

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055240.D
 Acq On : 25 Apr 2019 12:05
 Operator : JC/SP
 Sample : K2553-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200051

Quant Time: Apr 26 02:17:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	390865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	644091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	603977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179468	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	260651	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
35) Dibromofluoromethane	7.59	113	219543	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
50) Toluene-d8	10.09	98	824628	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	251627	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.81	59	65	0.210	ug/l #	71
13) Acrolein	3.62	56	375	10.288	ug/l #	55
16) Acetone	3.82	43	11524	6.589	ug/l	96
17) Carbon Disulfide	4.05	76	6135	0.546	ug/l	98
18) Methyl Acetate	4.34	43	6048	0.493	ug/l #	62
20) Methylene Chloride	4.55	84	76002	15.116	ug/l	99
25) 2-Butanone	6.85	43	989	0.438	ug/l #	53
29) Tetrahydrofuran	7.23	42	917	0.661	ug/l #	71
30) Chloroform	7.38	83	6382	0.787	ug/l	96
31) Cyclohexane	7.66	56	8461	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	29667	4.963	ug/l #	45
38) Carbon Tetrachloride	7.67	117	37149	6.636	ug/l #	16
43) Isopropyl Acetate	8.17	43	17462	2.235	ug/l #	74
47) Bromodichloromethane	9.40	83	1444	0.242	ug/l #	83
48) Methyl methacrylate	9.18	41	7208	1.902	ug/l #	15
49) 1,4-Dioxane	9.27	88	62	1.417	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5769	1.283	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	51774	7.615	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	10613	1.529	ug/l #	43
59) 2-Hexanone	10.76	43	161311	56.807	ug/l #	56
68) m/p-Xylenes	11.62	106	1716	0.218	ug/l	90
71) Bromoform	12.40	173	2412	0.885	ug/l #	1
73) Isopropylbenzene	12.25	105	1495	Below Cal		92
75) 1,1,2,2-Tetrachloroethane	12.51	83	238	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	129969	35.697	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6857	0.510	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	129969	135.320	ug/l #	5
83) tert-Butylbenzene	12.99	119	853	Below Cal	#	77
84) 1,2,4-Trimethylbenzene	13.04	105	3200	0.252	ug/l	95
89) n-Butylbenzene	13.61	91	2614	0.282	ug/l #	86
91) 1,2-Dichlorobenzene	13.65	146	1466	0.235	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	1271	3.193	ug/l #	90
94) Hexachlorobutadiene	15.01	225	893	Below Cal		91
95) Naphthalene	15.13	128	6511	4.442	ug/l	96

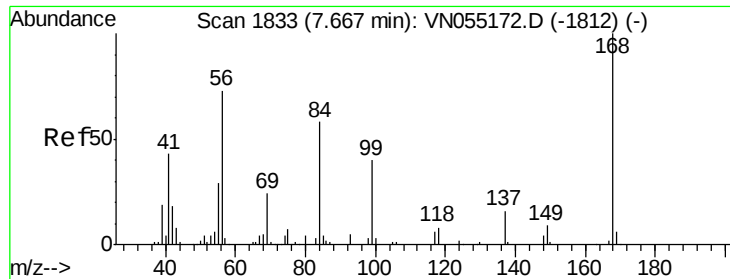
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
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QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	1552	2.690	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

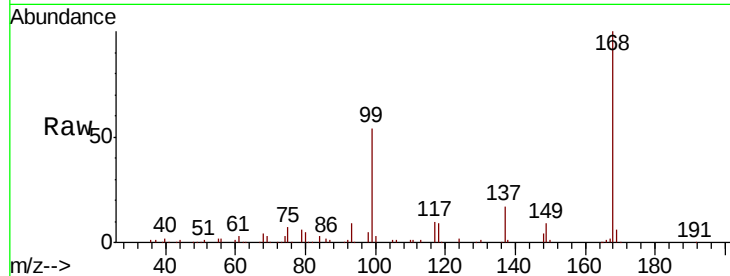
Instrument :
MSVOA_N
ClientSampleId :
RBR200051

Tot Ion:168 Resp: 390865

Ion Ratio Lower Upper

168 100

99 53.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

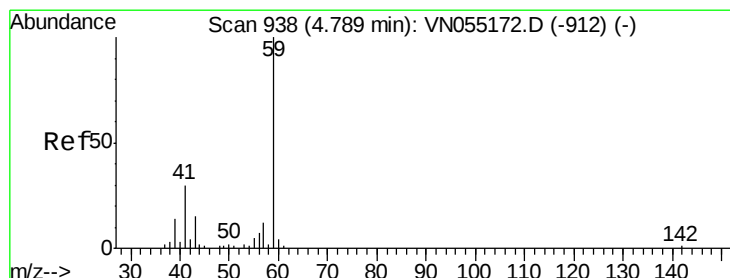
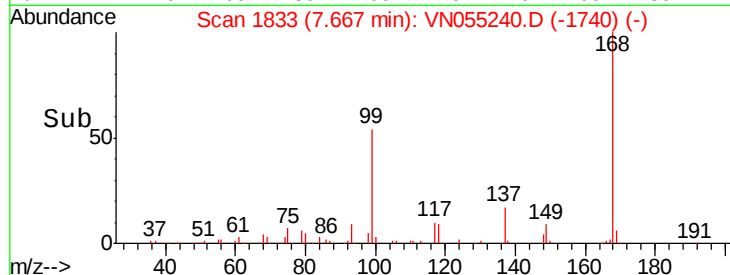
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.210 ug/l

RT: 4.81 min Scan# 945

Delta R.T. 0.02 min

Lab File: VN055240.D

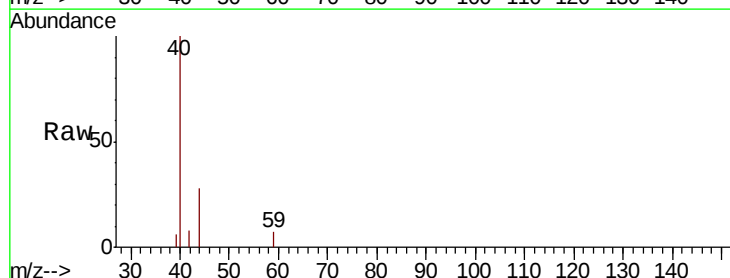
Acq: 25 Apr 2019 12:05

Tgt Ion: 59 Resp: 65

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.81

200

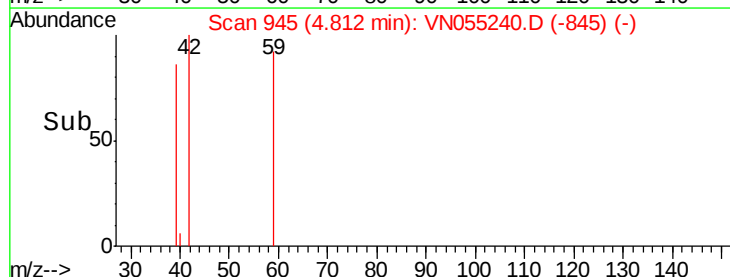
150

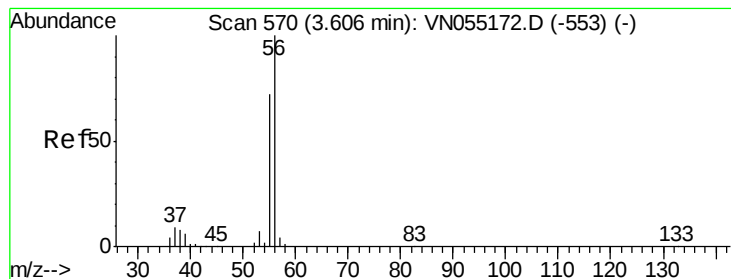
100

50

0

Time-->





#13

Acrolein

Concen: 10.288 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

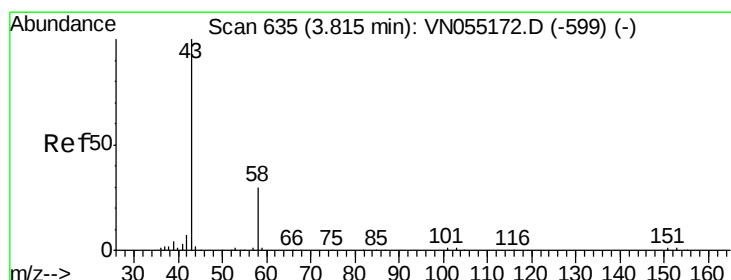
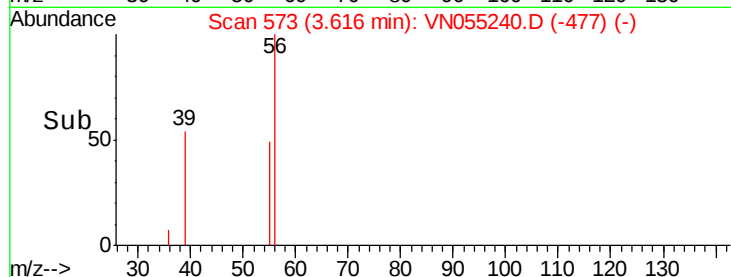
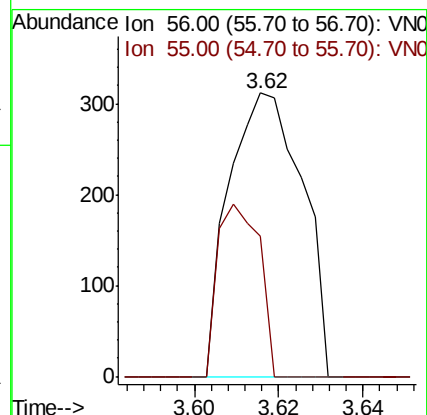
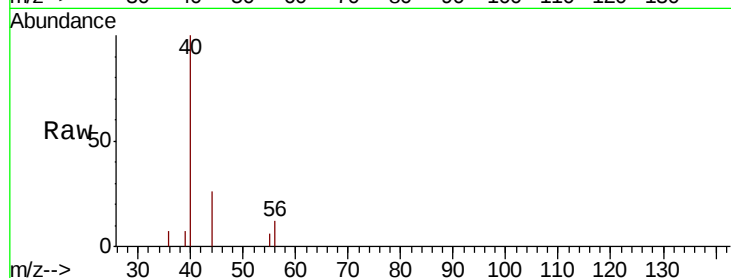
RBR200051

Tot Ion: 56 Resp: 375

Ion Ratio Lower Upper

56 100

55 34.7 57.4 86.0#



#16

Acetone

Concen: 6.589 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055240.D

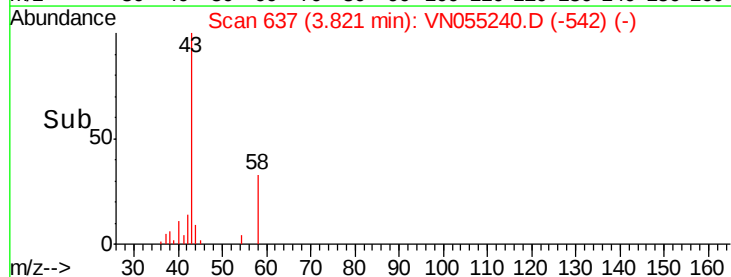
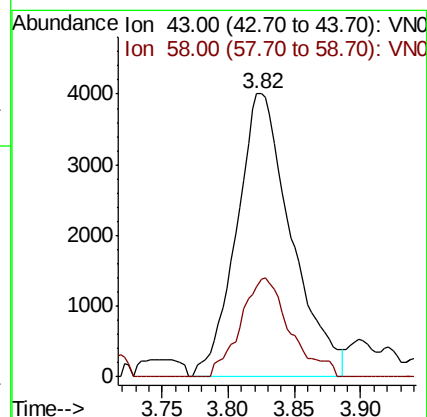
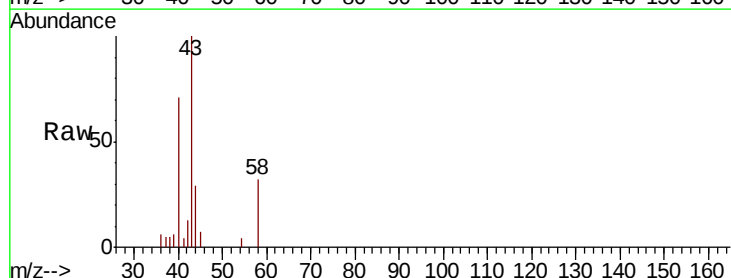
Acq: 25 Apr 2019 12:05

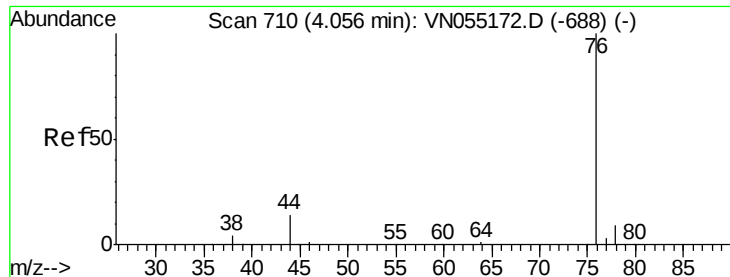
Tgt Ion: 43 Resp: 11524

Ion Ratio Lower Upper

43 100

58 31.9 23.8 35.8

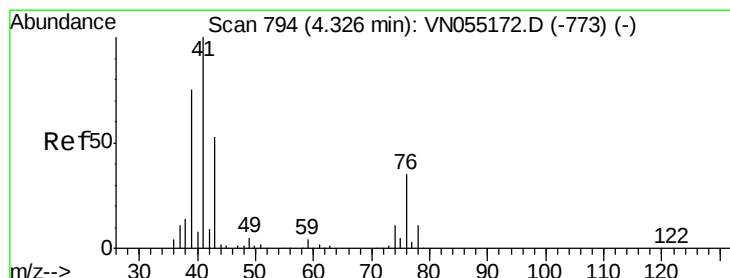
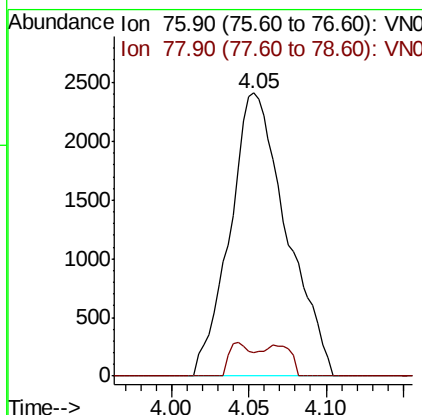
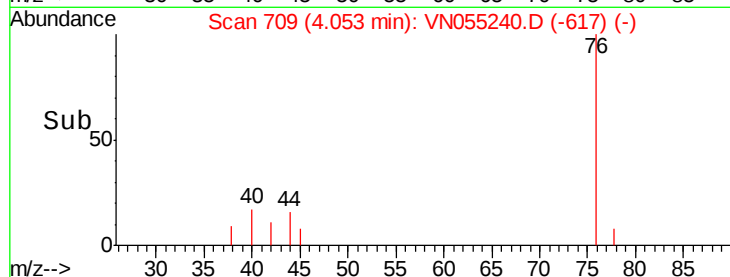
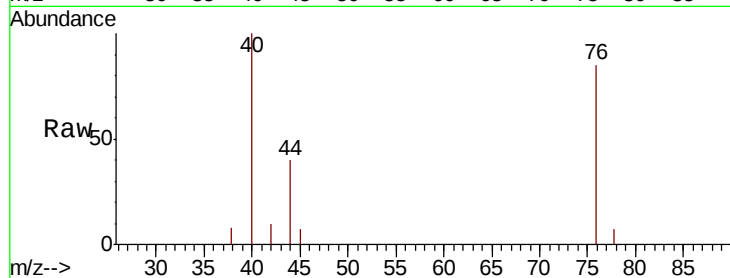




