

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055914.D
 Acq On : 31 May 2019 13:02
 Operator : JC/SP
 Sample : K3104-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-251-688

Quant Time: May 31 18:05:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	386848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	585783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188453	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	195821	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
35) Dibromofluoromethane	7.59	113	170758	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
50) Toluene-d8	10.09	98	702072	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	225040	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	

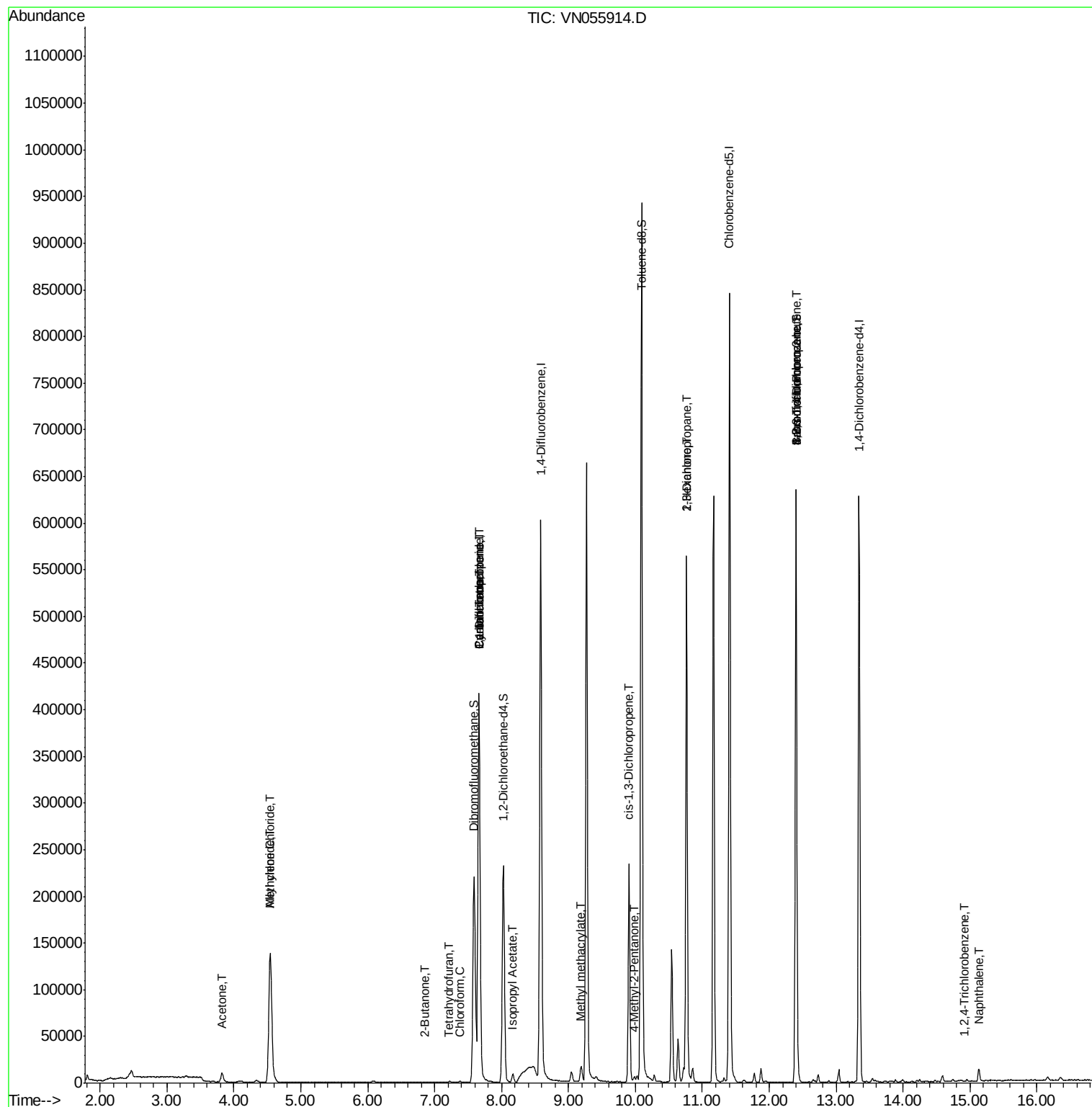
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.54	41	4231	0.750	ug/l #	26
16) Acetone	3.82	43	17198	9.793	ug/l	99
18) Methyl Acetate	4.33	43	4411	Below Cal	#	84
20) Methylene Chloride	4.54	84	116441	30.616	ug/l	96
25) 2-Butanone	6.85	43	597	0.243	ug/l #	47
29) Tetrahydrofuran	7.21	42	439	0.283	ug/l #	61
30) Chloroform	7.37	83	1384	0.217	ug/l #	83
31) Cyclohexane	7.66	56	5934	0.990	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23525	4.608	ug/l #	47
38) Carbon Tetrachloride	7.66	117	33082	6.221	ug/l #	14
43) Isopropyl Acetate	8.17	43	10332	1.246	ug/l #	86
48) Methyl methacrylate	9.18	41	5953	1.558	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	3874	0.791	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	44459	6.975	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	6124	0.972	ug/l #	42
59) 2-Hexanone	10.76	43	81100	23.350	ug/l #	50
71) Bromoform	12.40	173	1548	0.427	ug/l #	1
73) Isopropylbenzene	12.25	105	299	Below Cal	#	48
74) N-amyl acetate	12.06	43	440	Below Cal	#	43
76) 1,2,3-Trichloropropane	12.40	75	105151	31.222	ug/l #	100
79) 2-Chlorotoluene	12.66	91	586	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	4777	Below Cal		90
81) trans-1,4-Dichloro-2-buten	12.40	75	105151	75.074	ug/l #	15
83) tert-Butylbenzene	13.04	119	973	Below Cal	#	72
84) 1,2,4-Trimethylbenzene	13.04	105	8795	Below Cal		99
85) sec-Butylbenzene	13.17	105	663	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	153	3.676	ug/l #	43
95) Naphthalene	15.13	128	13218	1.516	ug/l	99

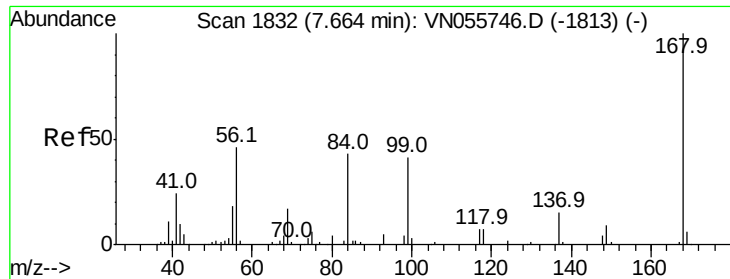
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 31 18:05:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

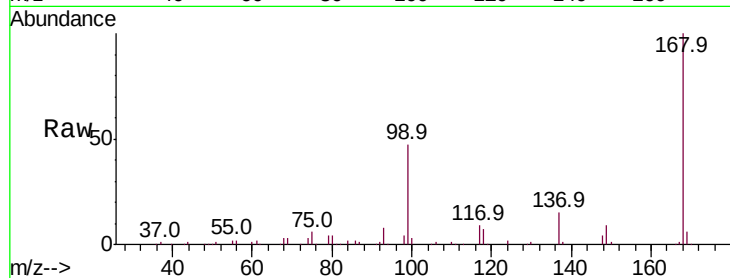
RBR-251-688

Tot Ion:168 Resp: 386848

Ion Ratio Lower Upper

168 100

99 47.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

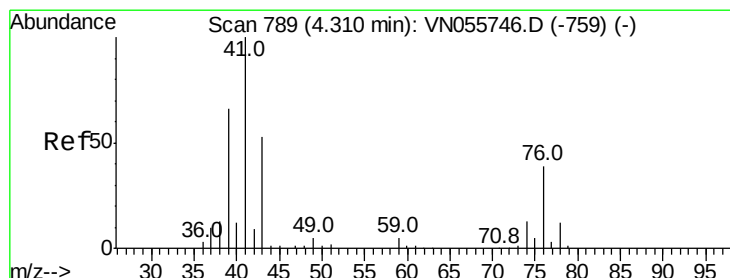
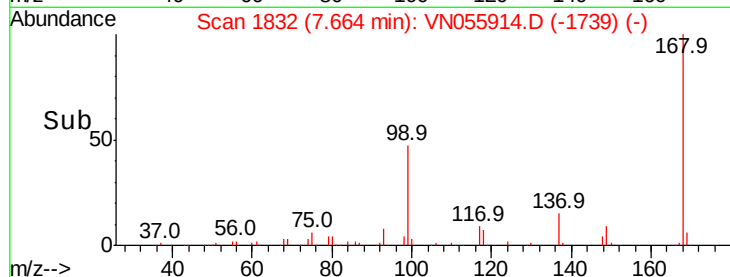
100000

50000

0

Time-->

7.60 7.70 7.80



#14

Allyl chloride

Concen: 0.750 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.23 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

