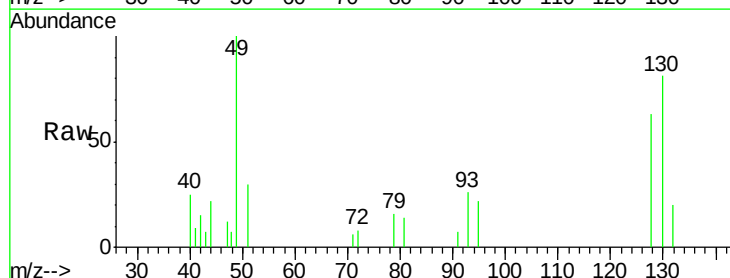
Tgt Ion: 42 Resp: 842

Ion Ratio Lower Upper

42 100

72 29.7 35.2 52.8#

71 11.9 33.0 49.4#



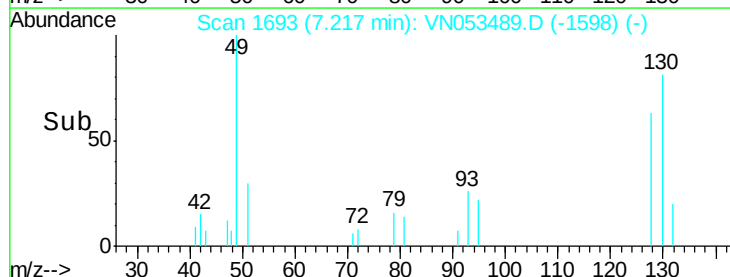
Abundance Ion 42.00 (41.70 to 42.70): VN0

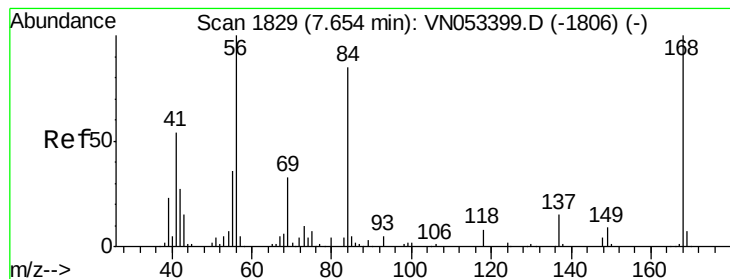
Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

7.22

Time-->





#31

Cyclohexane

Concen: 0.645 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

RBR-200052

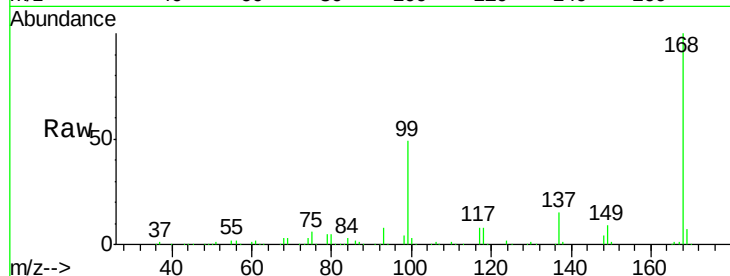
Tot Ion: 56 Resp: 13193

Ion Ratio Lower Upper

56 100

69 202.0 26.4 39.6#

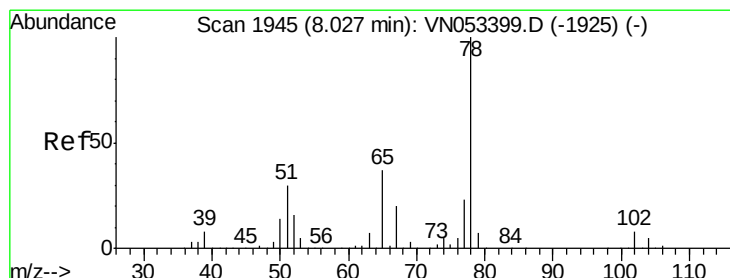
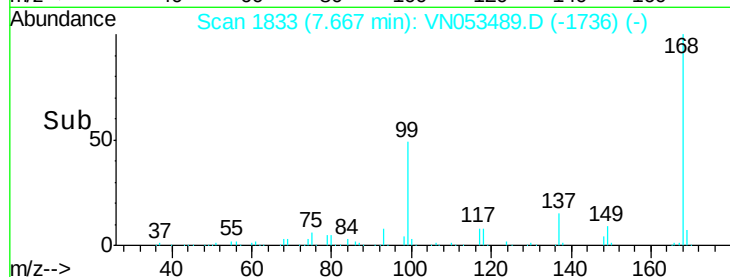
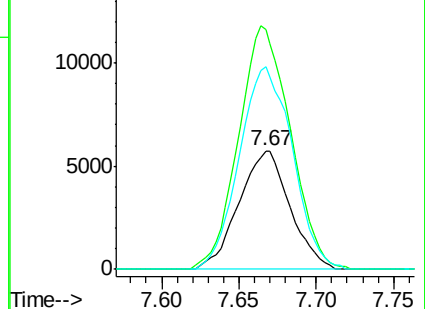
84 170.6 67.9 101.9#



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053489.D

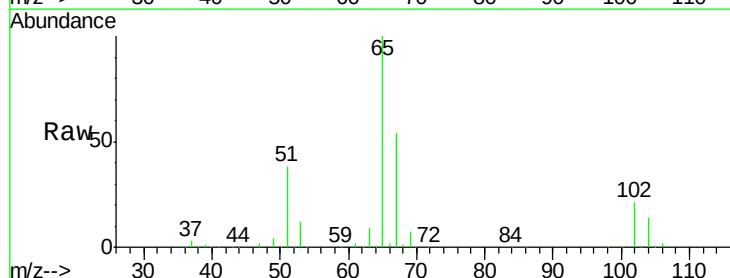
Acq: 18 Jan 2019 22:51

Tgt Ion: 65 Resp: 453783

Ion Ratio Lower Upper

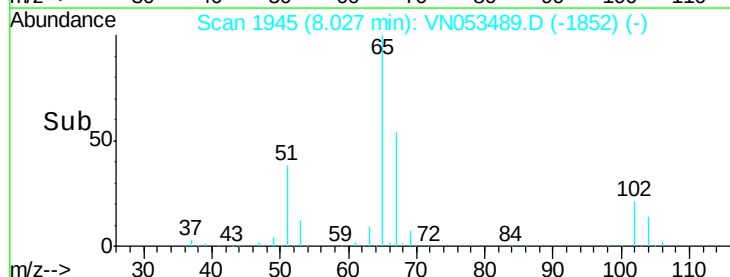
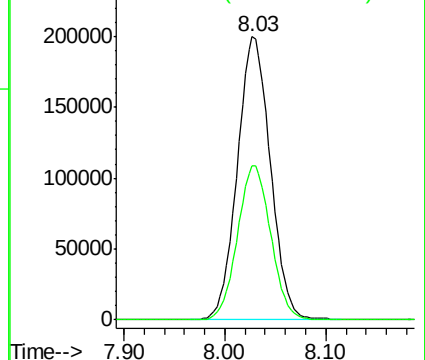
65 100

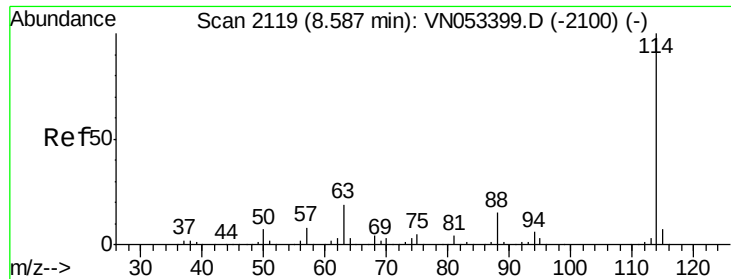
67 54.9 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

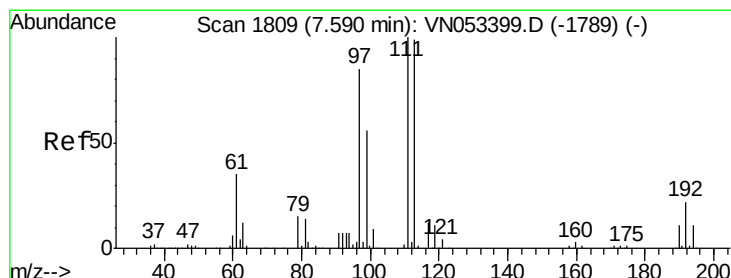
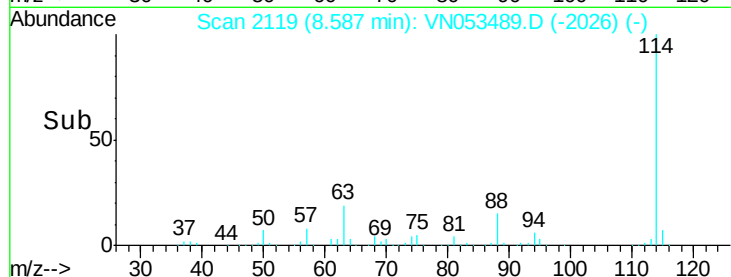
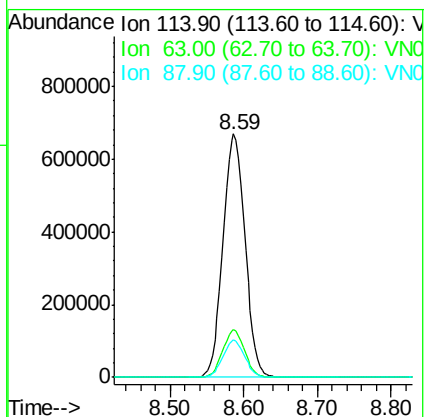
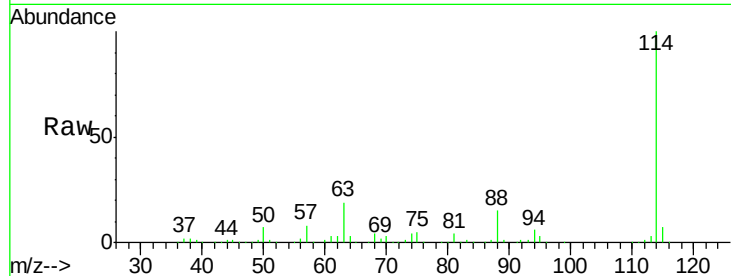