#17
Carbon Disulfide
Concen: 0.546 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

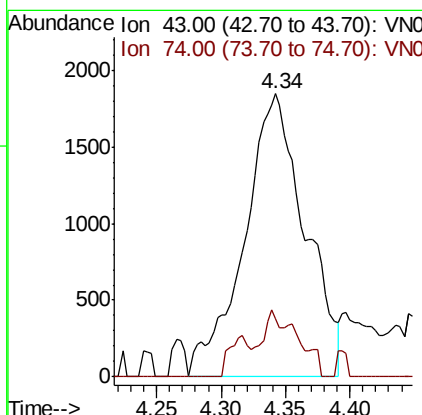
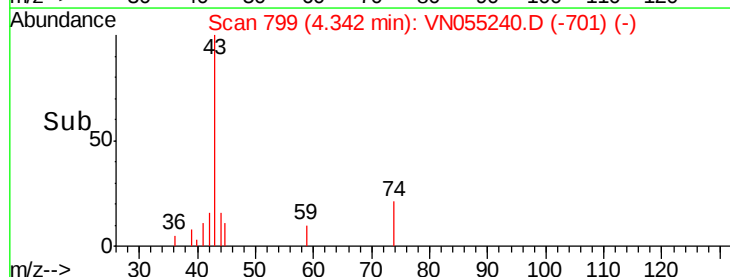
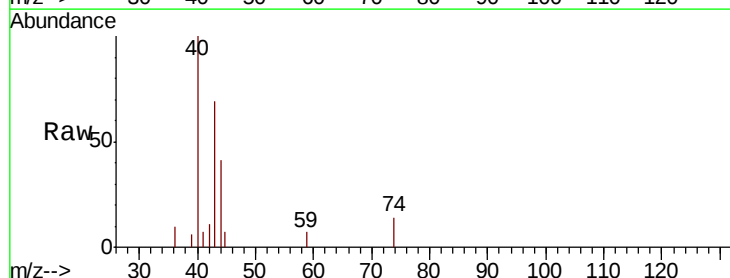
Instrument :
MSVOA_N
ClientSampled :
RBR200051

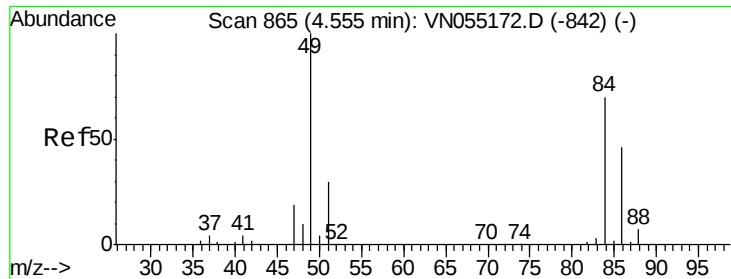
Tot Ion: 76 Resp: 6135
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 0.493 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Tgt Ion: 43 Resp: 6048
Ion Ratio Lower Upper
43 100
74 3.0 16.7 25.1#

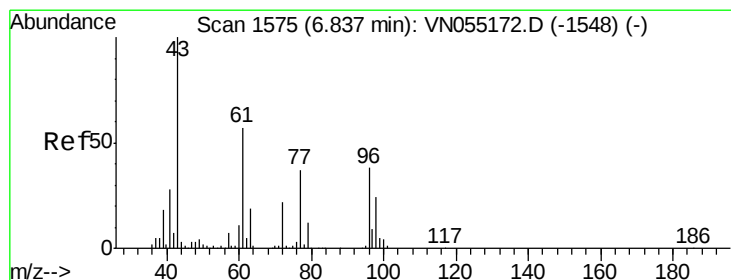
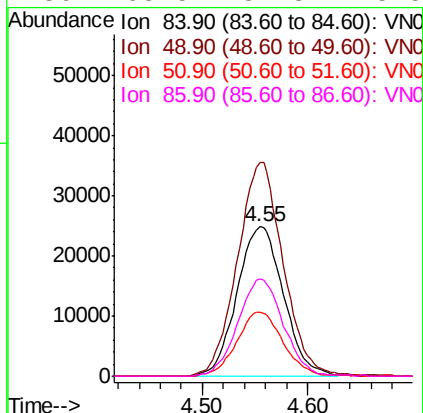
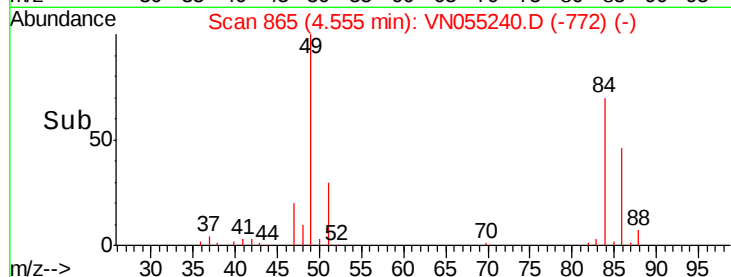
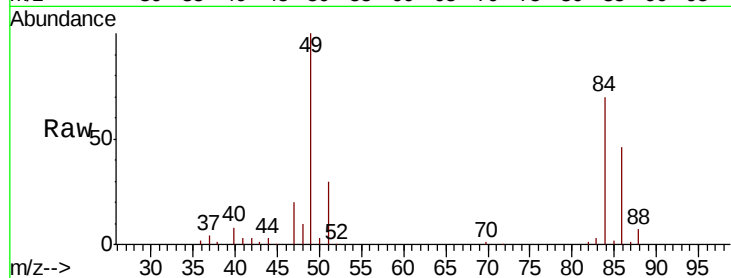




#20
Methvlene Chloride
Concen: 15.116 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

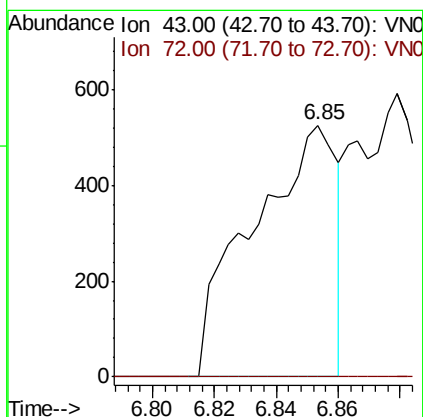
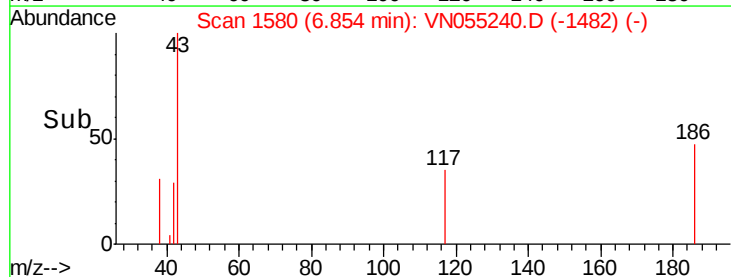
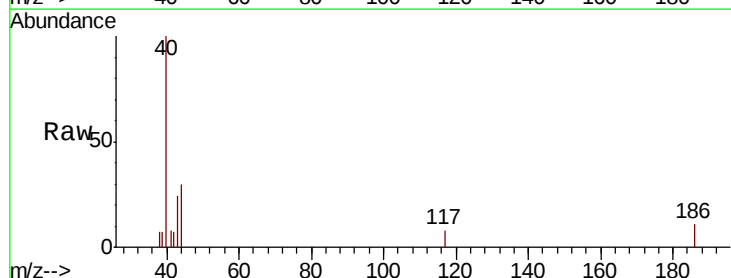
Instrument :
MSVOA_N
ClientSampled :
RBR200051

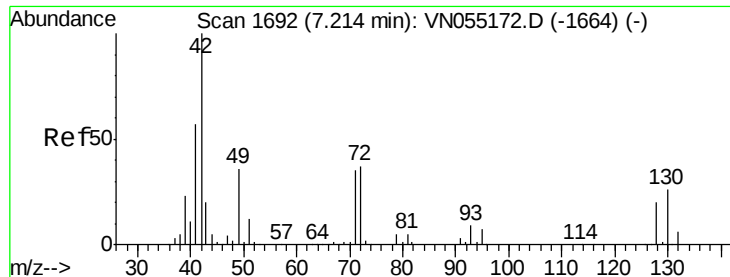
Tot Ion: 84 Resp: 76002
Ion Ratio Lower Upper
84 100
49 143.2 113.8 170.6
51 42.7 34.0 51.0
86 65.5 52.3 78.5



#25
2-Butanone
Concen: 0.438 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.8#





#29

Tetrahydrofuran

Concen: 0.661 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampled :

RBR200051

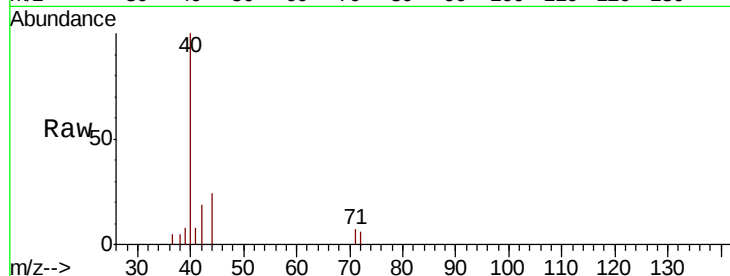
Tot Ion: 42 Resp: 917

Ion Ratio Lower Upper

42 100

72 11.6 29.4 44.2#

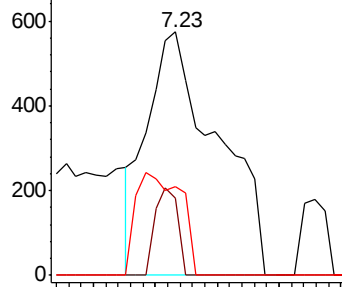
71 26.6 27.8 41.8#



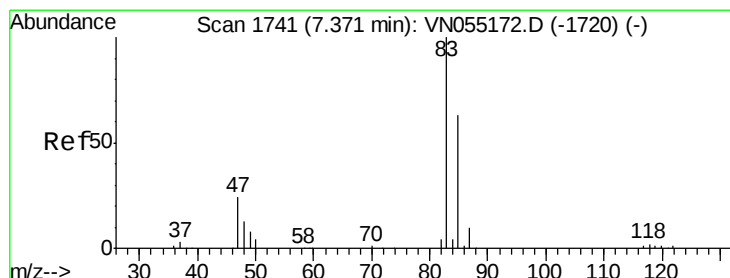
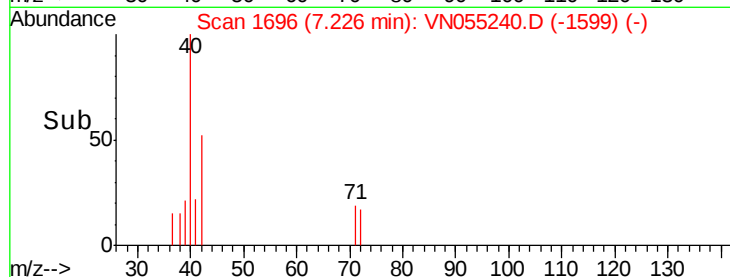
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->



#30

Chloroform

Concen: 0.787 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN055240.D

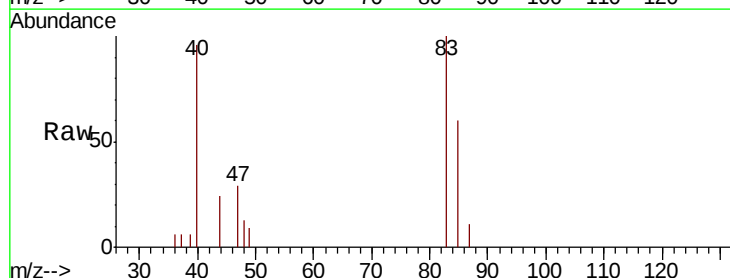
Acq: 25 Apr 2019 12:05

Tgt Ion: 83 Resp: 6382

Ion Ratio Lower Upper

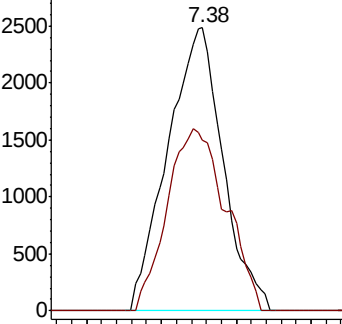
83 100

85 60.1 50.6 76.0

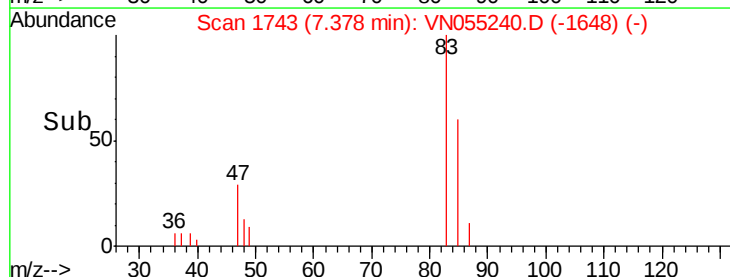


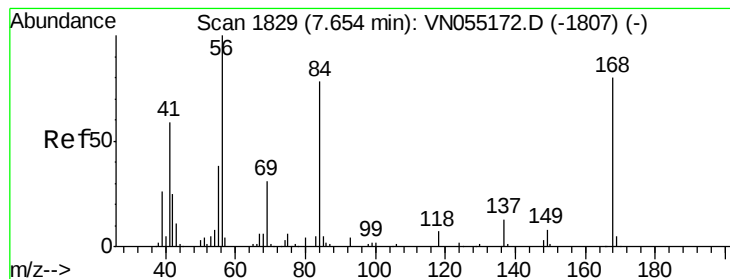
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