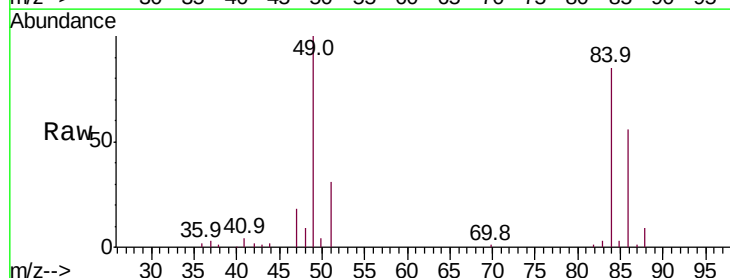
Tgt Ion: 41 Resp: 4231

Ion Ratio Lower Upper

41 100

39 0.0 50.0 75.0#

76 0.0 28.2 42.2#



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

2000

1500

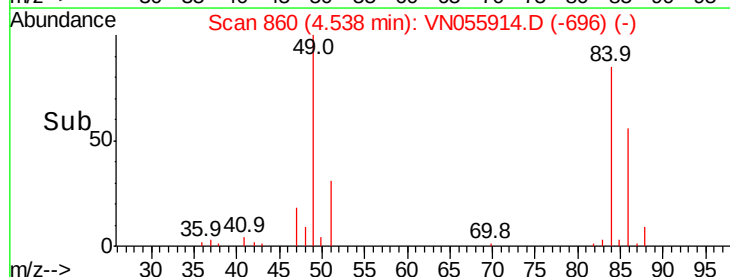
1000

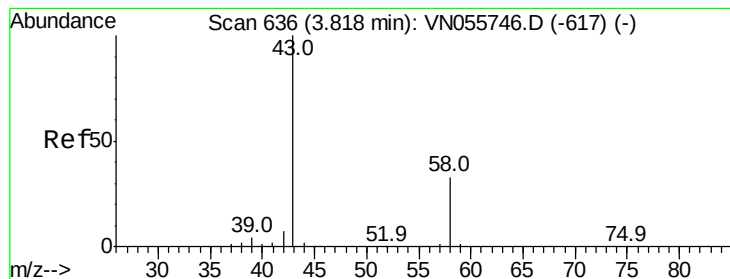
500

0

Time-->

4.45 4.50 4.55 4.60





#16

Acetone

Concen: 9.793 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

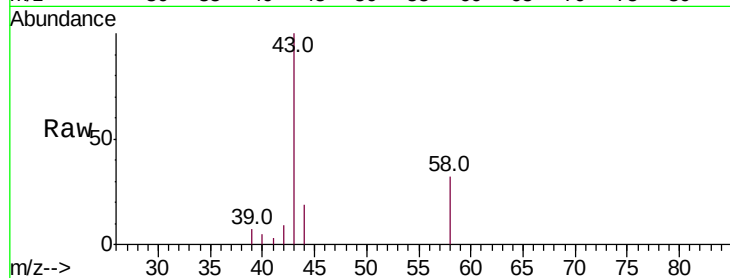
RBR-251-688

Tot Ion: 43 Resp: 17198

Ion Ratio Lower Upper

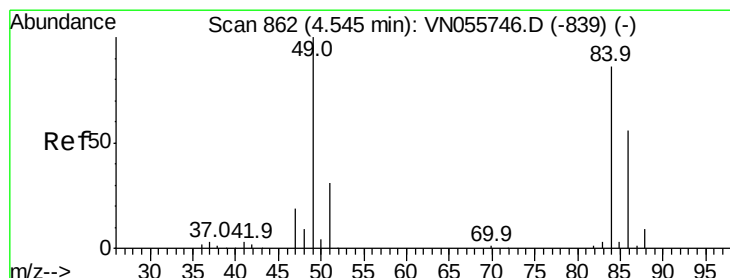
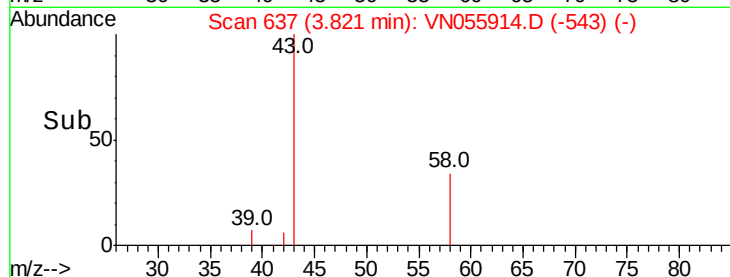
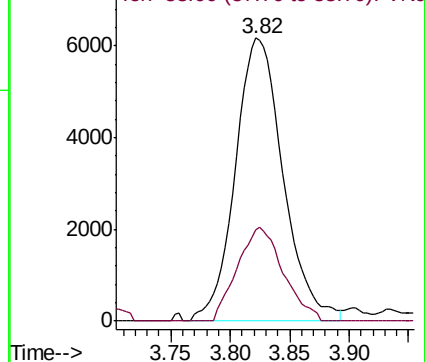
43 100

58 32.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#20

Methylene Chloride

Concen: 30.616 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Tgt Ion: 84 Resp: 116441

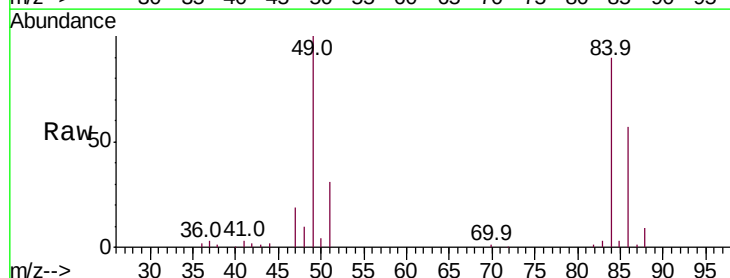
Ion Ratio Lower Upper

84 100

49 111.6 93.5 140.3

51 34.8 28.6 43.0

86 63.3 52.6 79.0

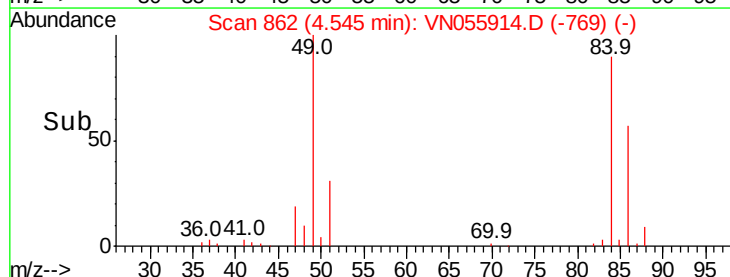
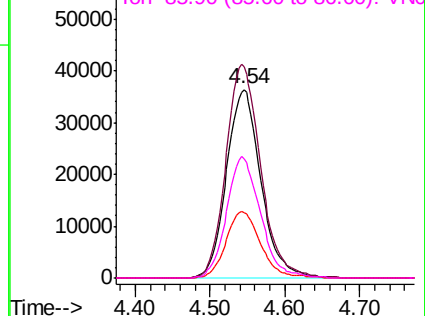


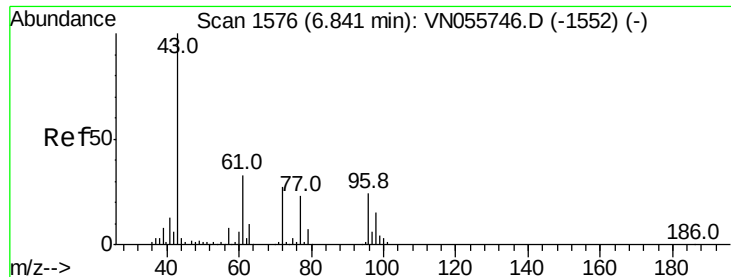
Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC





#25

2-Butanone

Concen: 0.243 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

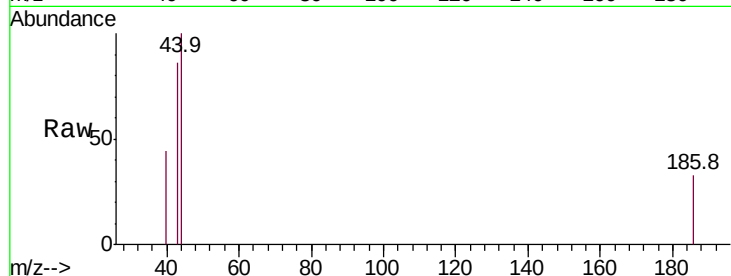
RBR-251-688

Tot Ion: 43 Resp: 597

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

6.85

400

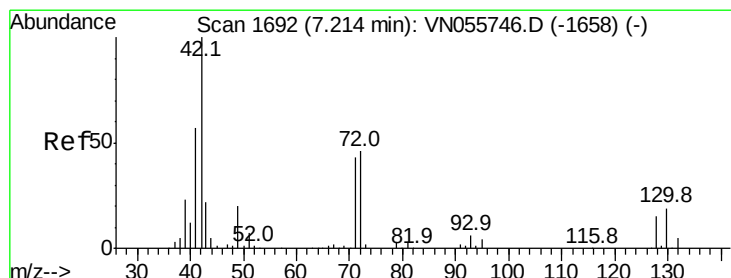
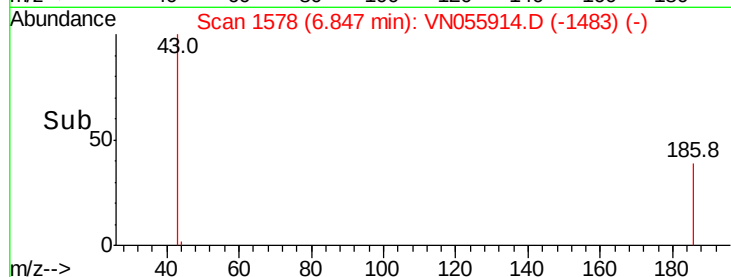
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 0.283 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

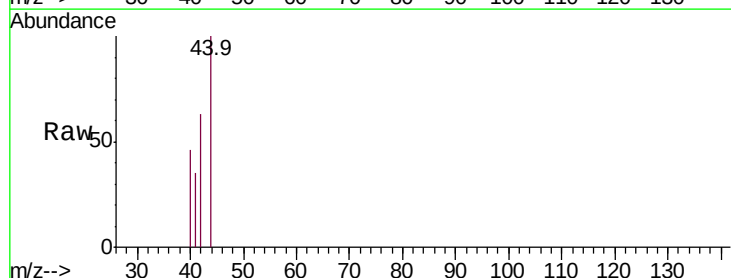
Tgt Ion: 42 Resp: 439

Ion Ratio Lower Upper

42 100

72 6.8 35.9 53.9#

71 30.3 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO

600

500

400

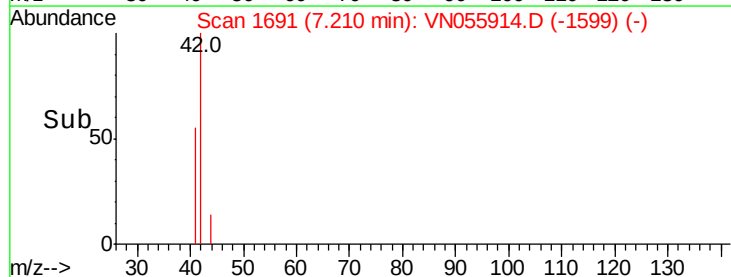
300

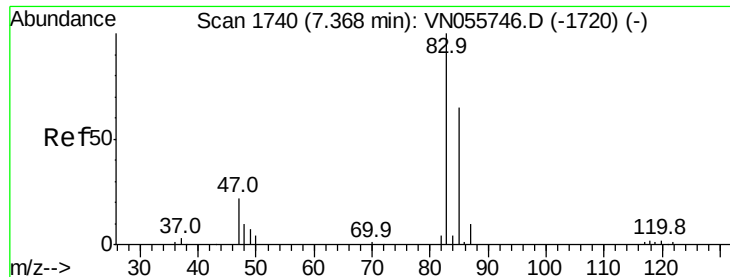
200

100

0

Time-->





#30

Chloroform

Concen: 0.217 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

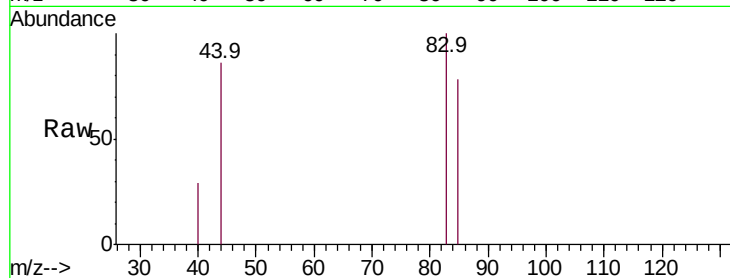
RBR-251-688

Tot Ion: 83 Resp: 1384

Ion Ratio Lower Upper

83 100

85 77.8 51.8 77.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.37

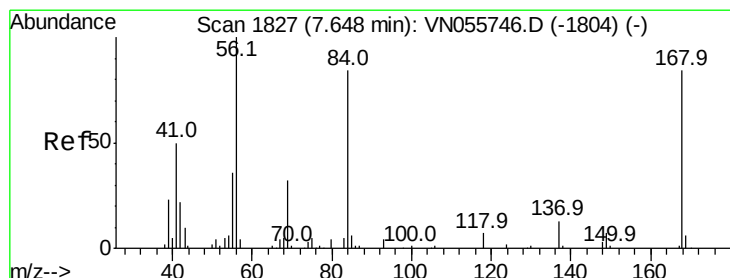
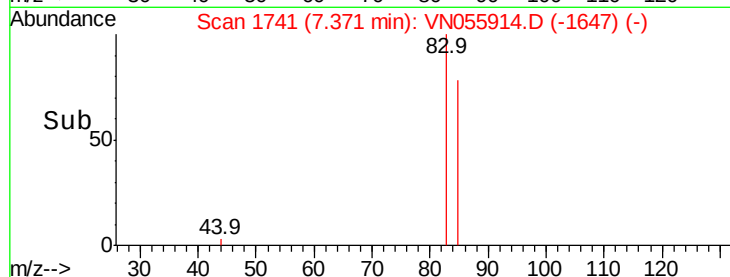
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 0.990 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

