

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
 Data File : VN053309.D
 Acq On : 8 Jan 2019 11:04
 Operator : MD\SY
 Sample : K1071-05ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-15(15-20)ME

Quant Time: Jan 09 00:07:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	988910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1524479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1349699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	731518	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	478553	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
35) Dibromofluoromethane	7.59	113	401420	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
50) Toluene-d8	10.09	98	1998816	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.40	95	864444	65.96	ug/l	0.00
Spiked Amount			Recovery	=	131.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.52	94	1736	0.229	ug/l	86
16) Acetone	3.81	43	1064	Below Cal	#	40
18) Methyl Acetate	4.34	43	5615	0.603	ug/l #	61
20) Methylene Chloride	4.54	84	2600	0.235	ug/l #	78
29) Tetrahydrofuran	7.22	42	2167	0.778	ug/l #	71
31) Cyclohexane	7.66	56	47567	2.524	ug/l #	51
36) 1,1-Dichloropropene	7.66	75	63861	4.487	ug/l #	49
38) Carbon Tetrachloride	7.66	117	85451	6.505	ug/l #	16
39) Methylcyclohexane	9.08	83	871364	52.849	ug/l	98
43) Isopropyl Acetate	8.15	43	43716	2.397	ug/l #	52
47) Bromodichloromethane	9.36	83	13097	0.945	ug/l #	48
48) Methyl methacrylate	9.14	41	48286	5.828	ug/l #	28
51) 4-Methyl-2-Pentanone	10.02	43	7885	0.860	ug/l	92
55) 1,1,2-Trichloroethane	10.53	97	407620	41.565	ug/l #	20
56) Ethyl methacrylate	10.43	69	184991	14.516	ug/l #	1
59) 2-Hexanone	10.72	43	1113059	177.139	ug/l #	27
60) Dibromochloromethane	10.82	129	3291	0.311	ug/l	58
61) 1,2-Dibromoethane	11.00	107	2304	0.238	ug/l #	1
65) Chlorobenzene	11.44	112	890964	30.387	ug/l	98
67) Ethyl Benzene	11.51	91	15741	0.316	ug/l	97
68) m/p-Xylenes	11.62	106	5632	0.301	ug/l #	12
69) o-Xylene	11.95	106	4764	0.260	ug/l #	1
73) Isopropylbenzene	12.25	105	1610030	29.562	ug/l	100
74) N-amyl acetate	12.05	43	1758865	108.150	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.47	83	318465	25.419	ug/l #	26
76) 1,2,3-Trichloropropane	12.59	75	22087	2.070	ug/l #	100
77) Bromobenzene	12.50	156	5718	0.393	ug/l #	1
78) n-propylbenzene	12.59	91	3983405	64.659	ug/l	99
79) 2-Chlorotoluene	12.59	91	3983405	106.860	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.25	75	17437	4.808	ug/l #	5
82) 4-Chlorotoluene	12.59	91	3998964	104.619	ug/l #	40
83) tert-Butylbenzene	12.99	119	142811	3.710	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.17	105	4618793	103.343	ug/l #	31
85) sec-Butylbenzene	13.17	105	4618793	90.990	ug/l	85

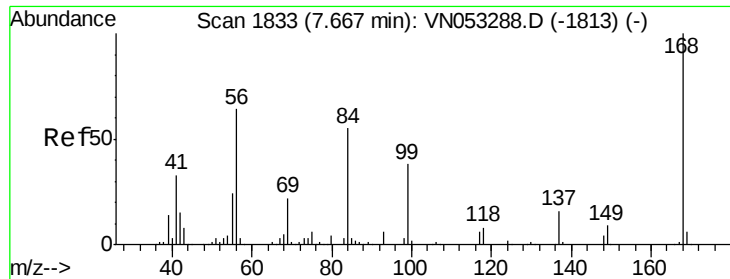
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
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CPSB-15(15-20)ME

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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.44	119	728947	16.586	ug/l	87
87) 1,3-Dichlorobenzene	13.28	146	13162	0.514	ug/l #	1
88) 1,4-Dichlorobenzene	13.36	146	136740	5.385	ug/l #	1
89) n-Butylbenzene	13.62	91	2663206	72.276	ug/l #	85
90) Hexachloroethane	13.89	117	820853	116.526	ug/l #	3
91) 1,2-Dichlorobenzene	13.65	146	8736	0.364	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.29	75	21118	13.897	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	9209	1.221	ug/l #	1
95) Naphthalene	15.10	128	108645	8.447	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.28	180	30861	6.252	ug/l #	1

(#) = 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: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

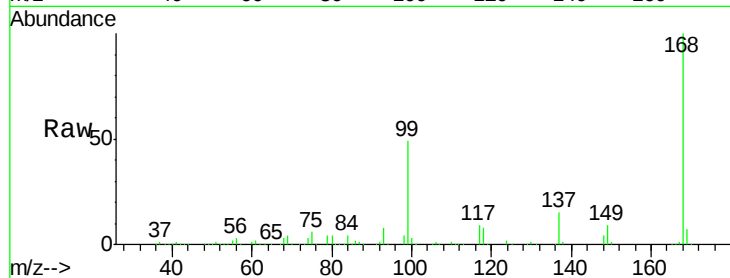
CPSB-15(15-20)ME

Tot Ion:168 Resp: 988910

Ion Ratio Lower Upper

168 100

99 49.1 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

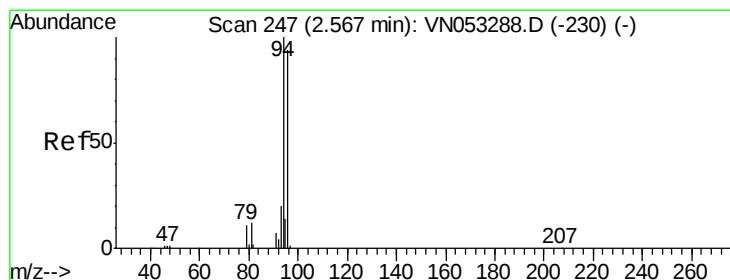
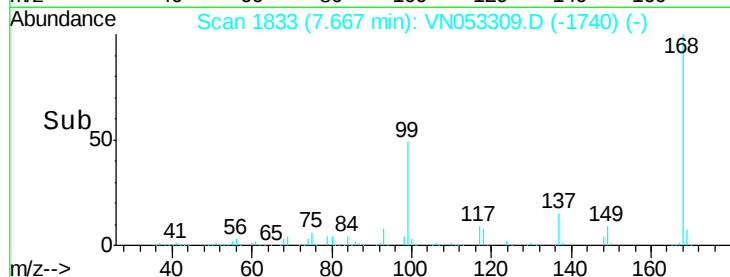
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.229 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.05 min

Lab File: VN053309.D

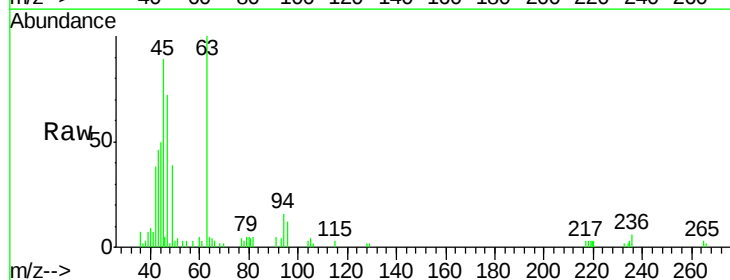
Acq: 8 Jan 2019 11:04

Tgt Ion: 94 Resp: 1736

Ion Ratio Lower Upper

94 100

96 79.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.52

1200

1000

800

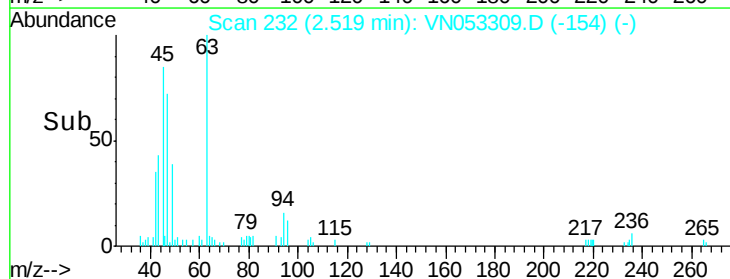
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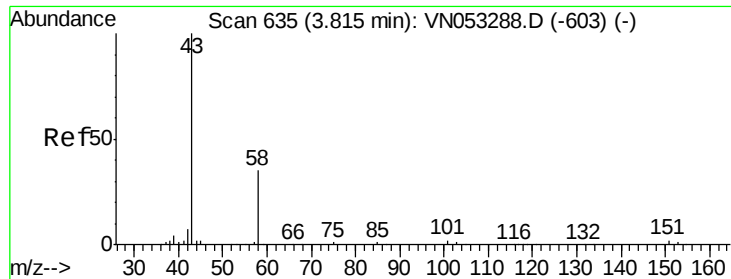
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200

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Time-->

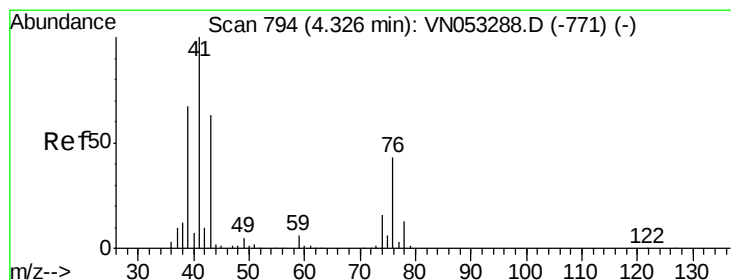
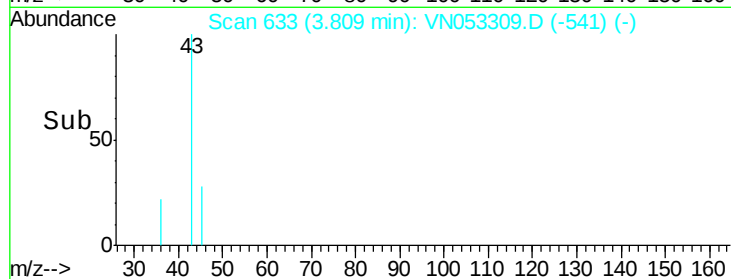
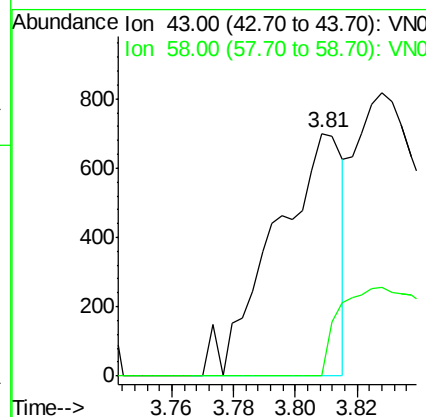
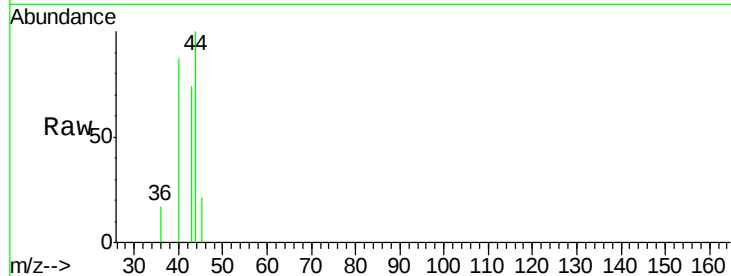




#16
Acetone
Concen: Below Cal
RT: 3.81 min Scan# 633
Delta R.T. -0.01 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

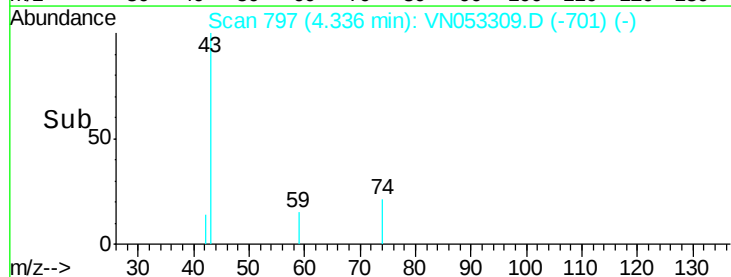
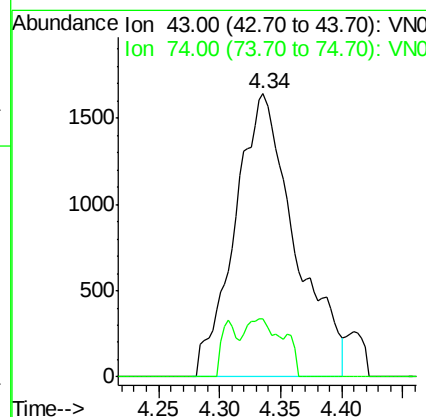
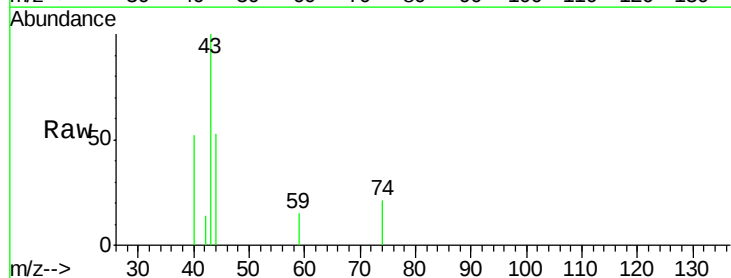
Instrument :
MSVOA_N
ClientSampleId :
CPSB-15(15-20)ME

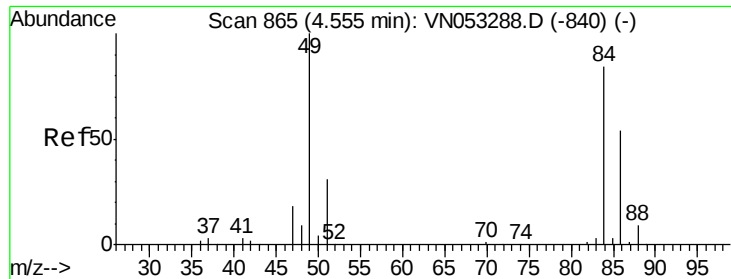
Tot Ion: 43 Resp: 1064
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.6#



#18
Methyl Acetate
Concen: 0.603 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Tgt Ion: 43 Resp: 5615
Ion Ratio Lower Upper
43 100
74 5.1 19.8 29.8#

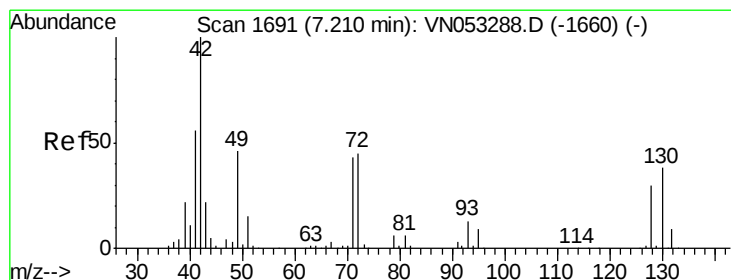
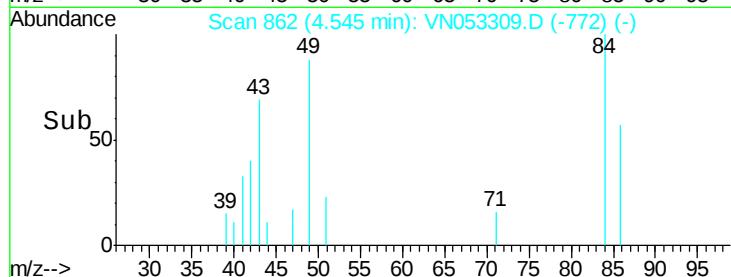
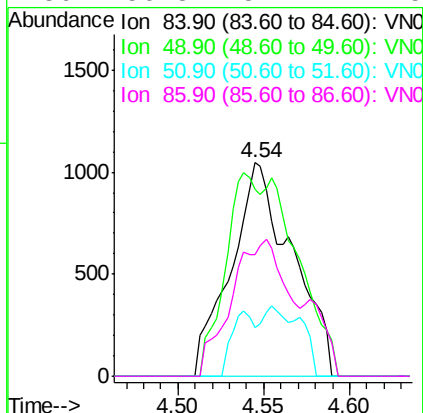
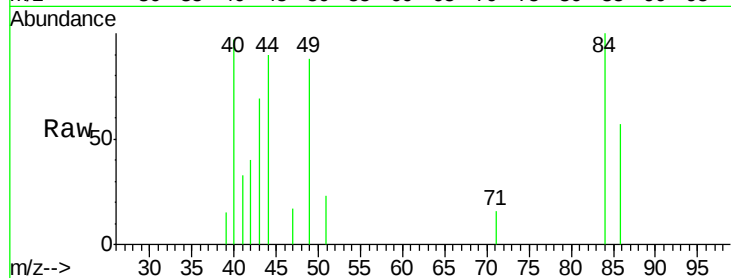




#20
Methvlene Chloride
Concen: 0.235 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