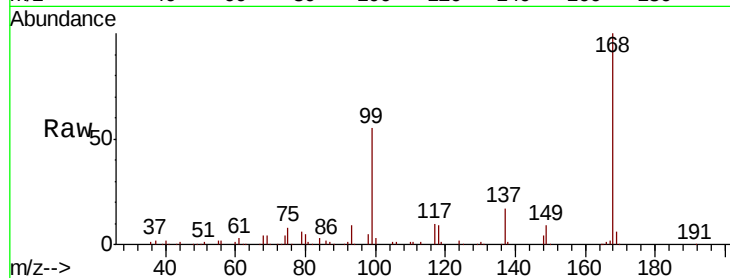
Tot Ion: 56 Resp: 8461

Ion Ratio Lower Upper

56 100

69 169.9 24.6 37.0#

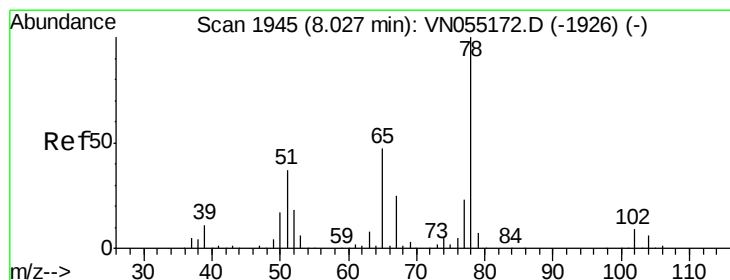
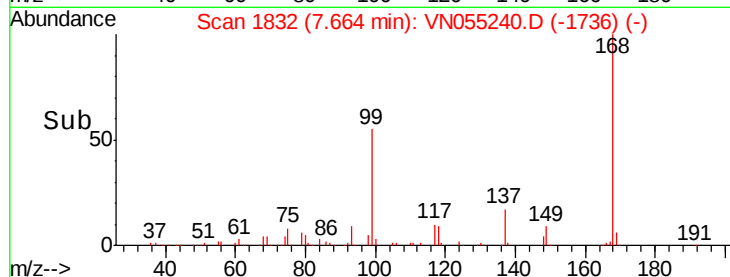
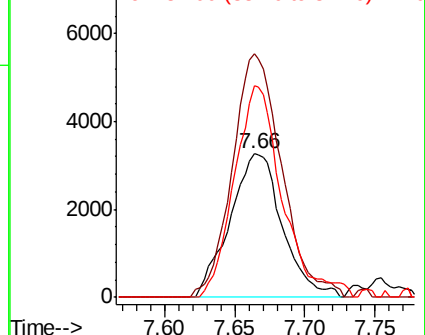
84 147.8 61.4 92.2#



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: 49.268 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055240.D

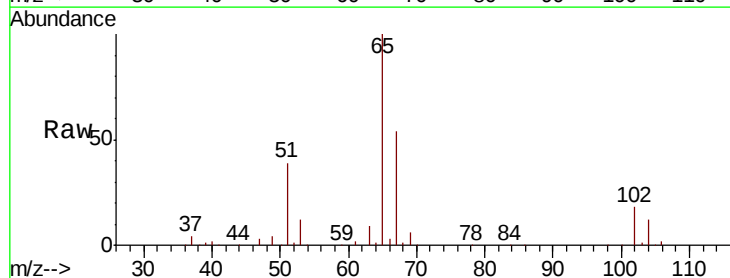
Acq: 25 Apr 2019 12:05

Tgt Ion: 65 Resp: 260651

Ion Ratio Lower Upper

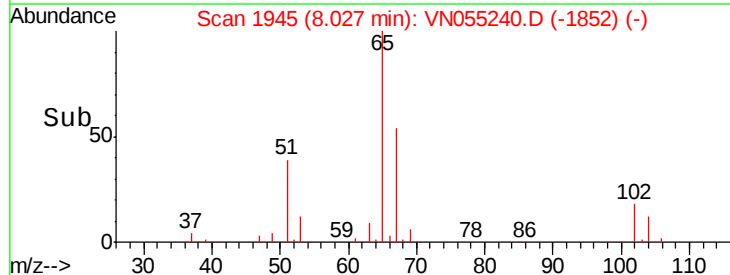
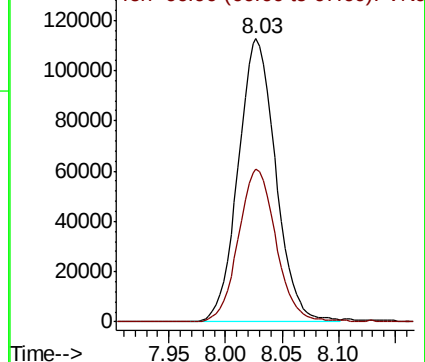
65 100

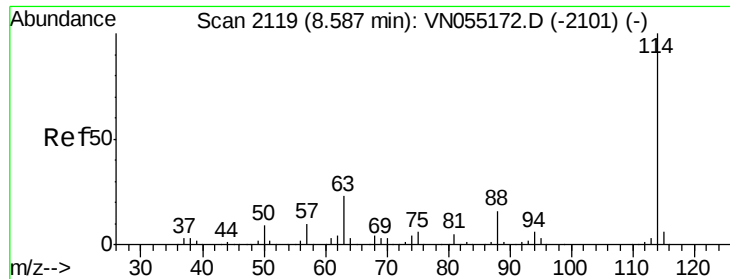
67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

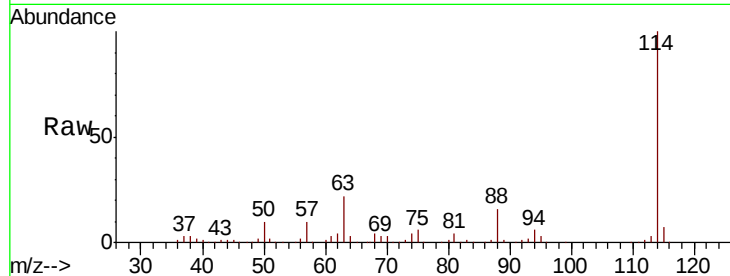




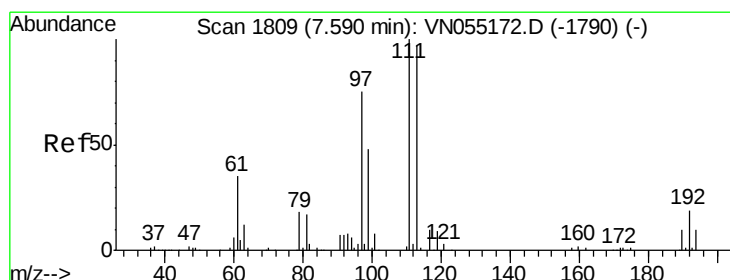
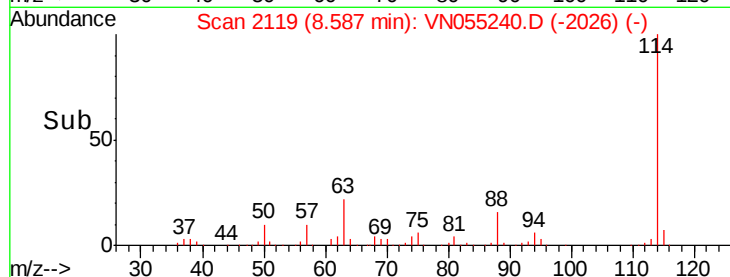
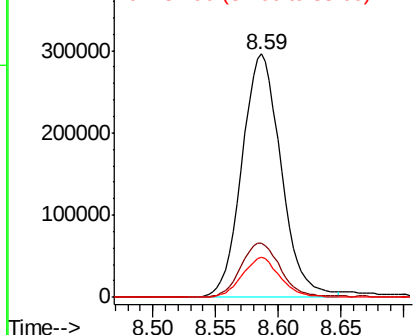
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Instrument :
MSVOA_N
ClientSampleId :
RBR200051

Tot Ion:114 Resp: 644091
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.2
88 16.4 0.0 32.8

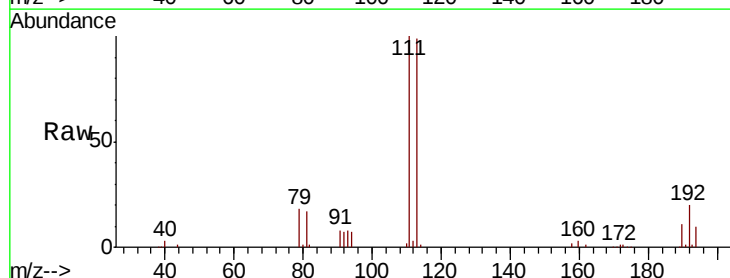


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

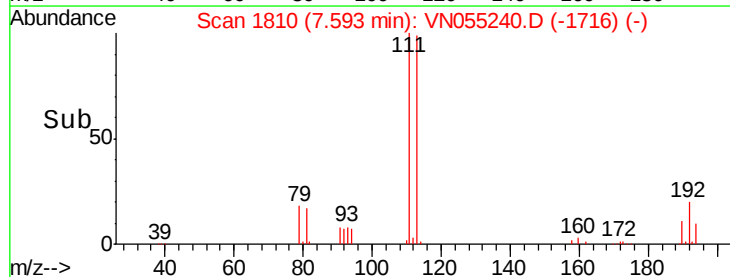
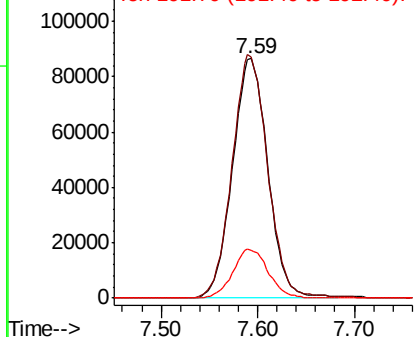


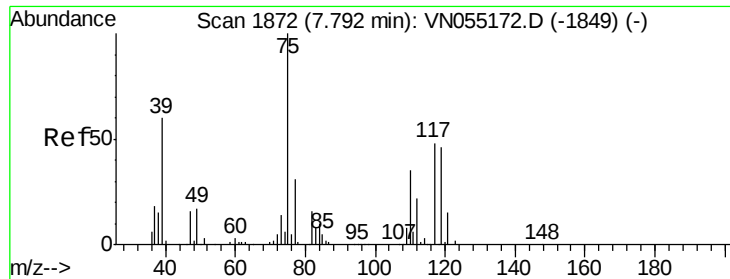
#35
Dibromofluoromethane
Concen: 50.174 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Tgt Ion:113 Resp: 219543
Ion Ratio Lower Upper
113 100
111 102.4 81.0 121.4
192 20.4 16.2 24.4



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: 4.963 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

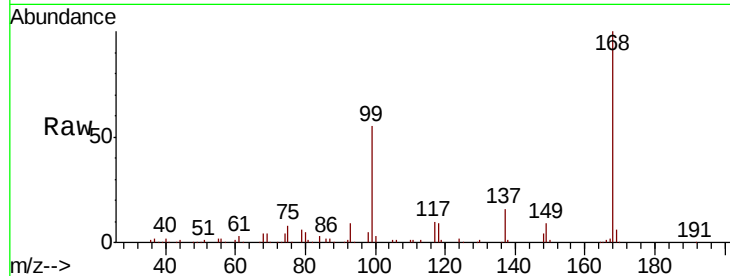
Tot Ion: 75 Resp: 29667

Ion Ratio Lower Upper

75 100

110 2.9 17.1 51.2#

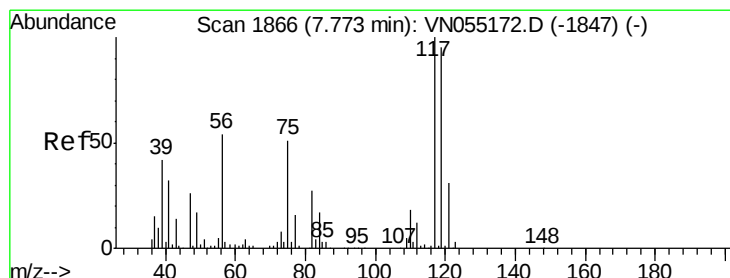
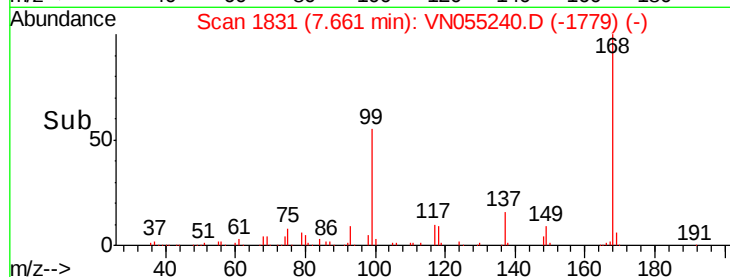
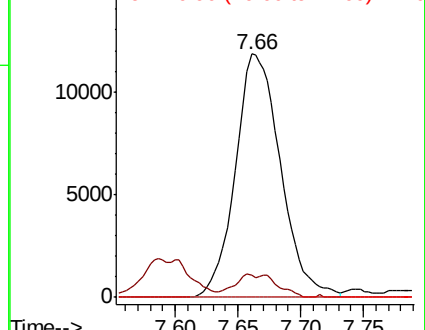
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 6.636 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

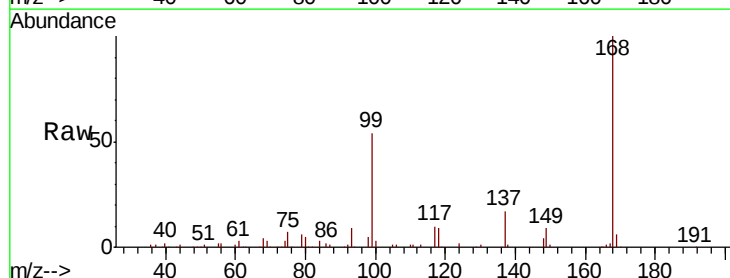
Tgt Ion: 117 Resp: 37149

Ion Ratio Lower Upper

117 100

119 4.9 76.0 114.0#

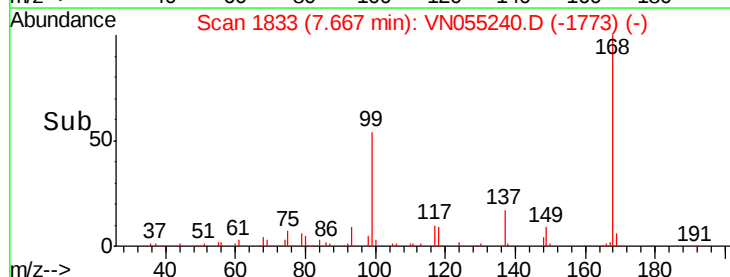
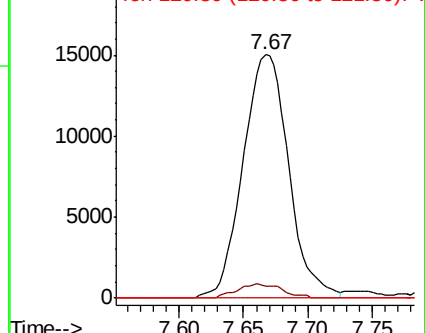
121 0.0 24.6 36.8#