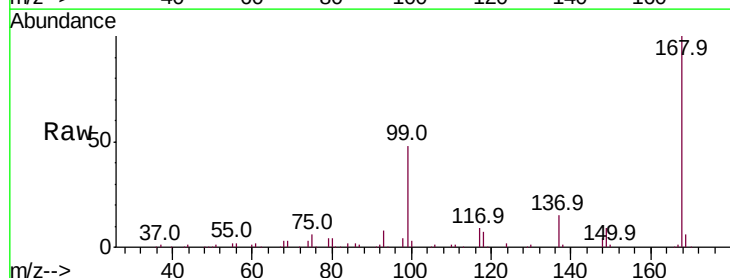
Tgt Ion: 56 Resp: 5934

Ion Ratio Lower Upper

56 100

69 176.1 25.6 38.4#

84 150.7 67.4 101.0#



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

6000

5000

4000

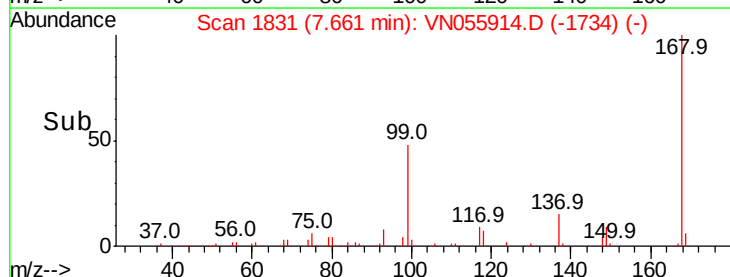
3000

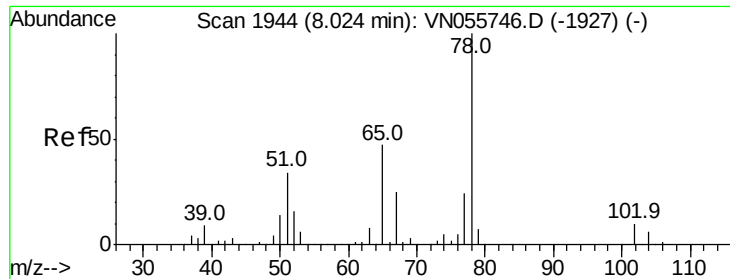
2000

1000

0

Time-->

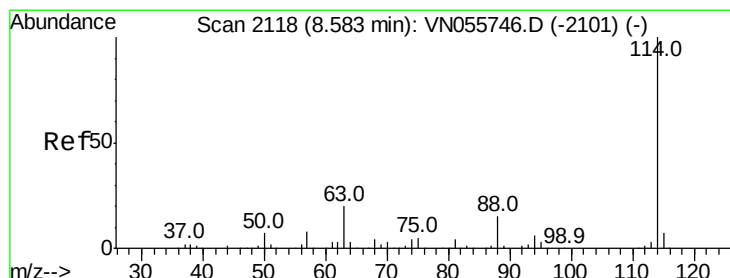
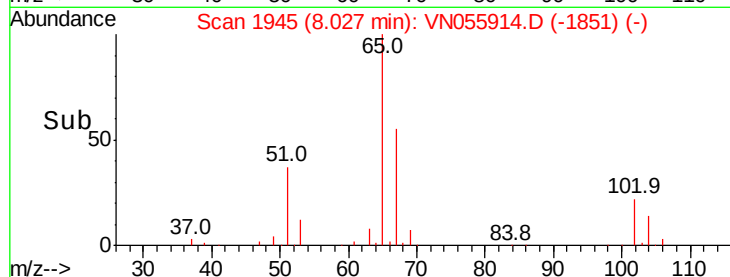
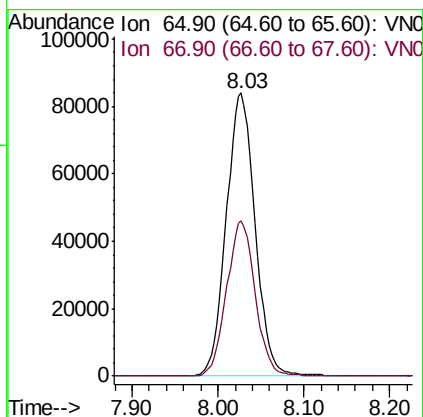
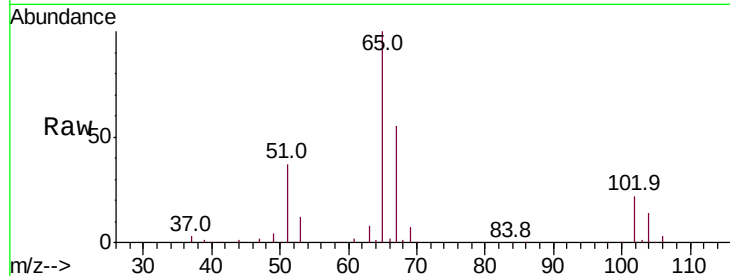




#33
 1,2-Dichloroethane-d4
 Concen: 49.016 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055914.D
 Acq: 31 May 2019 13:02

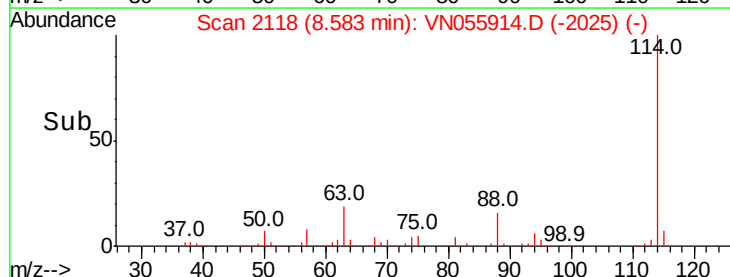
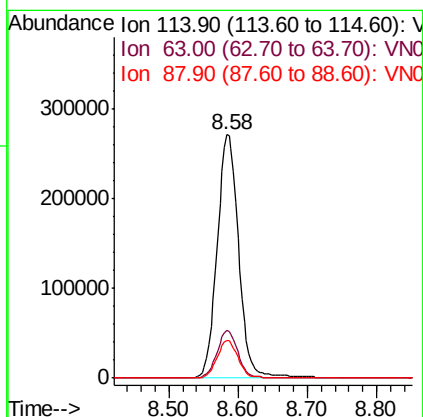
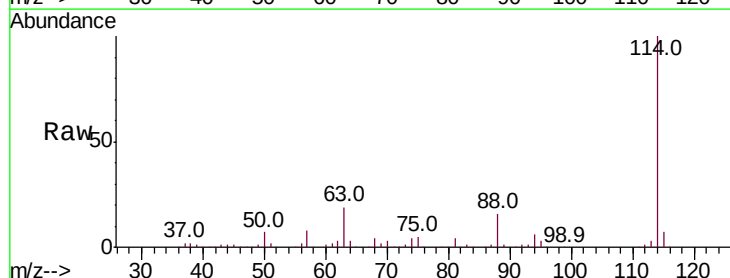
Instrument :
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 RBR-251-688

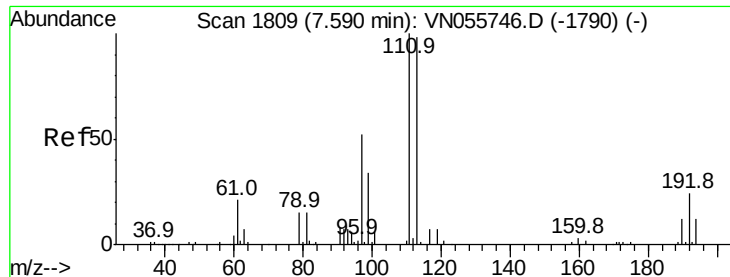
Tot Ion: 65 Resp: 195821
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055914.D
 Acq: 31 May 2019 13:02

Tgt Ion: 114 Resp: 585783
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.6 0.0 31.0

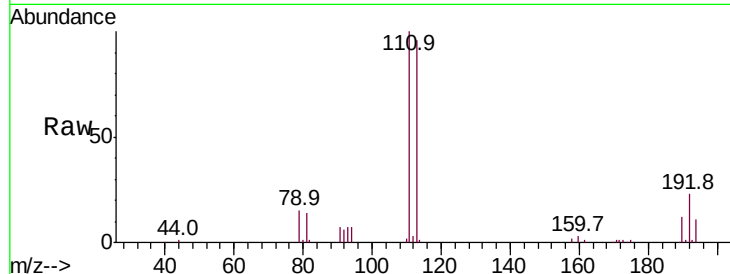




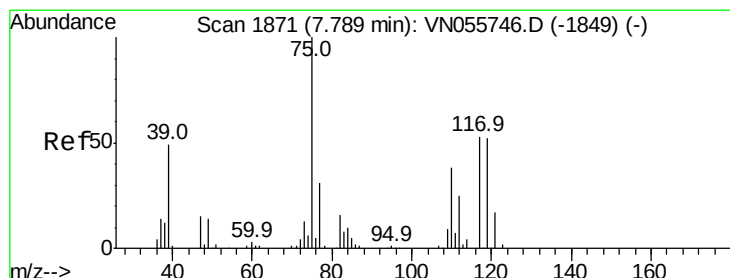
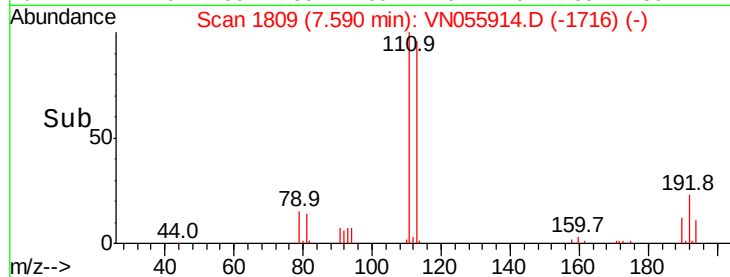
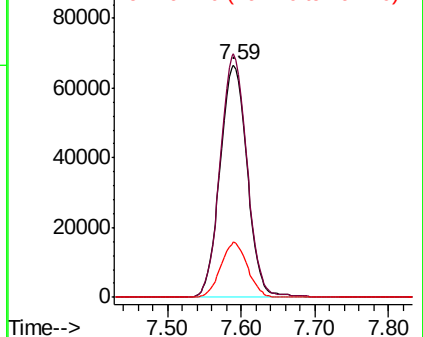
#35
 Dibromofluoromethane
 Concen: 46.107 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055914.D
 Acq: 31 May 2019 13:02

Instrument :
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Tot Ion:113 Resp: 170758
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 23.3 19.5 29.3

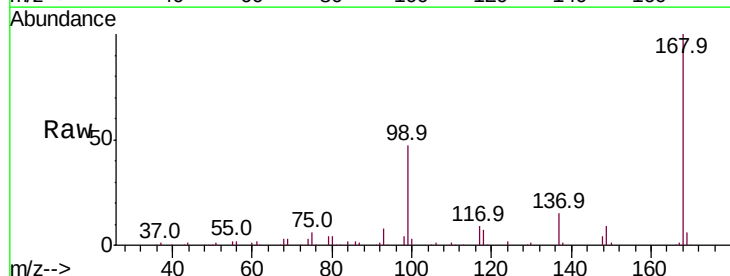


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

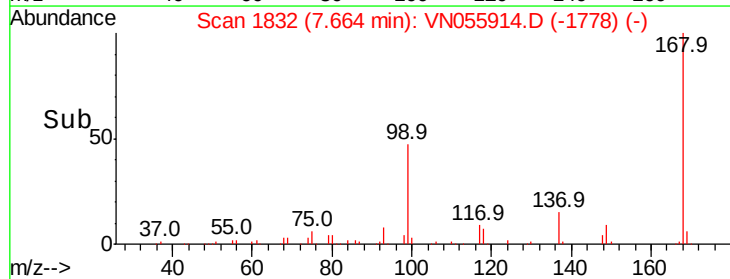
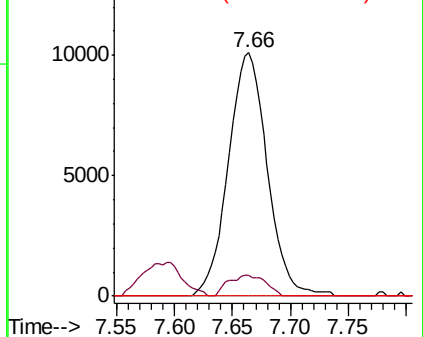