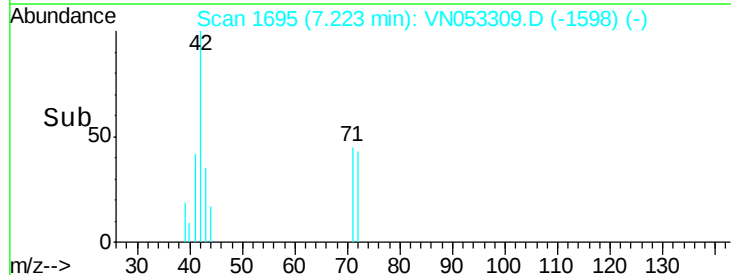
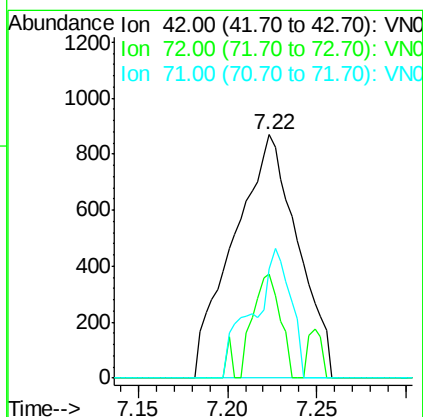
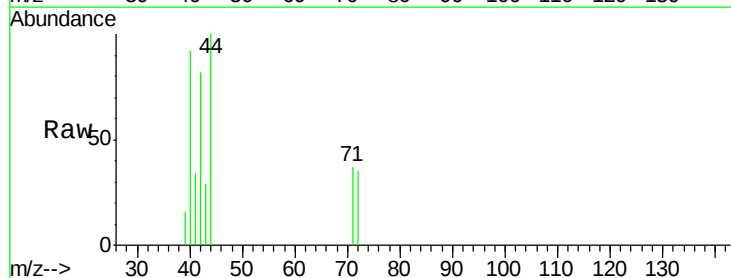
Instrument :
MSVOA_N
ClientSampleId :
CPSB-15(15-20)ME

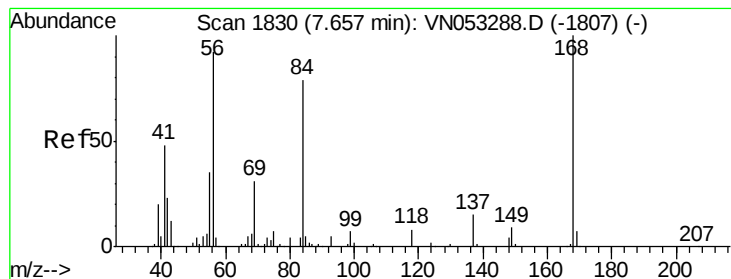
Tot Ion: 84 Resp: 2600
Ion Ratio Lower Upper
84 100
49 87.7 95.3 142.9#
51 22.9 29.0 43.6#
86 56.8 51.7 77.5



#29
Tetrahydrofuran
Concen: 0.778 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Tgt Ion: 42 Resp: 2167
Ion Ratio Lower Upper
42 100
72 18.3 35.6 53.4#
71 31.9 33.8 50.8#





#31

Cyclohexane

Concen: 2.524 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

CPSB-15(15-20)ME

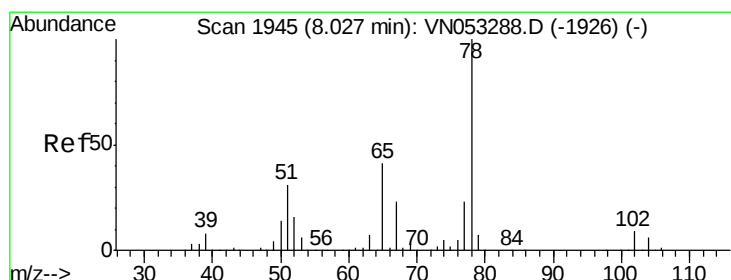
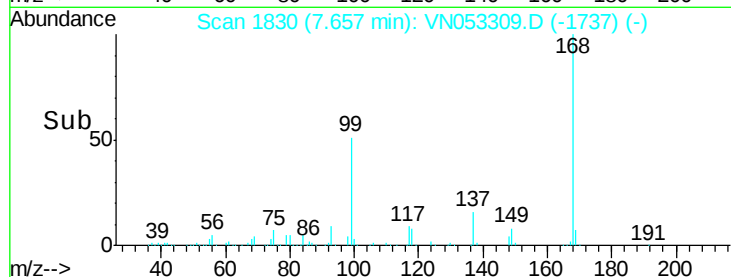
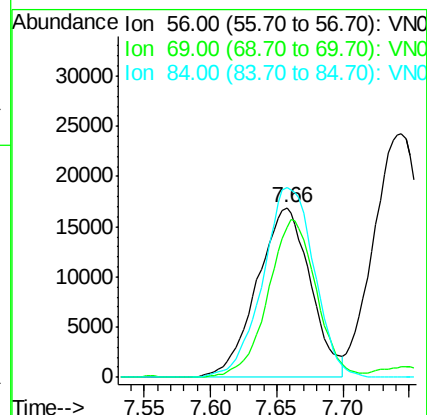
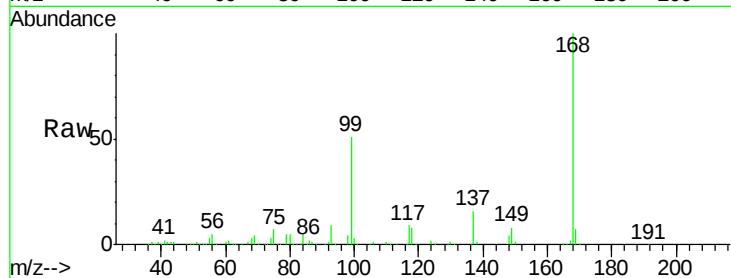
Tot Ion: 56 Resp: 47567

Ion Ratio Lower Upper

56 100

69 88.8 26.7 40.1#

84 112.2 68.2 102.4#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053309.D

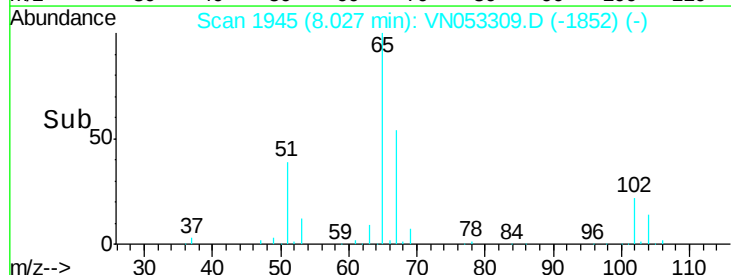
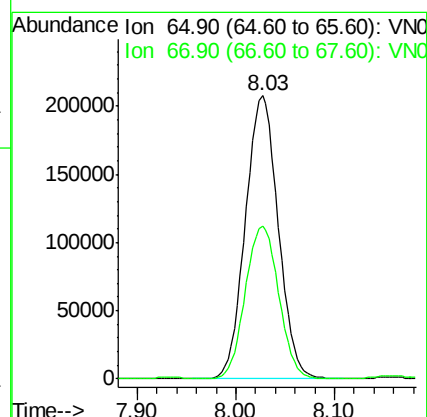
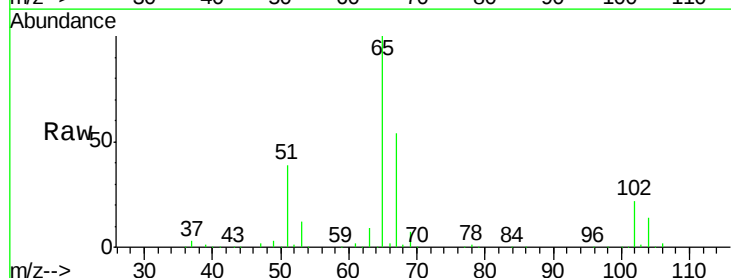
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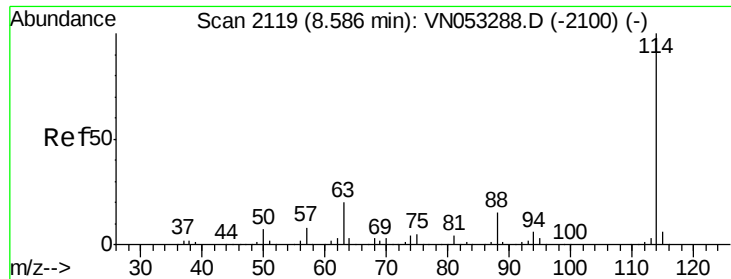
Tgt Ion: 65 Resp: 478553

Ion Ratio Lower Upper

65 100

67 54.7 0.0 111.0

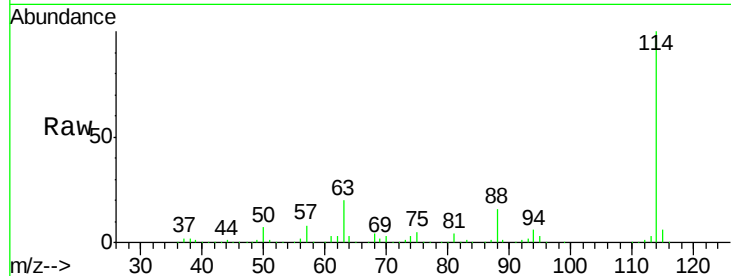




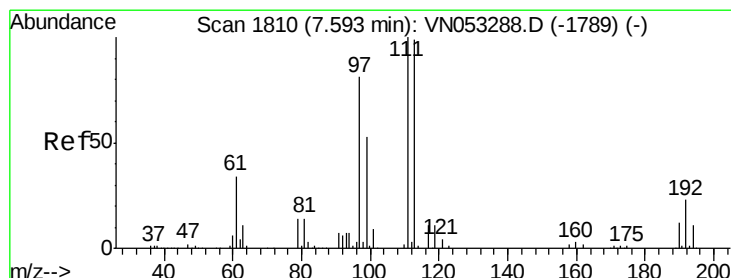
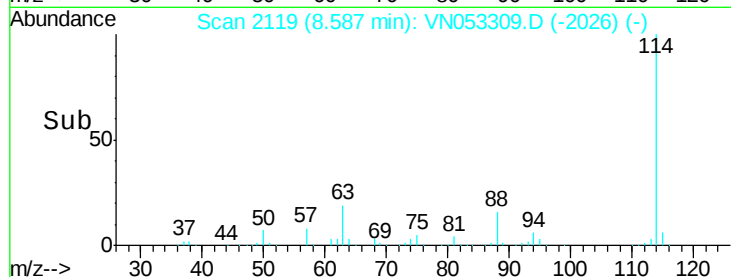
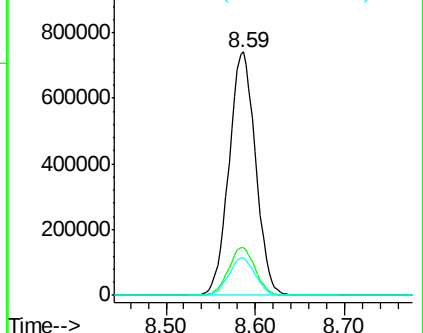
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

Instrument :
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 CPSB-15(15-20)ME

Tot Ion:114 Resp: 1524479
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.6 0.0 30.8

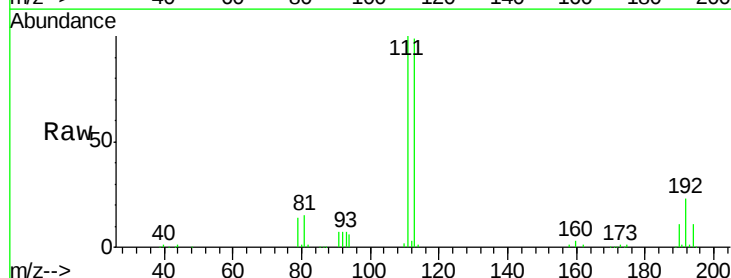


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

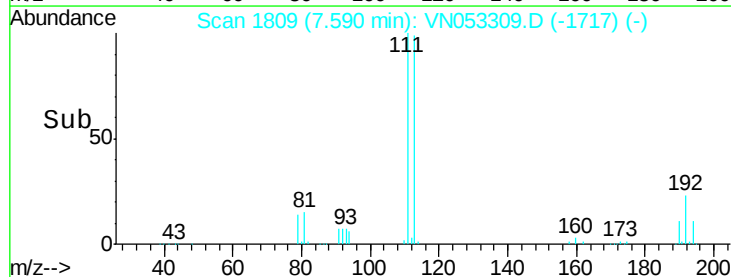
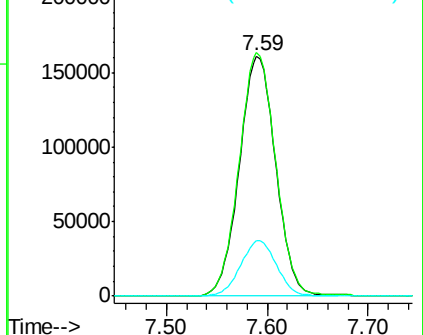


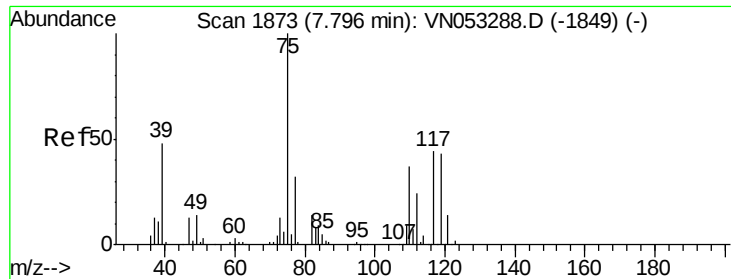
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

Tgt Ion:113 Resp: 401420
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 22.9 17.9 26.9



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

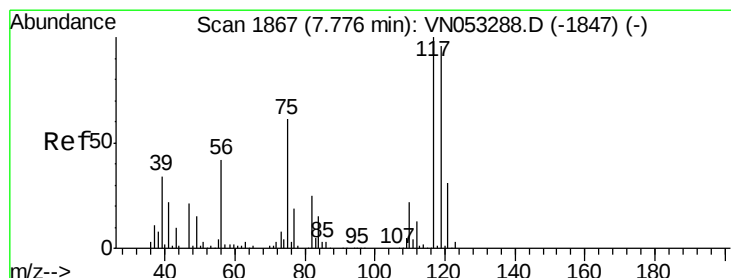
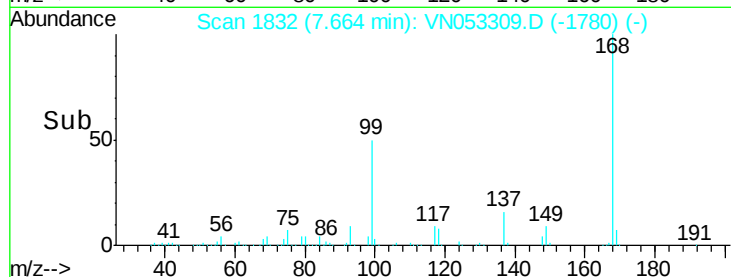
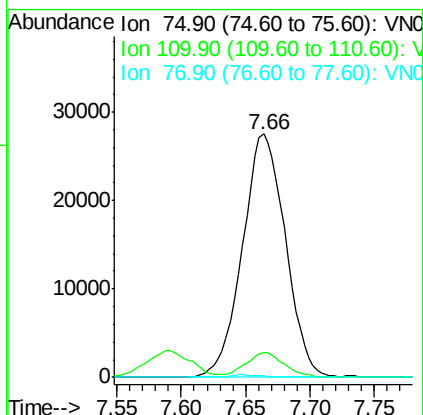
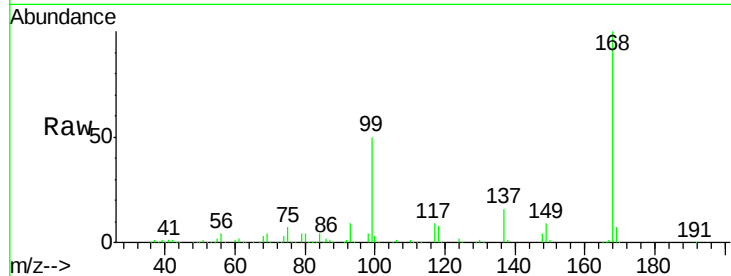




#36
 1,1-Dichloropropene
 Concen: 4.487 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

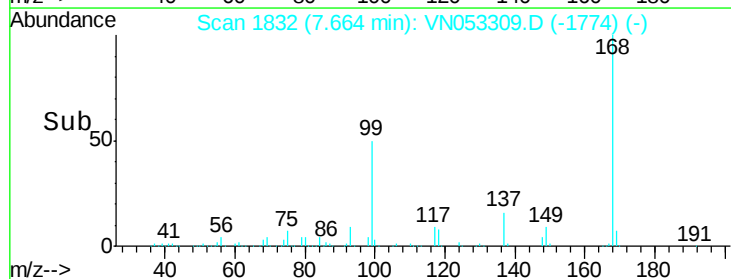
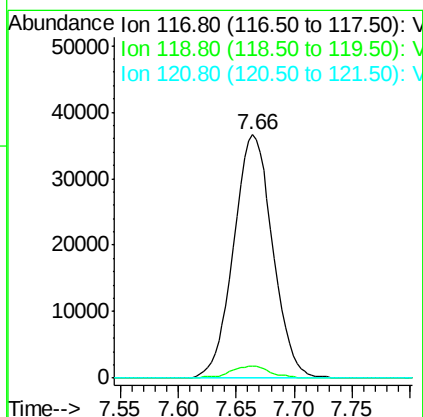
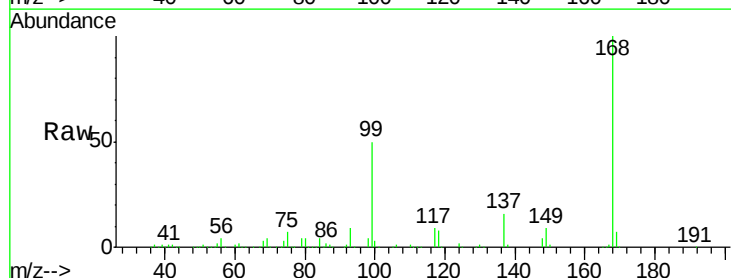
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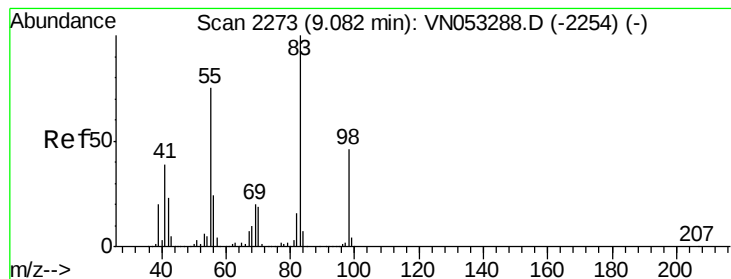
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.4	55.0#
77	0.6	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 6.505 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.6	115.0#
121	0.0	25.0	37.4#