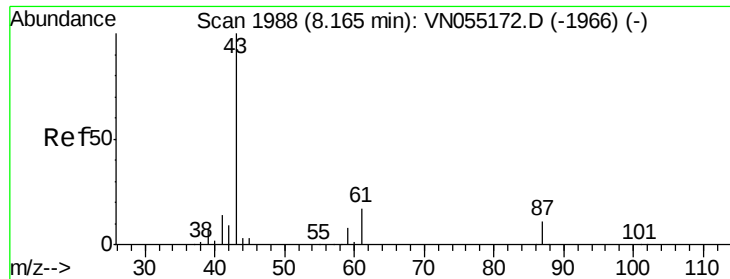


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.235 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

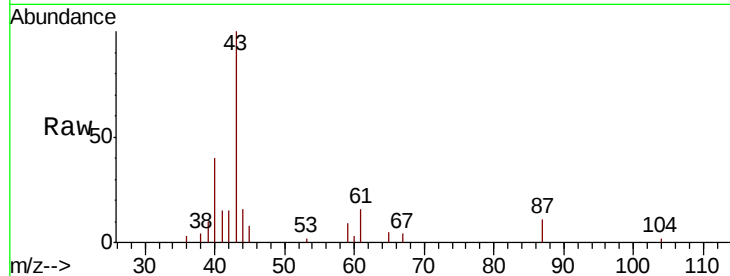
Tot Ion: 43 Resp: 17462

Ion Ratio Lower Upper

43 100

61 8.4 20.6 30.8#

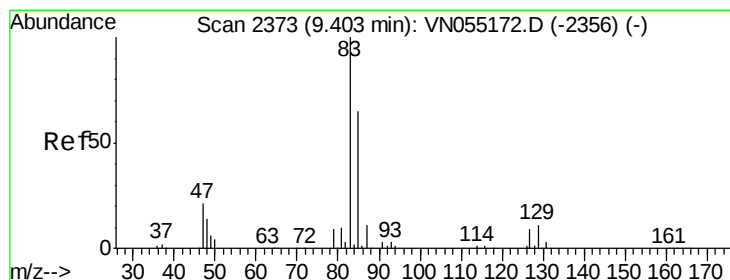
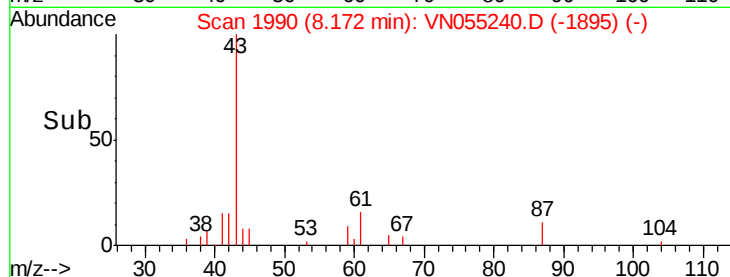
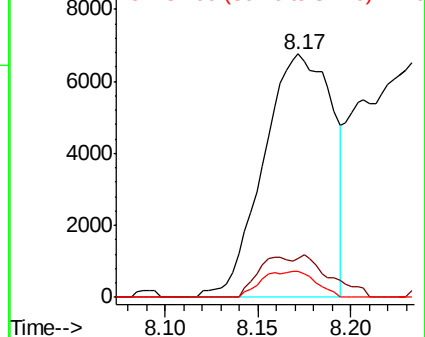
87 8.5 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#47

Bromodichloromethane

Concen: 0.242 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

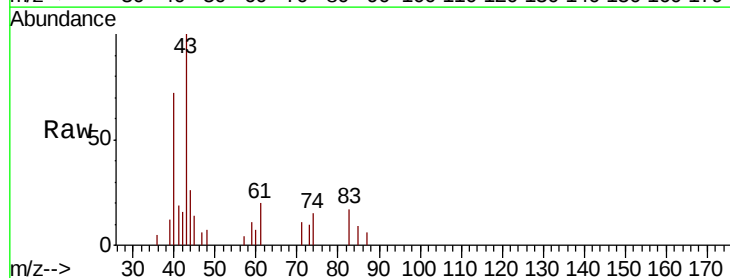
Tgt Ion: 83 Resp: 1444

Ion Ratio Lower Upper

83 100

85 52.3 52.1 78.1

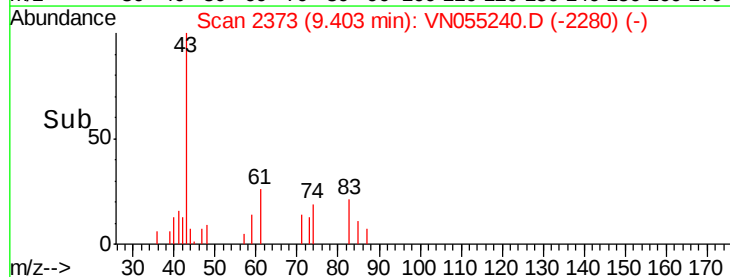
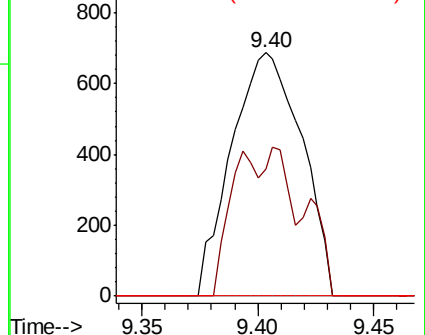
127 0.0 6.9 10.3#

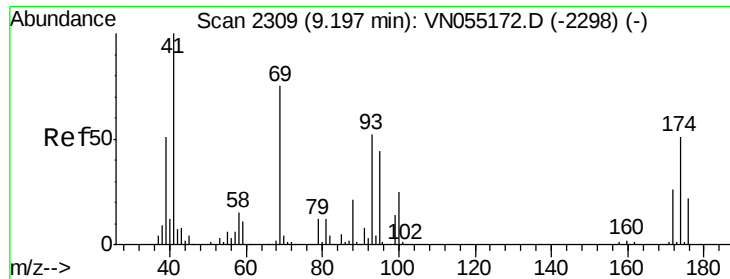


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

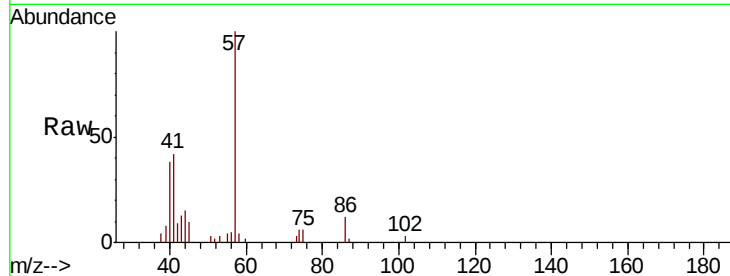




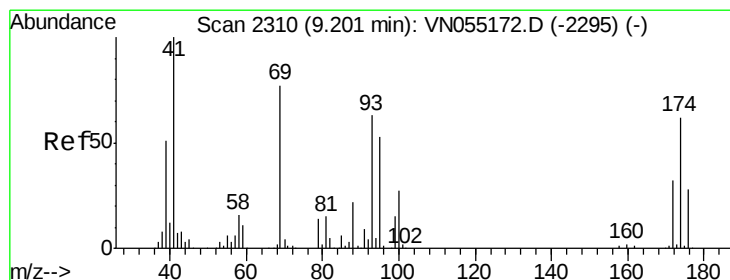
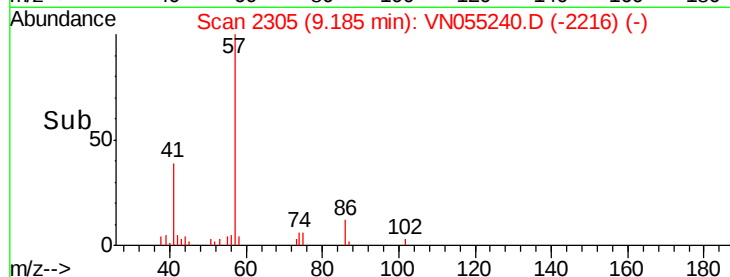
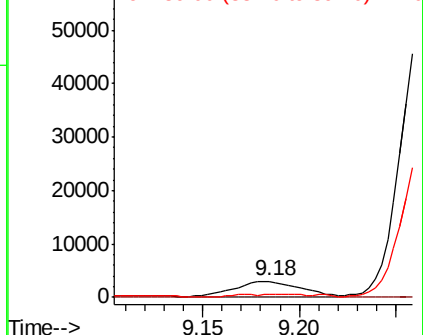
#48
Methyl methacrylate
Concen: 1.902 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Instrument :
MSVOA_N
ClientSampled :
RBR200051

Tot Ion: 41 Resp: 7208
Ion Ratio Lower Upper
41 100
69 0.0 63.6 95.4#
39 0.0 43.8 65.8#

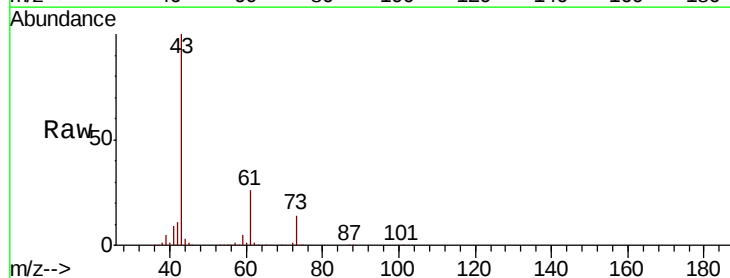


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

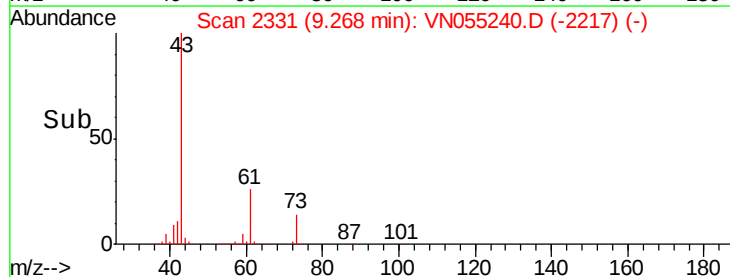
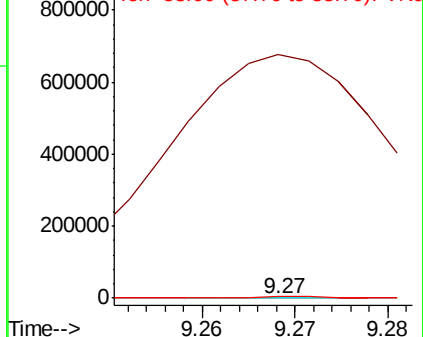


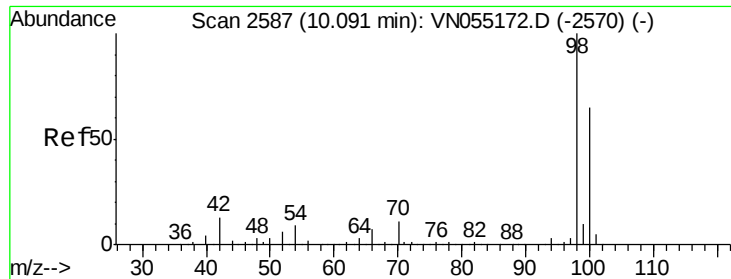
#49
1,4-Dioxane
Concen: 1.417 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 2105672.6 32.0 48.0#
58 100000.0 60.4 90.6#



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

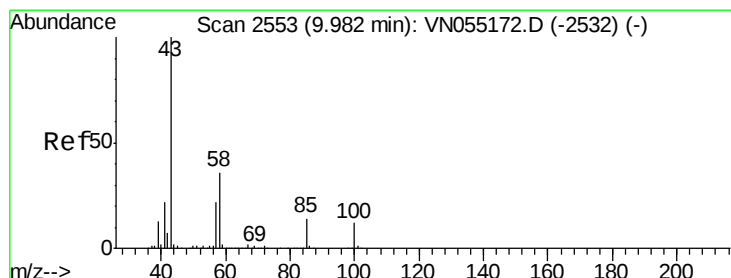
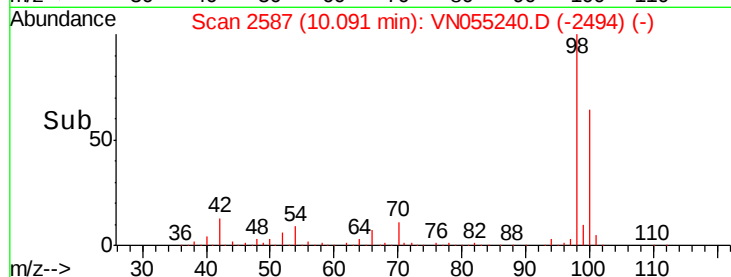
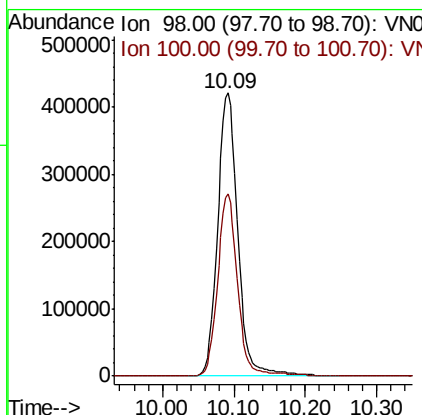
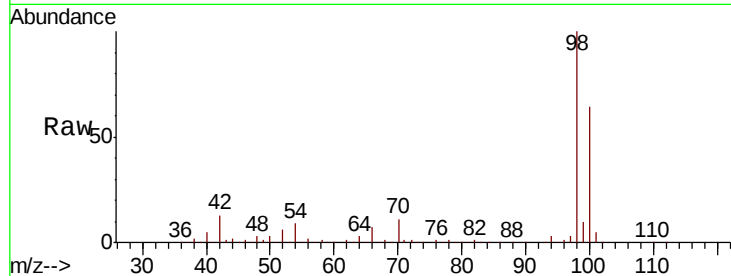