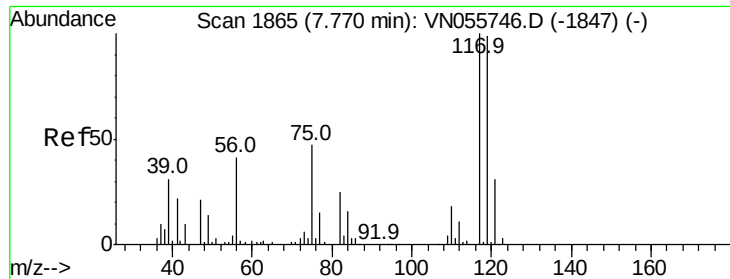
#36
 1,1-Dichloropropene
 Concen: 4.608 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055914.D
 Acq: 31 May 2019 13:02

Tgt Ion: 75 Resp: 23525
 Ion Ratio Lower Upper
 75 100
 110 8.3 19.0 57.0#
 77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

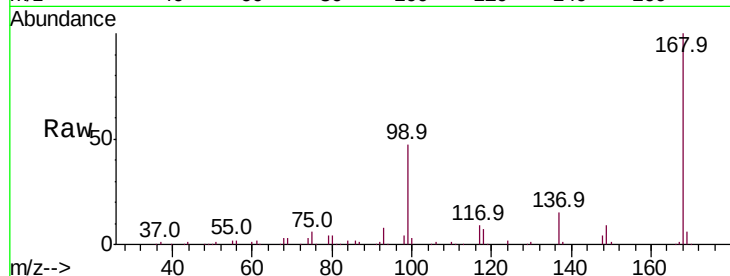




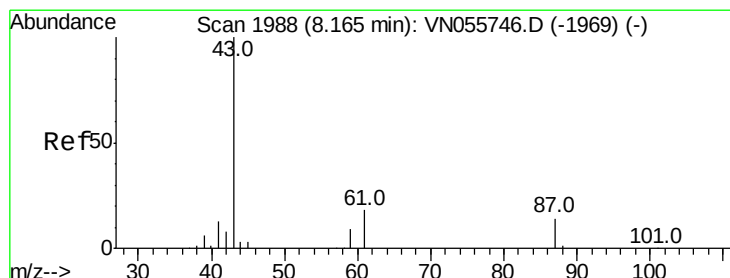
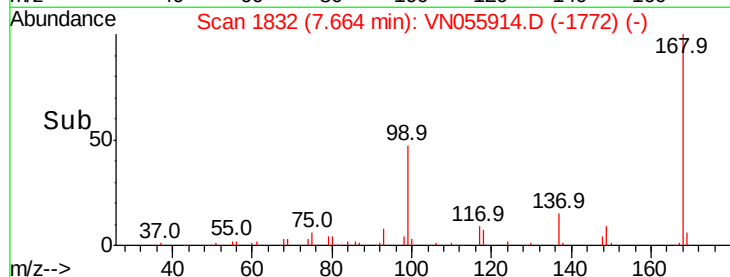
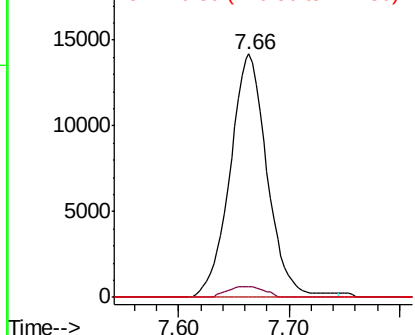
#38
Carbon Tetrachloride
Concen: 6.221 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055914.D
Acq: 31 May 2019 13:02

Instrument :
MSVOA_N
ClientSampled :
RBR-251-688

Tot Ion:117 Resp: 33082
Ion Ratio Lower Upper
117 100
119 4.6 79.0 118.6#
121 0.0 24.7 37.1#

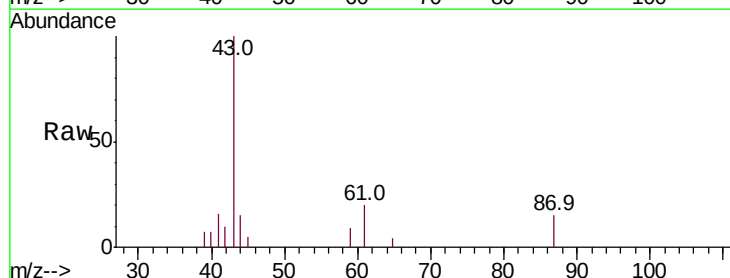


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

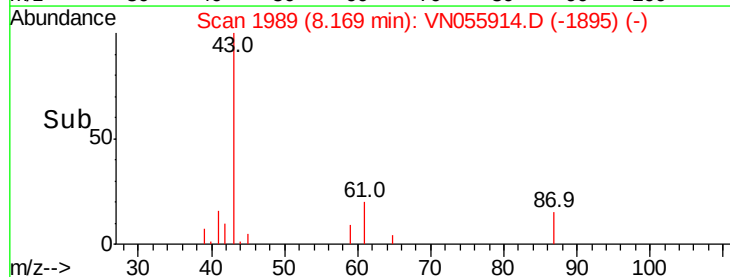
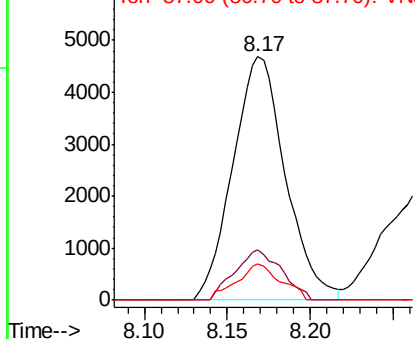


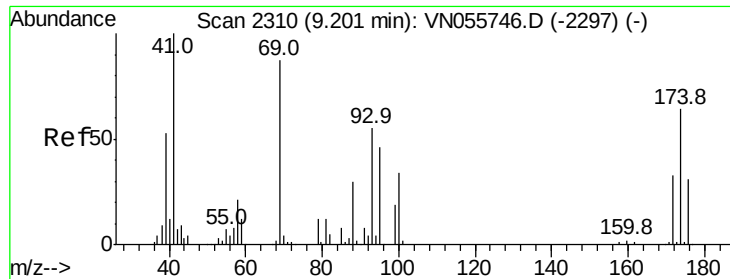
#43
Isopropyl Acetate
Concen: 1.246 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN055914.D
Acq: 31 May 2019 13:02

Tgt Ion: 43 Resp: 10332
Ion Ratio Lower Upper
43 100
61 18.3 22.2 33.4#
87 12.3 11.4 17.2



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

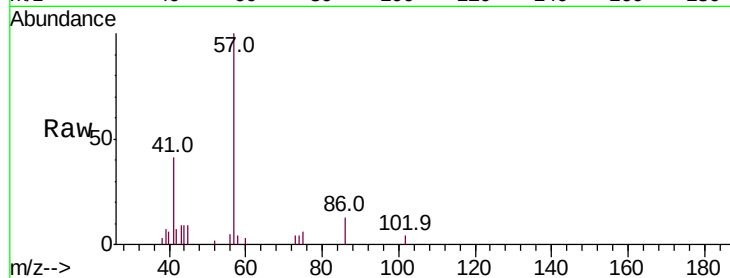




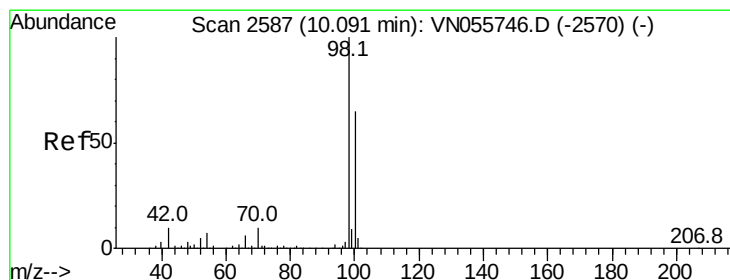
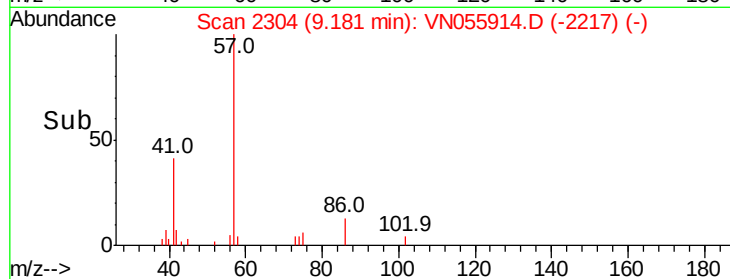
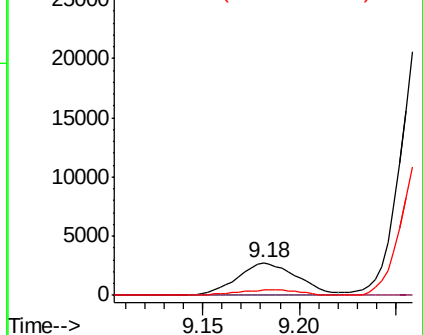
#48
Methvl methacrylate
Concen: 1.558 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055914.D
Acq: 31 May 2019 13:02

Instrument :
MSVOA_N
ClientSampled :
RBR-251-688

Tot Ion: 41 Resp: 5953
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 17.4 44.2 66.2#

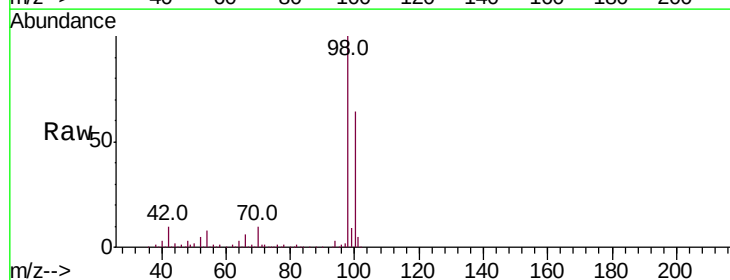


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

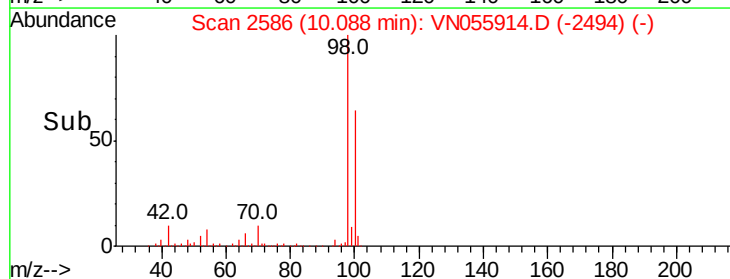
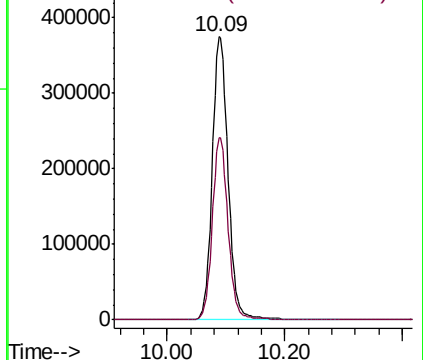


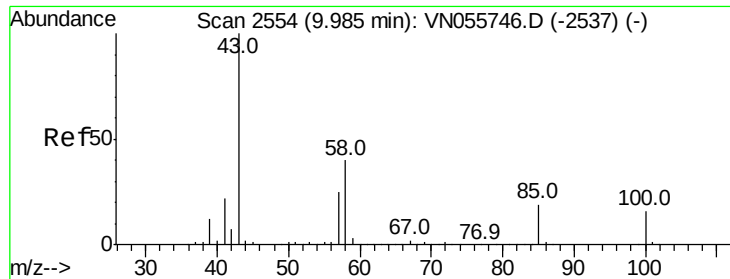
#50
Toluene-d8
Concen: 49.420 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055914.D
Acq: 31 May 2019 13:02

Tgt Ion: 98 Resp: 702072
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 0.791 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