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053489.D
 Acq: 18 Jan 2019 22:51

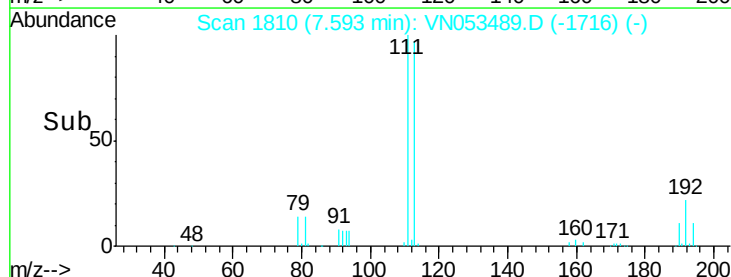
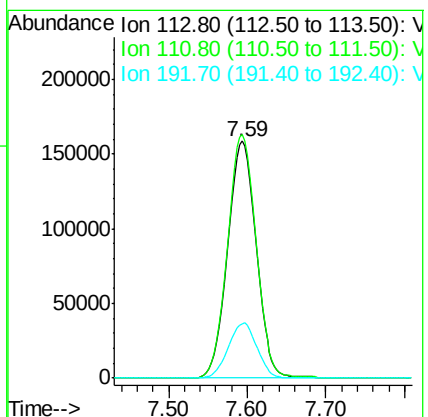
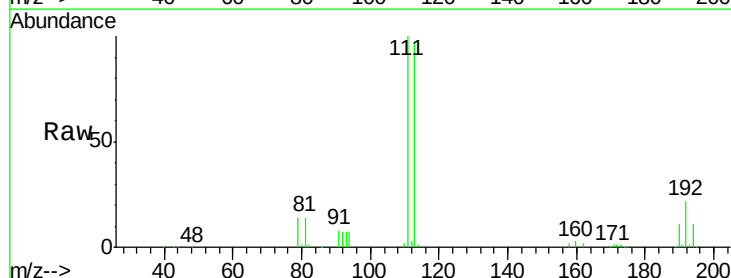
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

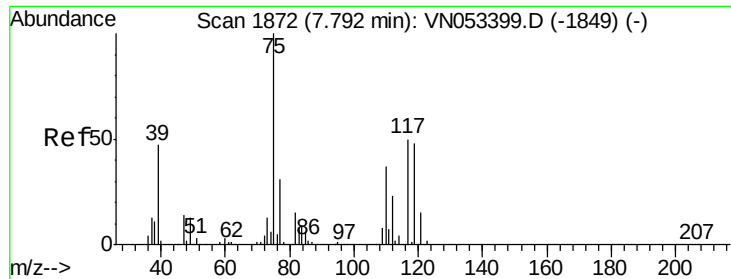
Tot Ion:114 Resp: 1393229
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.4 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053489.D
 Acq: 18 Jan 2019 22:51

Tgt Ion:113 Resp: 399698
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 23.3 18.2 27.2

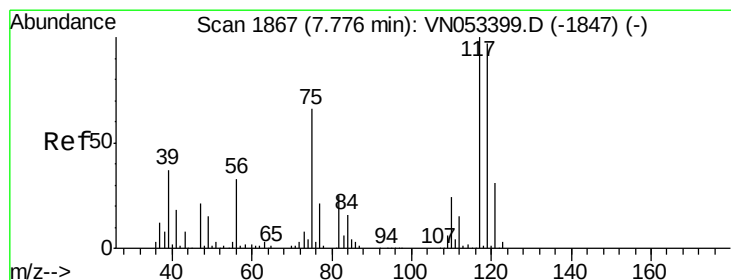
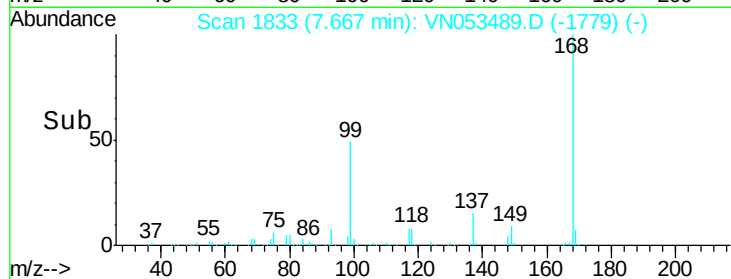
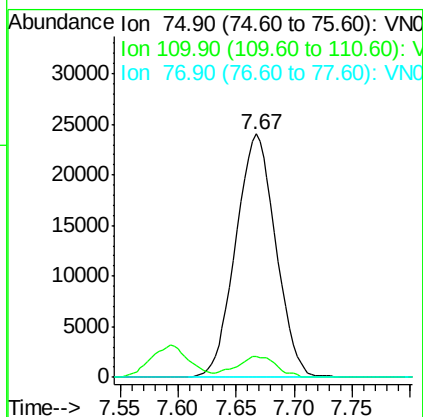
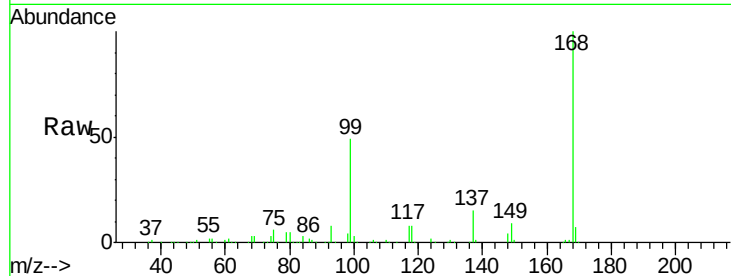




#36
 1,1-Dichloropropene
 Concen: 4.544 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053489.D
 Acq: 18 Jan 2019 22:51

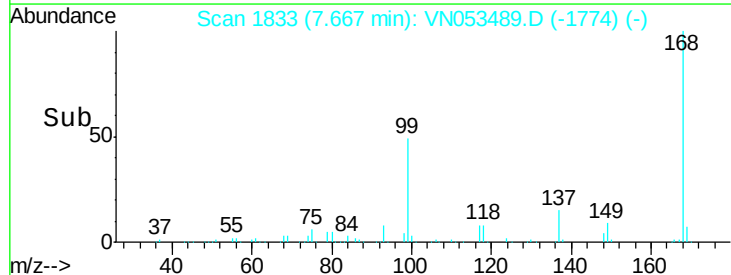
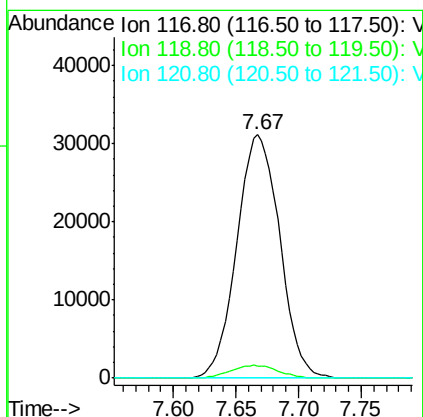
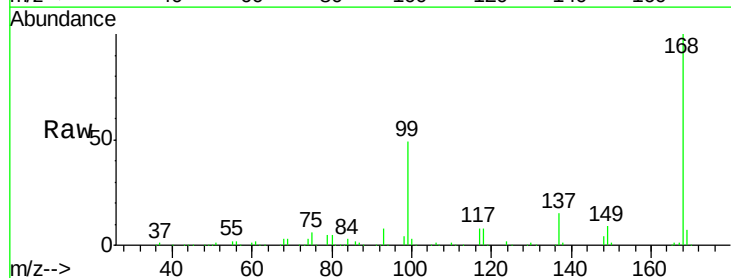
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

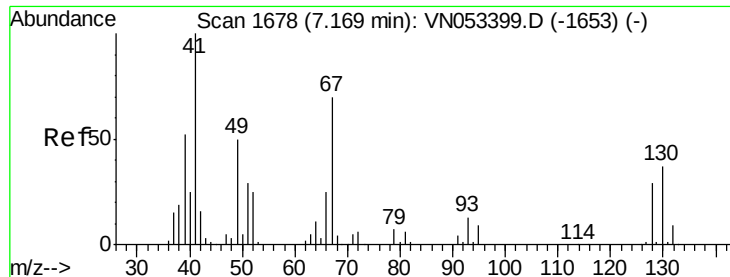
Tot Ion	75	Resp	57660
Ion Ratio	Lower	Upper	
75	100		
110	8.8	18.1	54.3#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.171 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053489.D
 Acq: 18 Jan 2019 22:51

Tgt Ion	117	Resp	74126
Ion Ratio	Lower	Upper	
117	100		
119	5.0	77.2	115.8#
121	0.0	24.6	37.0#

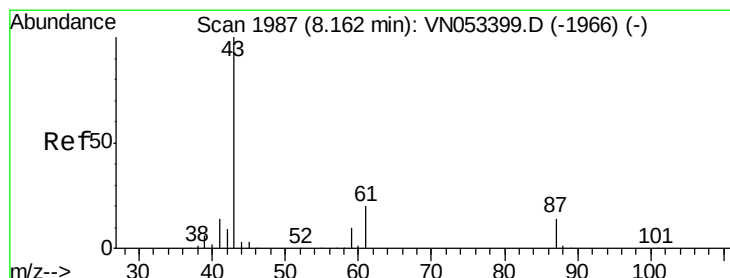
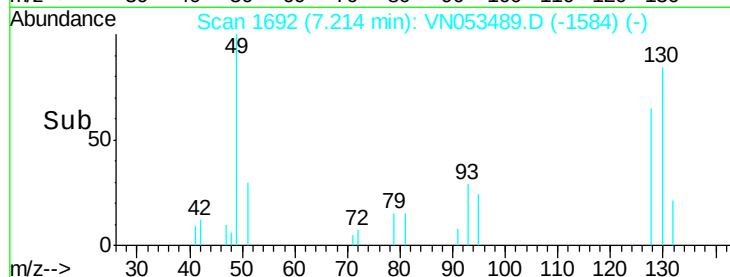
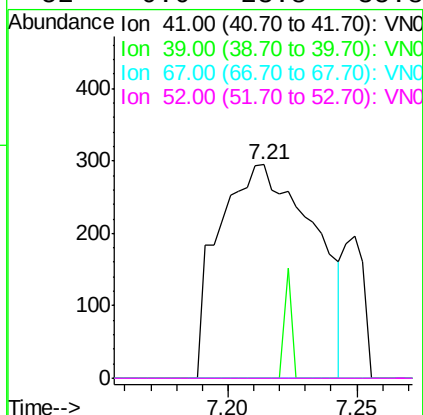
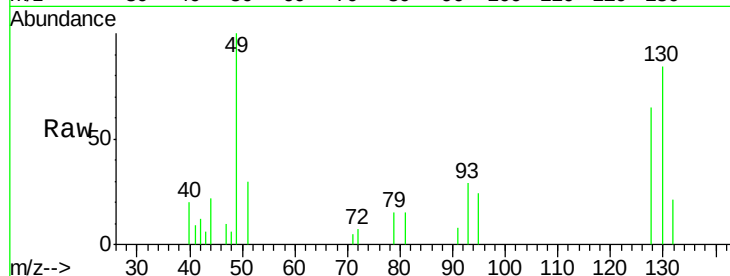