#50
Toluene-d8
Concen: 50.864 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

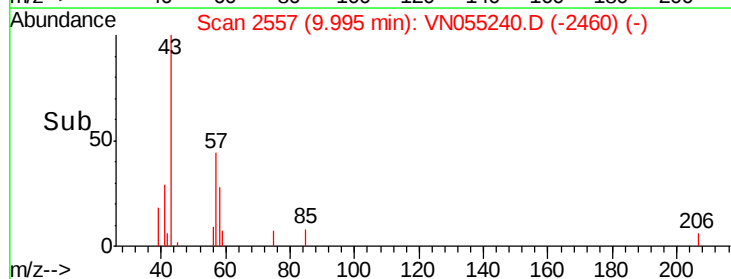
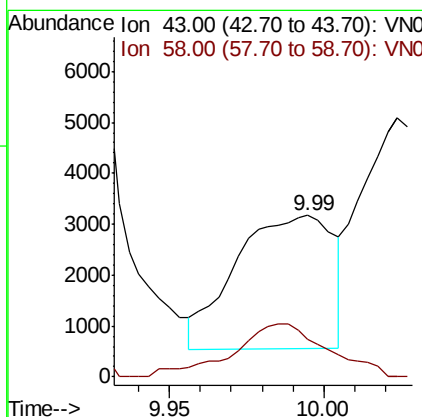
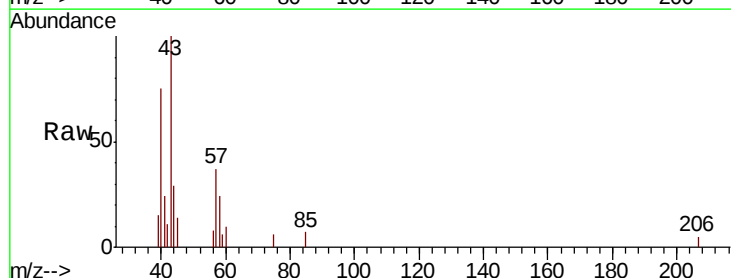
Instrument :
MSVOA_N
ClientSampled :
RBR200051

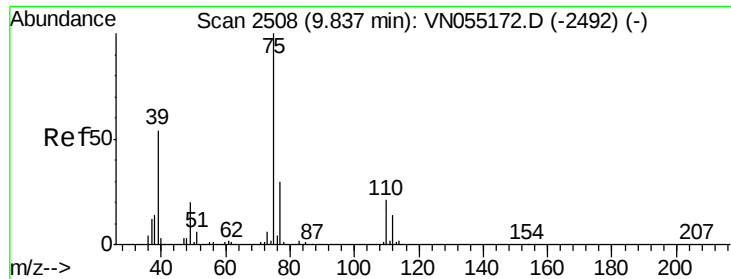
Tot Ion: 98 Resp: 824628
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.283 ug/l
RT: 9.99 min Scan# 2557
Delta R.T. 0.01 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Tgt Ion: 43 Resp: 5769
Ion Ratio Lower Upper
43 100
58 38.7 28.3 42.5





#54

cis-1,3-Dichloropropene

Concen: 7.615 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

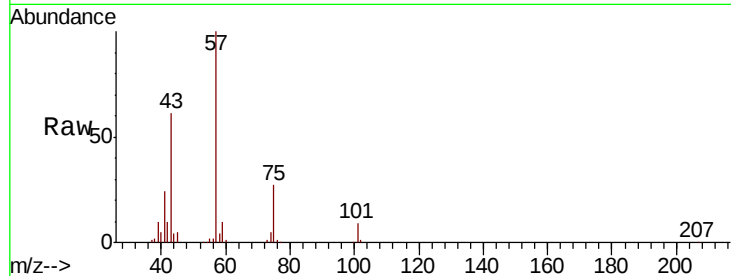
Tot Ion: 75 Resp: 51774

Ion Ratio Lower Upper

75 100

77 0.8 24.3 36.5#

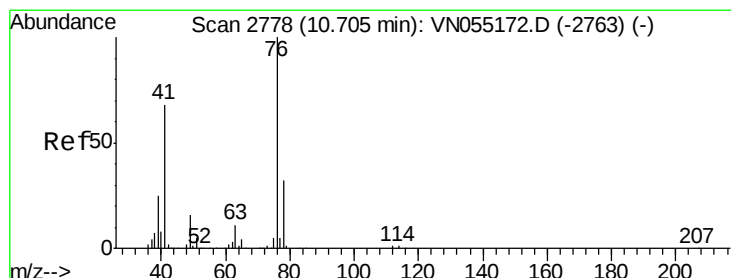
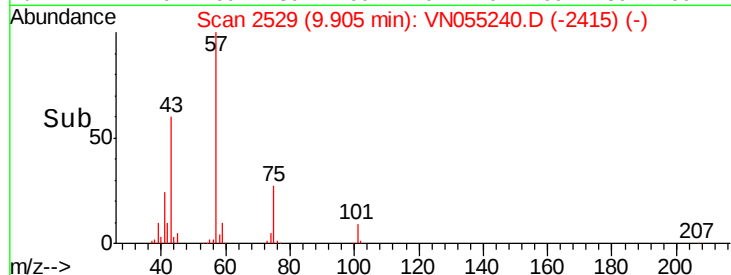
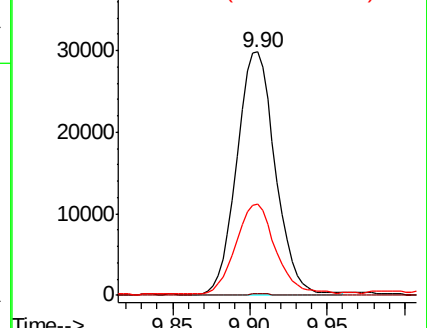
39 36.7 43.0 64.4#



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: 1.529 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055240.D

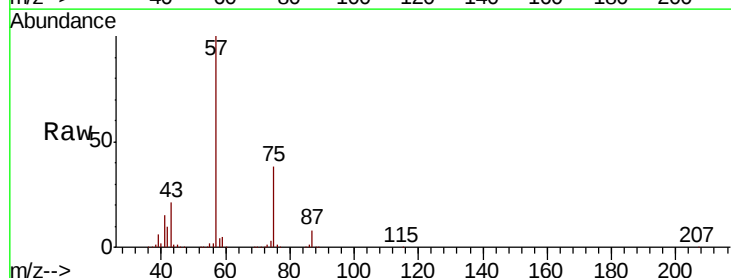
Acq: 25 Apr 2019 12:05

Tgt Ion: 76 Resp: 10613

Ion Ratio Lower Upper

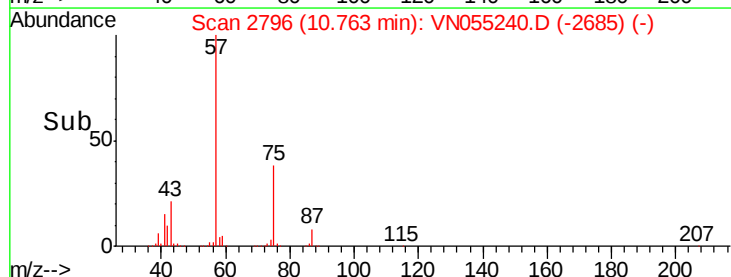
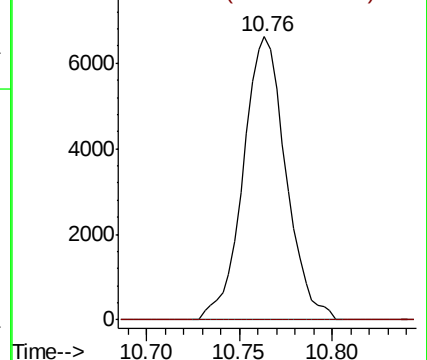
76 100

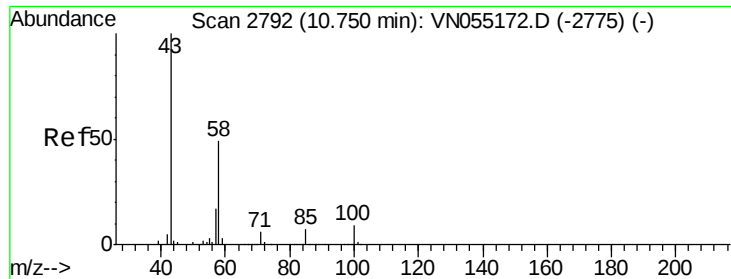
78 0.0 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

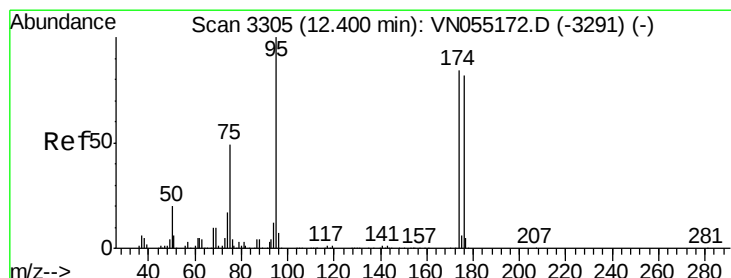
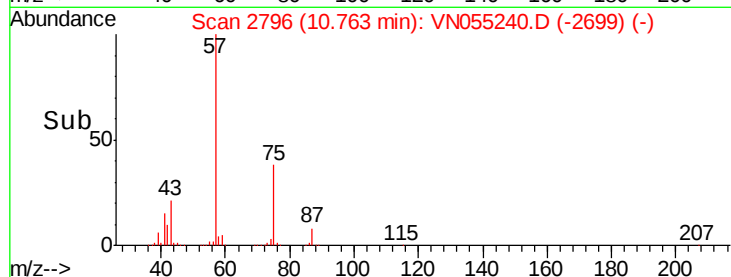
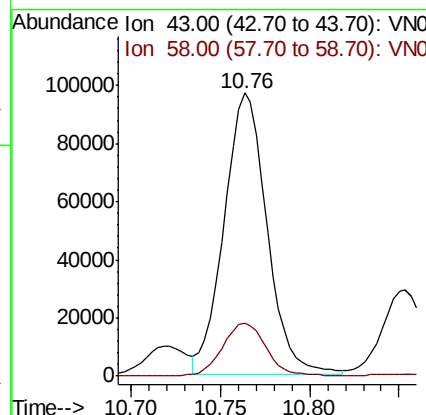
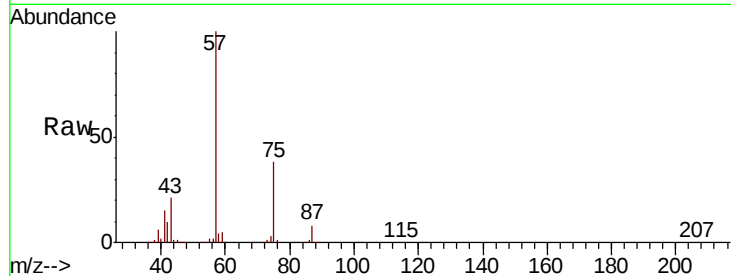




#59
2-Hexanone
Concen: 56.807 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

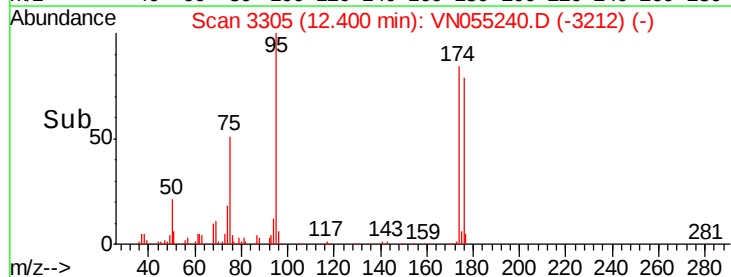
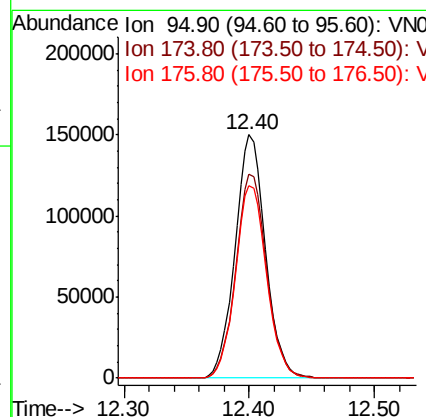
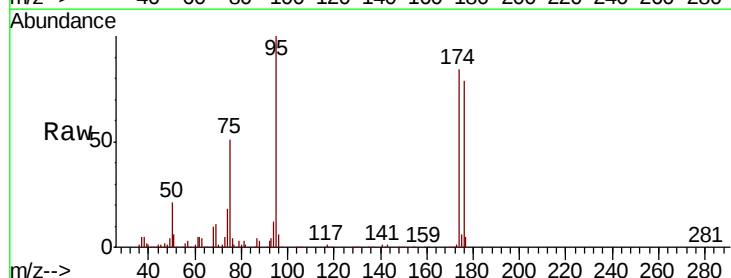
Instrument :
MSVOA_N
ClientSampled :
RBR200051

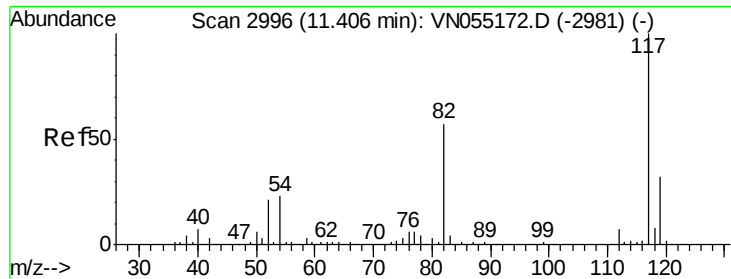
Tot Ion: 43 Resp: 161311
Ion Ratio Lower Upper
43 100
58 19.2 24.5 73.5#



#62
4-Bromofluorobenzene
Concen: 49.012 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Tgt Ion: 95 Resp: 251627
Ion Ratio Lower Upper
95 100
174 85.2 0.0 168.4
176 81.0 0.0 164.0