#39

Methvlcvclohexane

Concen: 52.849 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

CPSB-15(15-20)ME

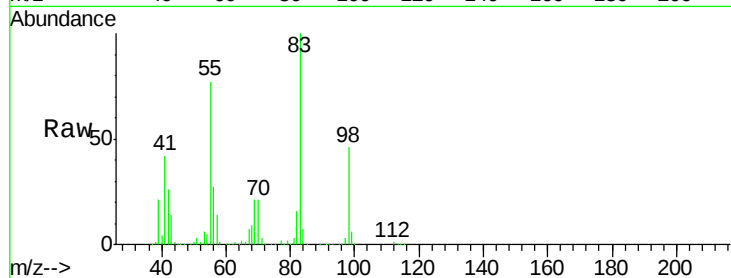
Tot Ion: 83 Resp: 871364

Ion Ratio Lower Upper

83 100

55 77.1 60.1 90.1

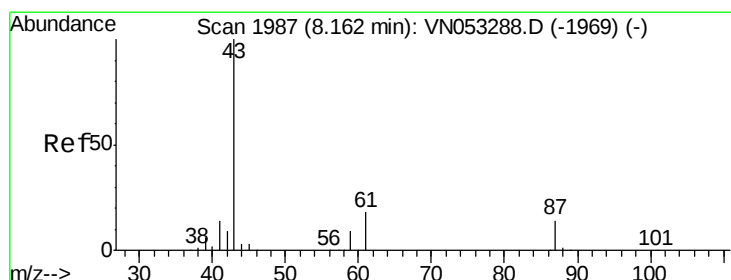
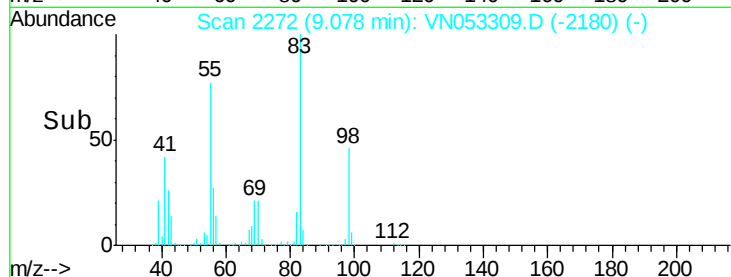
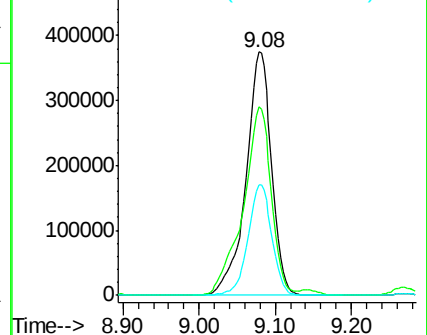
98 45.5 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#43

Isopropyl Acetate

Concen: 2.397 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.01 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

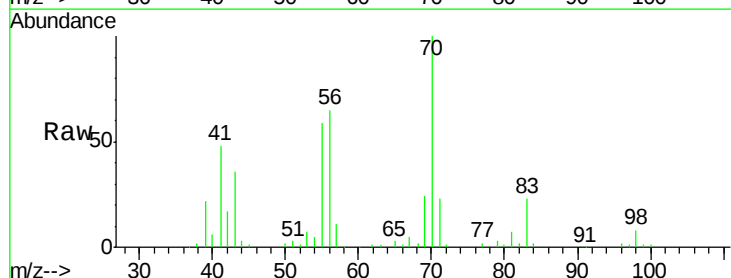
Tgt Ion: 43 Resp: 43716

Ion Ratio Lower Upper

43 100

61 0.0 23.3 34.9#

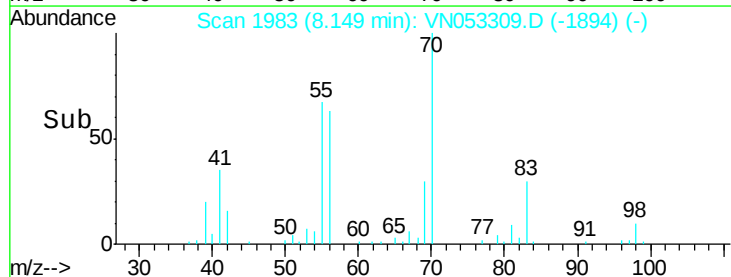
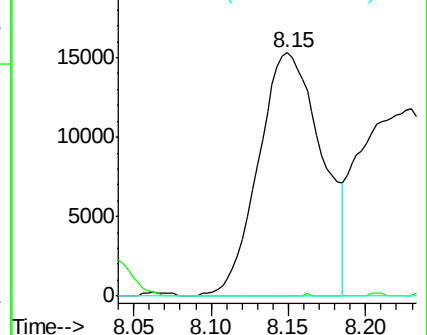
87 0.0 10.8 16.2#

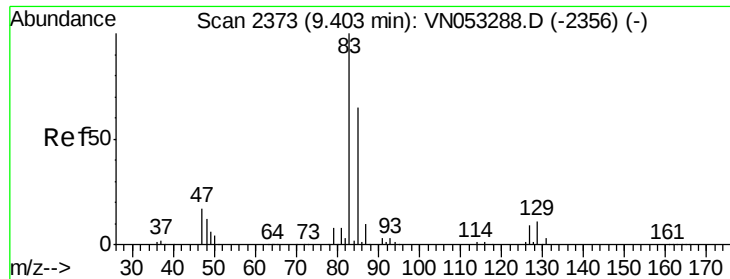


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#47

Bromodichloromethane

Concen: 0.945 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.04 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

CPSB-15(15-20)ME

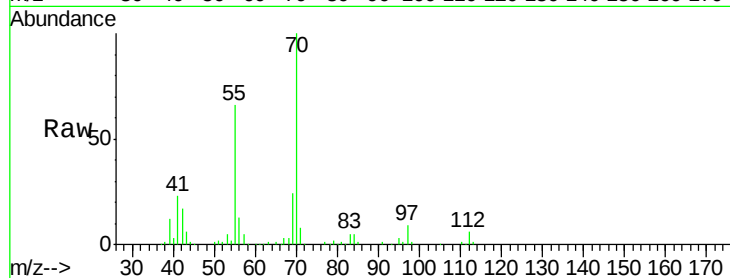
Tot Ion: 83 Resp: 13097

Ion Ratio Lower Upper

83 100

85 21.2 51.7 77.5#

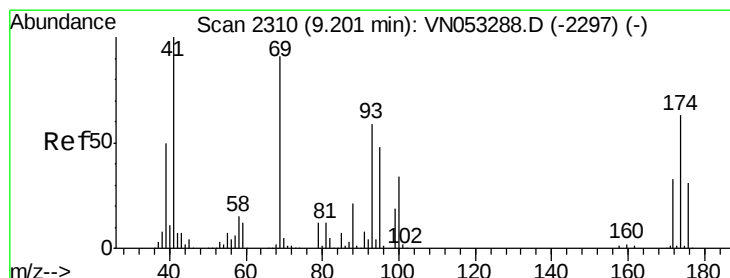
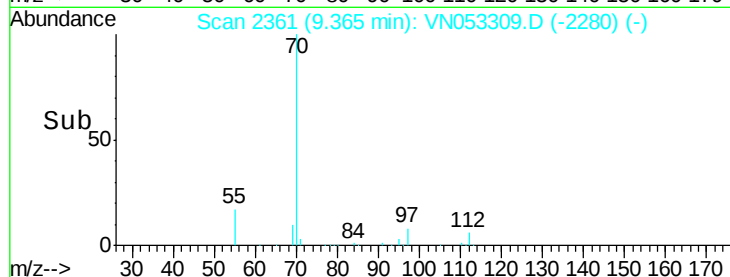
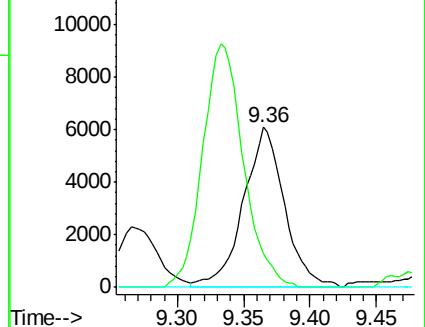
127 0.0 7.0 10.6#



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: 5.828 ug/l

RT: 9.14 min Scan# 2292

Delta R.T. -0.06 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

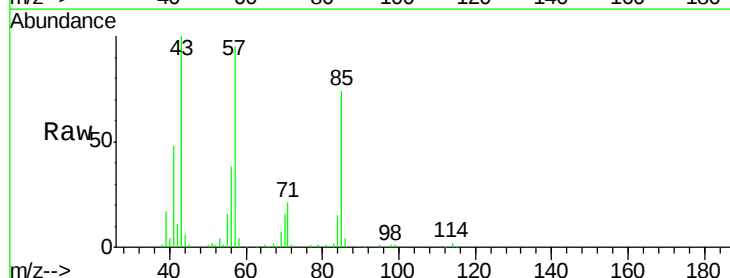
Tgt Ion: 41 Resp: 48286

Ion Ratio Lower Upper

41 100

69 0.0 73.5 110.3#

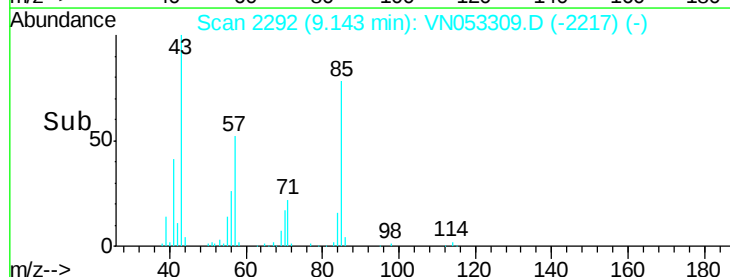
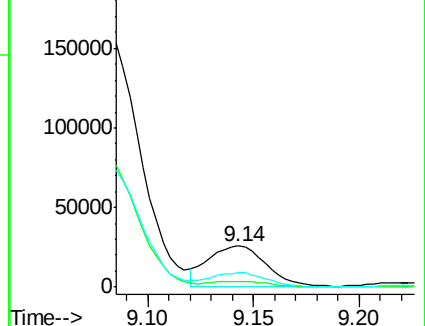
39 31.4 41.6 62.4#

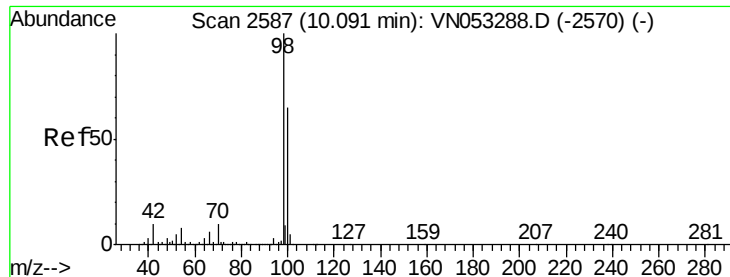


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

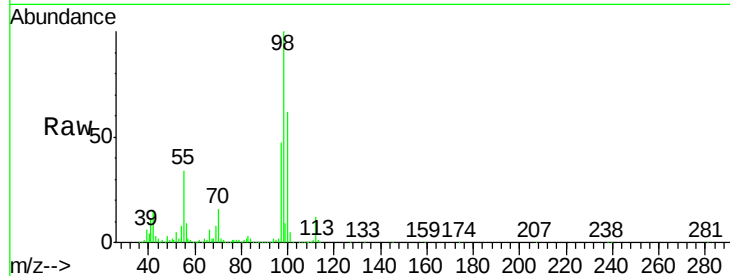
CPSB-15(15-20)ME

Tot Ion: 98 Resp: 1998816

Ion Ratio Lower Upper

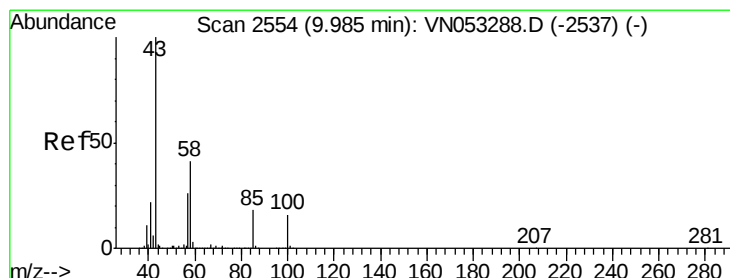
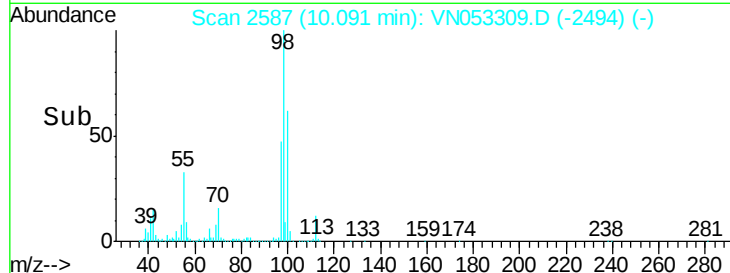
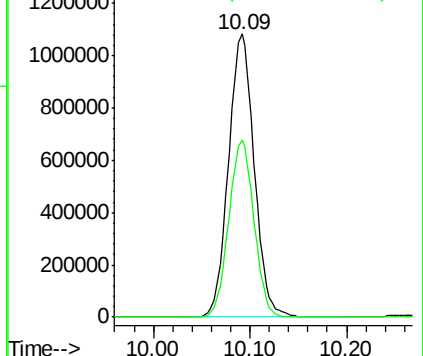
98 100

100 61.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.860 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN053309.D

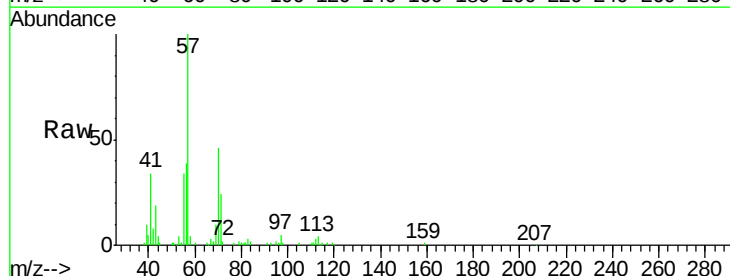
Acq: 8 Jan 2019 11:04

Tgt Ion: 43 Resp: 7885

Ion Ratio Lower Upper

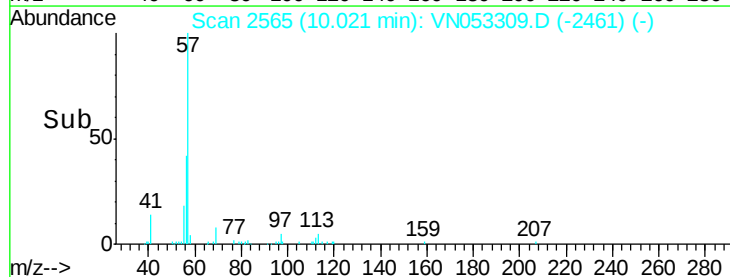
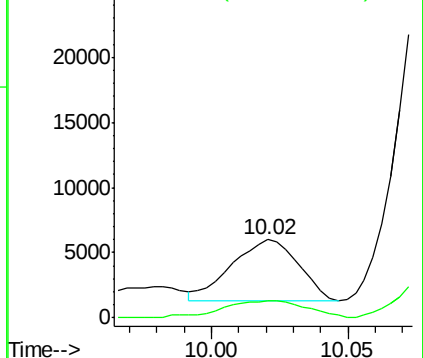
43 100

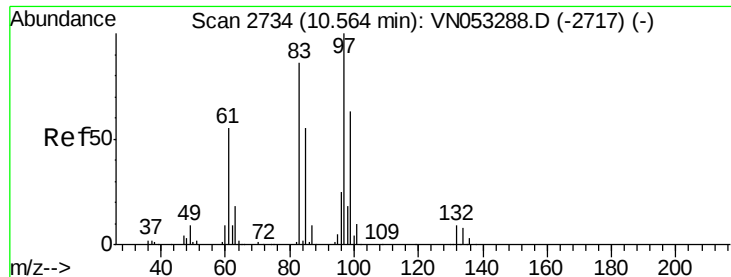
58 35.9 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

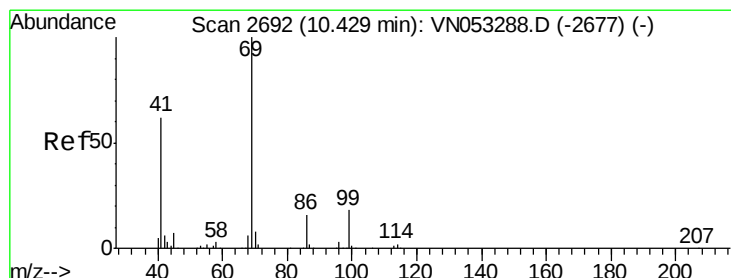
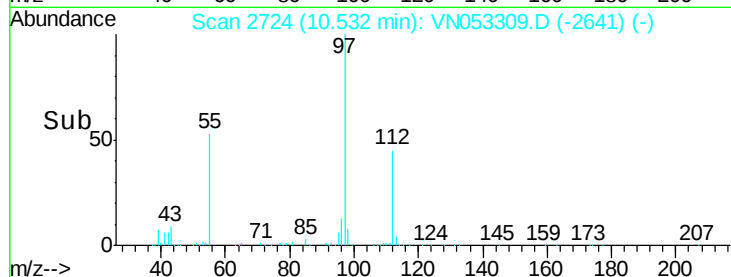
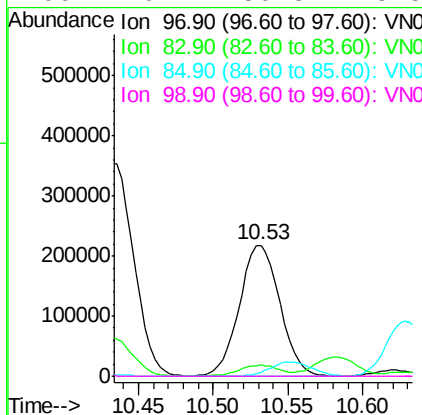
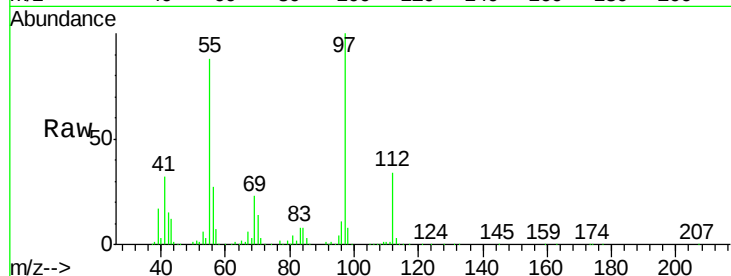