#41
Methacrylonitrile
Concen: 0.840 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.05 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

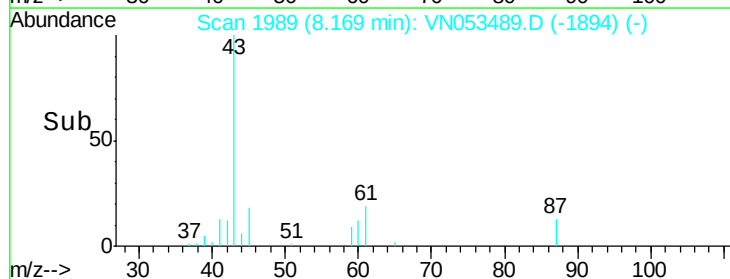
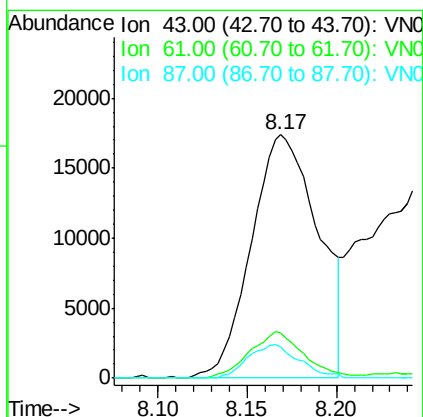
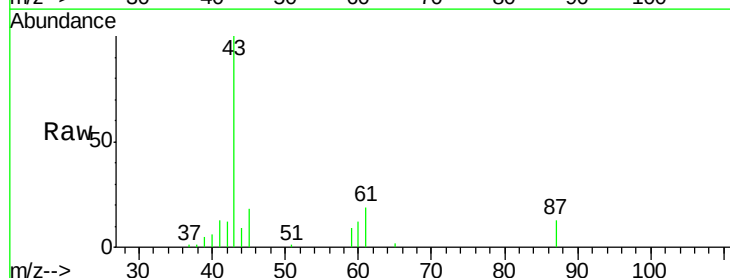
Instrument :
MSVOA_N
ClientSampled :
RBR-200052

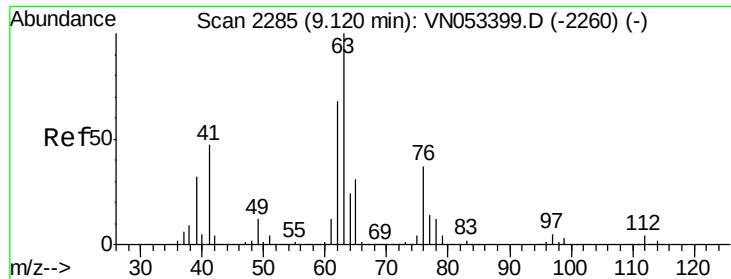
Tot Ion:	41	Resp:	757
Ion	Ratio	Lower	Upper
41	100		
39	3.8	46.8	70.2#
67	0.0	63.0	94.6#
52	0.0	23.8	35.8#



#43
Isopropyl Acetate
Concen: 3.463 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

Tgt Ion:	43	Resp:	45453
Ion	Ratio	Lower	Upper
43	100		
61	15.6	23.9	35.9#
87	10.6	11.0	16.6#





#45

1,2-Dichloropropane

Concen: 0.248 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

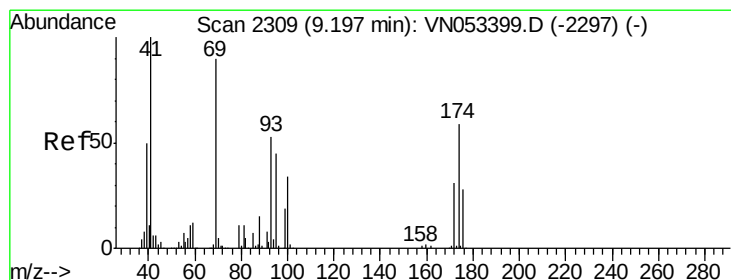
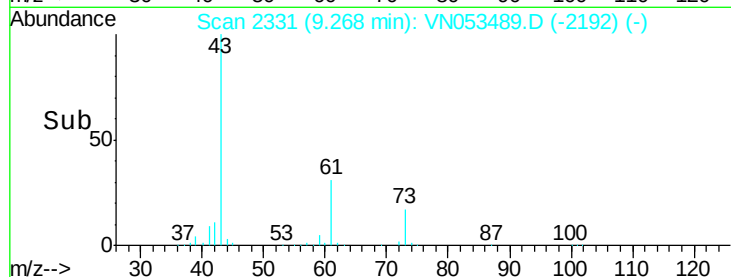
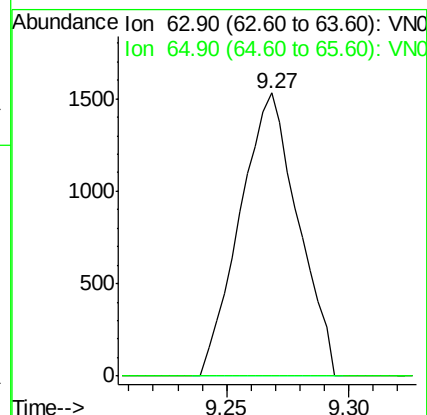
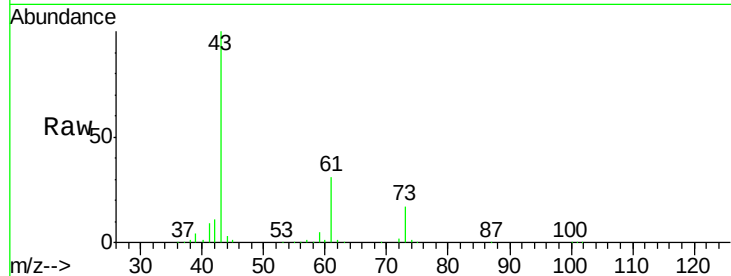
RBR-200052

Tot Ion: 63 Resp: 2529

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#



#48

Methyl methacrylate

Concen: 1.845 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

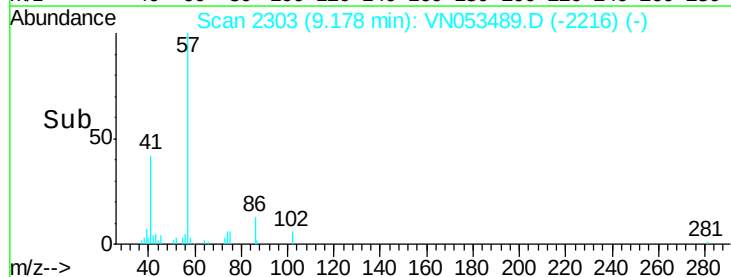
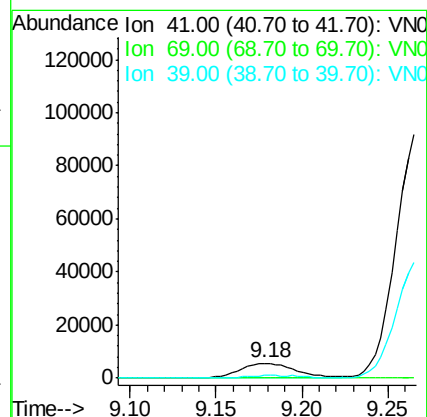
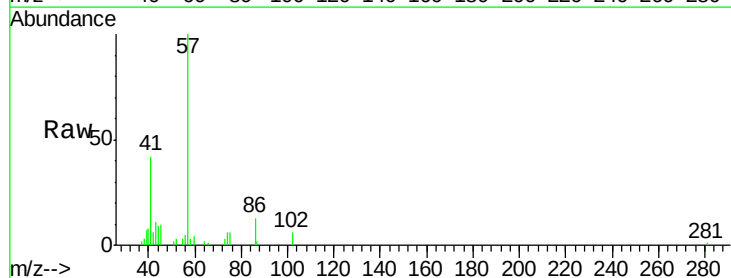
Tgt Ion: 41 Resp: 12507

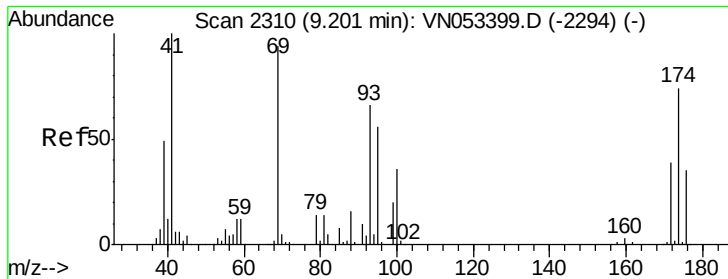
Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