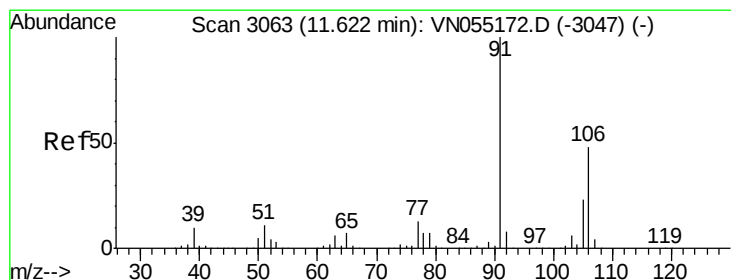
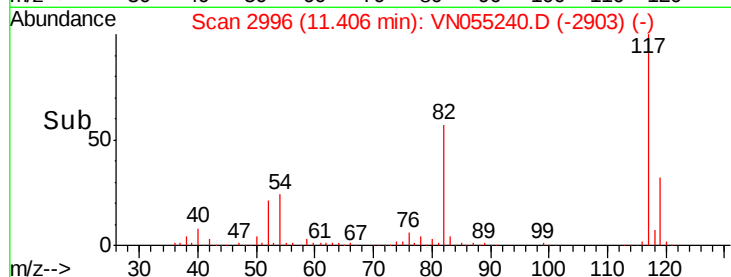
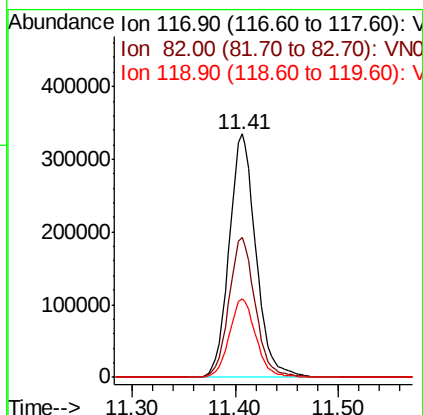
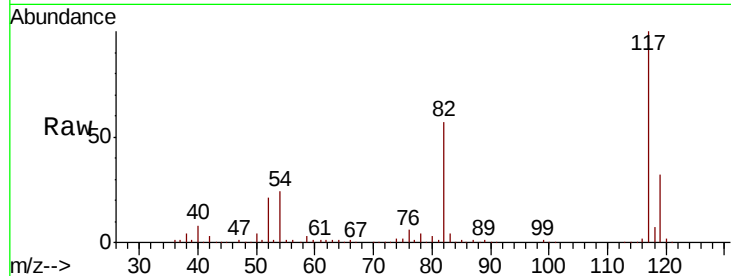




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

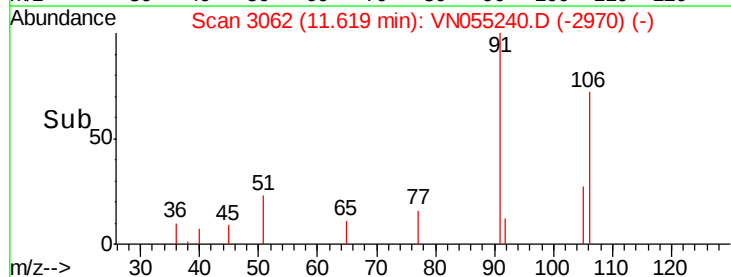
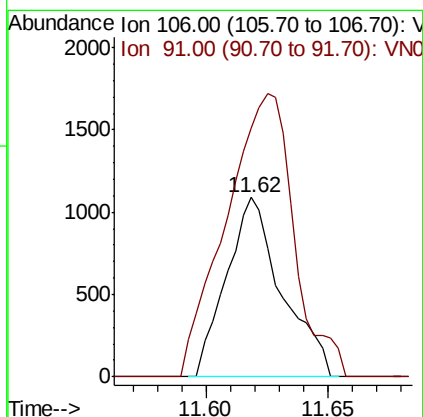
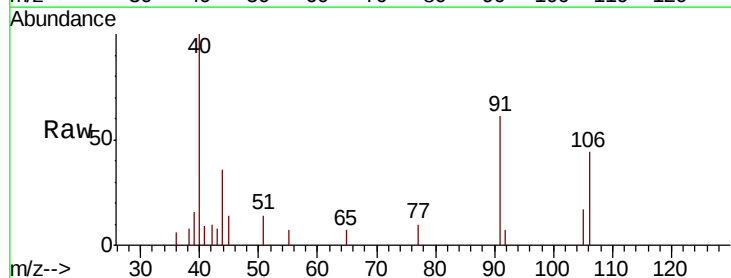
Instrument :
MSVOA_N
ClientSampled :
RBR200051

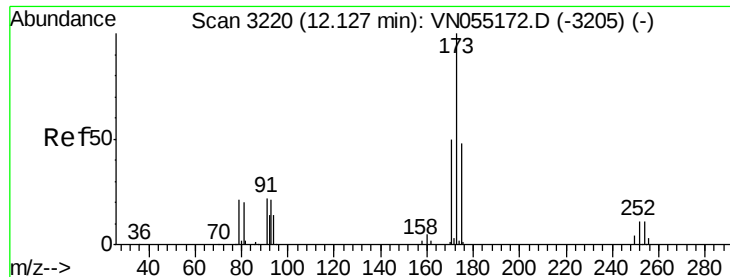
Tot Ion:117 Resp: 603977
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 32.3 25.4 38.2



#68
m/p-Xylenes
Concen: 0.218 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055240.D
Acq: 25 Apr 2019 12:05

Tgt Ion:106 Resp: 1716
Ion Ratio Lower Upper
106 100
91 193.4 167.1 250.7





#71

Bromoform

Concen: 0.885 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampled :

RBR200051

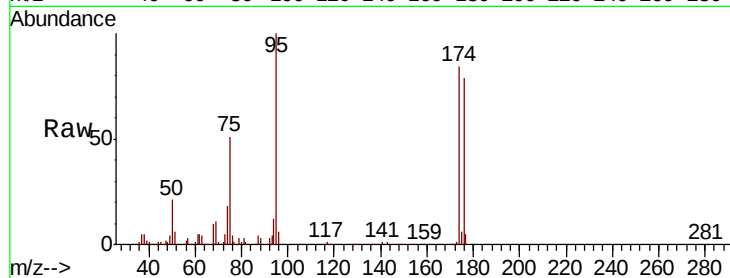
Tot Ion:173 Resp: 2412

Ion Ratio Lower Upper

173 100

175 579.8 23.8 71.2#

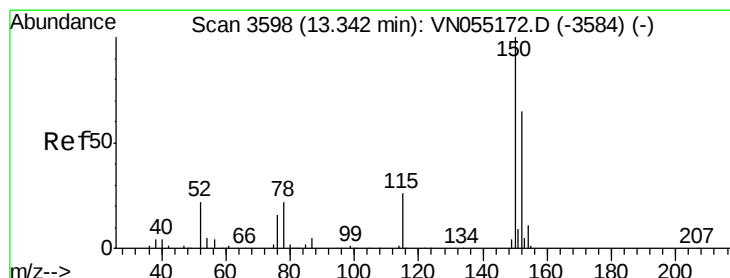
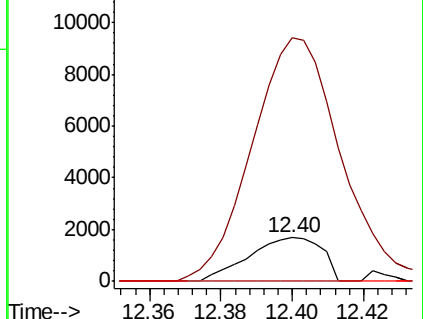
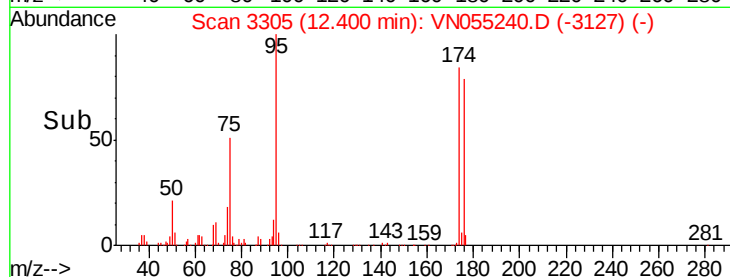
254 0.0 0.1 0.1#



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: VN055240.D

Acq: 25 Apr 2019 12:05

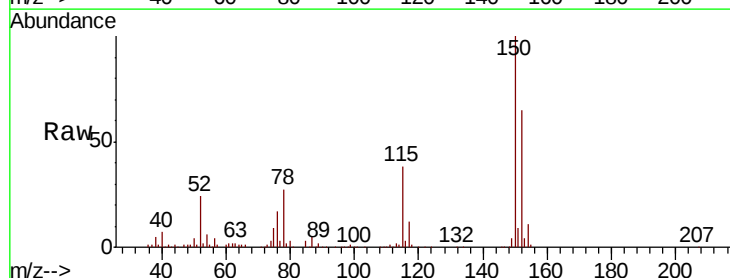
Tgt Ion:152 Resp: 179468

Ion Ratio Lower Upper

152 100

115 56.8 28.9 86.7

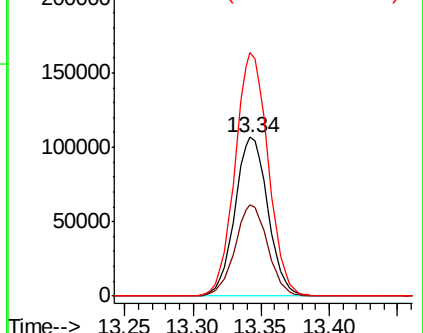
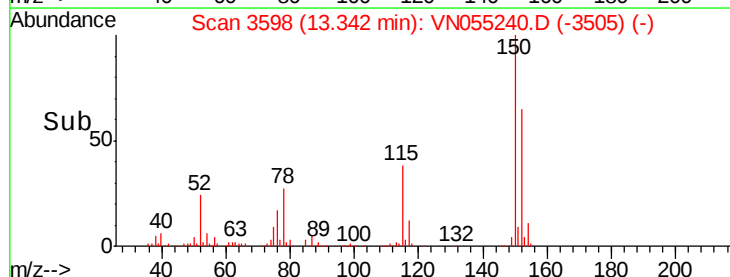
150 153.6 0.0 346.6

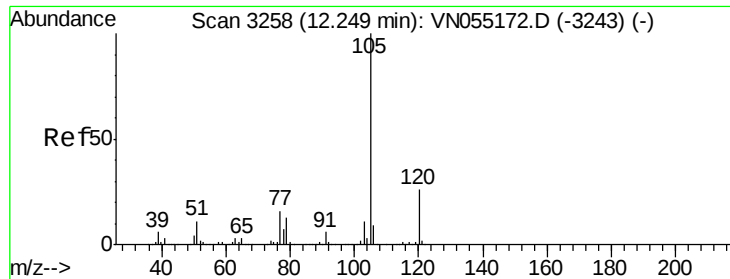


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3257

Delta R.T. -0.00 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampled :

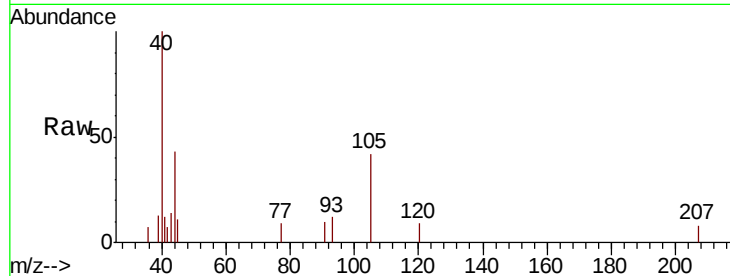
RBR200051

Tot Ion: 105 Resp: 1495

Ion Ratio Lower Upper

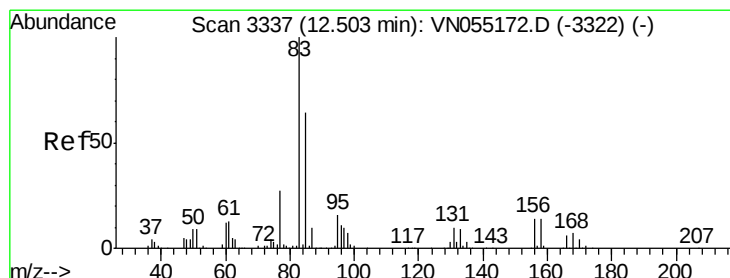
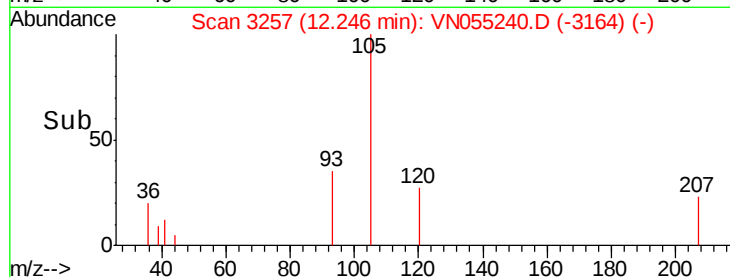
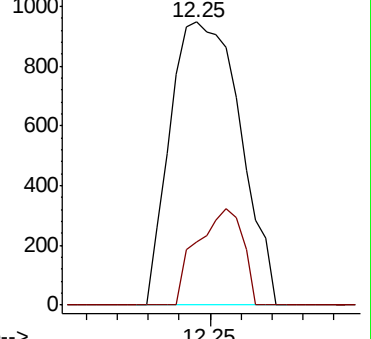
105 100

120 22.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

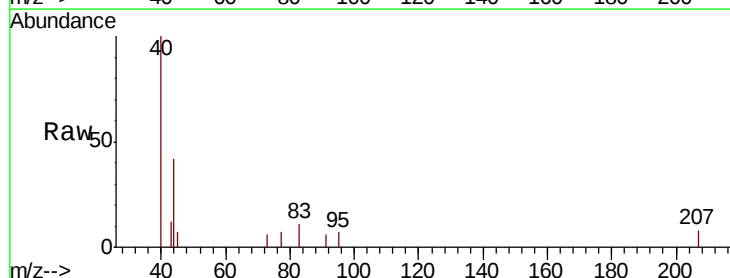
Tgt Ion: 83 Resp: 238

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

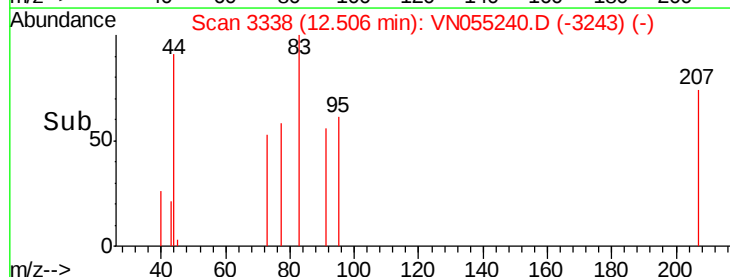
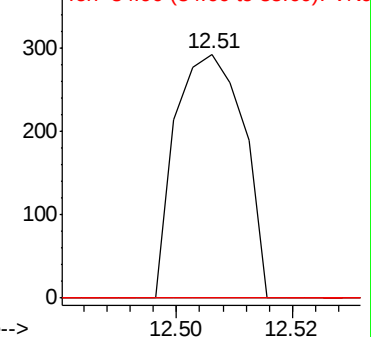
85 0.0 32.1 96.3#