#55
 1,1,2-Trichloroethane
 Concen: 41.565 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

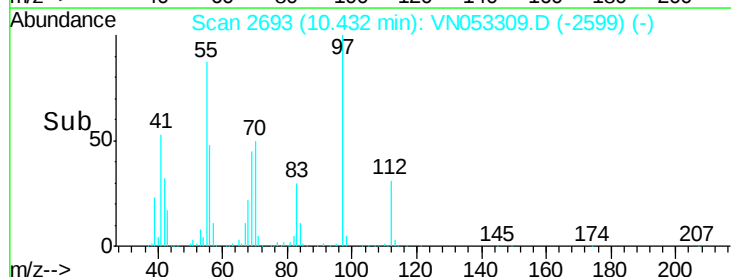
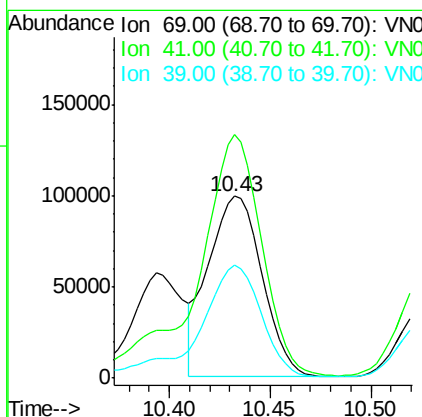
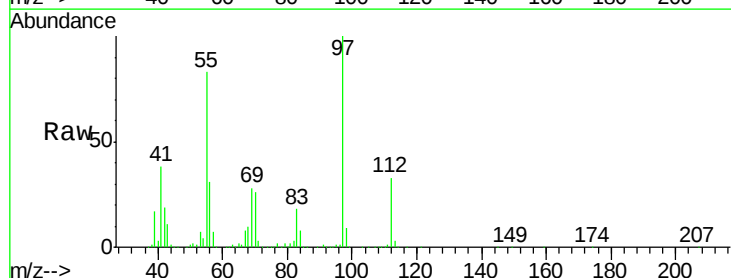
Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-15(15-20)ME

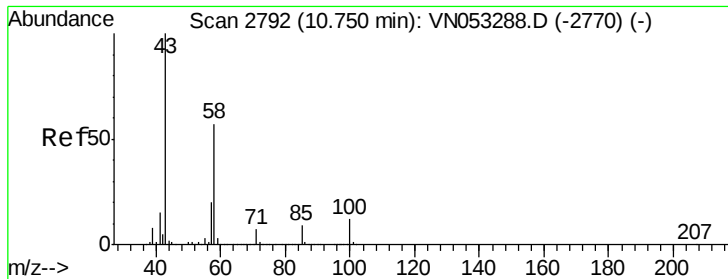
Tot Ion: 97 Resp: 407620
 Ion Ratio Lower Upper
 97 100
 83 8.3 69.1 103.7#
 85 3.0 44.2 66.4#
 99 0.2 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 14.516 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

Tgt Ion: 69 Resp: 184991
 Ion Ratio Lower Upper
 69 100
 41 162.9 49.2 73.8#
 39 61.9 23.4 35.0#

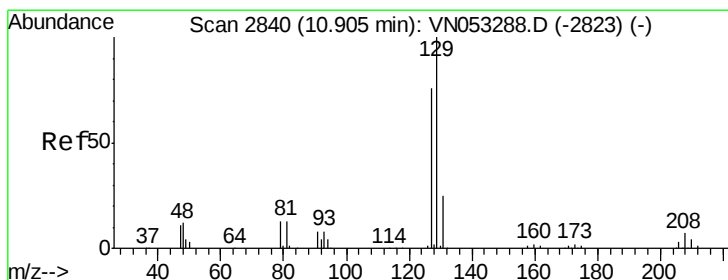
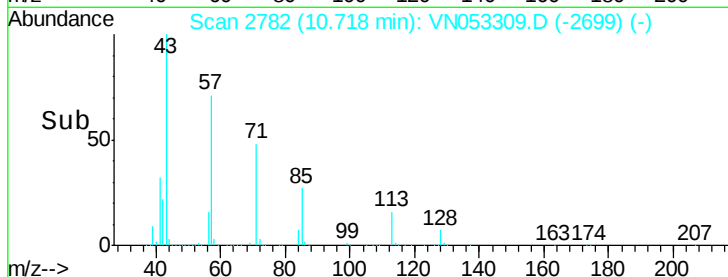
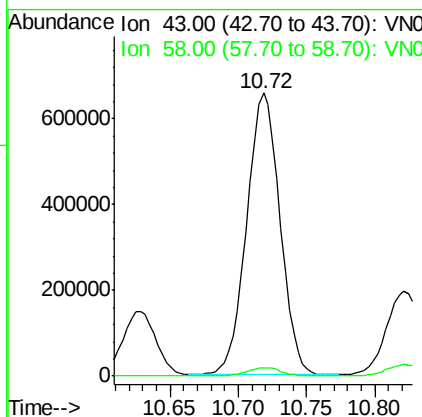
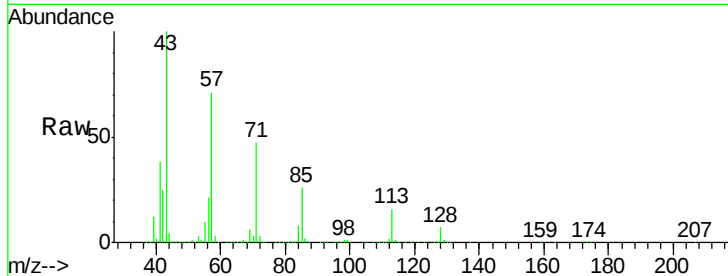




#59
2-Hexanone
Concen: 177.139 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

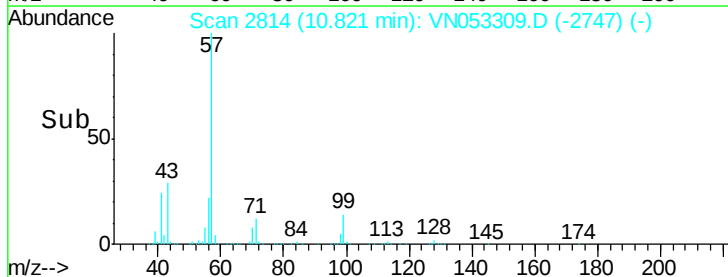
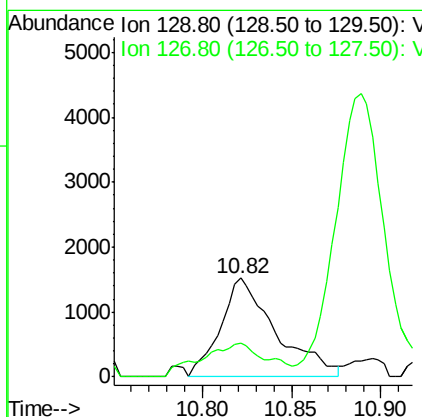
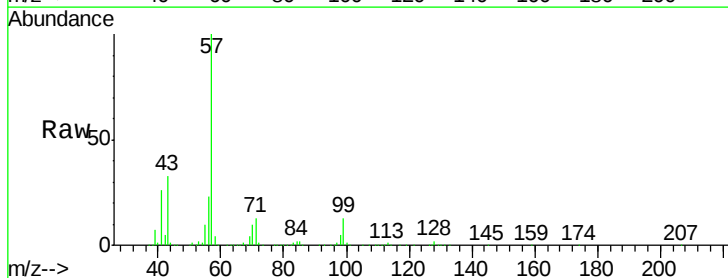
Instrument :
MSVOA_N
ClientSampleId :
CPSB-15(15-20)ME

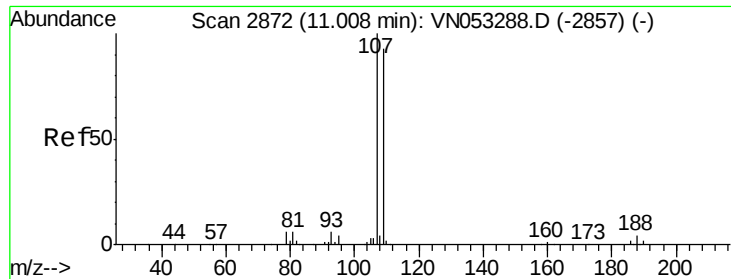
Tot Ion: 43 Resp: 1113059
Ion Ratio Lower Upper
43 100
58 3.2 28.3 85.0#



#60
Dibromochloromethane
Concen: 0.311 ug/l
RT: 10.82 min Scan# 2814
Delta R.T. -0.08 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Tgt Ion: 129 Resp: 3291
Ion Ratio Lower Upper
129 100
127 40.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 0.238 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. -0.01 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

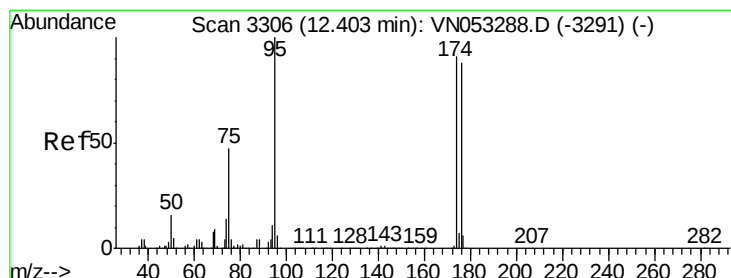
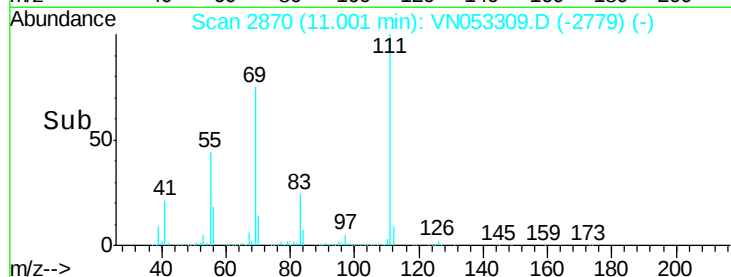
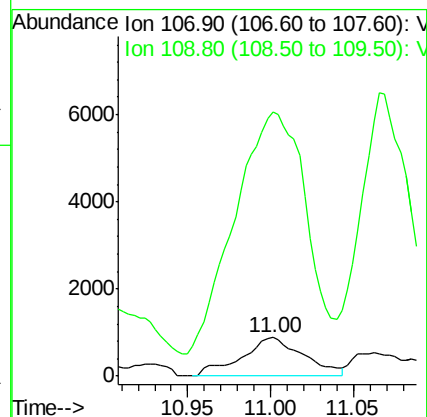
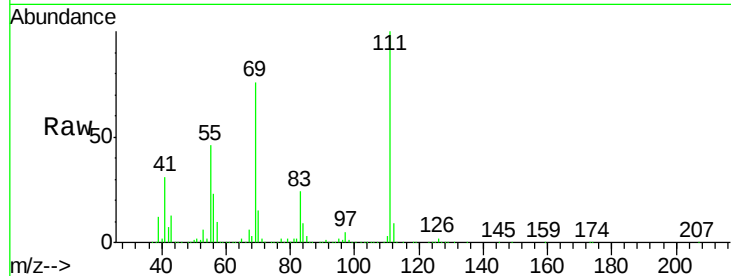
CPSB-15(15-20)ME

Tot Ion:107 Resp: 2304

Ion Ratio Lower Upper

107 100

109 739.1 75.0 112.6#



#62

4-Bromofluorobenzene

Concen: 0.238 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

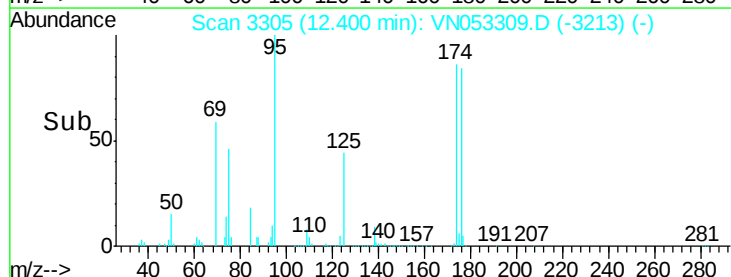
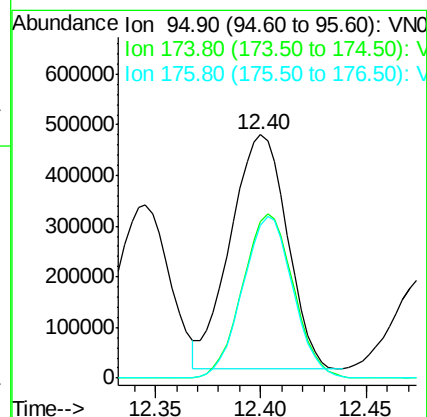
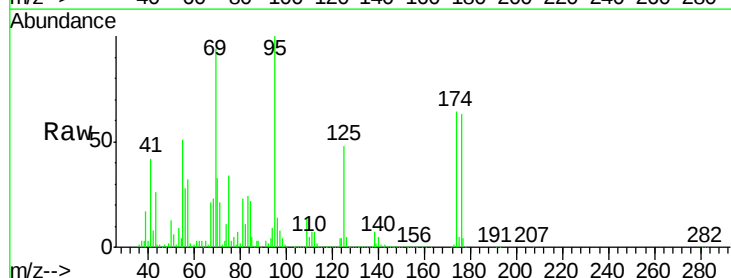
Tgt Ion: 95 Resp: 864444

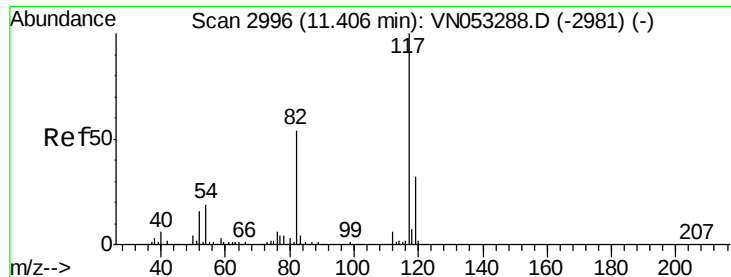
Ion Ratio Lower Upper

95 100

174 63.0 0.0 180.4

176 61.4 0.0 175.6

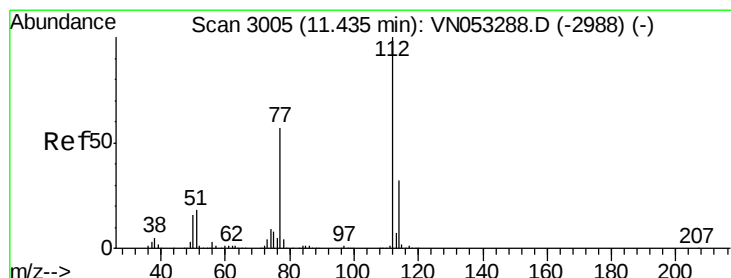
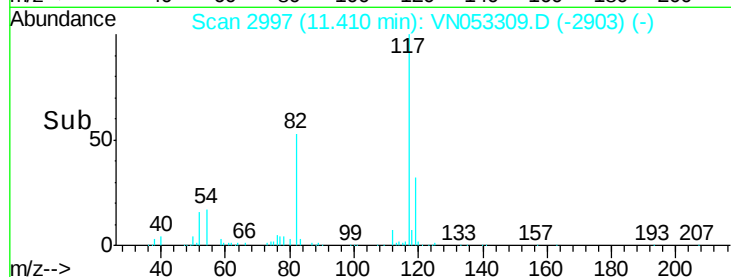
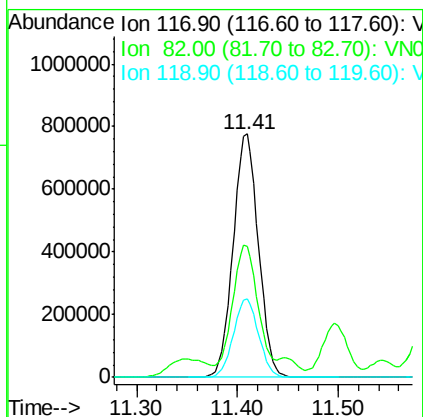
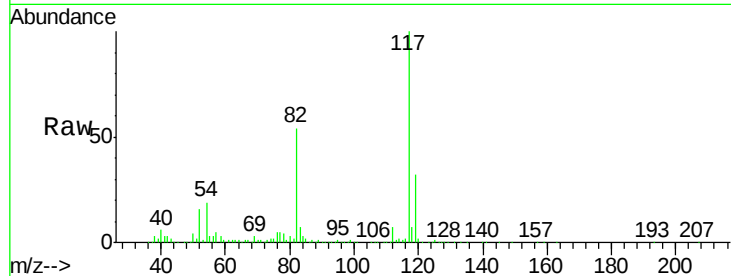