39 0.0 40.0 60.0#

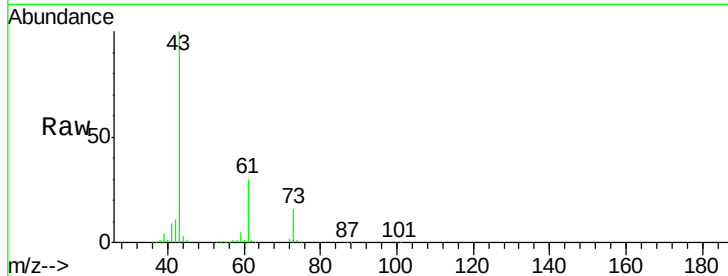




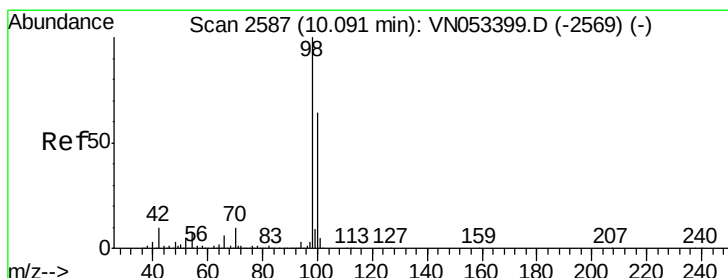
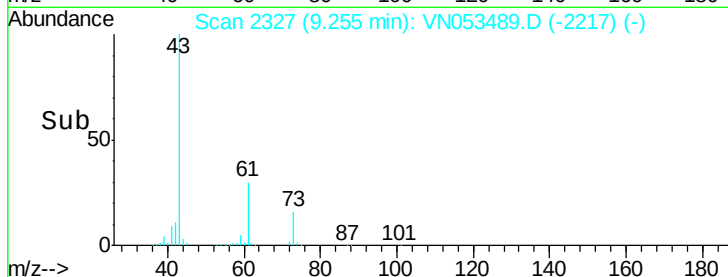
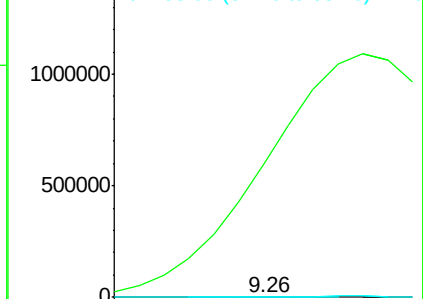
#49
1,4-Dioxane
Concen: 1.481 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.05 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

Instrument :
MSVOA_N
ClientSampled :
RBR-200052

Tot Ion: 88 Resp: 98
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.6#
58 0.0 56.5 84.7#

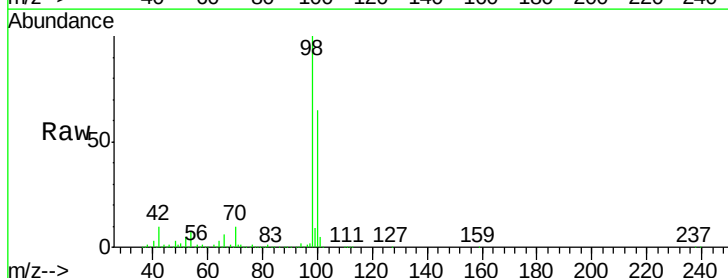


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

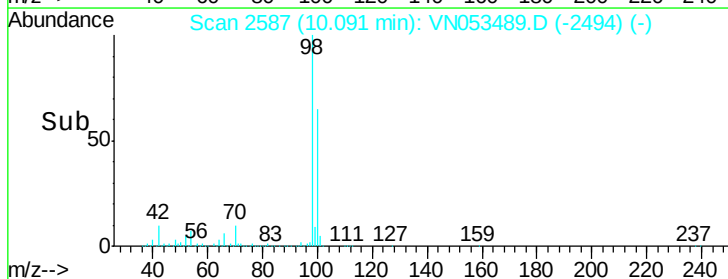
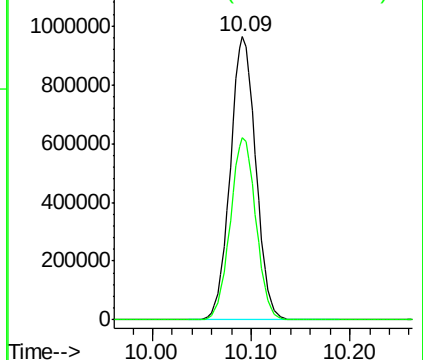


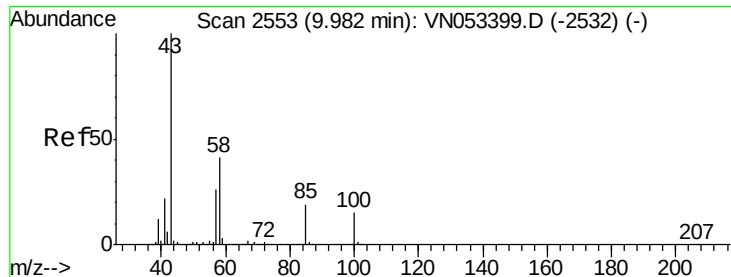
#50
Toluene-d8
Concen: 1.481 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

Tgt Ion: 98 Resp: 1738666
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



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

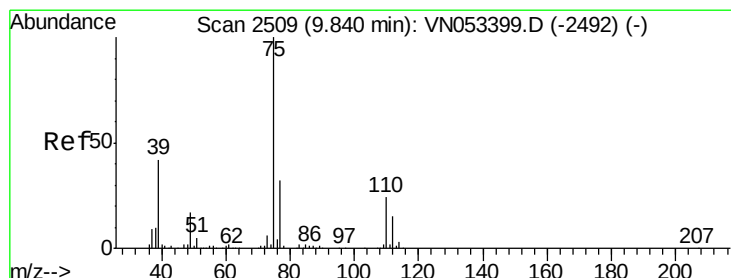
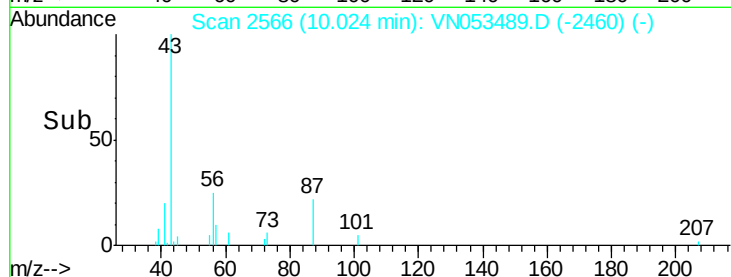
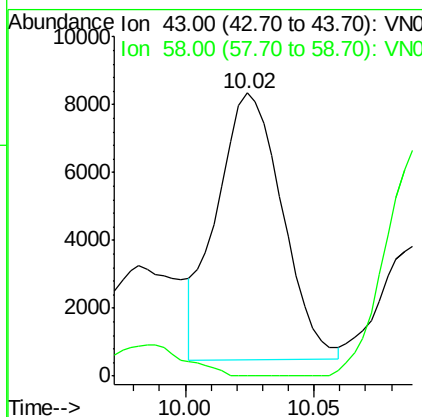
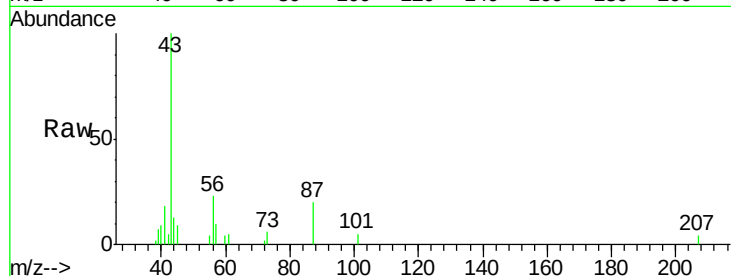




#51
 4-Methyl-2-Pentanone
 Concen: 1.933 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN053489.D
 Acq: 18 Jan 2019 22:51

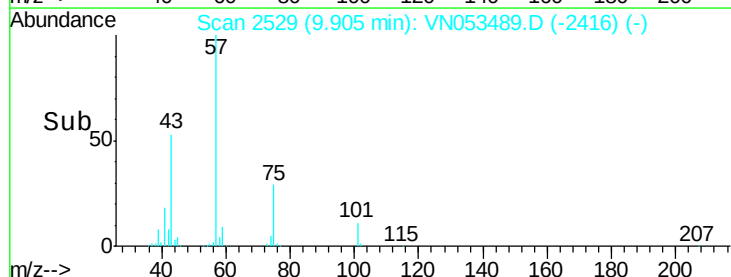
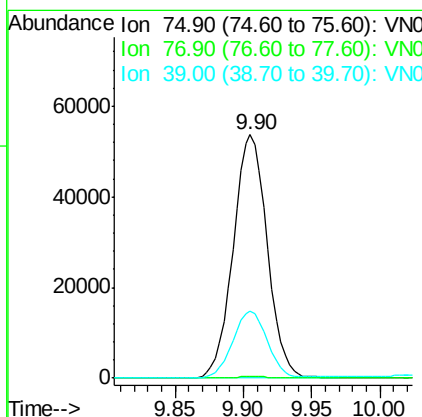
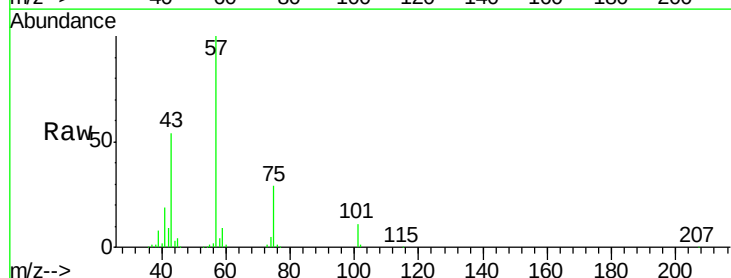
Instrument :
 MSVOA_N
 ClientSampled :
 RBR-200052

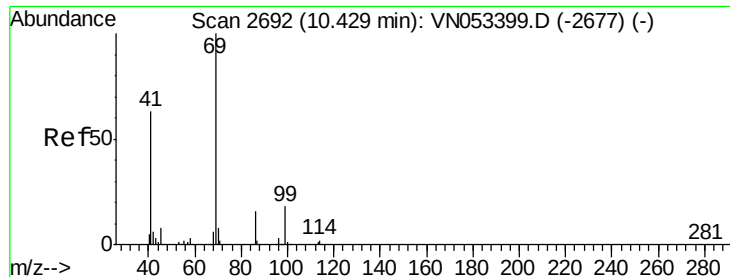
Tot Ion: 43 Resp: 13849
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.8 49.2#



#54
 cis-1,3-Dichloropropene
 Concen: 6.337 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN053489.D
 Acq: 18 Jan 2019 22:51

Tgt Ion: 75 Resp: 92906
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.8 38.6#
 39 27.5 33.4 50.0#





