

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
 Data File : VN053311.D
 Acq On : 8 Jan 2019 11:57
 Operator : MD\SY
 Sample : K1071-03ME
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-16(10-15)ME

Quant Time: Jan 09 00:08:43 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	7.66	168	1021598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1559147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1406737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	648274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	481854	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
35) Dibromofluoromethane	7.59	113	407652	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
50) Toluene-d8	10.09	98	1954023	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	737462	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	

Target Compounds

					Qvalue	
5) Bromomethane	2.52	94	1576	0.201	ug/l	97
13) Acrolein	3.62	56	507	0.631	ug/l #	67
16) Acetone	3.82	43	3695	Below Cal		91
17) Carbon Disulfide	4.05	76	7106	0.242	ug/l	96
18) Methyl Acetate	4.33	43	5729	0.596	ug/l #	72
20) Methylene Chloride	4.55	84	3018	0.264	ug/l	94
25) 2-Butanone	6.83	43	1101	0.252	ug/l #	47
29) Tetrahydrofuran	7.22	42	2838	0.986	ug/l #	71
31) Cyclohexane	7.66	56	24274	1.148	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	65639	4.510	ug/l #	48
38) Carbon Tetrachloride	7.66	117	88188	6.564	ug/l #	16
39) Methylcyclohexane	9.05	83	195212	11.576	ug/l #	27
43) Isopropyl Acetate	8.15	43	75869	4.068	ug/l #	53
47) Bromodichloromethane	9.36	83	20375	1.438	ug/l #	44
48) Methyl methacrylate	9.22	41	6371	0.752	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	1922	0.205	ug/l	90
55) 1,1,2-Trichloroethane	10.53	97	136465	13.606	ug/l #	20
56) Ethyl methacrylate	10.43	69	50793	3.897	ug/l #	1
59) 2-Hexanone	10.72	43	394904	61.450	ug/l #	28
65) Chlorobenzene	11.44	112	183571	6.007	ug/l	100
73) Isopropylbenzene	12.25	105	772477	16.005	ug/l	100
74) N-amyl acetate	12.05	43	947591	65.748	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.47	83	150804	13.583	ug/l #	26
76) 1,2,3-Trichloropropane	12.59	75	12514	1.323	ug/l #	100
77) Bromobenzene	12.54	156	10274	0.798	ug/l #	1
78) n-propylbenzene	12.59	91	2079328	38.086	ug/l	100
79) 2-Chlorotoluene	12.59	91	2079328	62.943	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.74	105	10898	0.280	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.40	75	287890	89.580	ug/l #	22
82) 4-Chlorotoluene	12.59	91	2081847	61.458	ug/l #	40
83) tert-Butylbenzene	12.99	119	69927	2.050	ug/l	95
84) 1,2,4-Trimethylbenzene	13.17	105	2040636	51.521	ug/l #	31
85) sec-Butylbenzene	13.17	105	2040636	45.363	ug/l	84
86) p-Isopropyltoluene	13.17	119	34627	0.889	ug/l #	1

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 Response via : Initial Calibration