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

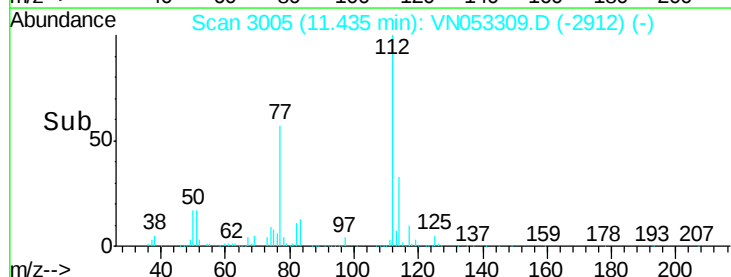
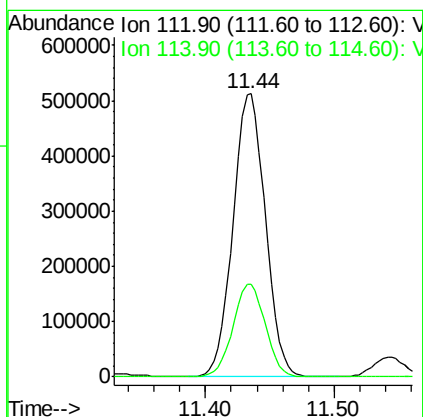
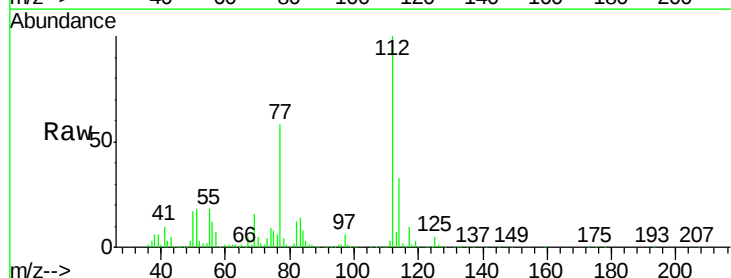
Instrument :
MSVOA_N
ClientSampleId :
CPSB-15(15-20)ME

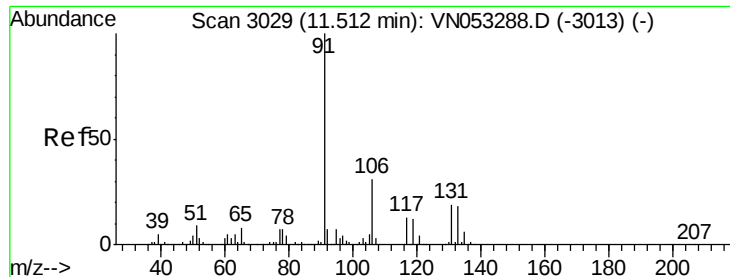
Tot Ion:117 Resp: 1349699
Ion Ratio Lower Upper
117 100
82 46.6 42.9 64.3
119 32.3 25.6 38.4



#65
Chlorobenzene
Concen: 30.387 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Tgt Ion:112 Resp: 890964
Ion Ratio Lower Upper
112 100
114 32.8 25.6 38.4

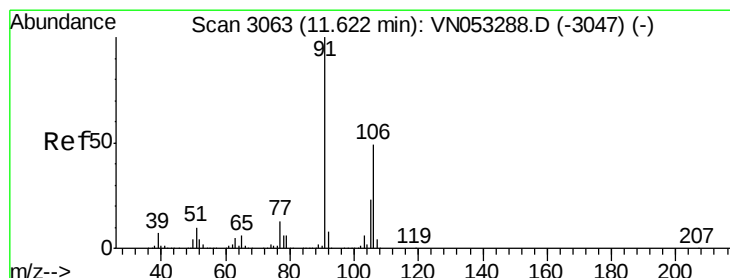
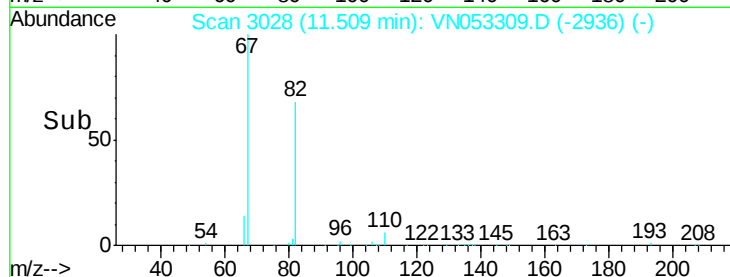
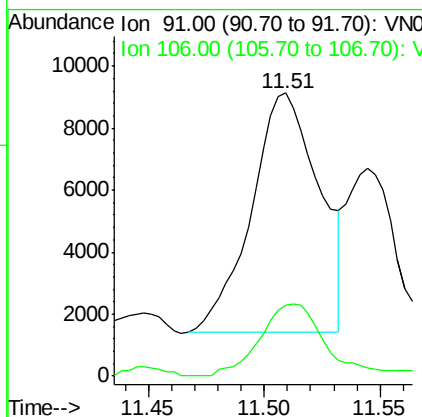
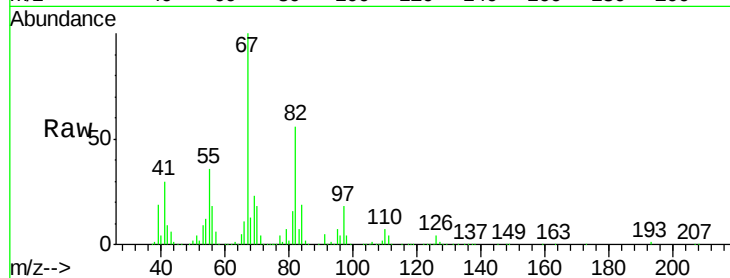




#67
Ethyl Benzene
Concen: 0.316 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

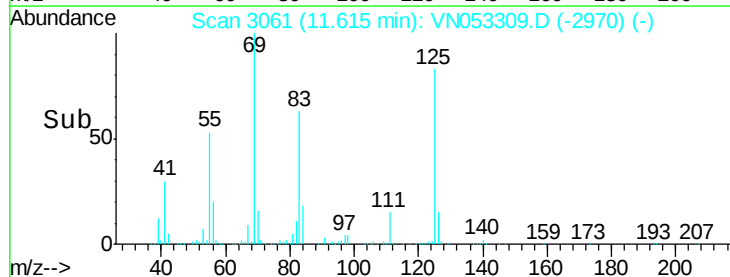
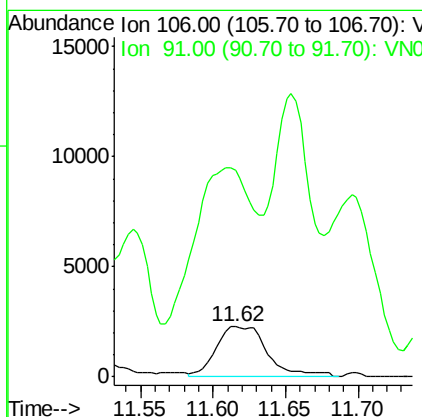
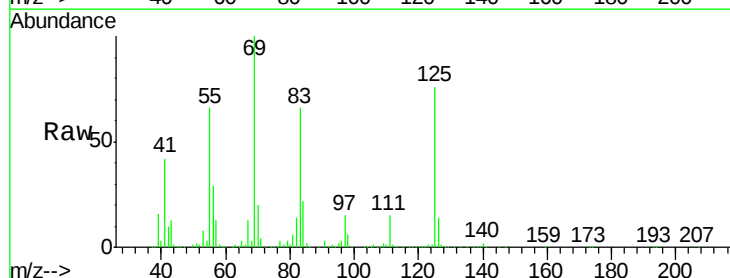
Instrument :
MSVOA_N
ClientSampleId :
CPSB-15(15-20)ME

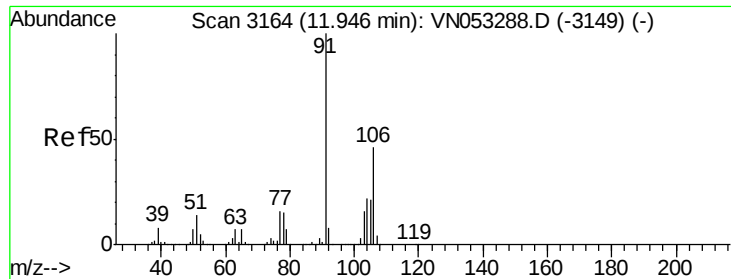
Tot Ion: 91 Resp: 15741
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.4



#68
m/p-Xylenes
Concen: 0.301 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Tgt Ion: 106 Resp: 5632
Ion Ratio Lower Upper
106 100
91 335.4 161.4 242.2#

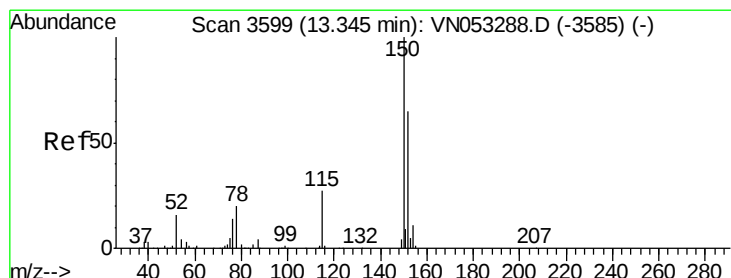
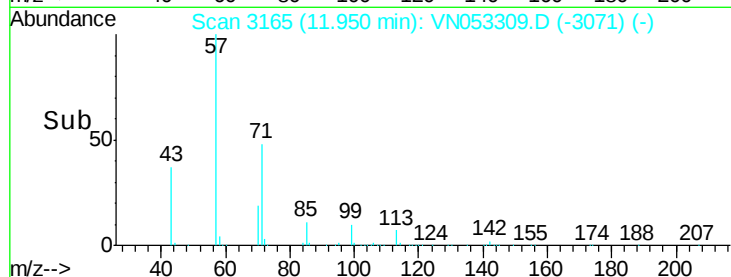
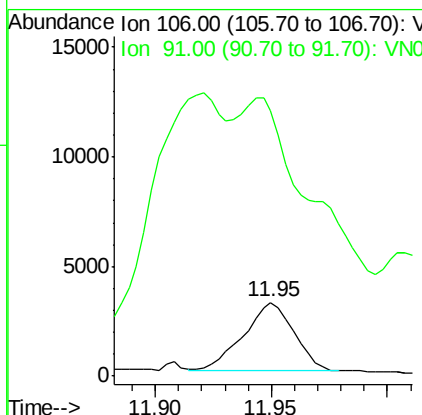
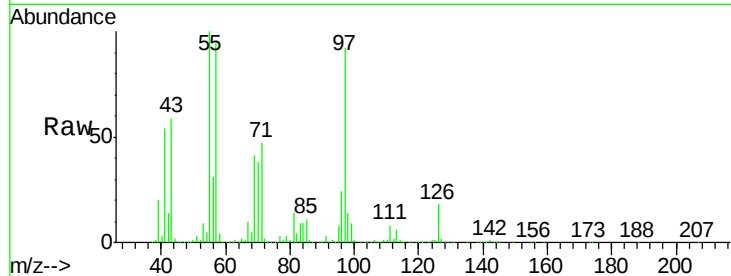




#69
o-Xylene
Concen: 0.260 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

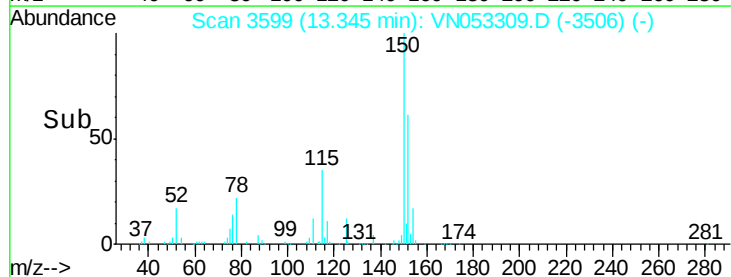
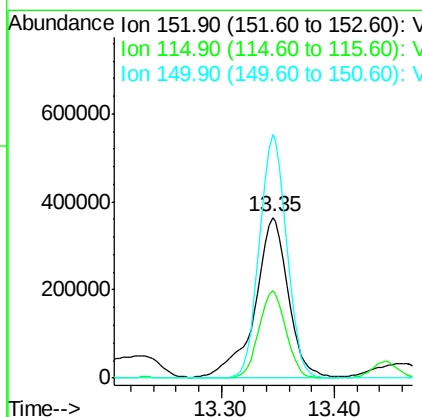
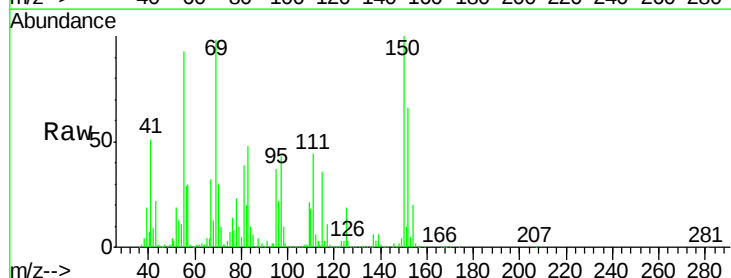
Instrument :
MSVOA_N
ClientSampleId :
CPSB-15(15-20)ME

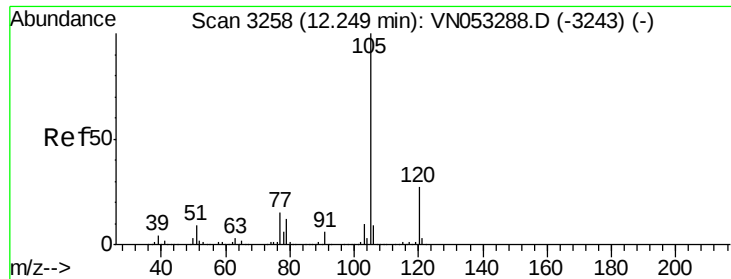
Tot Ion:106 Resp: 4764
Ion Ratio Lower Upper
106 100
91 0.0 106.8 320.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053309.D
Acq: 8 Jan 2019 11:04

Tgt Ion:152 Resp: 731518
Ion Ratio Lower Upper
152 100
115 44.4 28.0 84.0
150 125.8 0.0 346.6





#73

Isopropylbenzene

Concen: 29.562 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

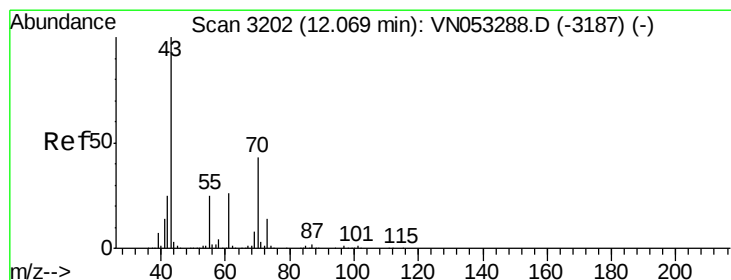
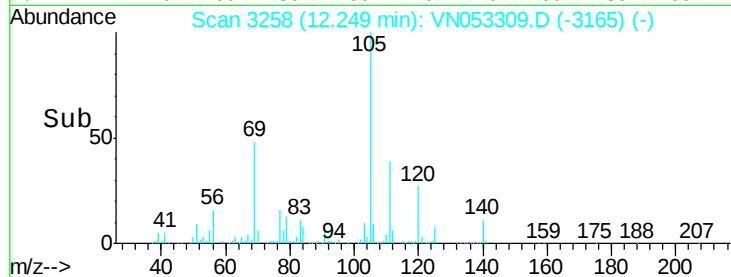
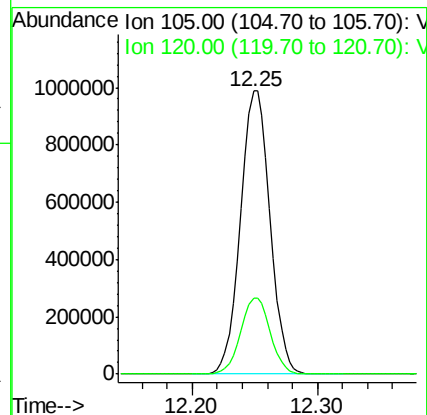
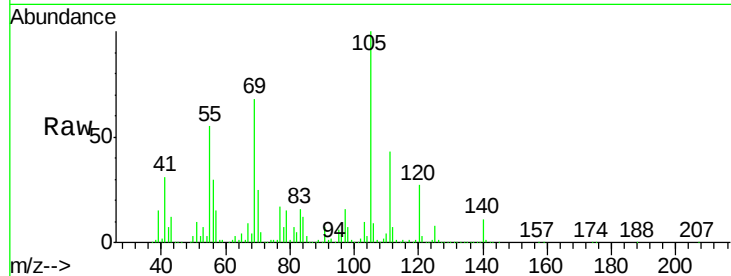
CPSB-15(15-20)ME

Tot Ion:105 Resp: 1610030

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 108.150 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Tgt Ion: 43 Resp: 1758865

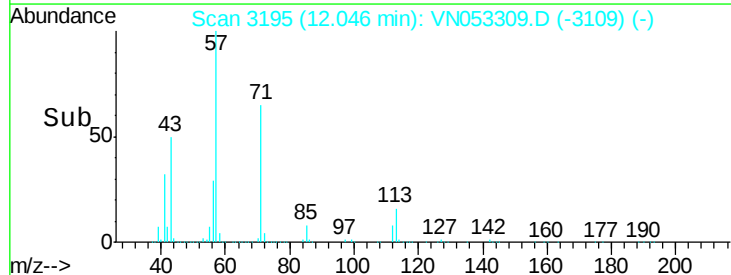
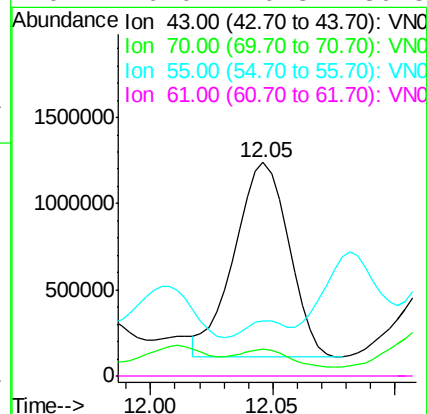
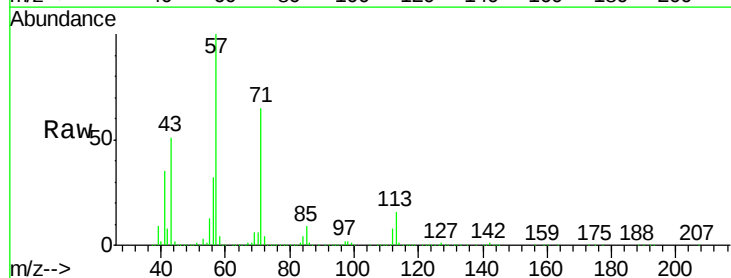
Ion Ratio Lower Upper