#56

Ethyl methacrylate

Concen: 2.182 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

RBR-200052

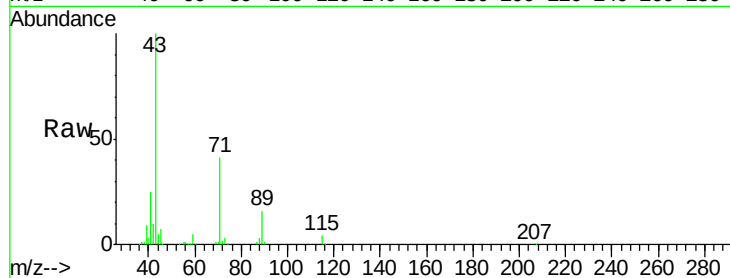
Tot Ion: 69 Resp: 1523

Ion Ratio Lower Upper

69 100

41 4064.0 49.4 74.0#

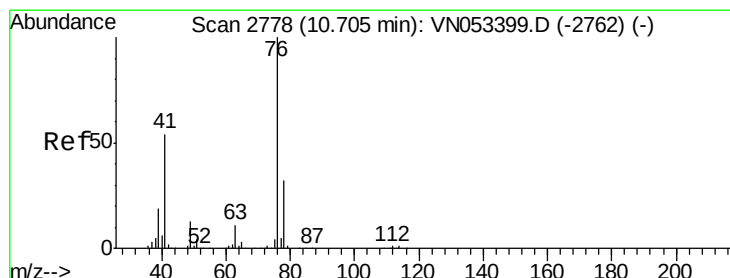
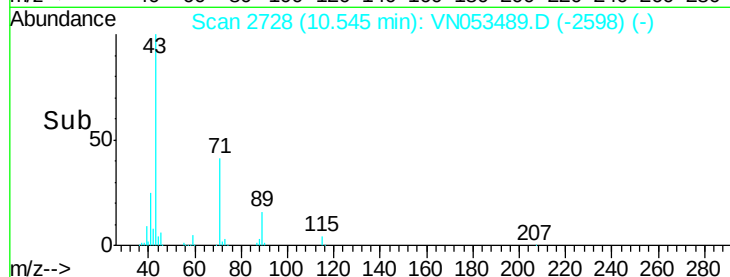
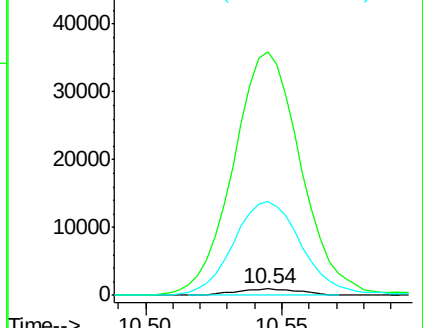
39 1594.5 23.3 34.9#



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: 1.349 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053489.D

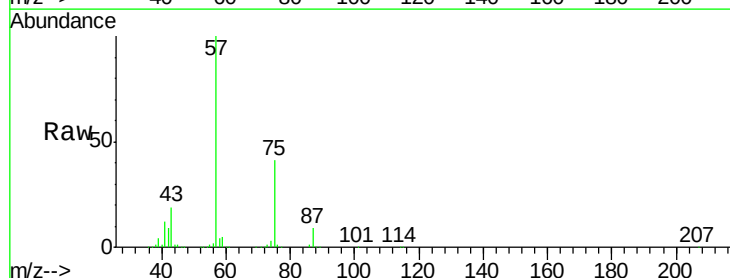
Acq: 18 Jan 2019 22:51

Tgt Ion: 76 Resp: 19259

Ion Ratio Lower Upper

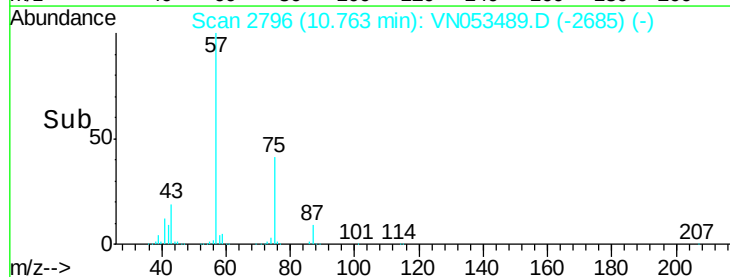
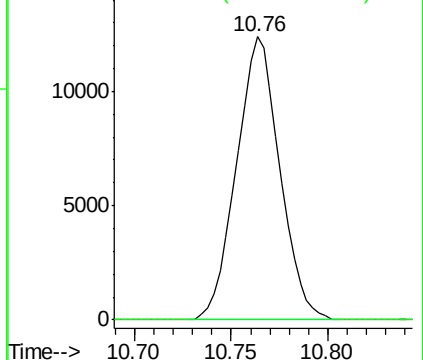
76 100

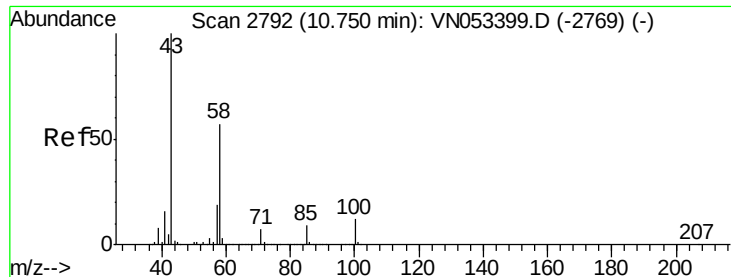
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

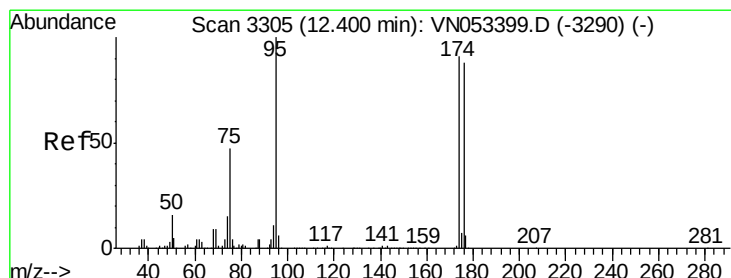
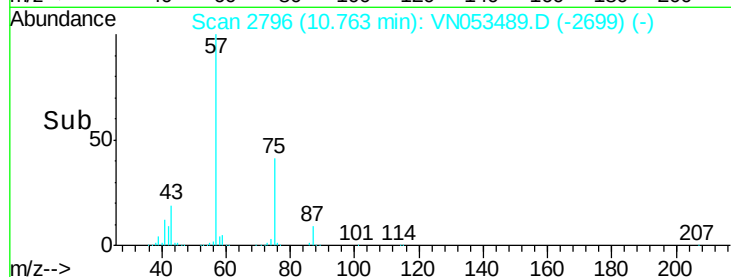
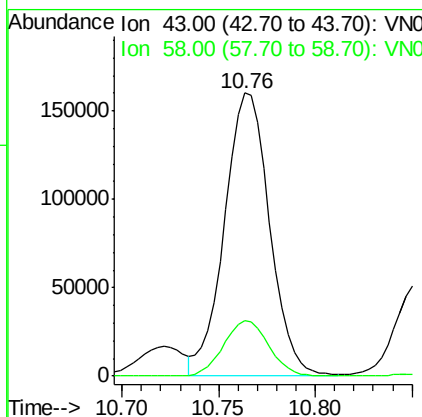
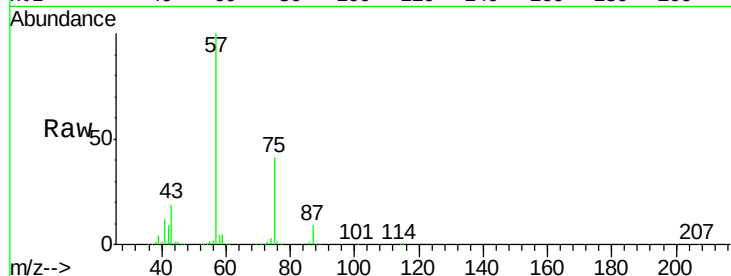




#59
2-Hexanone
Concen: 51.384 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

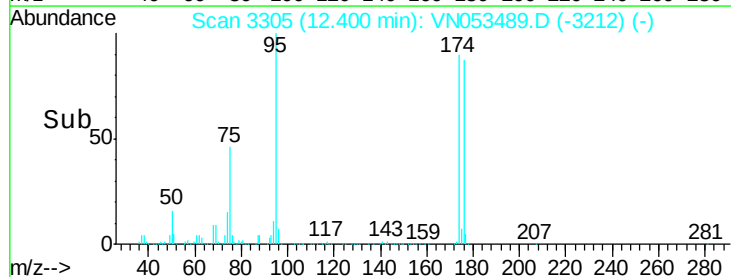
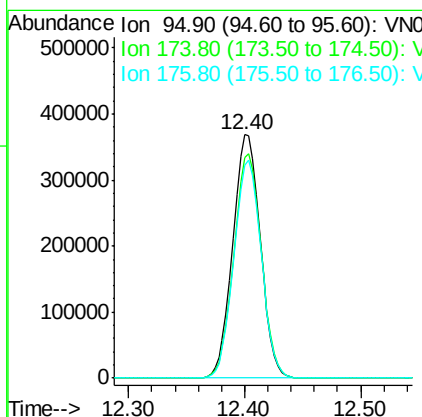
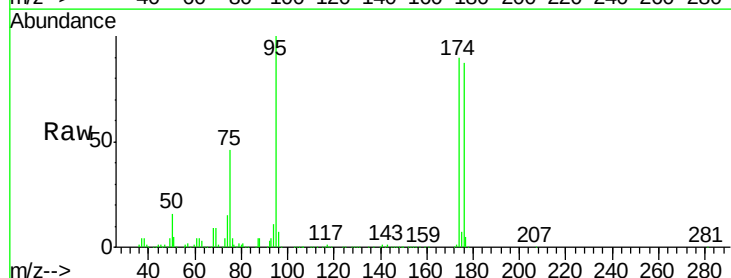
Instrument :
MSVOA_N
ClientSampleId :
RBR-200052