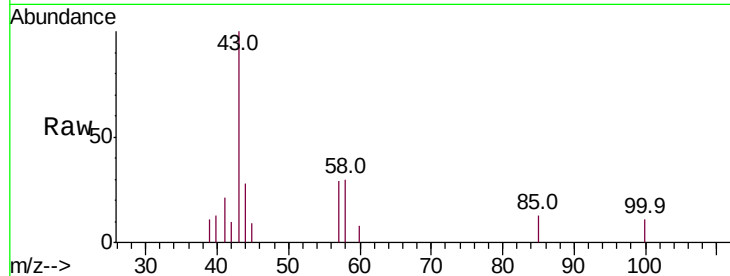
RBR-251-688

Tot Ion: 43 Resp: 3874

Ion Ratio Lower Upper

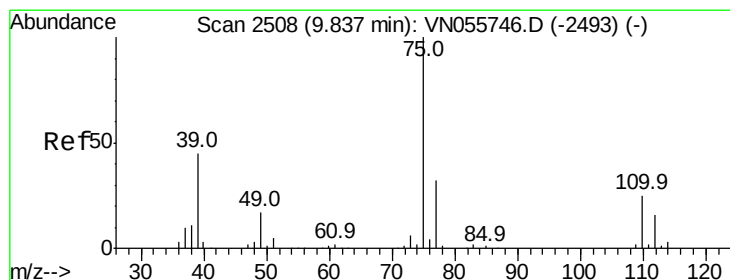
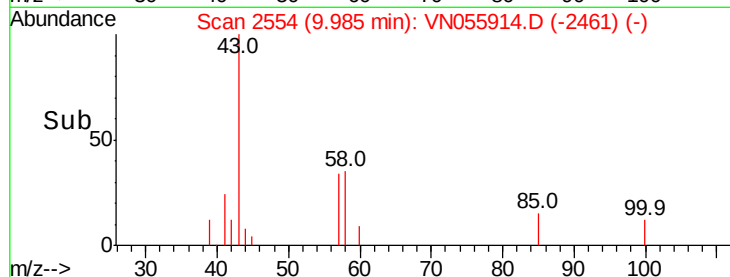
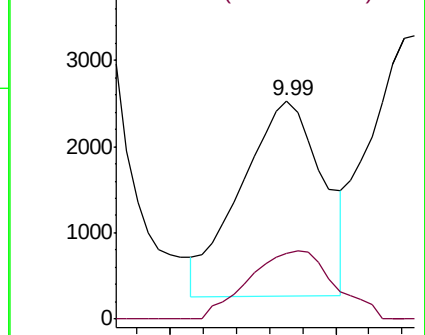
43 100

58 36.8 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.975 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

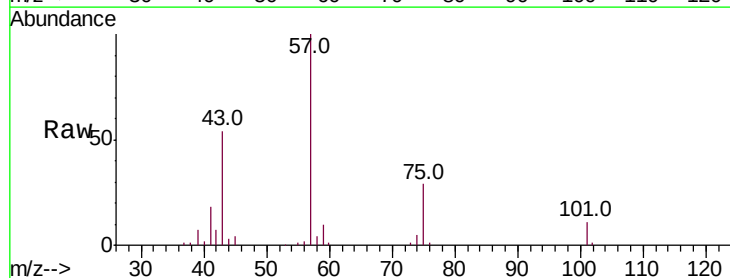
Tgt Ion: 75 Resp: 44459

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

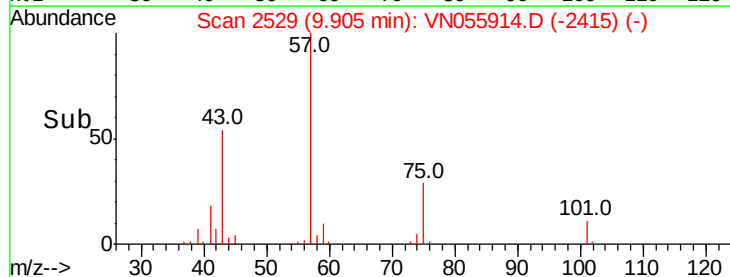
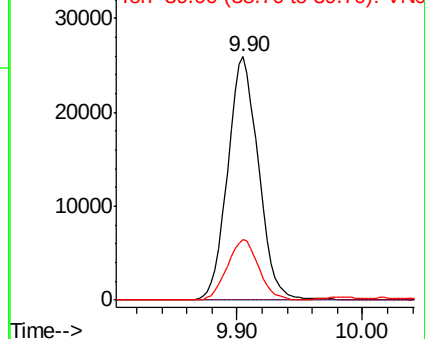
39 24.8 36.3 54.5#

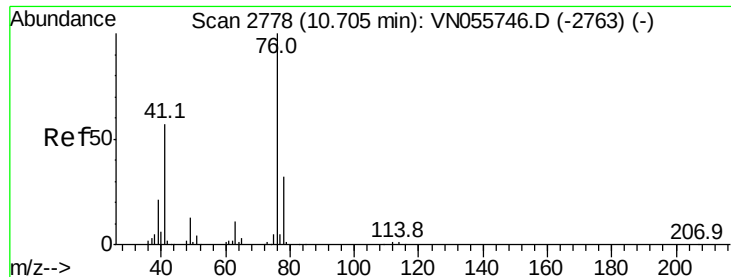


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.972 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

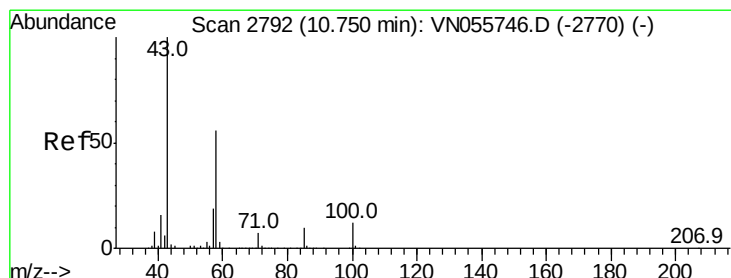
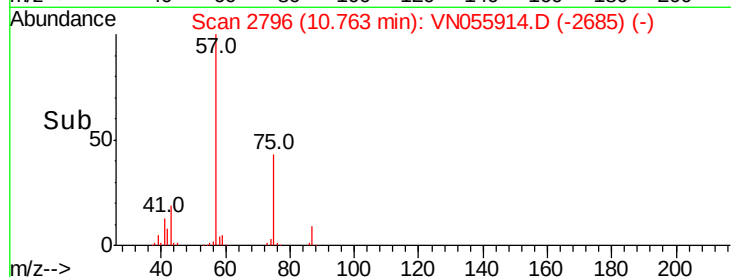
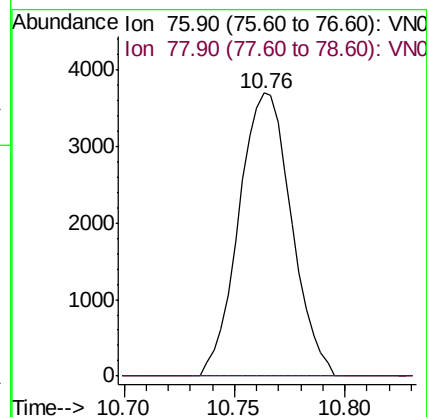
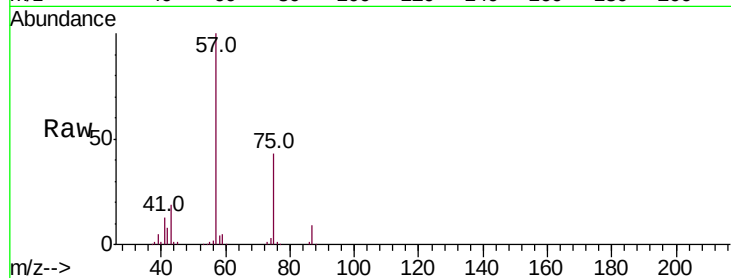
RBR-251-688

Tot Ion: 76 Resp: 6124

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



#59

2-Hexanone

Concen: 23.350 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055914.D

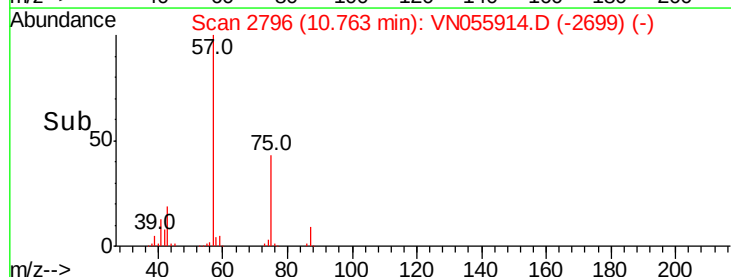
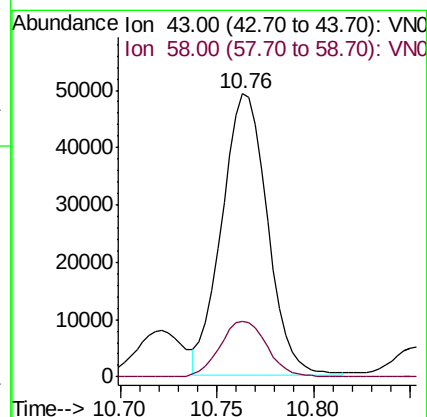
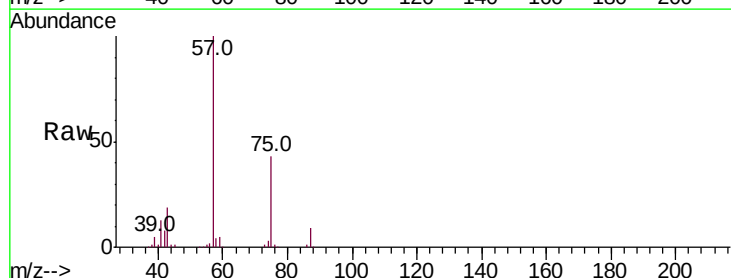
Acq: 31 May 2019 13:02

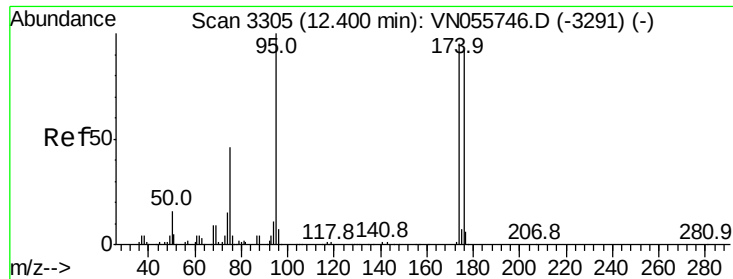
Tgt Ion: 43 Resp: 81100

Ion Ratio Lower Upper

43 100

58 20.1 28.2 84.7#

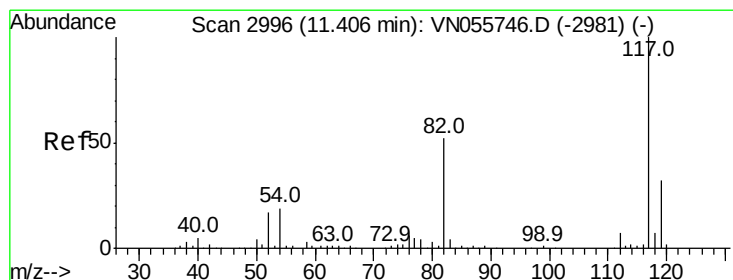
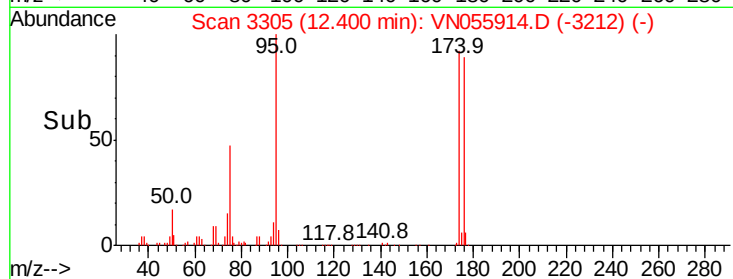
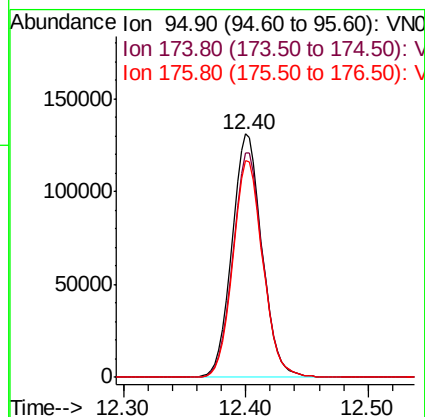
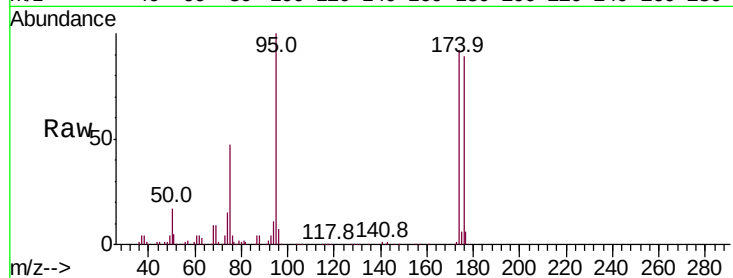