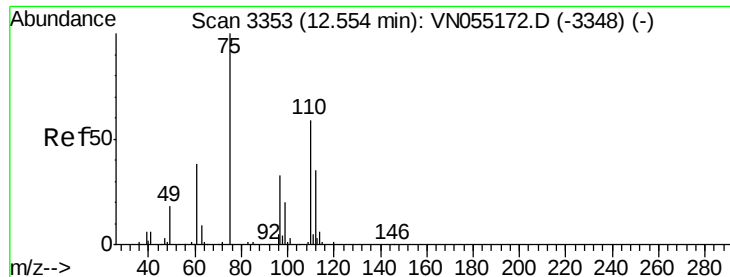


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 35.697 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

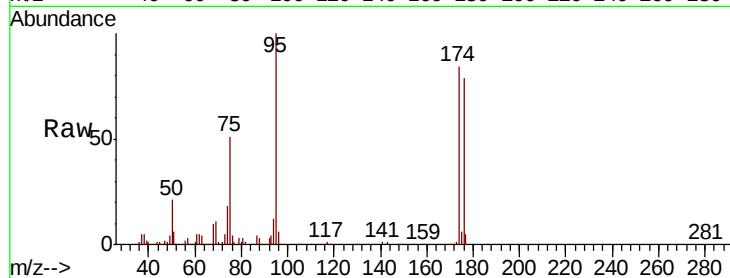
RBR200051

Tot Ion: 75 Resp: 129969

Ion Ratio Lower Upper

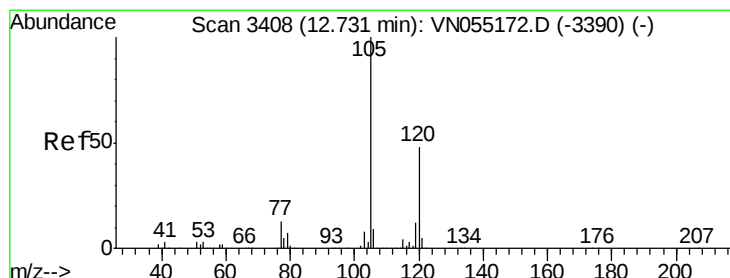
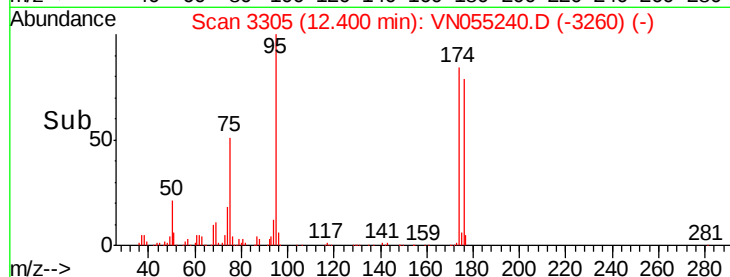
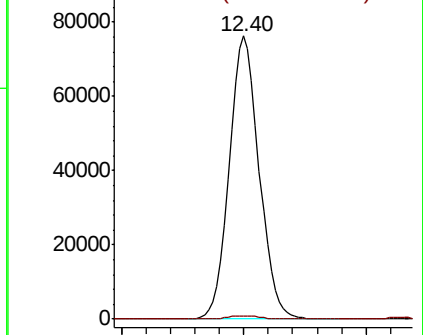
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055172.D (-3348) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.510 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055240.D

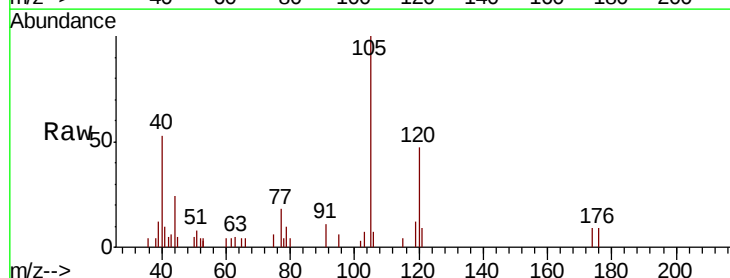
Acq: 25 Apr 2019 12:05

Tgt Ion: 105 Resp: 6857

Ion Ratio Lower Upper

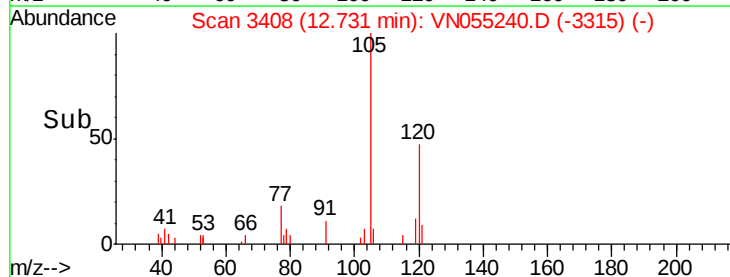
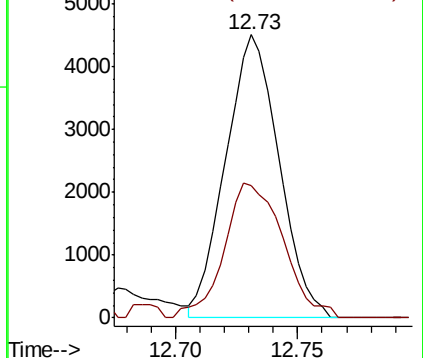
105 100

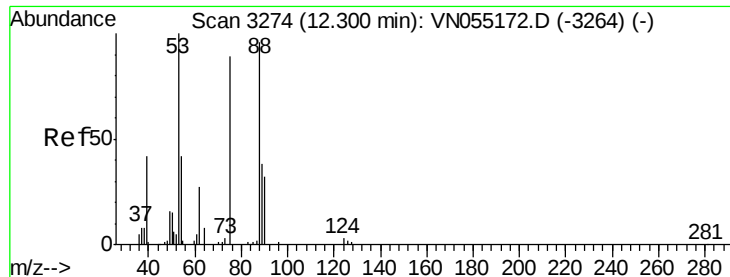
120 52.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN055172.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055172.D (-3390) (-)

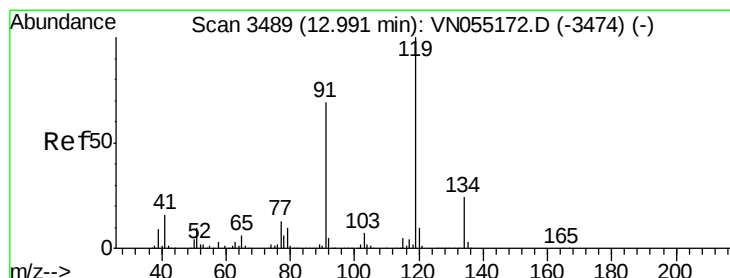
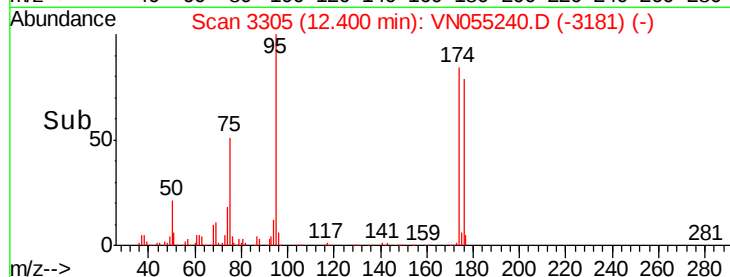
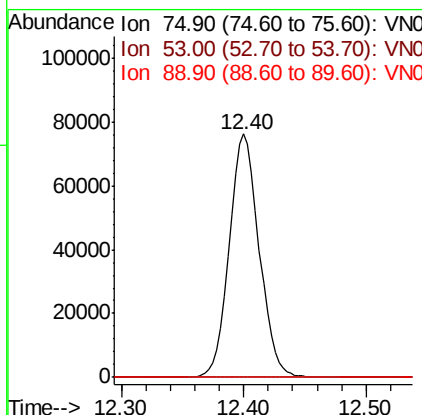
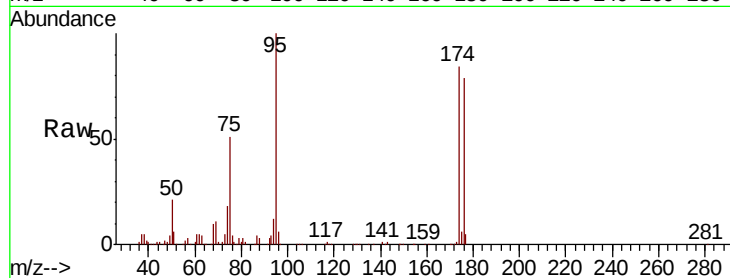




#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.320 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055240.D
 Acq: 25 Apr 2019 12:05

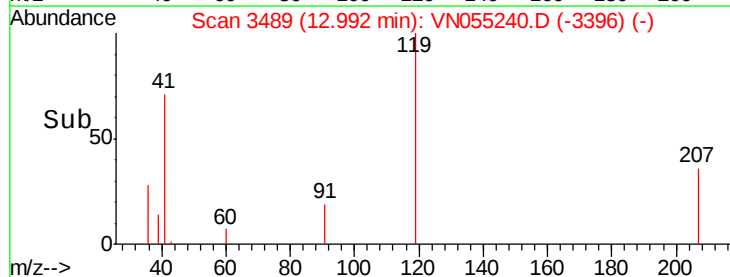
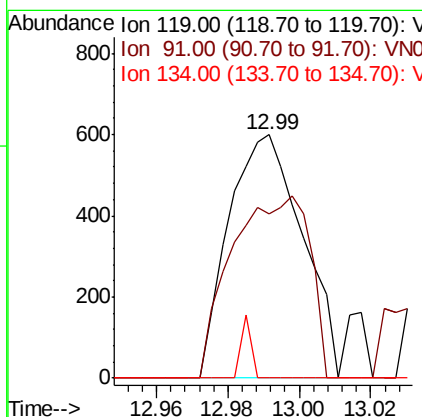
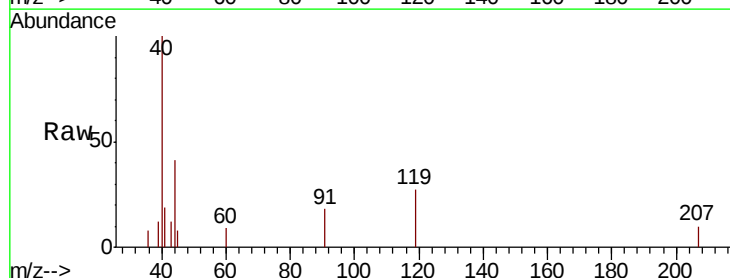
Instrument :
 MSVOA_N
 ClientSampled :
 RBR200051

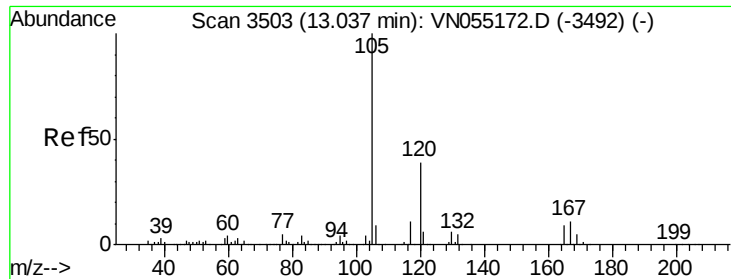
Tot Ion: 75 Resp: 129969
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.0 36.7 55.1#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055240.D
 Acq: 25 Apr 2019 12:05

Tgt Ion: 119 Resp: 853
 Ion Ratio Lower Upper
 119 100
 91 79.4 33.8 101.3
 134 3.5 13.2 39.5#

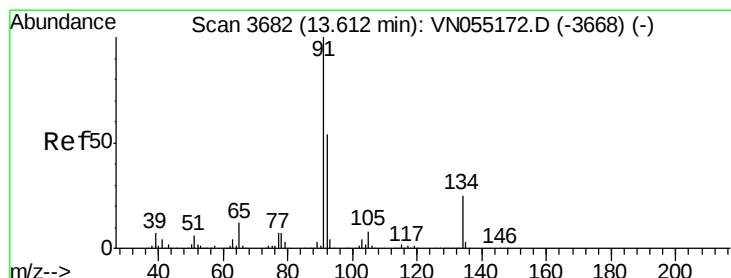
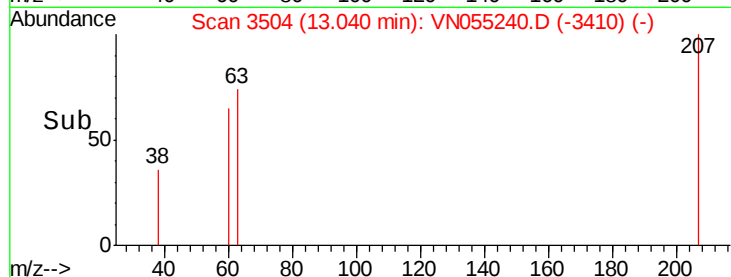
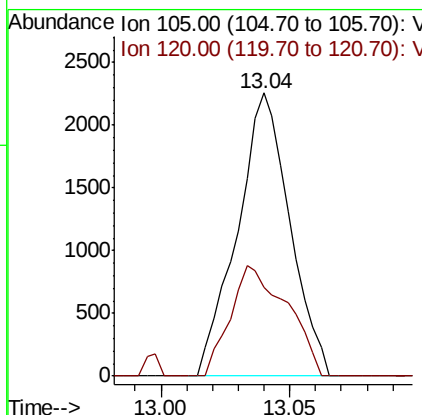
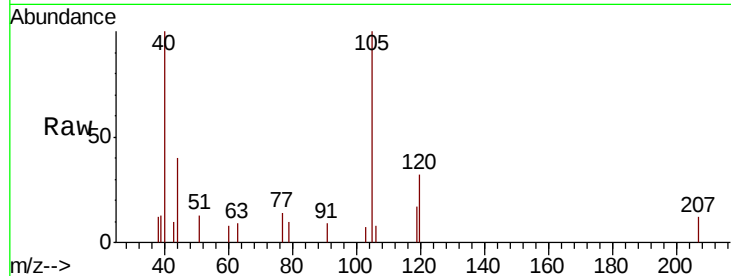