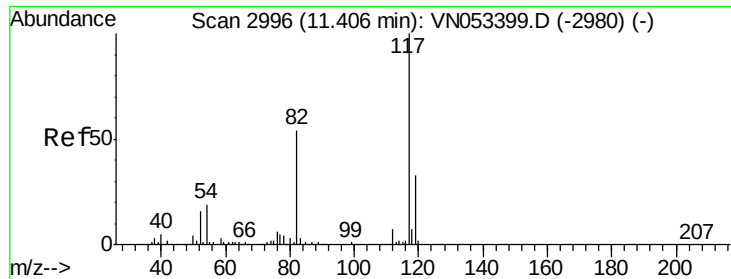
Tot Ion: 43 Resp: 258466
Ion Ratio Lower Upper
43 100
58 19.9 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

Tgt Ion: 95 Resp: 604630
Ion Ratio Lower Upper
95 100
174 91.9 0.0 183.2
176 89.2 0.0 177.4

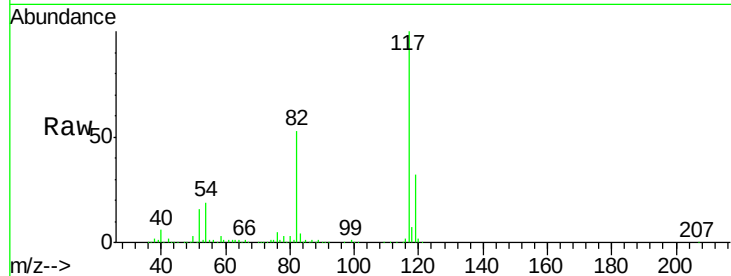




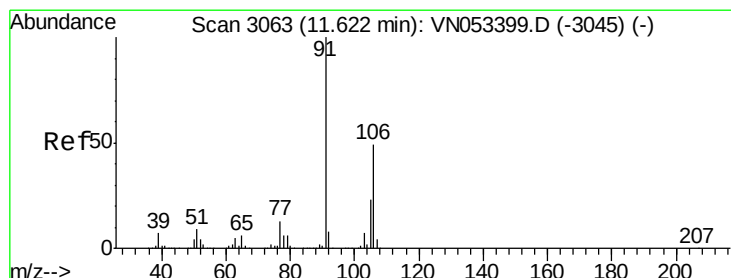
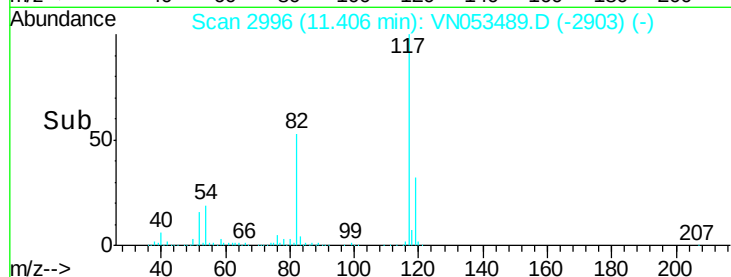
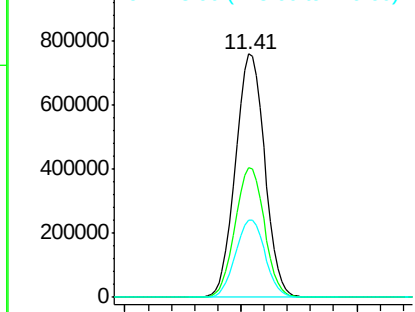
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

Instrument :
MSVOA_N
ClientSampled :
RBR-200052

Tot Ion:117 Resp: 1324504
Ion Ratio Lower Upper
117 100
82 53.5 42.9 64.3
119 32.0 26.0 39.0

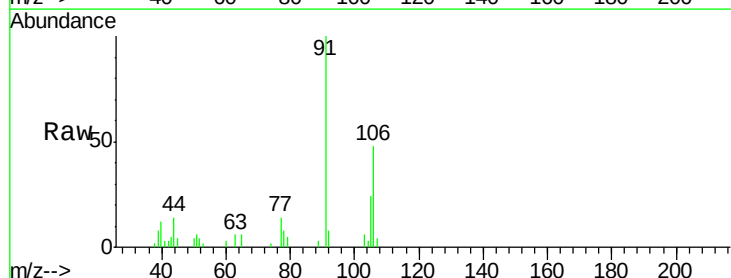


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

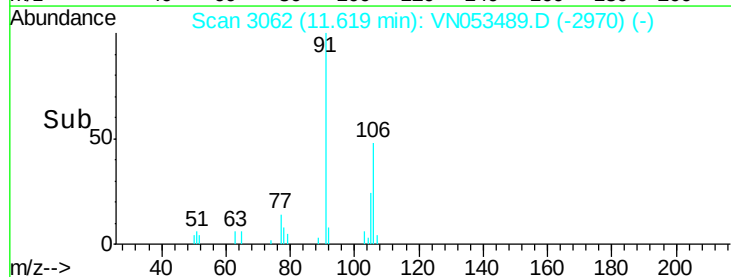
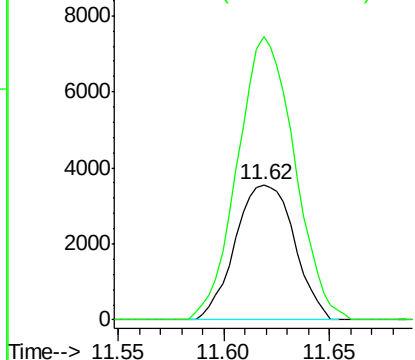


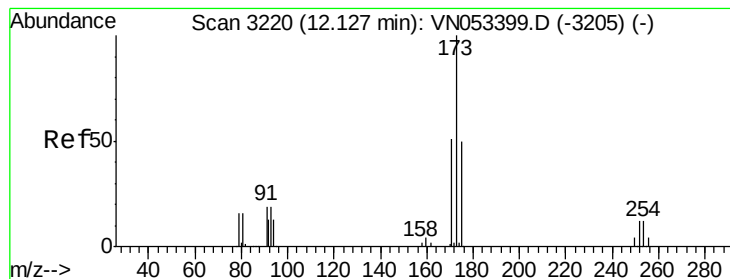
#68
m/p-Xylenes
Concen: 0.383 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

Tgt Ion:106 Resp: 6905
Ion Ratio Lower Upper
106 100
91 203.1 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.618 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

RBR-200052

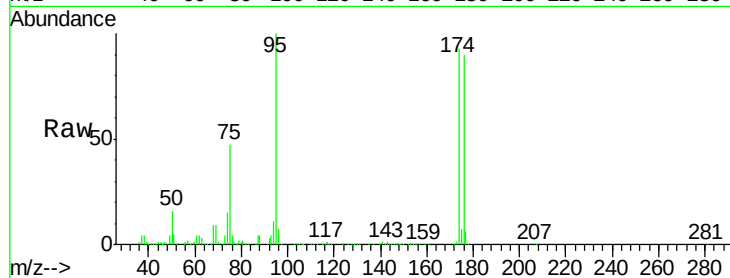
Tot Ion:173 Resp: 4147

Ion Ratio Lower Upper

173 100

175 834.8 24.6 74.0#

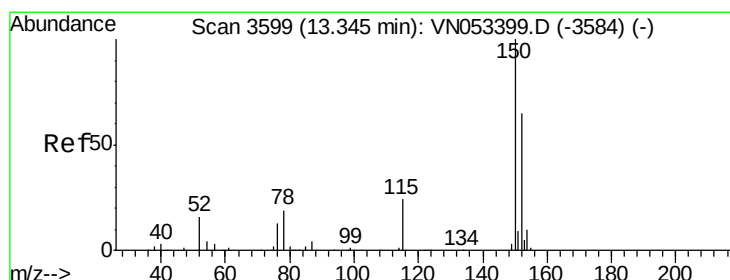
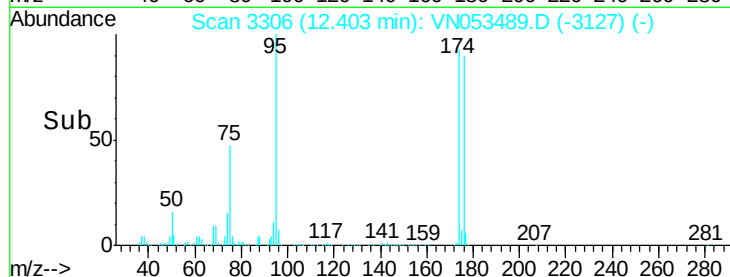
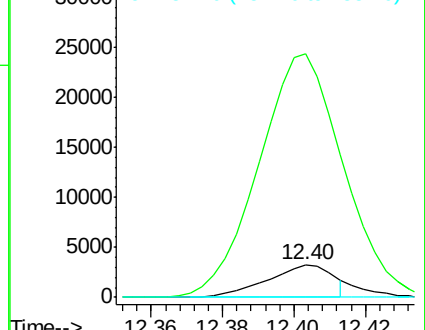
254 0.0 0.2 0.2#



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# 3599

Delta R.T. 0.00 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

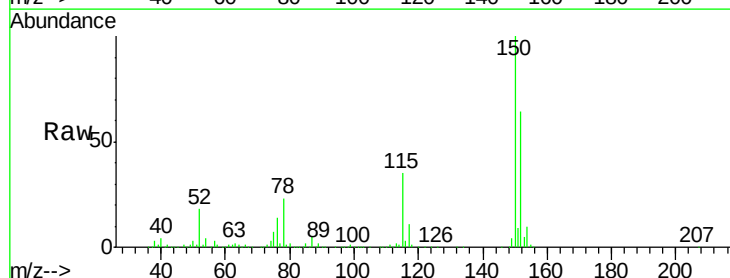
Tgt Ion:152 Resp: 596694

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

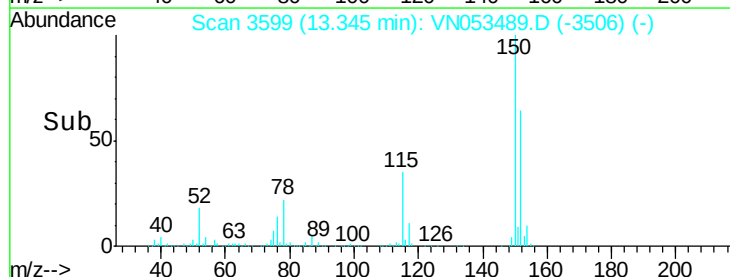
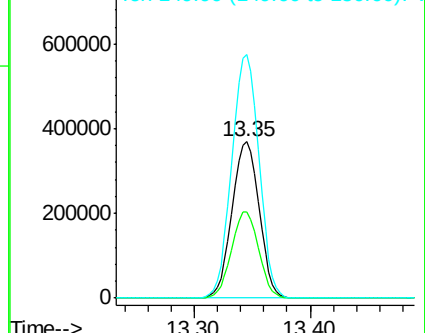
150 155.9 0.0 349.0