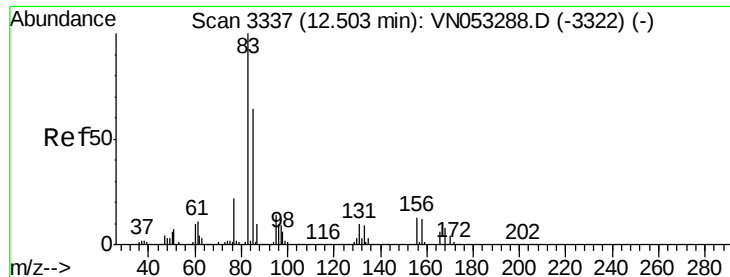
43 100

70 8.1 35.0 52.6#

55 0.0 20.0 30.0#

61 0.0 20.3 30.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 25.419 ug/l

RT: 12.47 min Scan# 3326

Delta R.T. -0.04 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

CPSB-15(15-20)ME

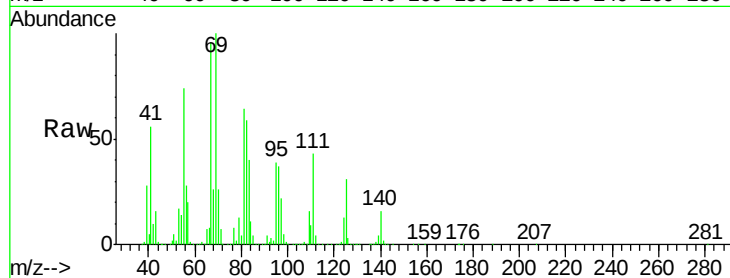
Tot Ion: 83 Resp: 318465

Ion Ratio Lower Upper

83 100

131 0.1 5.3 15.9#

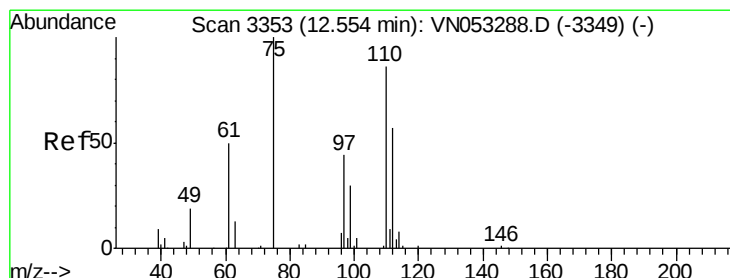
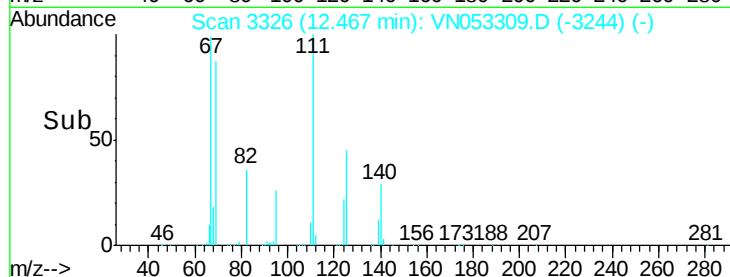
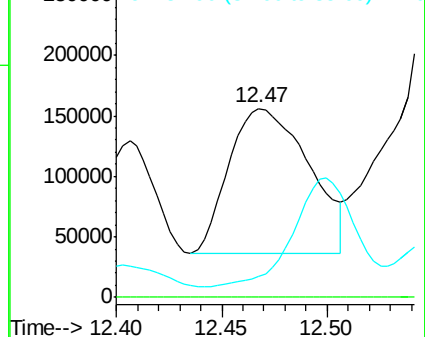
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 2.070 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN053309.D

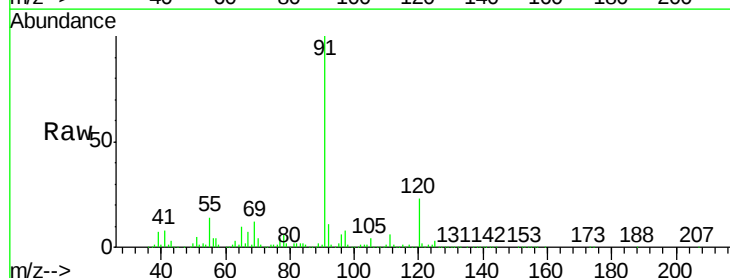
Acq: 8 Jan 2019 11:04

Tgt Ion: 75 Resp: 22087

Ion Ratio Lower Upper

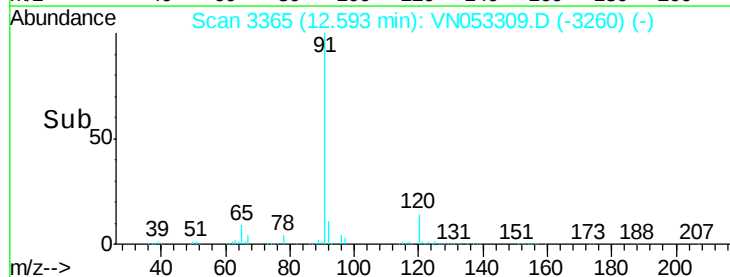
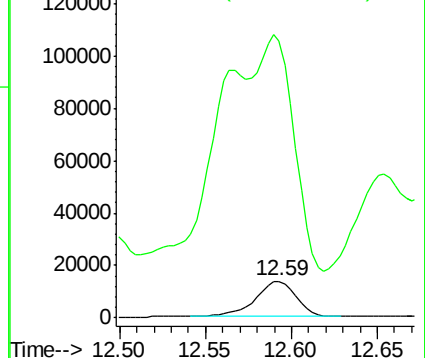
75 100

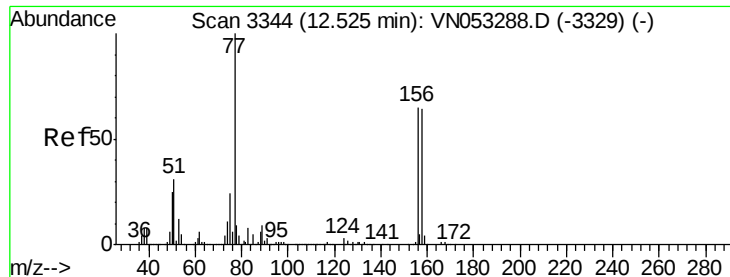
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 0.393 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.02 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

CPSB-15(15-20)ME

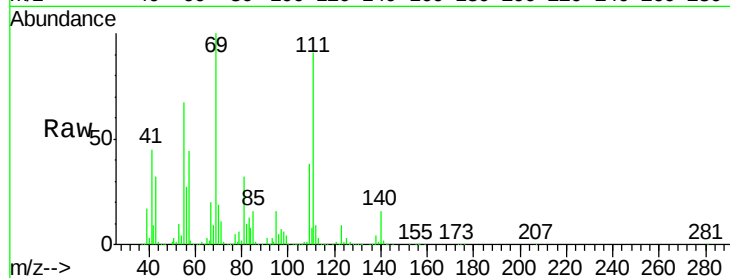
Tot Ion:156 Resp: 5718

Ion Ratio Lower Upper

156 100

77 0.0 89.3 268.1#

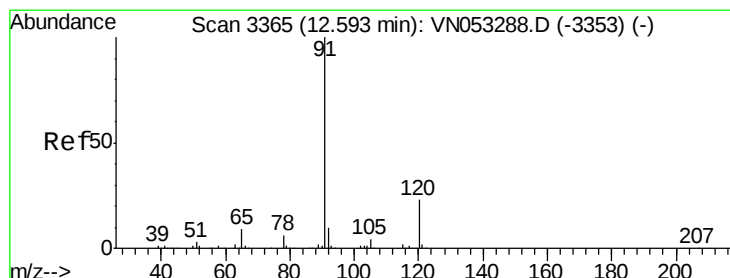
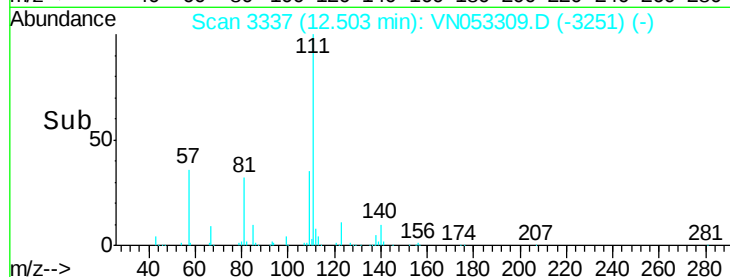
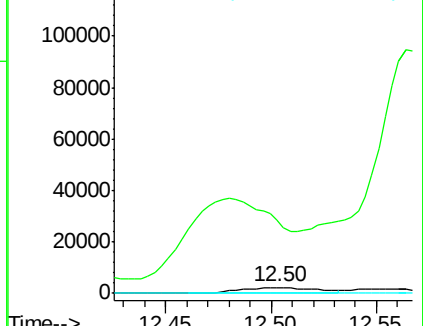
158 0.0 48.9 146.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 64.659 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053309.D

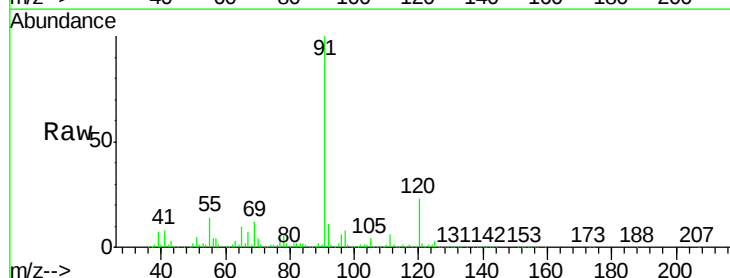
Acq: 8 Jan 2019 11:04

Tgt Ion: 91 Resp: 3983405

Ion Ratio Lower Upper

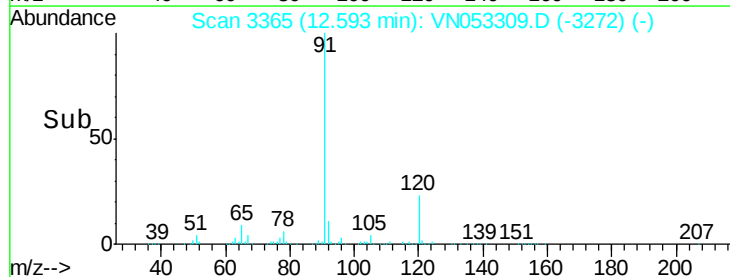
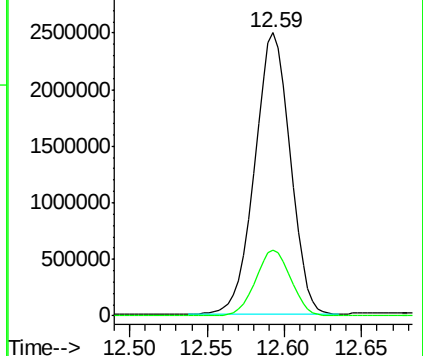
91 100

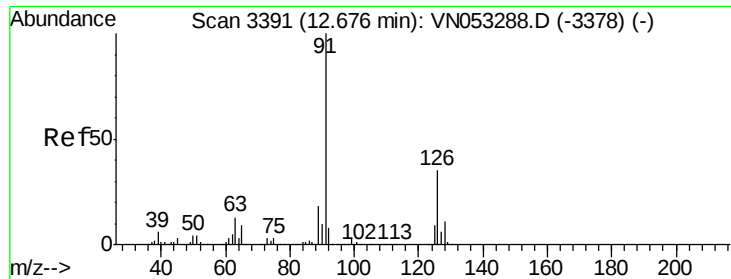
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 106.860 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

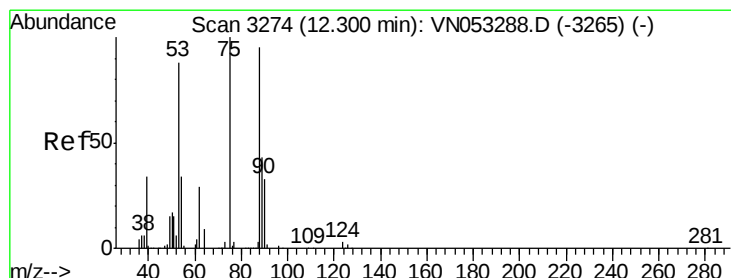
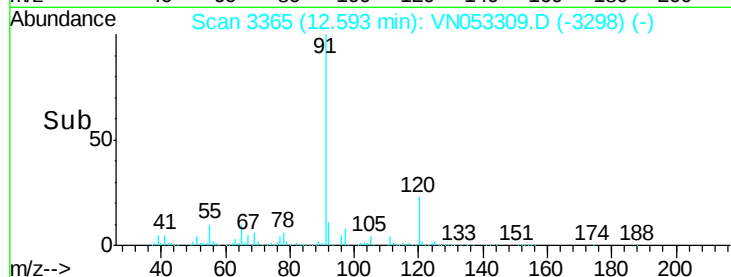
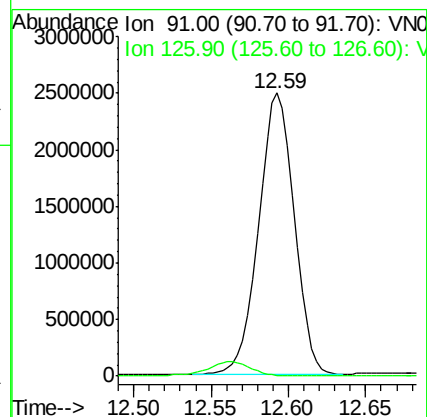
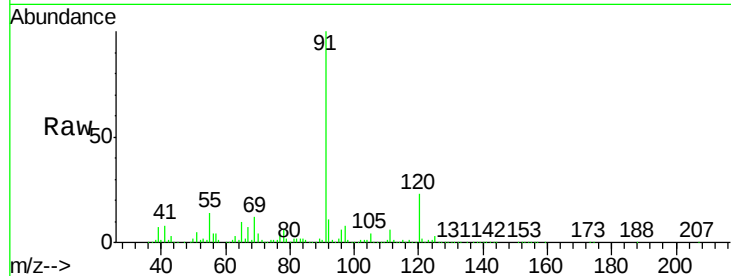
CPSB-15(15-20)ME

Tot Ion: 91 Resp: 3983405

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 4.808 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

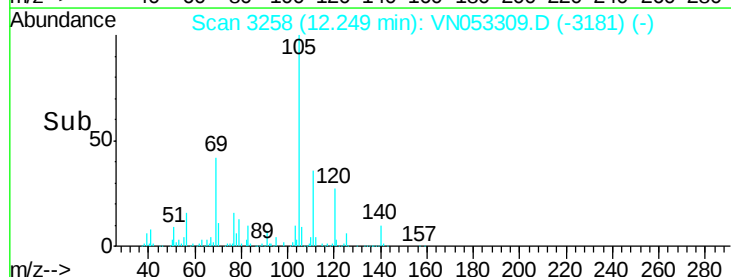
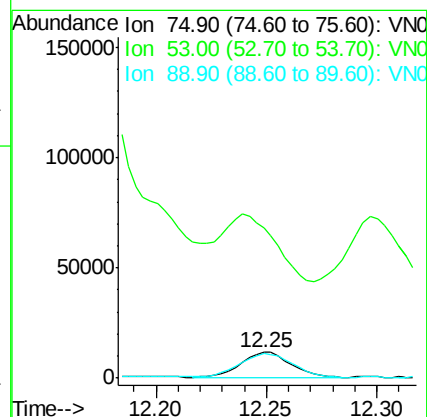
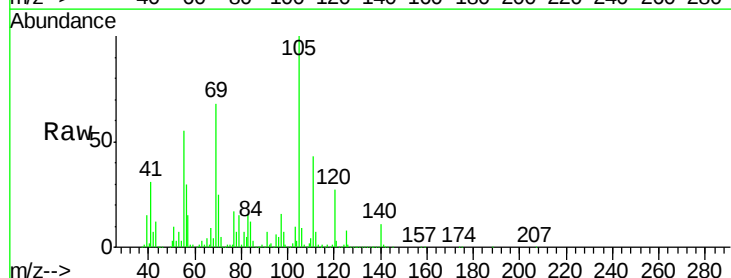
Tgt Ion: 75 Resp: 17437

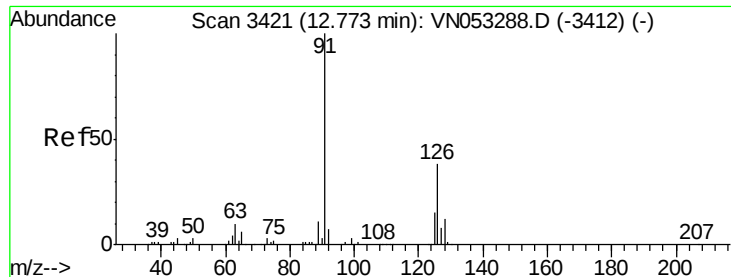
Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 105.7 35.4 53.0#