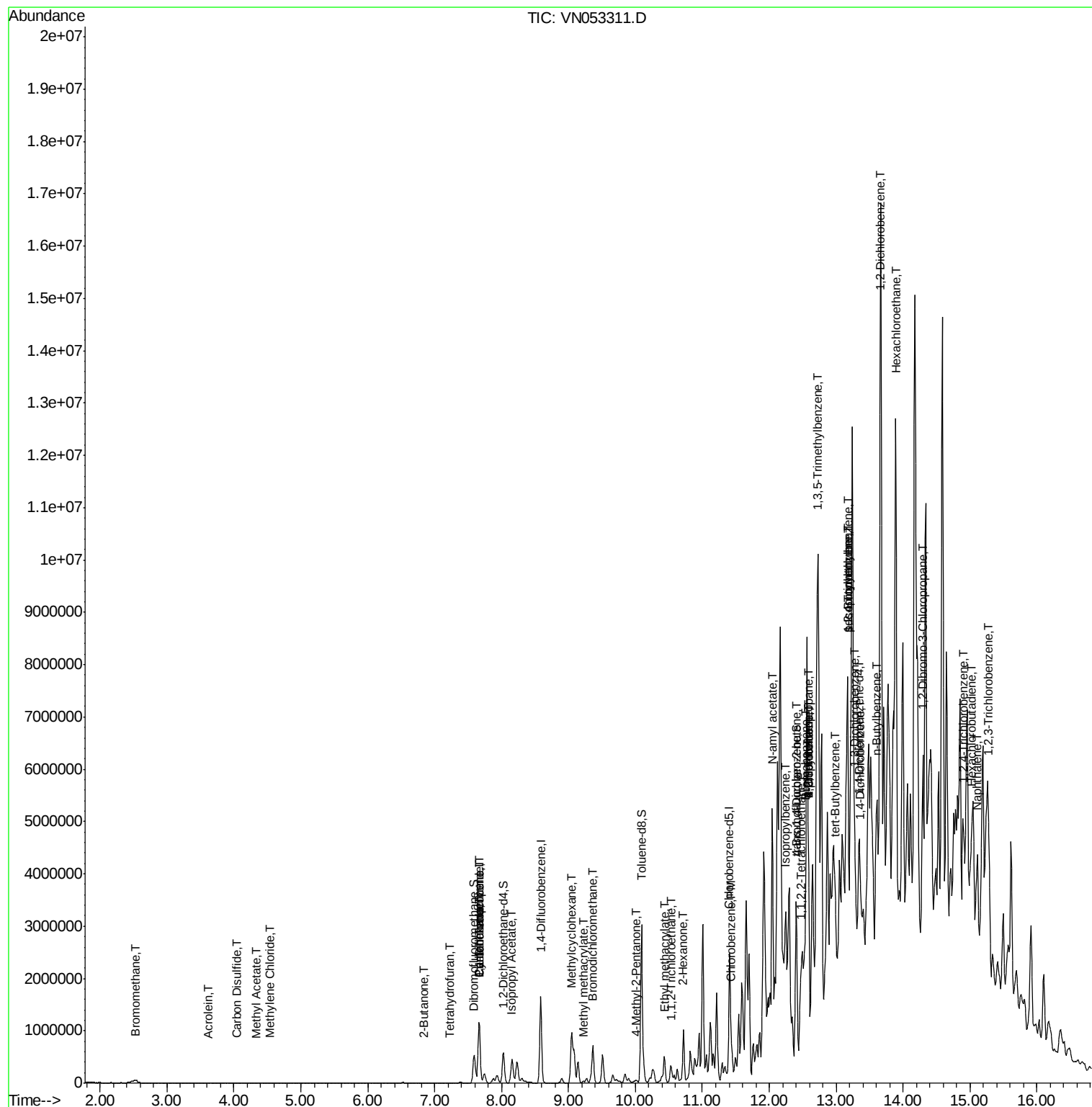
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
87) 1,3-Dichlorobenzene	13.28	146	5452	0.240	ug/l #	1	
88) 1,4-Dichlorobenzene	13.36	146	33167	1.474	ug/l #	1	
89) n-Butylbenzene	13.62	91	1265533	38.755	ug/l #	85	
90) Hexachloroethane	13.89	117	390890	62.615	ug/l #	3	
91) 1,2-Dichlorobenzene	13.66	146	7664	0.361	ug/l #	74	
92) 1,2-Dibromo-3-Chloropropan	14.30	75	11054	8.208	ug/l #	1	
93) 1,2,4-Trichlorobenzene	14.91	180	11559	1.730	ug/l #	1	
94) Hexachlorobutadiene	15.01	225	4012	0.734	ug/l	97	
95) Naphthalene	15.10	128	72458	6.357	ug/l #	1	
96) 1,2,3-Trichlorobenzene	15.28	180	17703	4.047	ug/l #	1	