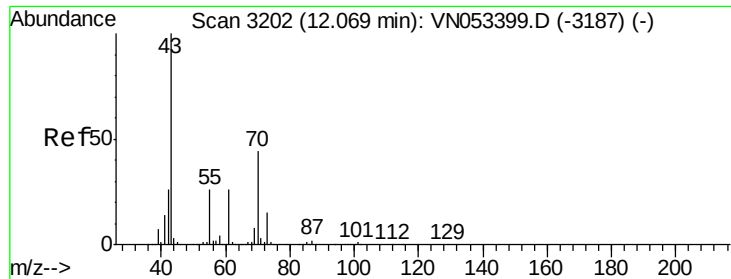


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 2.402 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

RBR-200052

Tot Ion: 43 Resp: 27974

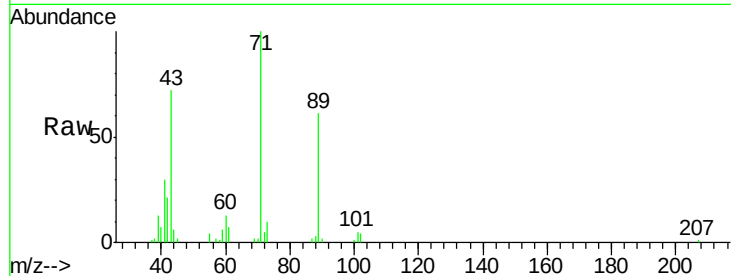
Ion Ratio Lower Upper

43 100

70 2.8 35.4 53.2#

55 5.5 20.9 31.3#

61 10.5 20.5 30.7#

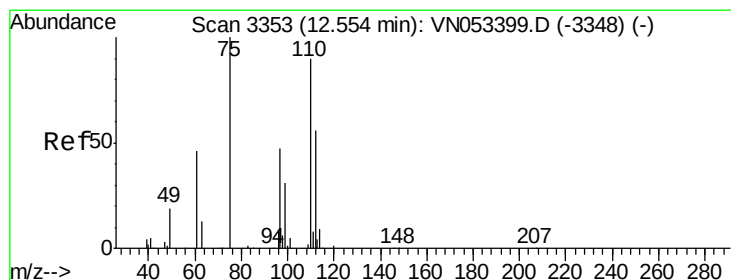
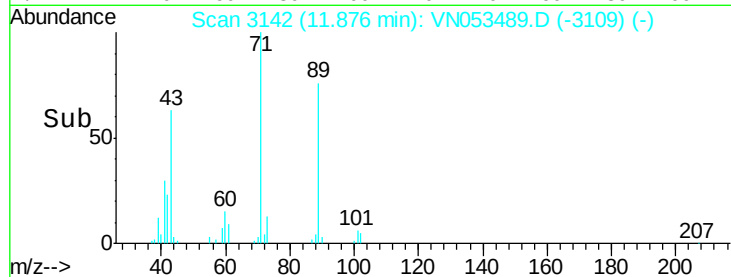
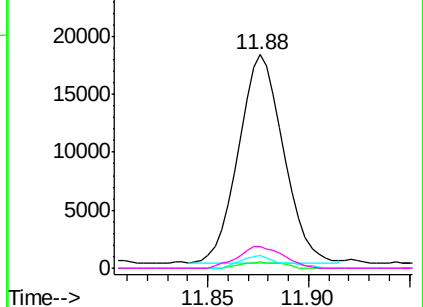


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 35.873 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053489.D

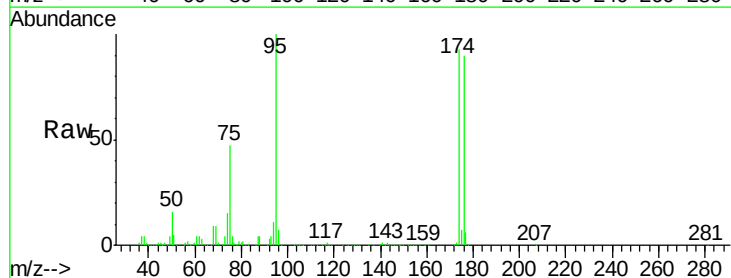
Acq: 18 Jan 2019 22:51

Tgt Ion: 75 Resp: 282083

Ion Ratio Lower Upper

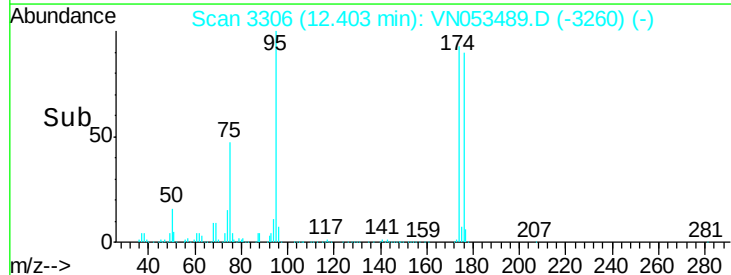
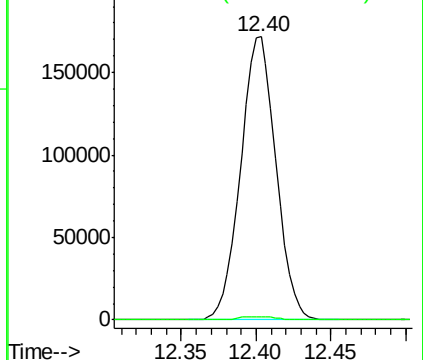
75 100

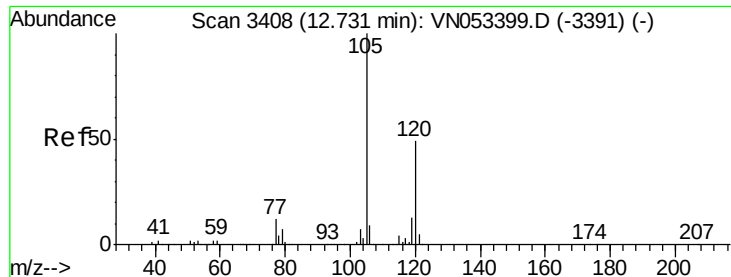
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.305 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

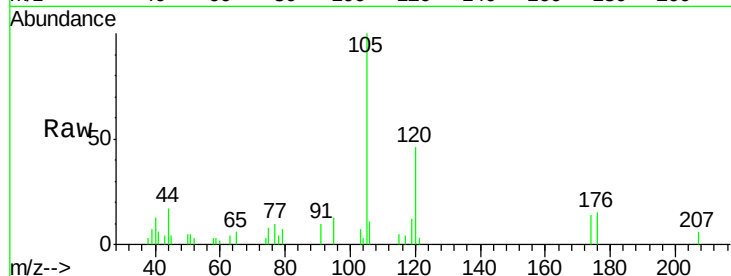
RBR-200052

Tot Ion:105 Resp: 10859

Ion Ratio Lower Upper

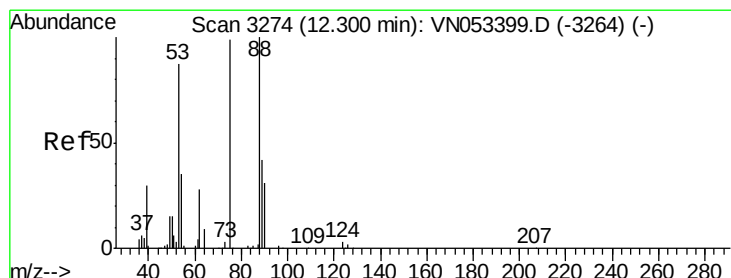
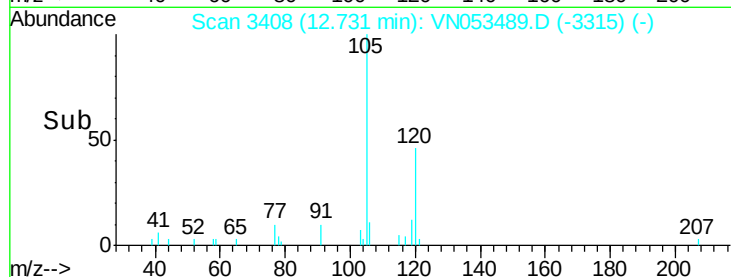
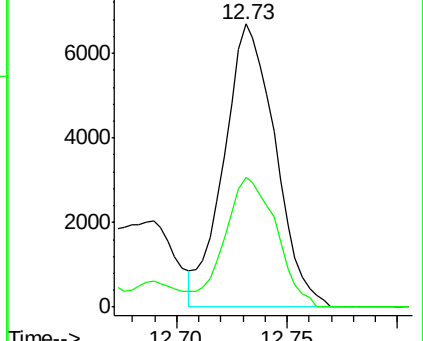
105 100

120 46.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 88.720 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

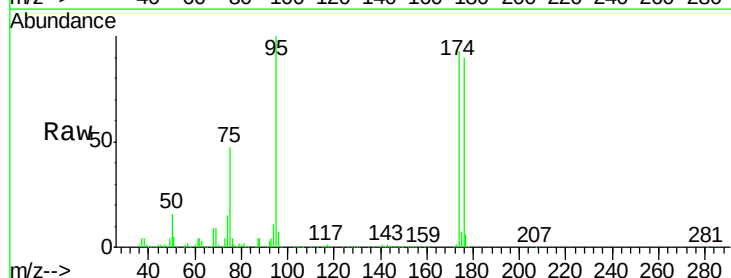
Tgt Ion: 75 Resp: 282083

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

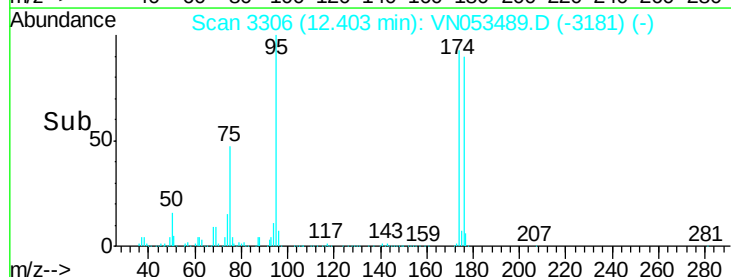
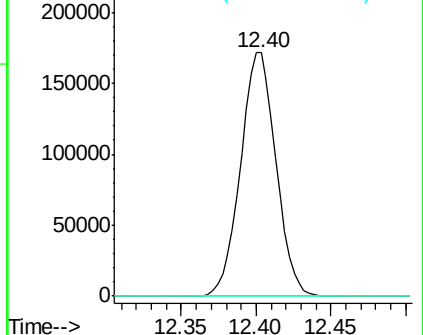
89 0.0 35.6 53.4#