#62
4-Bromofluorobenzene
Concen: 46.198 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055914.D
Acq: 31 May 2019 13:02

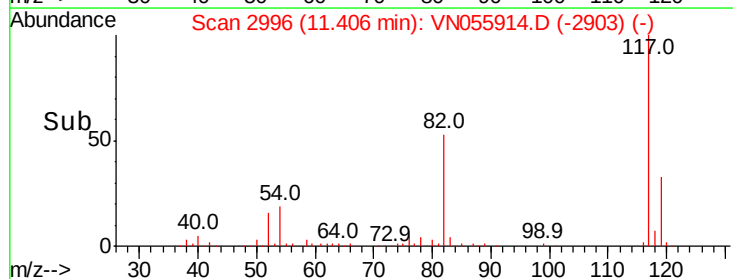
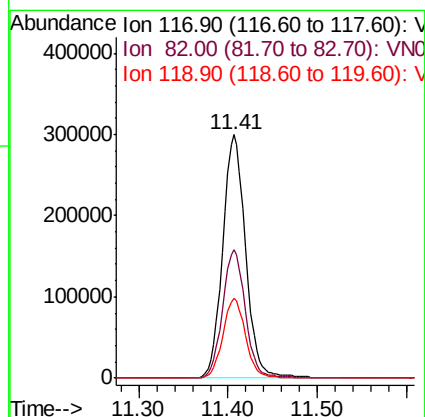
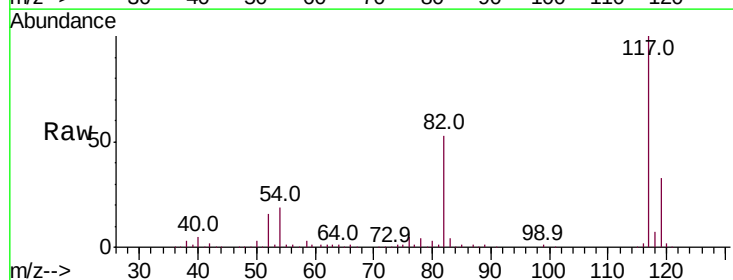
Instrument :
MSVOA_N
ClientSampleId :
RBR-251-688

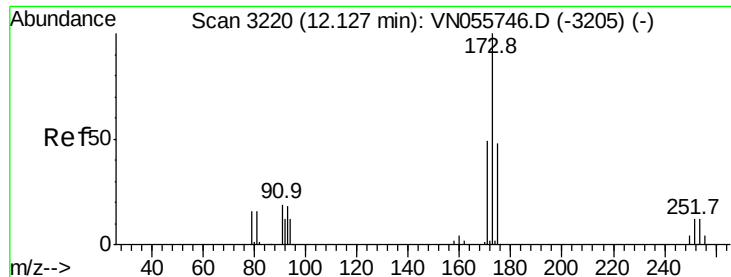
Tot Ion: 95 Resp: 225040
Ion Ratio Lower Upper
95 100
174 92.0 0.0 191.0
176 88.6 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055914.D
Acq: 31 May 2019 13:02

Tgt Ion: 117 Resp: 532596
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 32.6 25.4 38.0





#71

Bromoform

Concen: 0.427 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

RBR-251-688

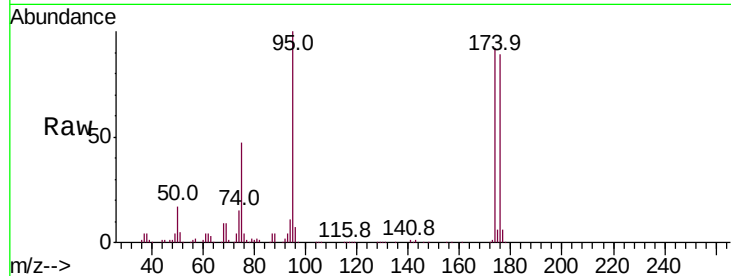
Tot Ion:173 Resp: 1548

Ion Ratio Lower Upper

173 100

175 836.7 24.3 72.8#

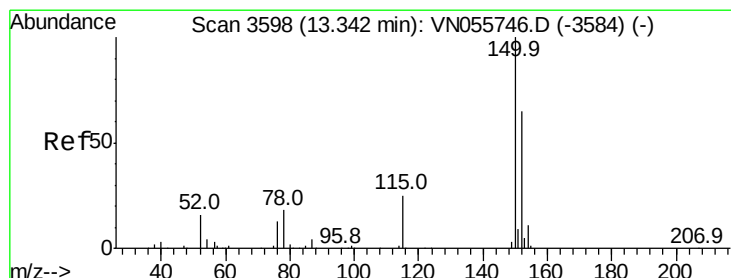
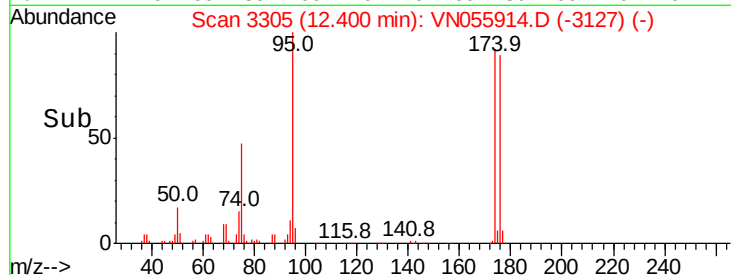
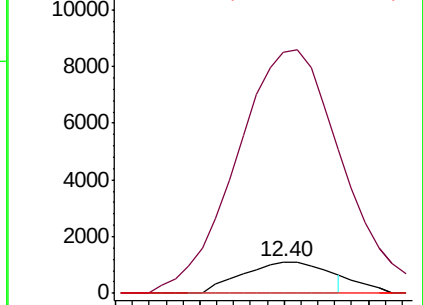
254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

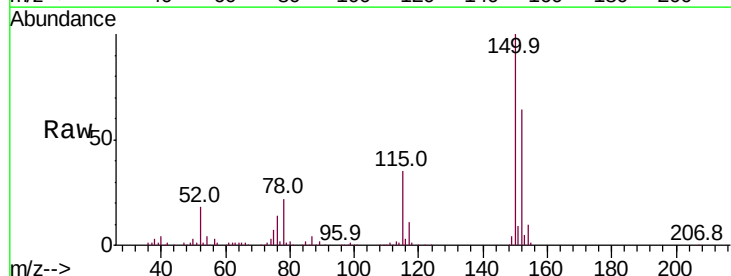
Tgt Ion:152 Resp: 188453

Ion Ratio Lower Upper

152 100

115 54.2 27.0 81.0

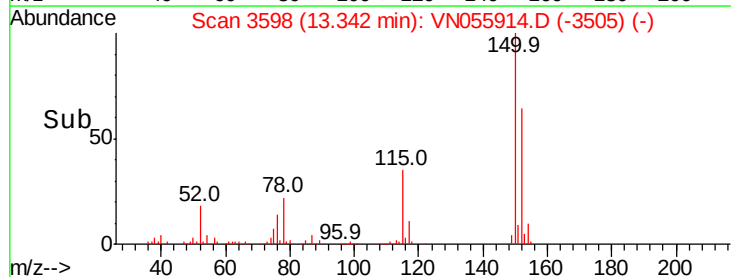
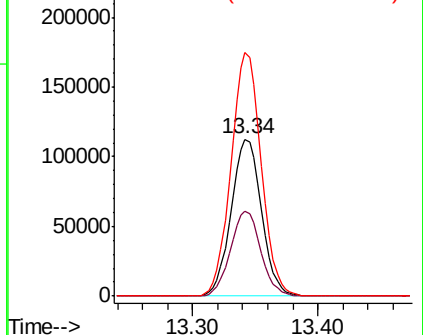
150 154.3 0.0 343.2

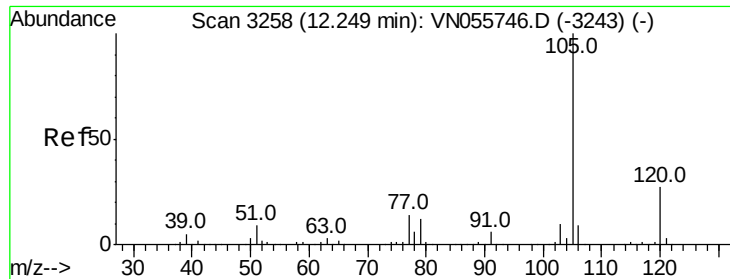


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

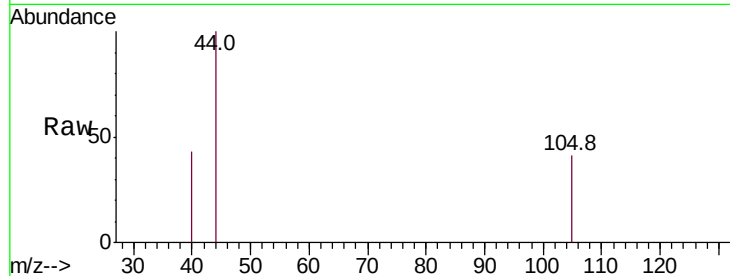
RBR-251-688

Tot Ion:105 Resp: 299

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

250

200

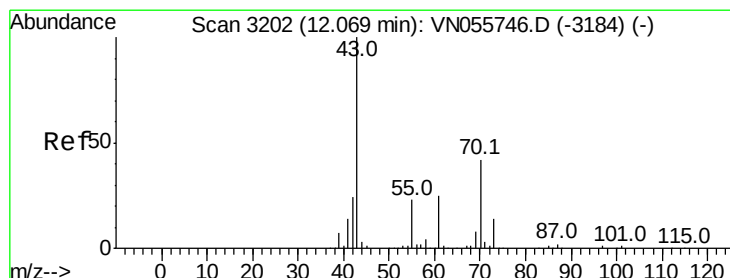
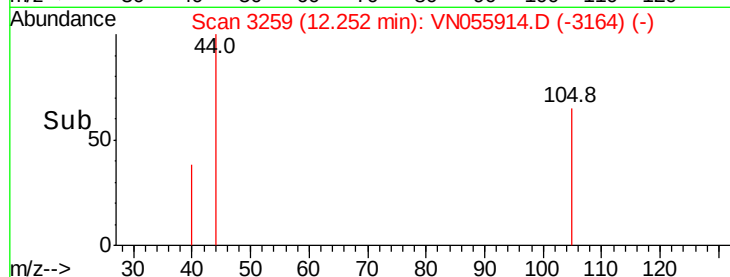
150

100

50

0

Time--> 12.22 12.24 12.26



#74

N-ethyl acetate

Concen: Below Cal

RT: 12.06 min Scan# 3200

Delta R.T. -0.01 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Tgt Ion: 43 Resp: 440