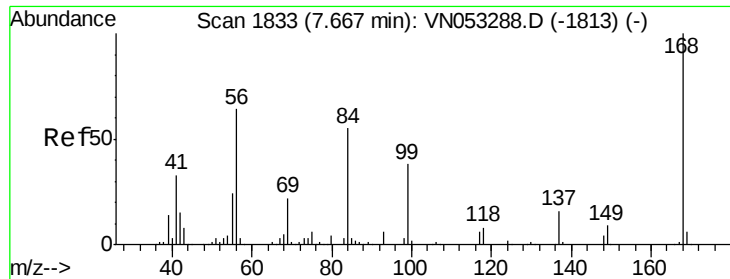
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

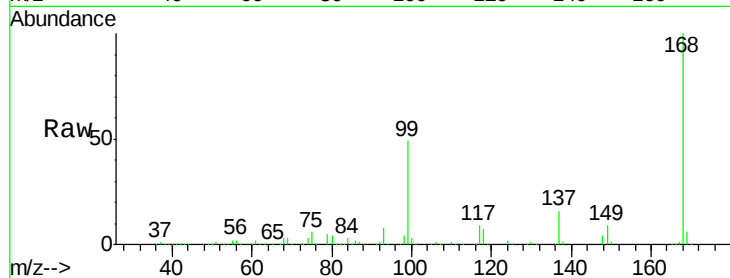
CPSB-16(10-15)ME

Tot Ion:168 Resp: 1021598

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.66

400000

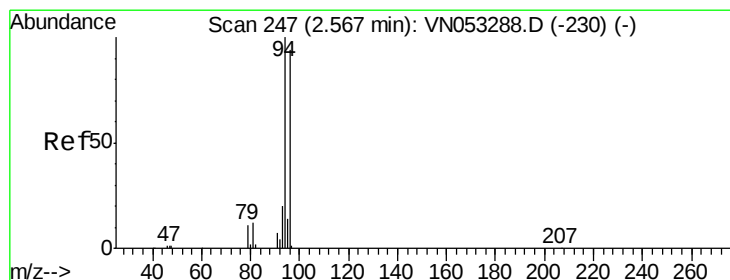
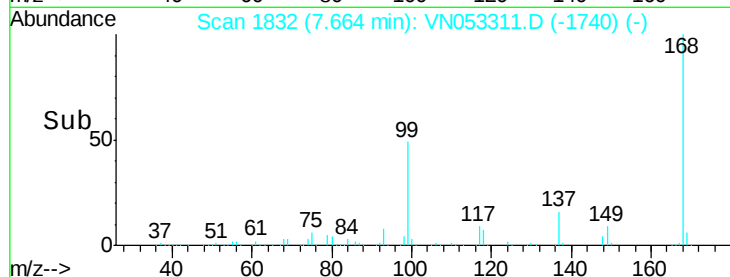
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.201 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.05 min

Lab File: VN053311.D

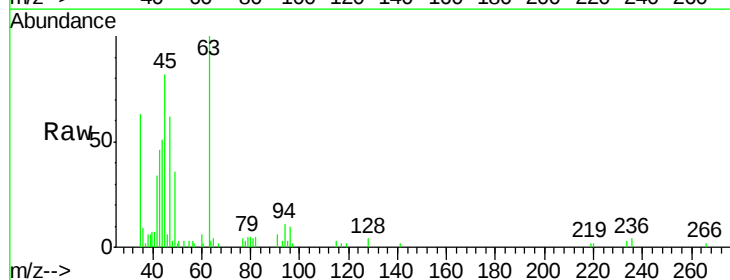
Acq: 8 Jan 2019 11:57

Tgt Ion: 94 Resp: 1576

Ion Ratio Lower Upper

94 100

96 96.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN053288.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN053288.D (-230) (-)