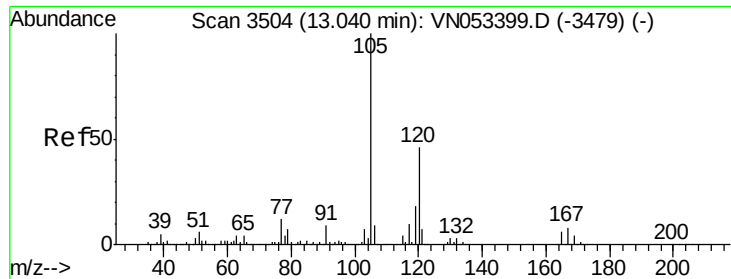


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.484 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

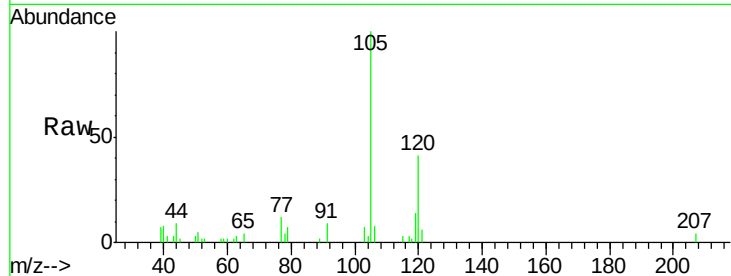
RBR-200052

Tot Ion:105 Resp: 17357

Ion Ratio Lower Upper

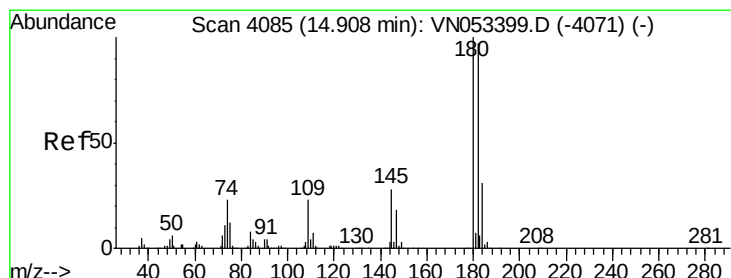
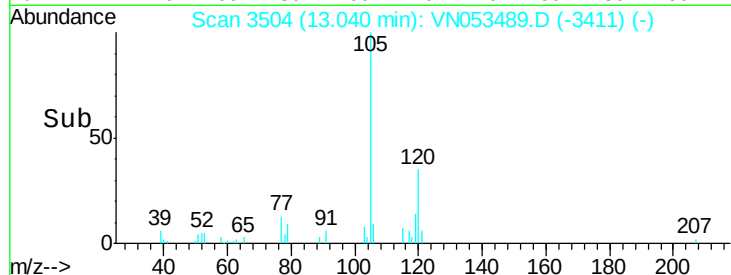
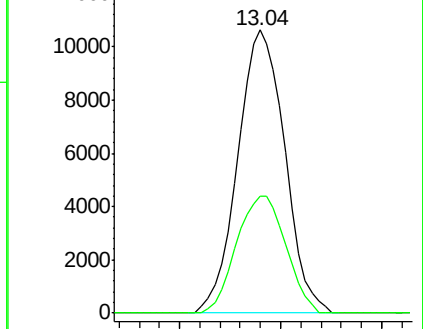
105 100

120 43.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 2.803 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

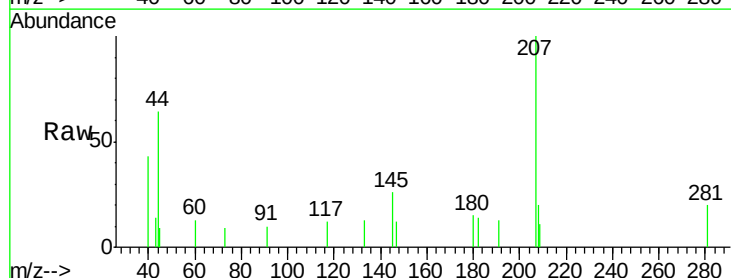
Tgt Ion:180 Resp: 318

Ion Ratio Lower Upper

180 100

182 100.9 48.1 144.3

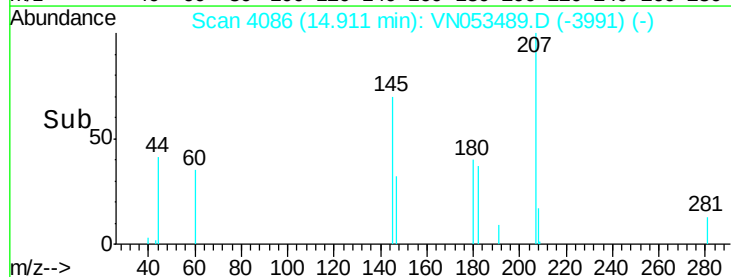
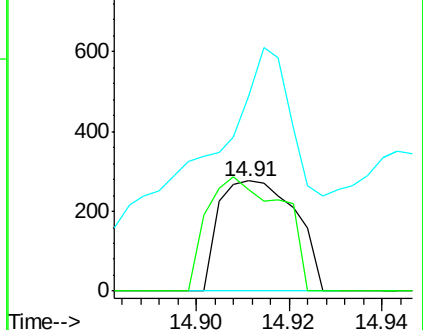
145 312.3 13.9 41.6#

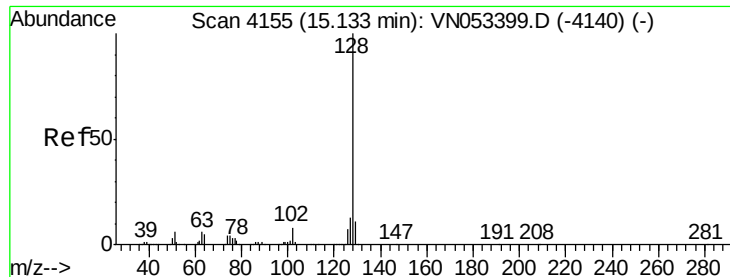


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.620 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

RBR-200052

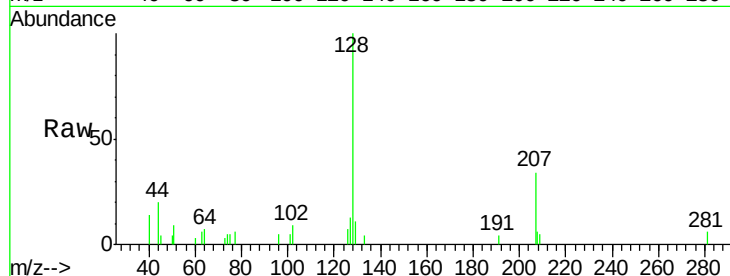
Tot Ion:128 Resp: 10673

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

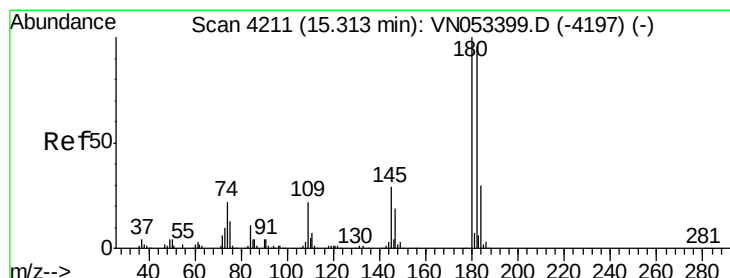
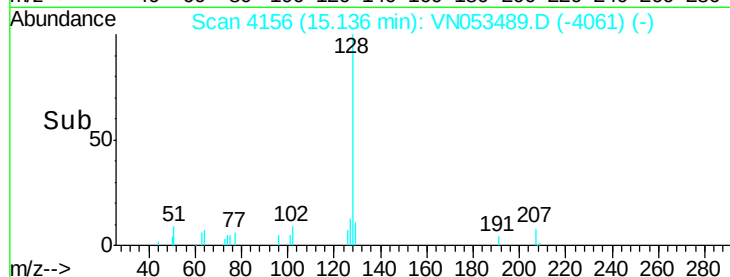
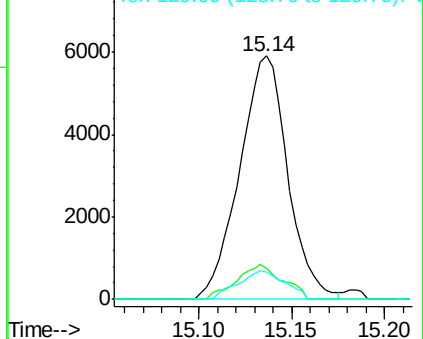
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.935 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

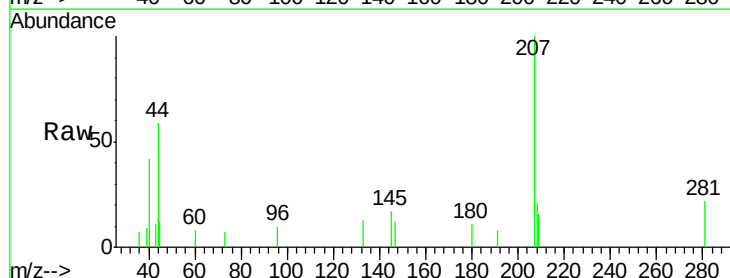
Tgt Ion:180 Resp: 199

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.8#

145 174.4 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