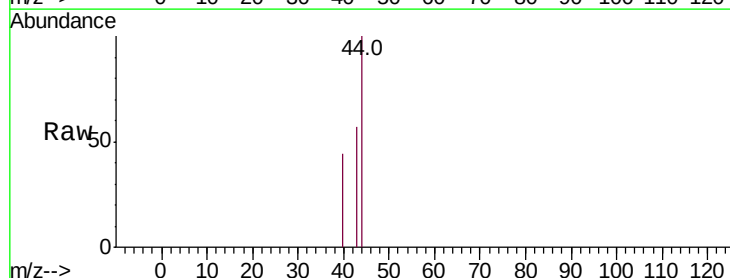
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#



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

12.06

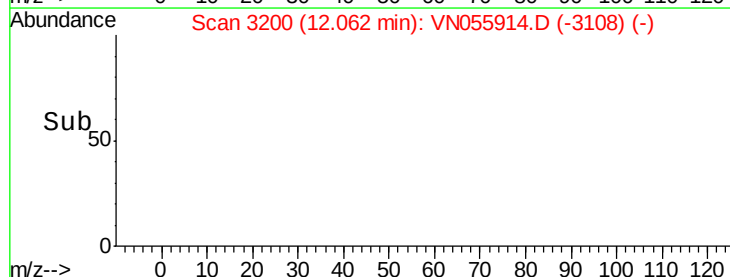
300

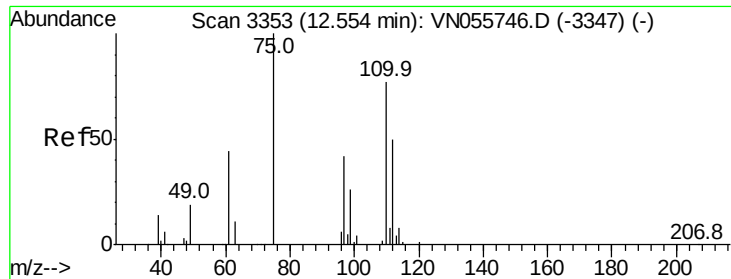
200

100

0

Time--> 12.04 12.06 12.08





#76

1,2,3-Trichloropropane

Concen: 31.222 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

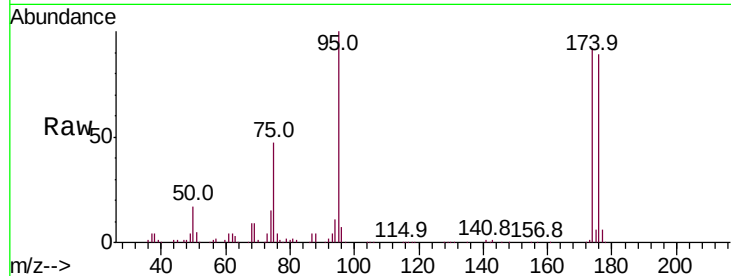
RBR-251-688

Tot Ion: 75 Resp: 105151

Ion Ratio Lower Upper

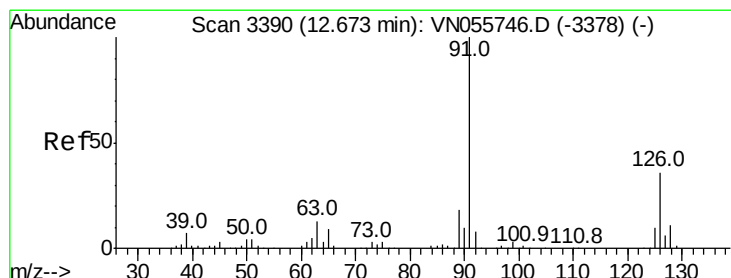
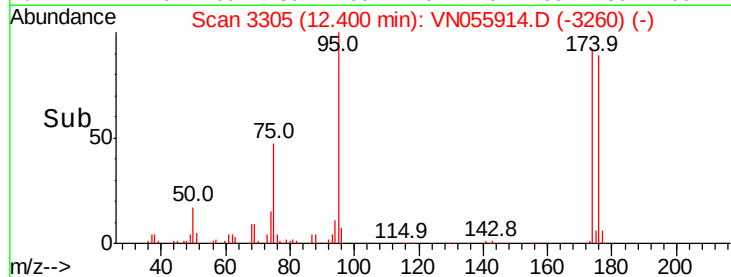
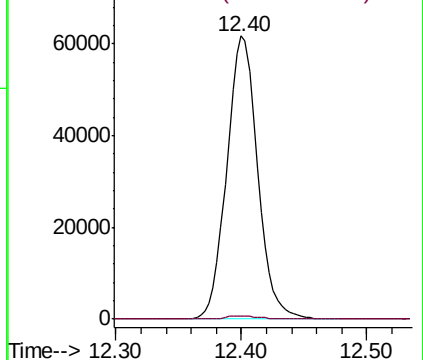
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3386

Delta R.T. -0.01 min

Lab File: VN055914.D

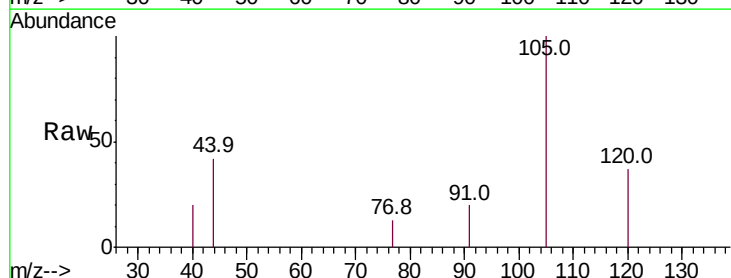
Acq: 31 May 2019 13:02

Tgt Ion: 91 Resp: 586

Ion Ratio Lower Upper

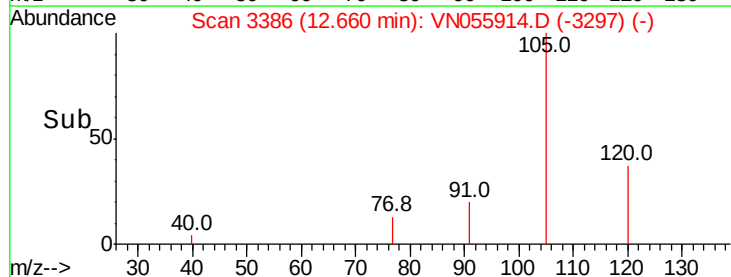
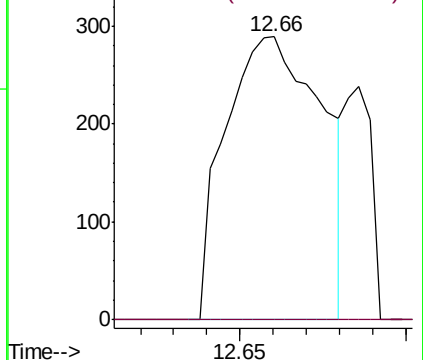
91 100

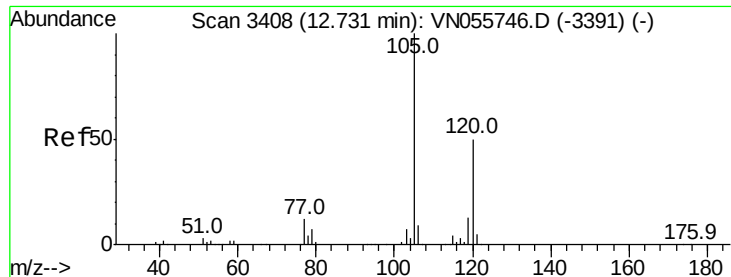
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

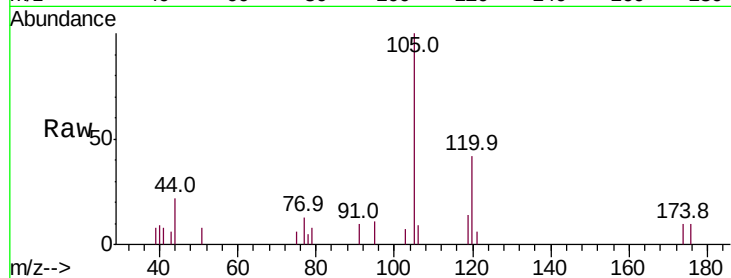
RBR-251-688

Tot Ion:105 Resp: 4777

Ion Ratio Lower Upper

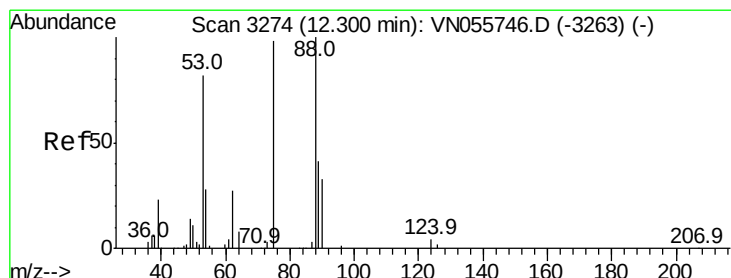
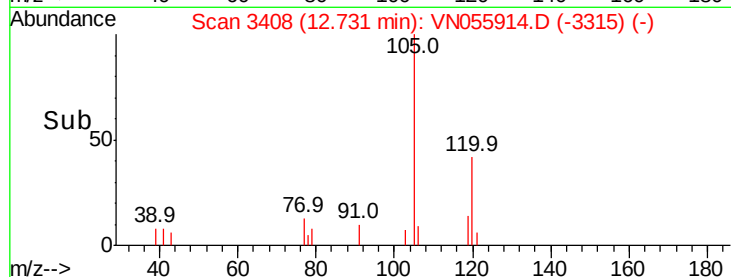
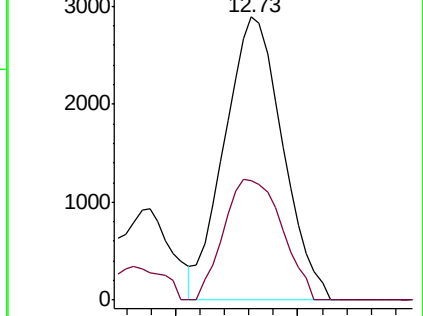
105 100

120 42.8 24.7 74.1



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: 75.074 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

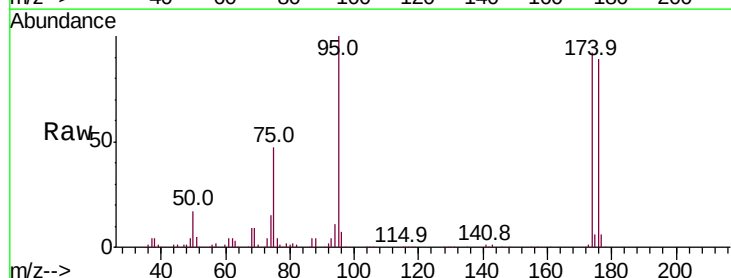
Tgt Ion: 75 Resp: 105151

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

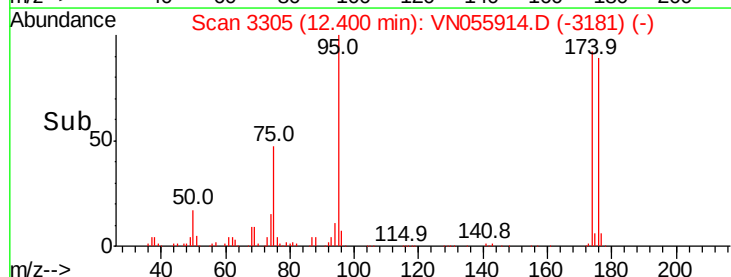
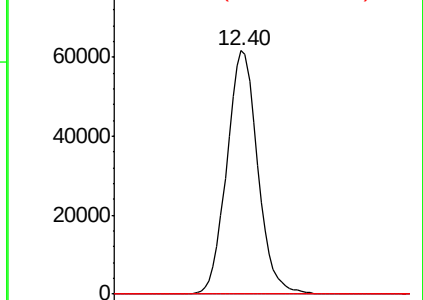
89 0.0 36.9 55.3#