2.52

1000

800

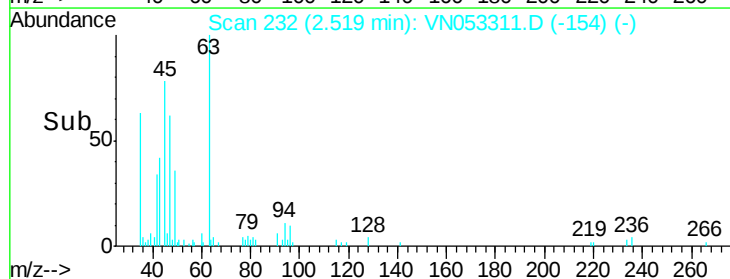
600

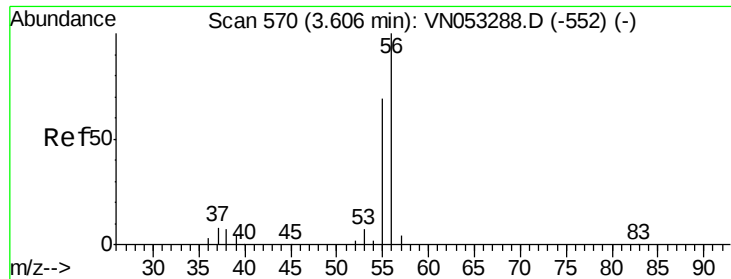
400

200

0

Time-->





#13

Acrolein

Concen: 0.631 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

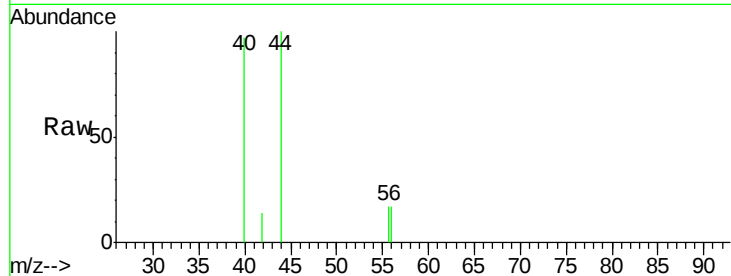
CPSB-16(10-15)ME

Tot Ion: 56 Resp: 507

Ion Ratio Lower Upper

56 100

55 43.0 56.3 84.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.62

400

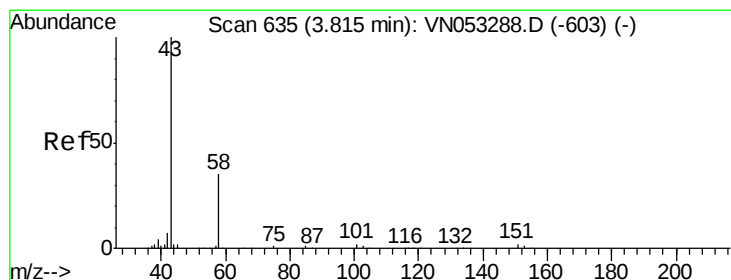
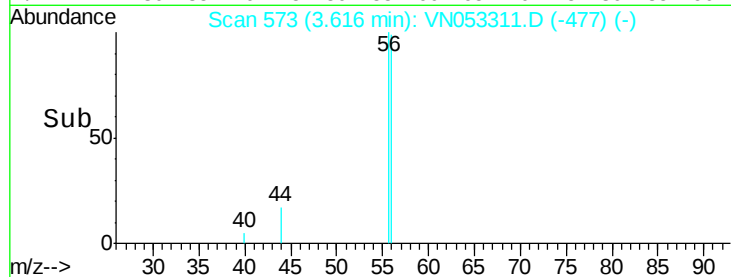
300