#84
 1,2,4-Trimethylbenzene
 Concen: 0.252 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055240.D
 Acq: 25 Apr 2019 12:05

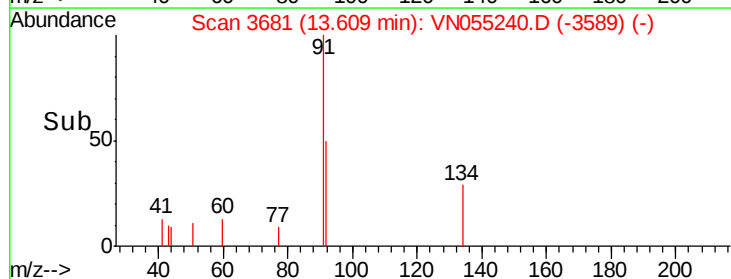
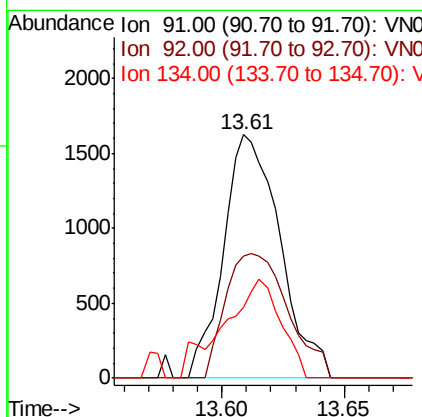
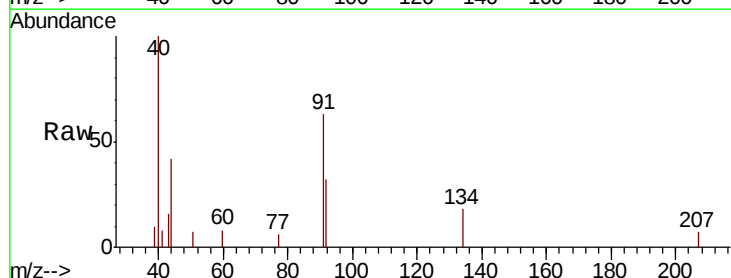
Instrument :
 MSVOA_N
 ClientSampled :
 RBR200051

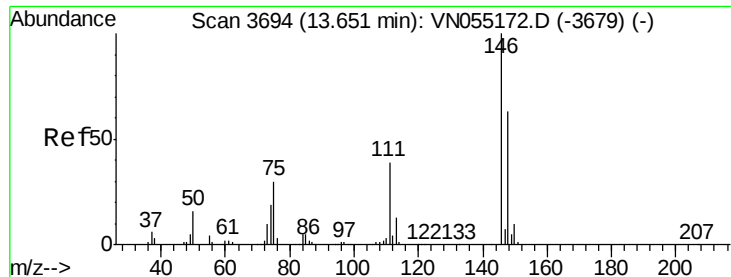
Tot Ion:105 Resp: 3200
 Ion Ratio Lower Upper
 105 100
 120 42.3 22.7 68.1



#89
 n-Butylbenzene
 Concen: 0.282 ug/l
 RT: 13.61 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: VN055240.D
 Acq: 25 Apr 2019 12:05

Tgt Ion: 91 Resp: 2614
 Ion Ratio Lower Upper
 91 100
 92 56.7 26.4 79.2
 134 41.0 12.8 38.4#





#91

1,2-Dichlorobenzene

Concen: 0.235 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampled :

RBR200051

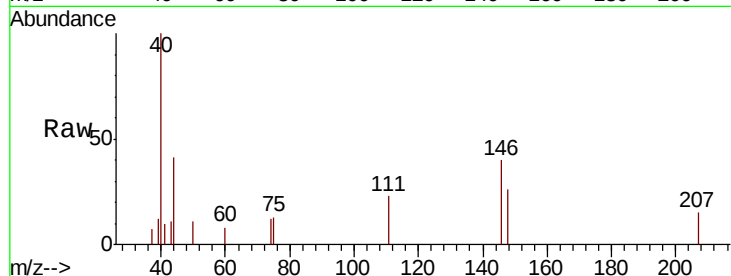
Tot Ion:146 Resp: 1466

Ion Ratio Lower Upper

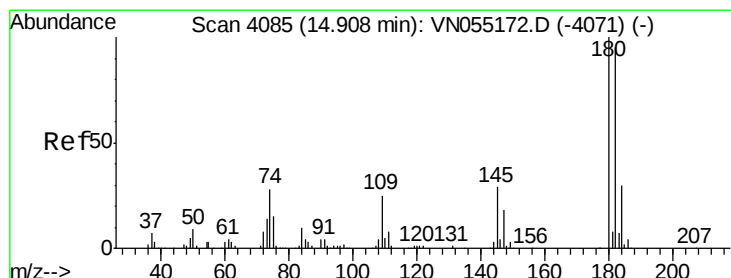
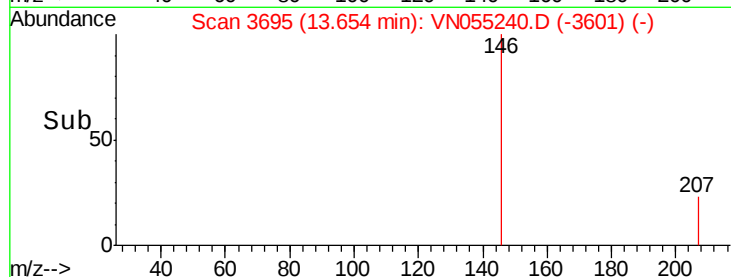
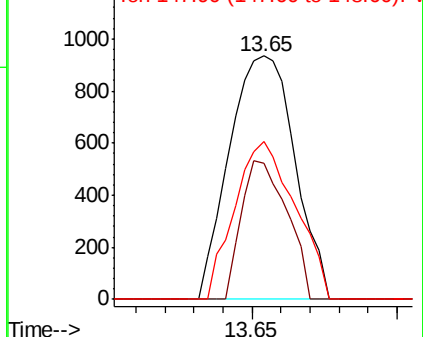
146 100

111 39.6 19.8 59.3

148 59.9 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 3.193 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

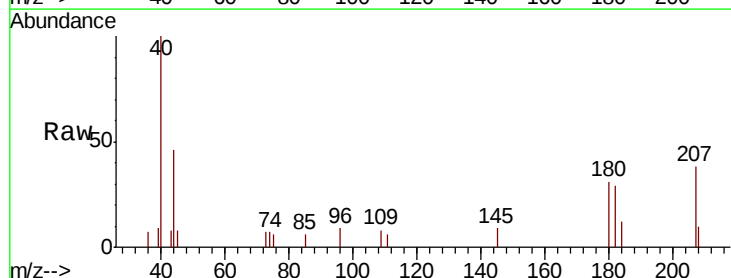
Tgt Ion:180 Resp: 1271

Ion Ratio Lower Upper

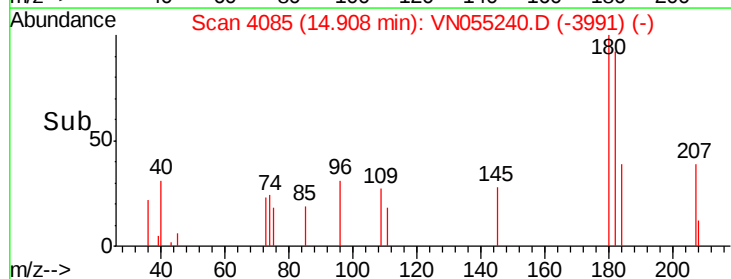
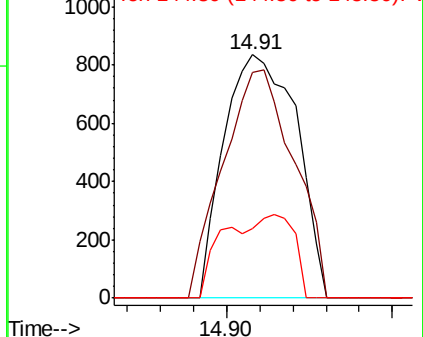
180 100

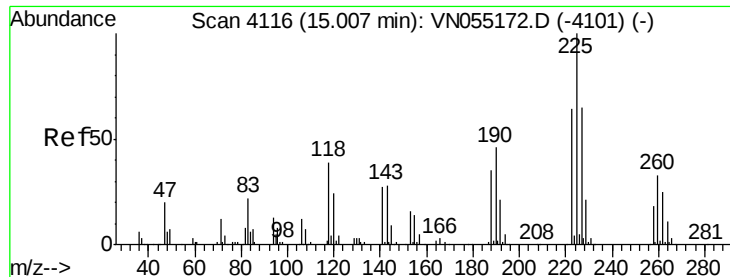
182 91.7 47.8 143.4

145 13.1 14.5 43.5#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

Instrument :

MSVOA_N

ClientSampleId :

RBR200051

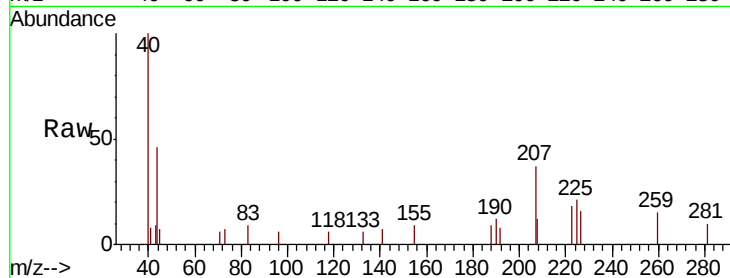
Tot Ion:225 Resp: 893

Ion Ratio Lower Upper

225 100

223 76.4 32.2 96.6

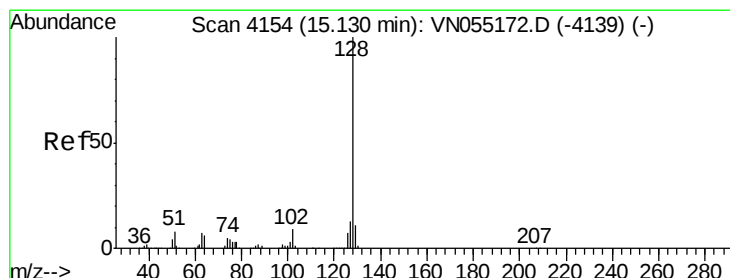
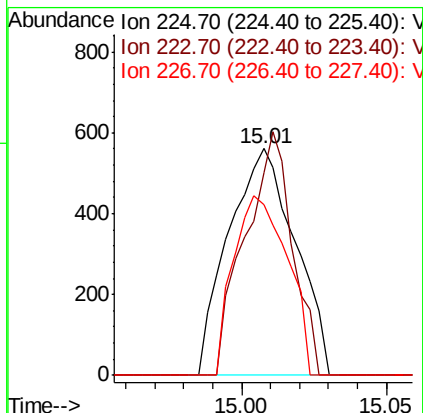
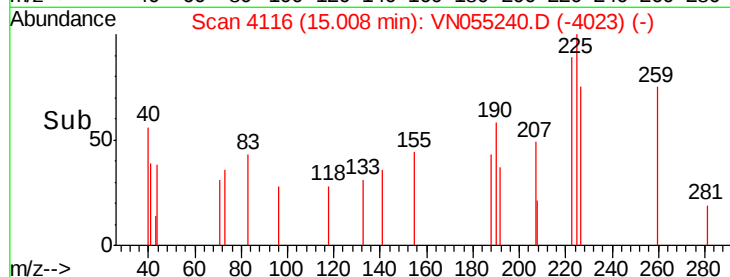
227 63.8 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.442 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055240.D

Acq: 25 Apr 2019 12:05

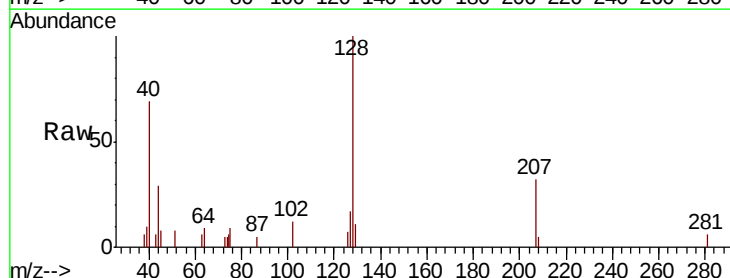
Tgt Ion:128 Resp: 6511

Ion Ratio Lower Upper

128 100

127 14.2 10.3 15.5

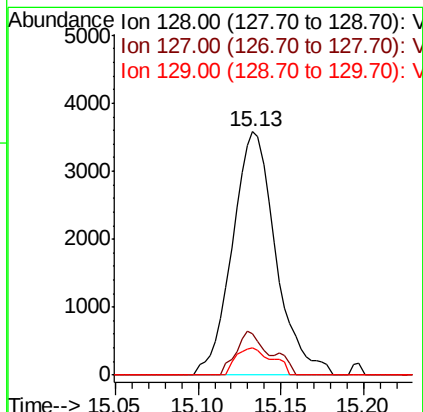
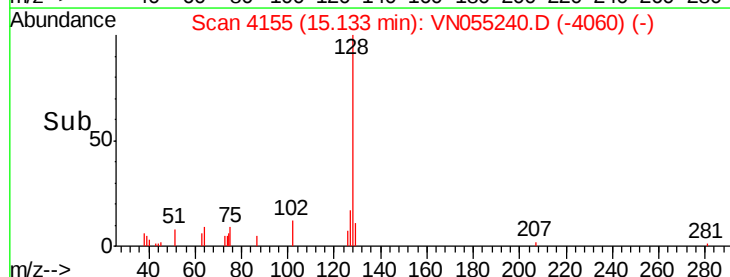
129 9.5 8.8 13.2

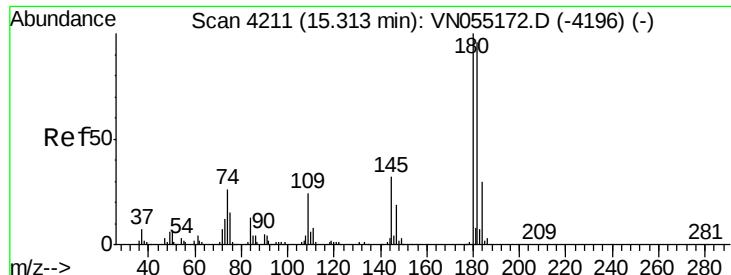


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.690 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055240.D
 Acq: 25 Apr 2019 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200051

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.2	141.6
145	34.1	15.4	46.1