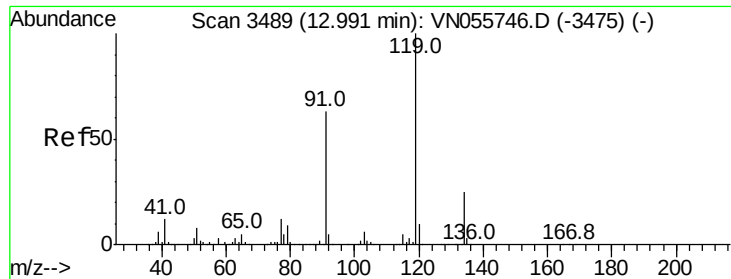


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

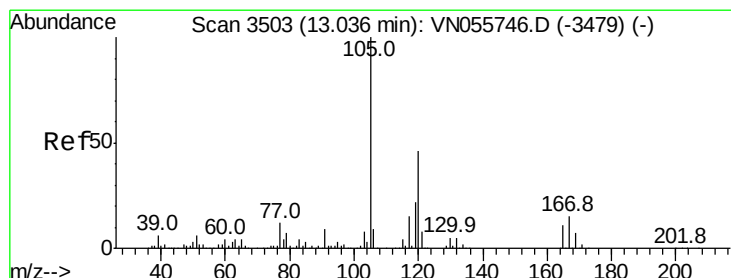
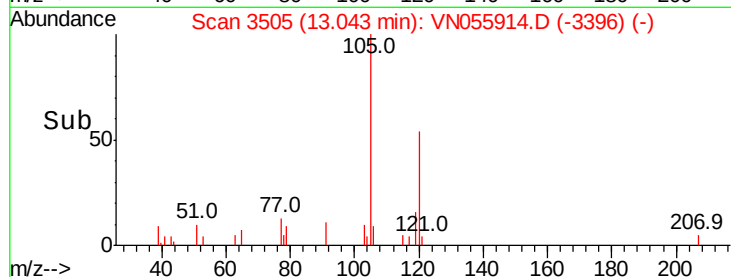
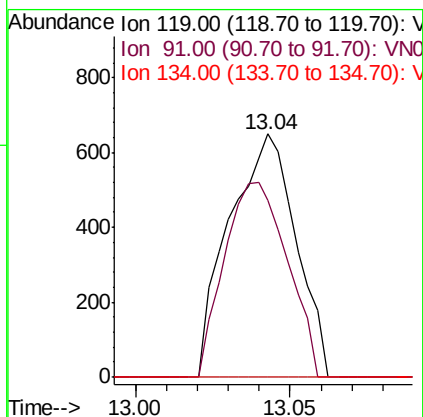
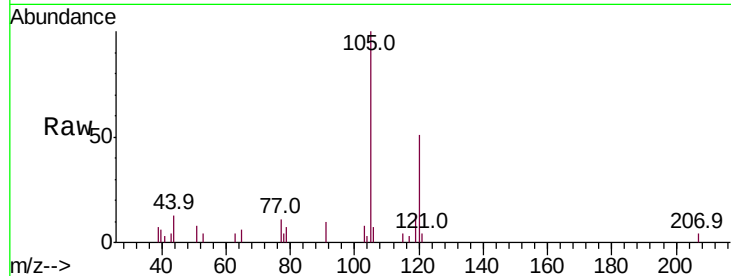




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.05 min
 Lab File: VN055914.D
 Acq: 31 May 2019 13:02

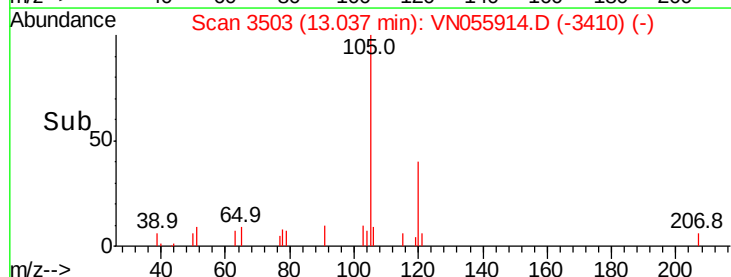
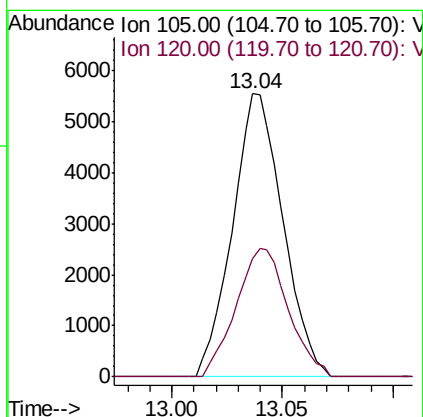
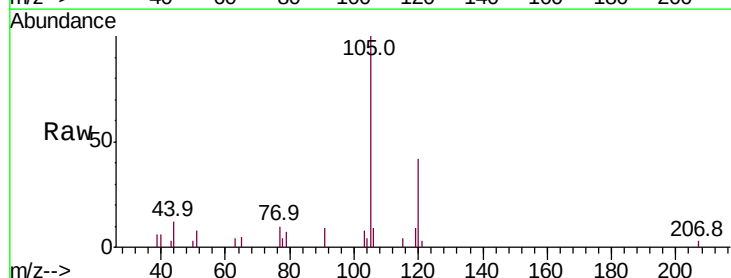
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-251-688

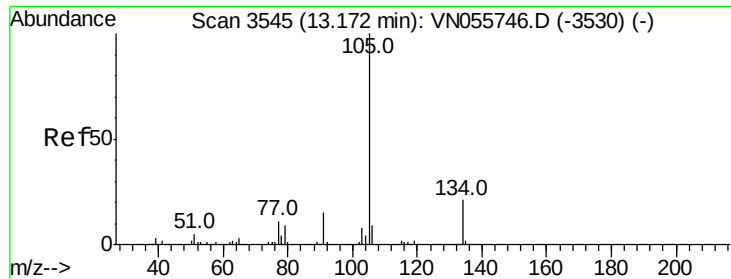
Tot Ion:119 Resp: 973
 Ion Ratio Lower Upper
 119 100
 91 75.8 30.9 92.8
 134 0.0 13.3 39.8#



#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055914.D
 Acq: 31 May 2019 13:02

Tgt Ion:105 Resp: 8795
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.0 69.0





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampled :

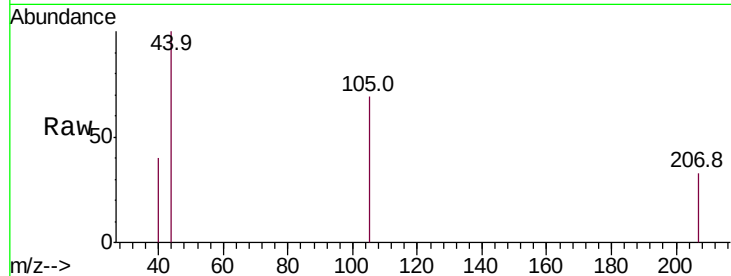
RBR-251-688

Tot Ion:105 Resp: 663

Ion Ratio Lower Upper

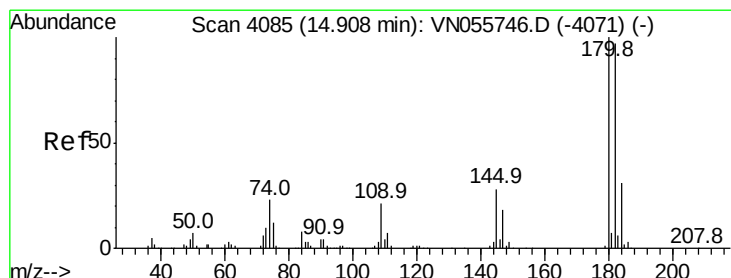
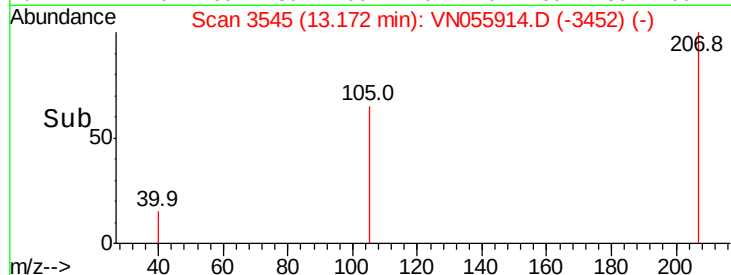
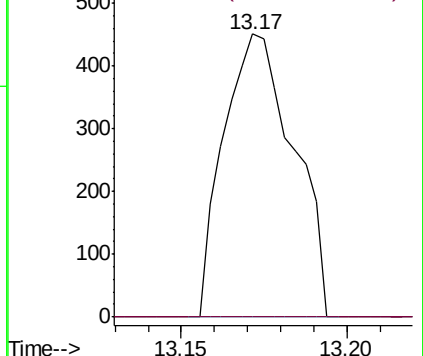
105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: 3.676 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

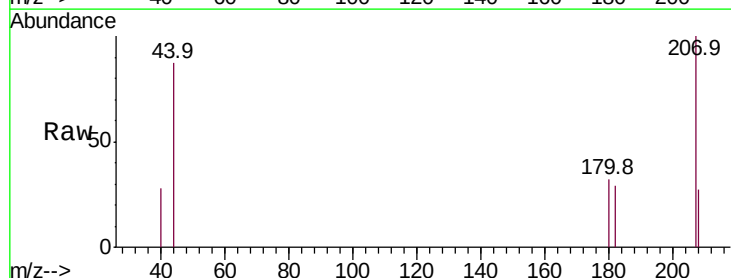
Tgt Ion:180 Resp: 153

Ion Ratio Lower Upper

180 100

182 153.6 48.3 144.9#

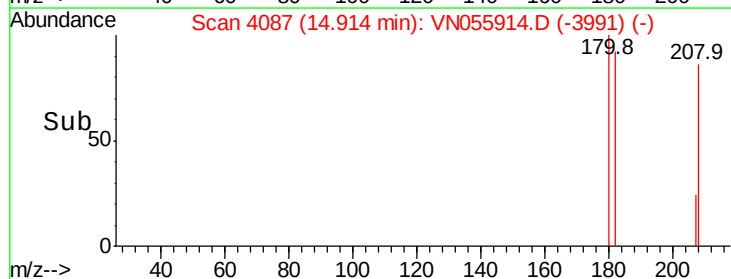
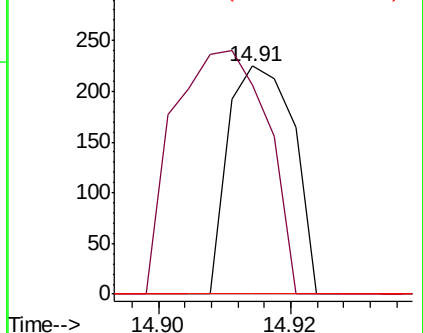
145 0.0 14.0 41.9#

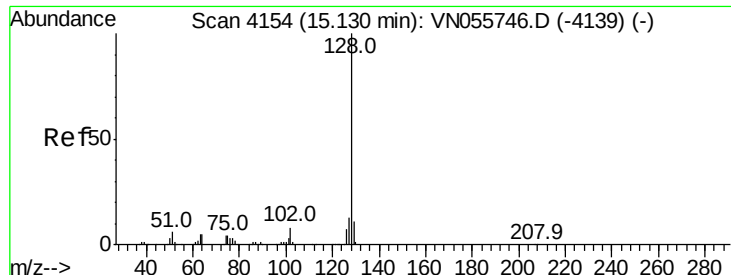


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 1.516 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

RBR-251-688

Tot Ion:128 Resp: 13218

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.3 8.7 13.1