#82

4-Chlorotoluene

Concen: 104.619 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

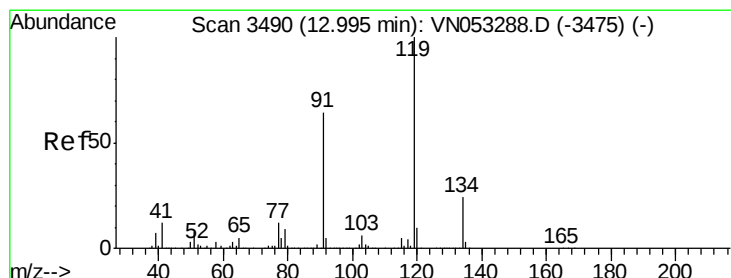
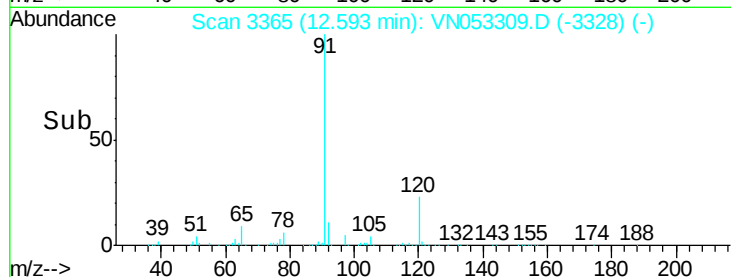
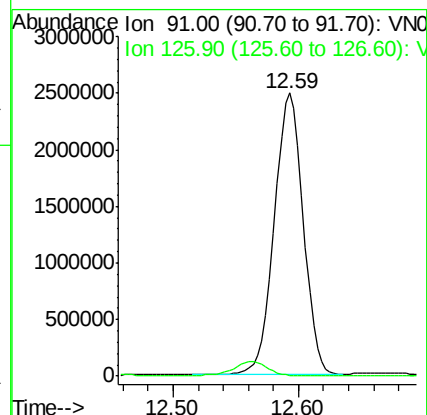
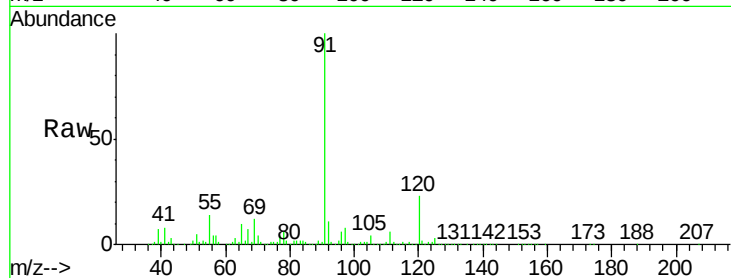
CPSB-15(15-20)ME

Tot Ion: 91 Resp: 3998964

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.2#



#83

tert-Butylbenzene

Concen: 3.710 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

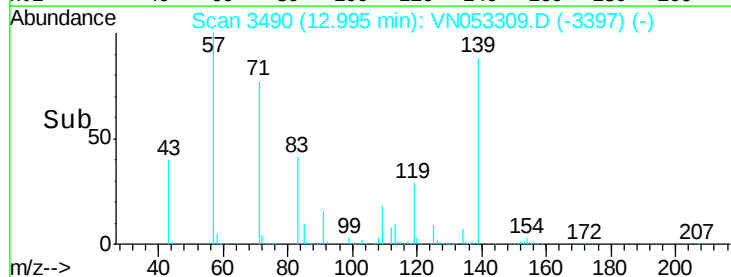
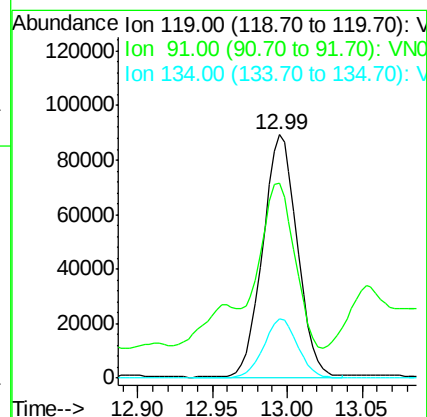
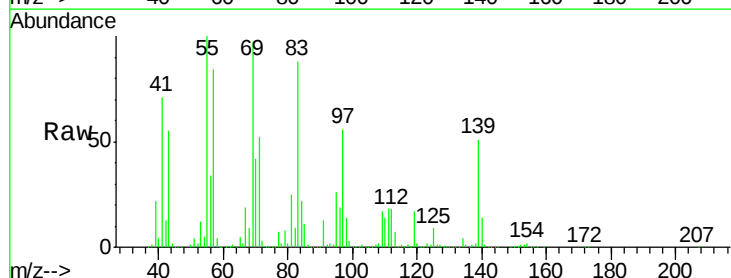
Tgt Ion: 119 Resp: 142811

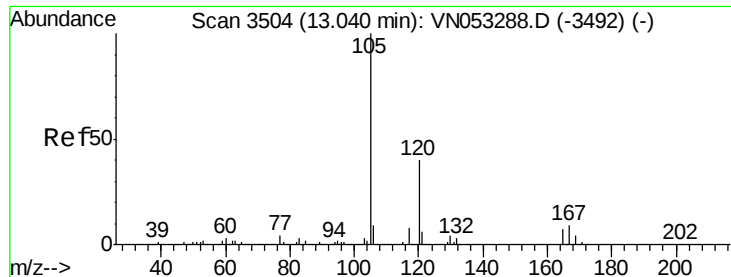
Ion Ratio Lower Upper

119 100

91 69.0 31.6 95.0

134 0.0 12.9 38.6#





#84

1,2,4-Trimethylbenzene

Concen: 103.343 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.14 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

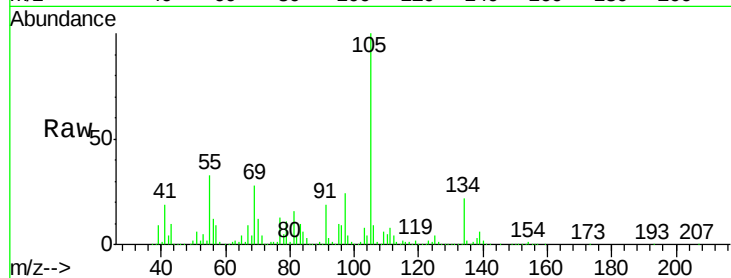
CPSB-15(15-20)ME

Tot Ion:105 Resp: 4618793

Ion Ratio Lower Upper

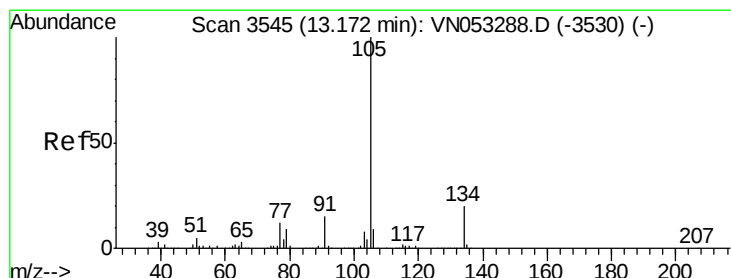
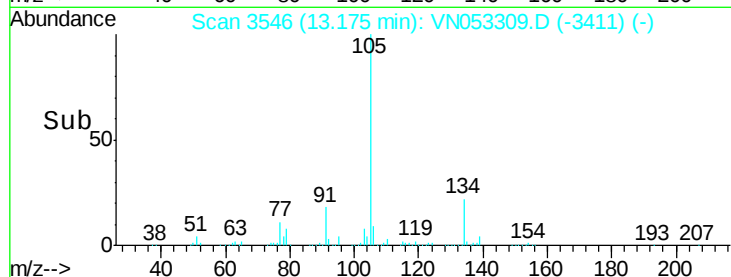
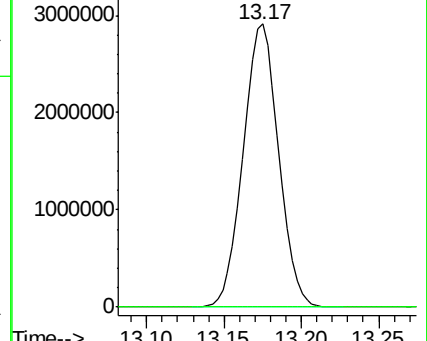
105 100

120 0.2 23.0 69.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 90.990 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053309.D

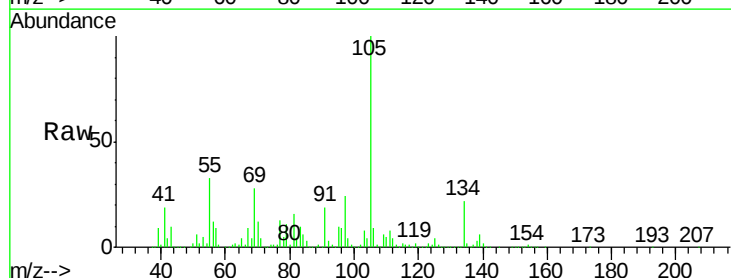
Acq: 8 Jan 2019 11:04

Tgt Ion:105 Resp: 4618793

Ion Ratio Lower Upper

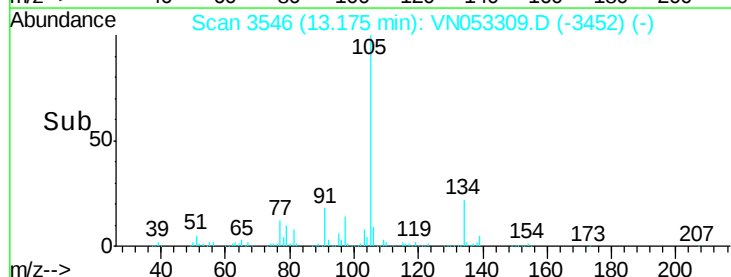
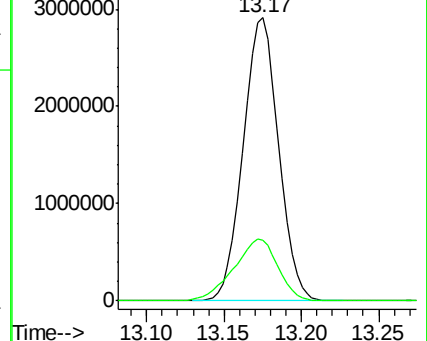
105 100

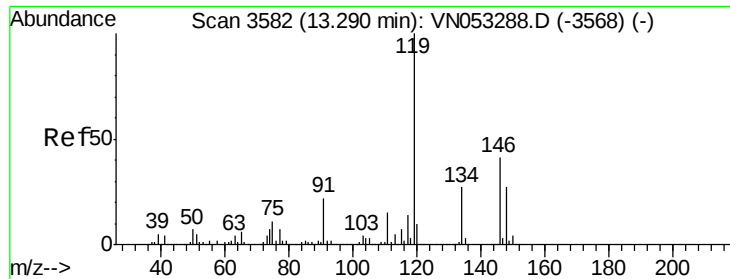
134 27.4 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

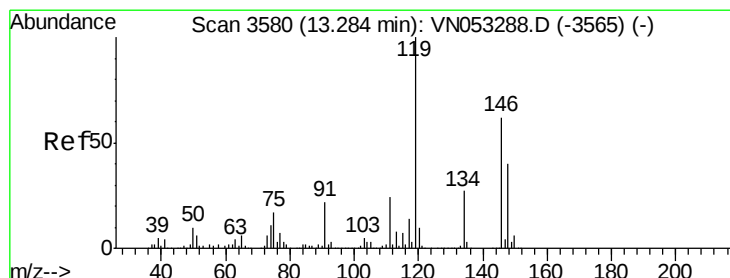
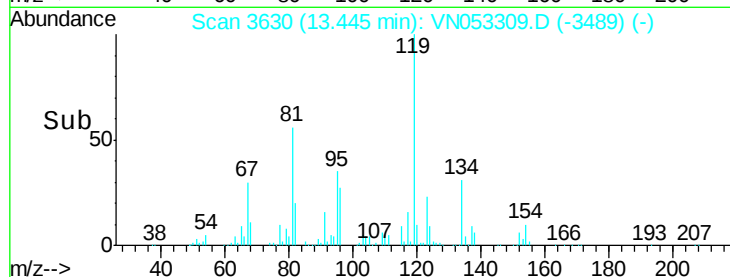
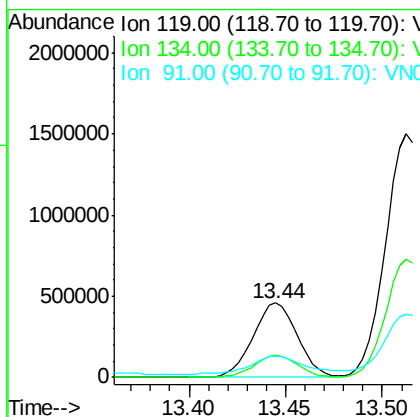
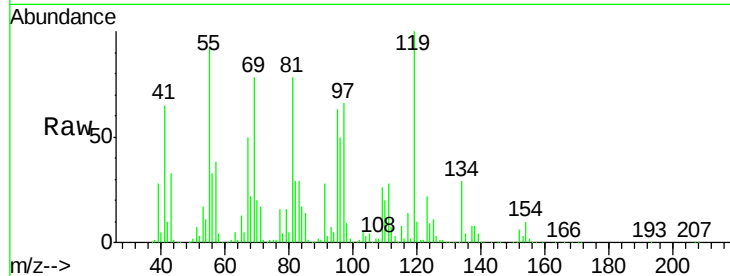




#86
 p-Isopropyltoluene
 Concen: 16.586 ug/l
 RT: 13.44 min Scan# 3630
 Delta R.T. 0.15 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

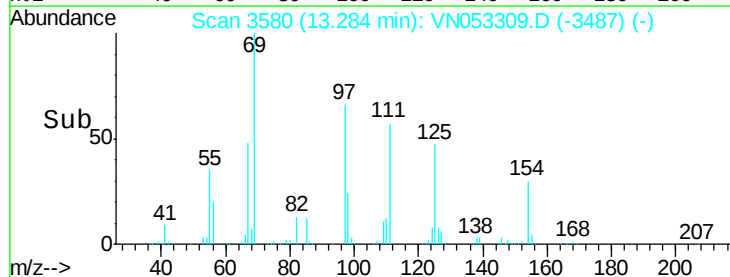
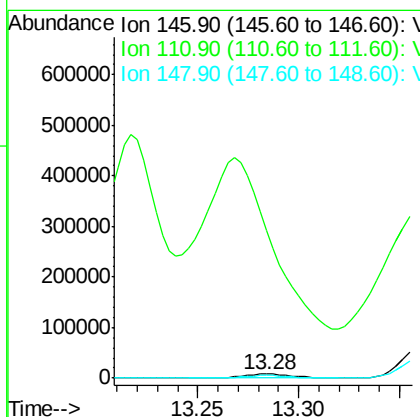
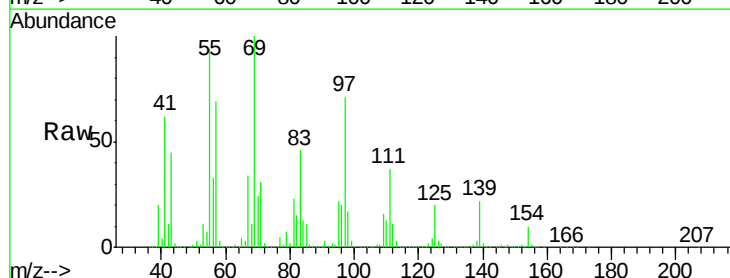
Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-15(15-20)ME

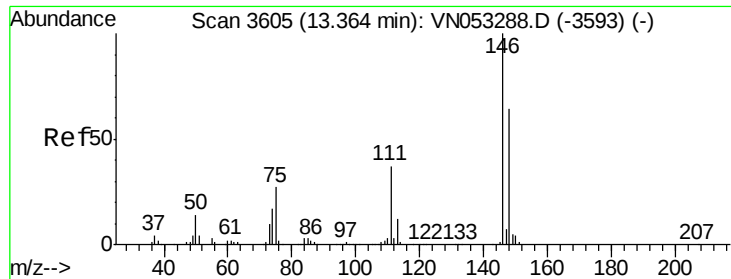
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.4	40.1
91	33.0	11.1	33.1



#87
 1,3-Dichlorobenzene
 Concen: 0.514 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	5853.3	18.9	56.5#
148	68.1	32.0	96.2





#88

1,4-Dichlorobenzene

Concen: 5.385 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

CPSB-15(15-20)ME

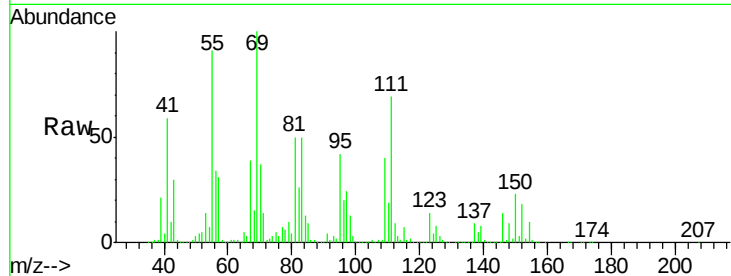
Tot Ion:146 Resp: 136740

Ion Ratio Lower Upper

146 100

111 525.4 18.6 55.8#

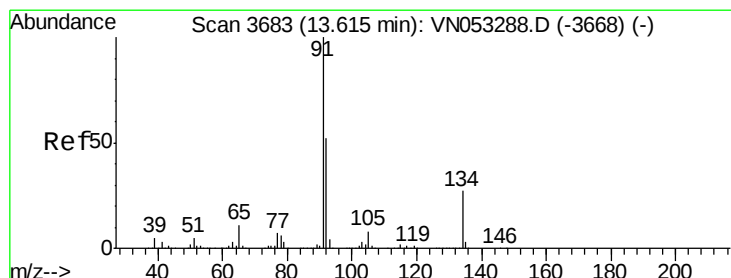
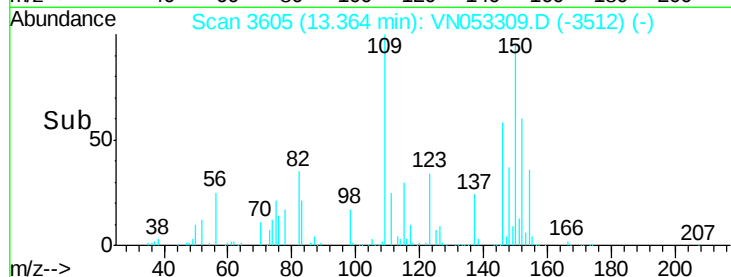
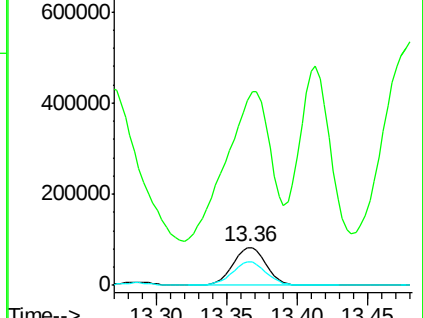
148 64.8 32.0 96.0



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



#89

n-Butylbenzene

Concen: 72.276 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

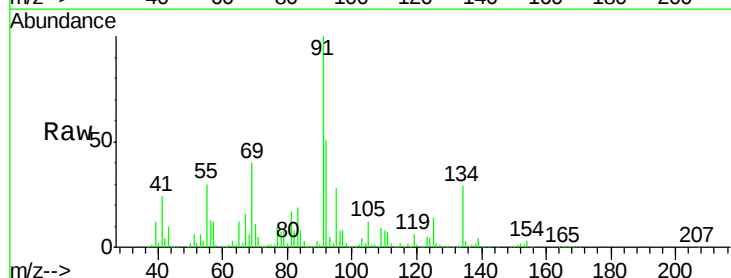
Tgt Ion: 91 Resp: 2663206

Ion Ratio Lower Upper

91 100

92 48.8 26.3 78.8

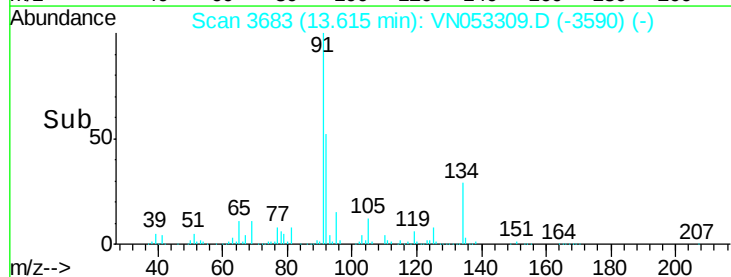
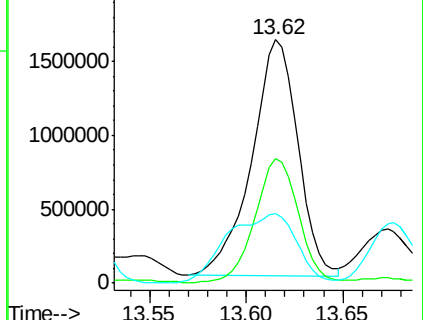
134 44.2 13.5 40.5#

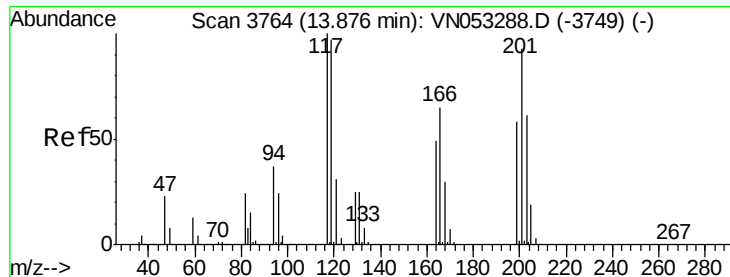


Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 92.00 (91.70 to 92.70): VNO

Ion 134.00 (133.70 to 134.70): VNO





#90

Hexachloroethane

Concen: 116.526 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

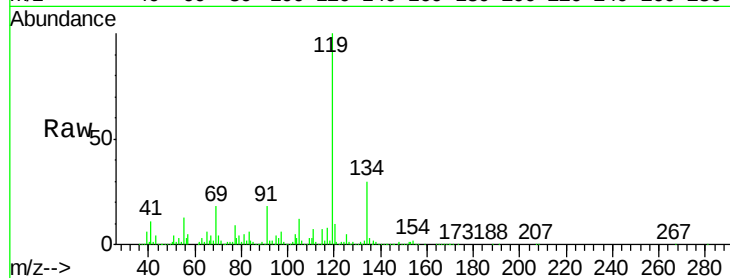
CPSB-15(15-20)ME

Tot Ion:117 Resp: 820853

Ion Ratio Lower Upper

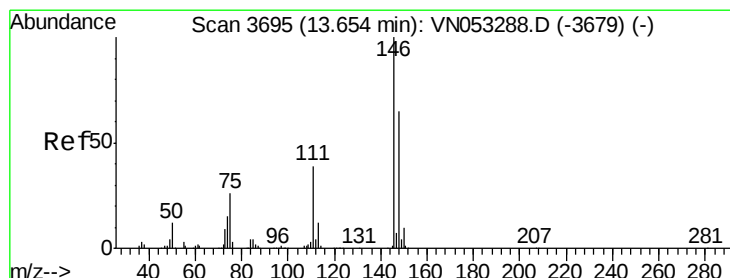
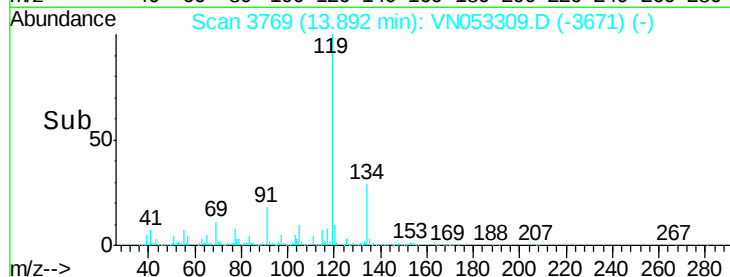
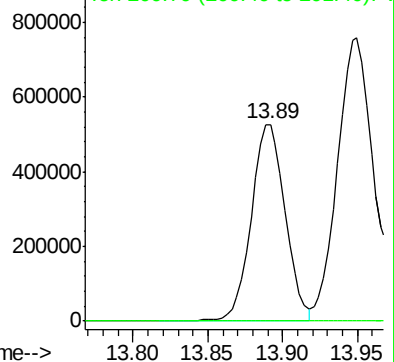
117 100

201 0.0 46.1 138.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.364 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

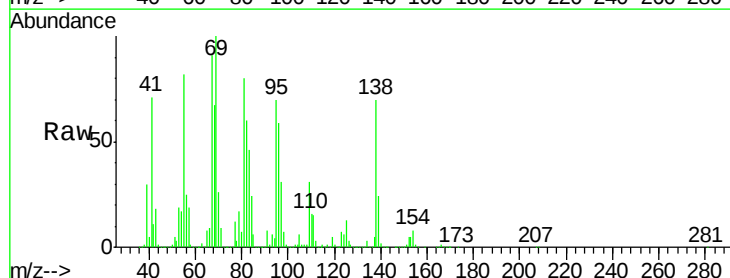
Tgt Ion:146 Resp: 8736

Ion Ratio Lower Upper

146 100

111 4355.6 19.4 58.2#

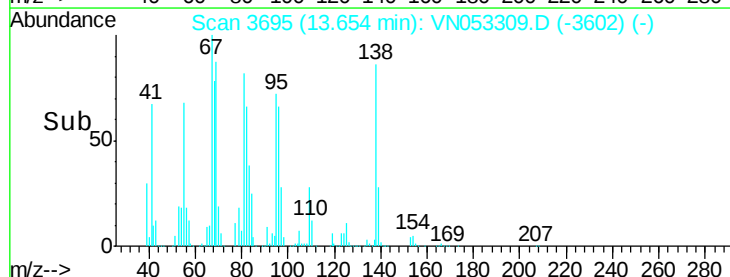
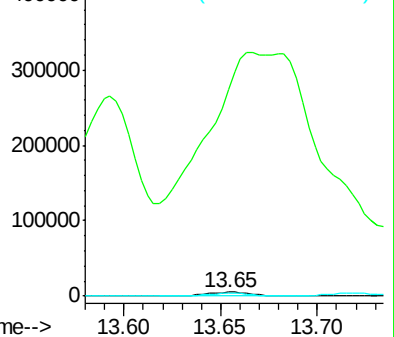
148 68.5 32.2 96.6

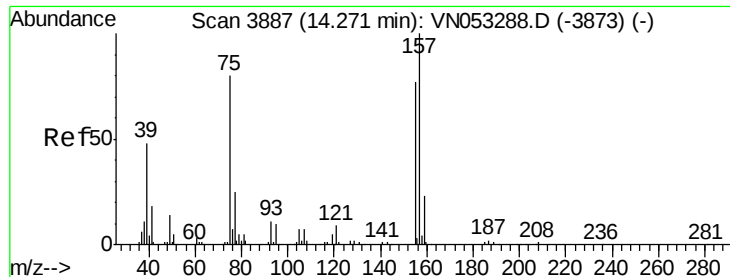


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

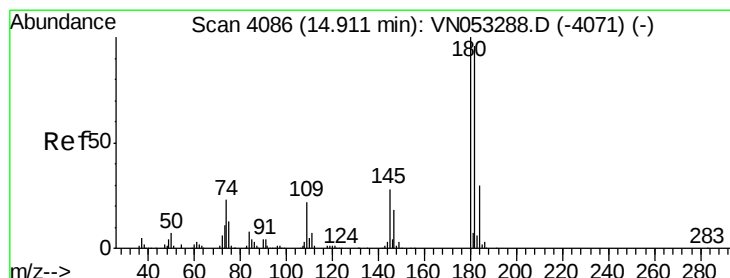
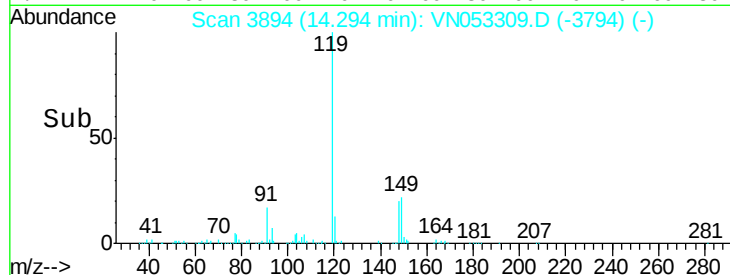
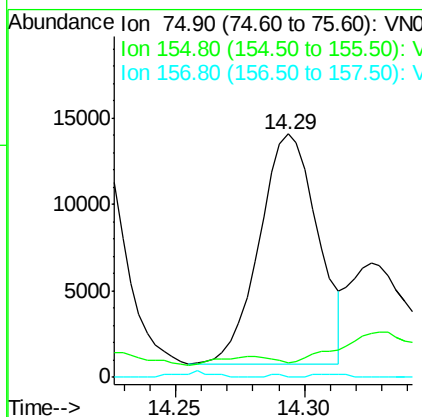
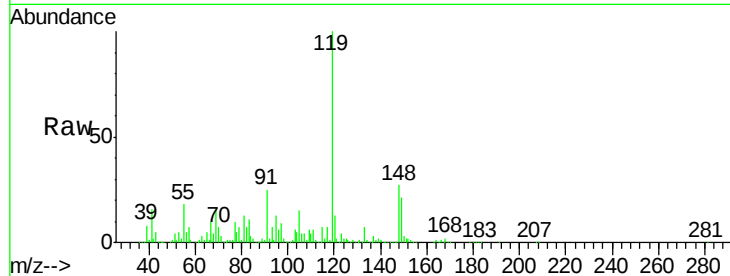




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.897 ug/l
 RT: 14.29 min Scan# 3894
 Delta R.T. 0.02 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

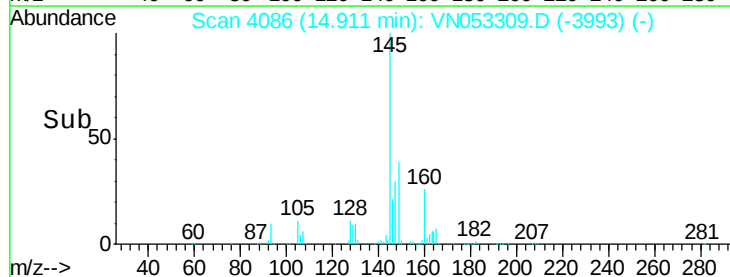
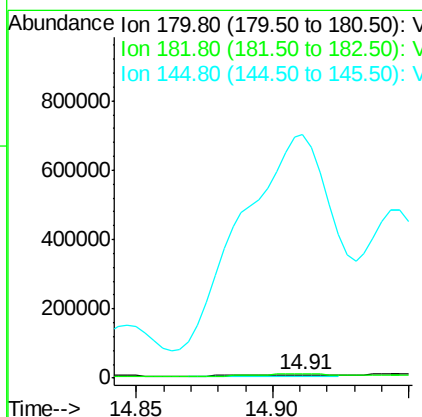
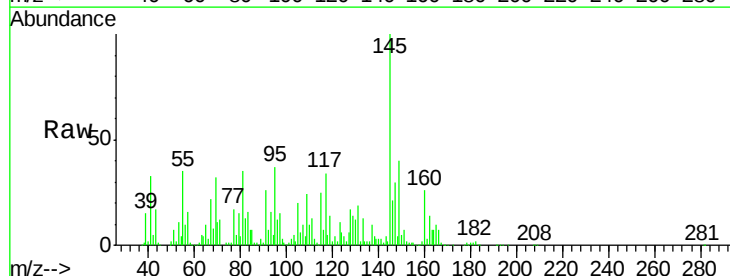
Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-15(15-20)ME

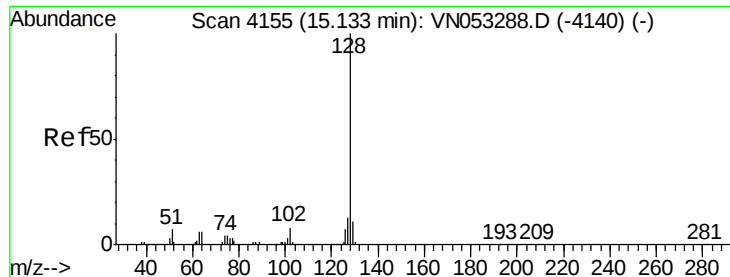
Tot Ion: 75 Resp: 21118
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.1 144.3#
 157 0.0 61.5 184.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.221 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053309.D
 Acq: 8 Jan 2019 11:04

Tgt Ion: 180 Resp: 9209
 Ion Ratio Lower Upper
 180 100
 182 218.7 47.8 143.4#
 145 18521.2 14.4 43.0#





#95

Naphthalene

Concen: 8.447 ug/l

RT: 15.10 min Scan# 4144

Delta R.T. -0.04 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

CPSB-15(15-20)ME

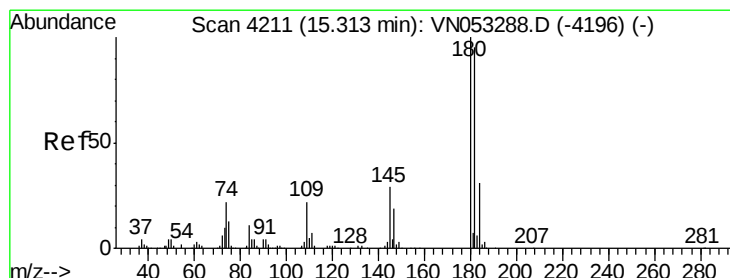
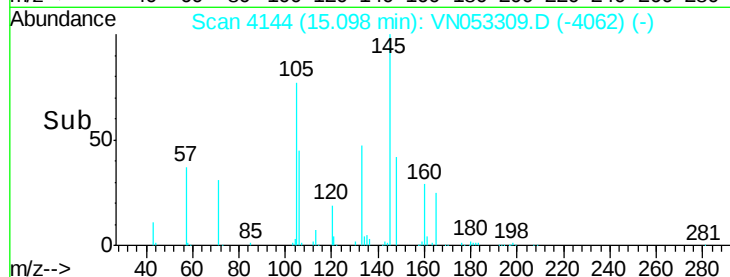
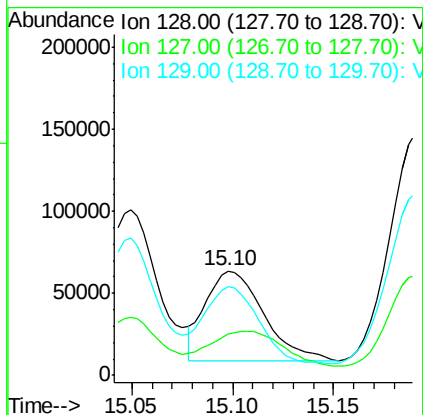
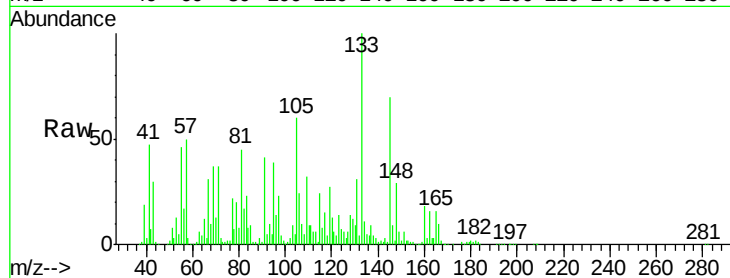
Tot Ion:128 Resp: 108645

Ion Ratio Lower Upper

128 100

127 49.1 10.4 15.6#

129 82.8 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 6.252 ug/l

RT: 15.28 min Scan# 4201

Delta R.T. -0.03 min

Lab File: VN053309.D

Acq: 8 Jan 2019 11:04

Tgt Ion:180 Resp: 30861

Ion Ratio Lower Upper

180 100

182 7.9 48.4 145.0#

145 1011.0 14.9 44.5#