200

100

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053311.D

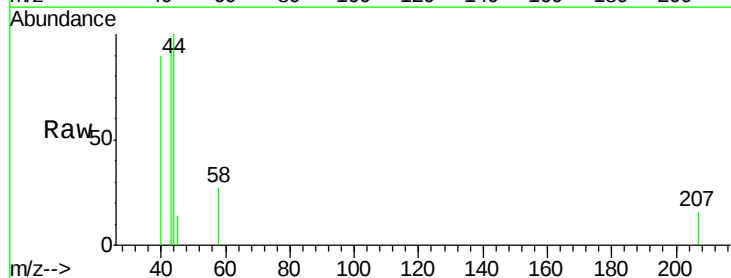
Acq: 8 Jan 2019 11:57

Tgt Ion: 43 Resp: 3695

Ion Ratio Lower Upper

43 100

58 29.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

1200

1000

800

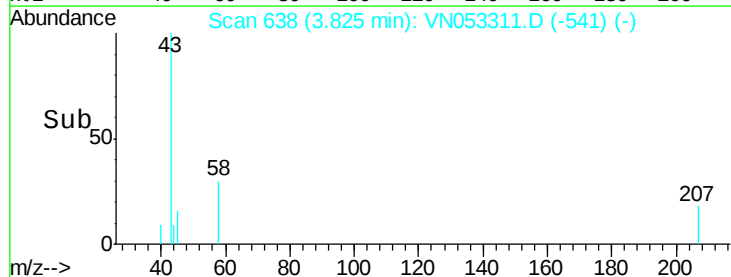
600

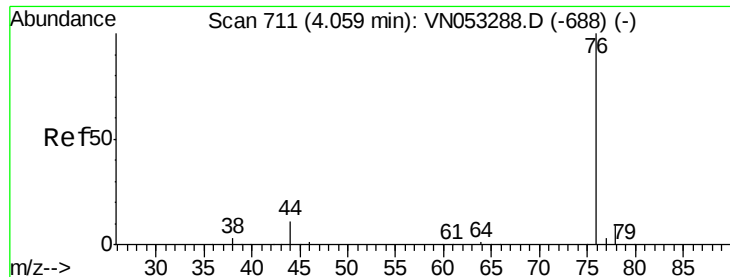
400

200

0

Time-->

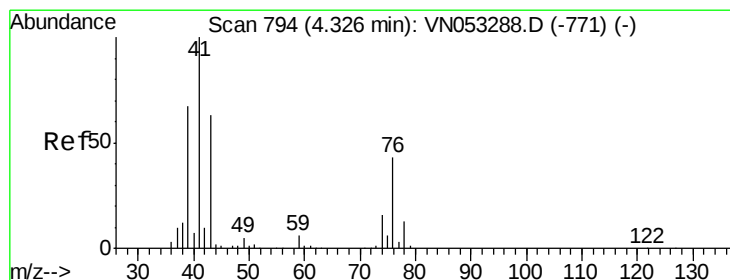
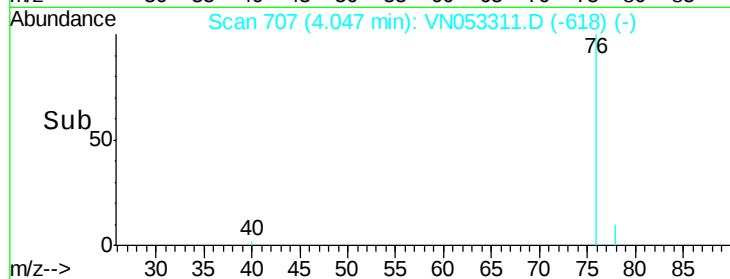
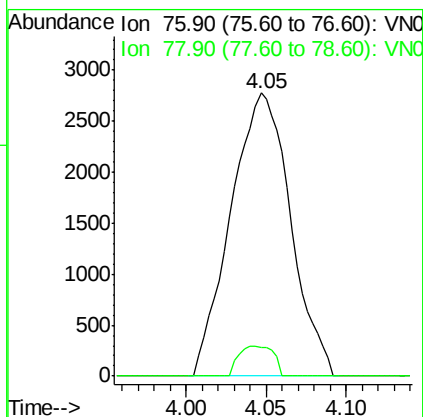
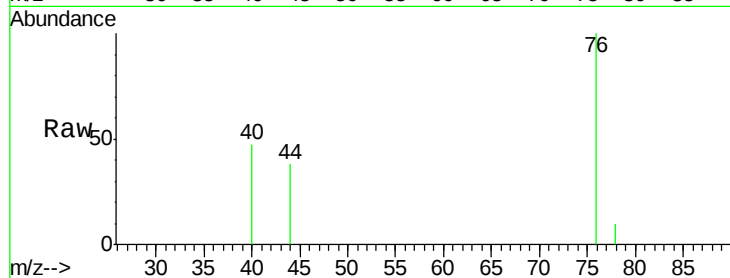




#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 4.05 min Scan# 707
Delta R.T. -0.01 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

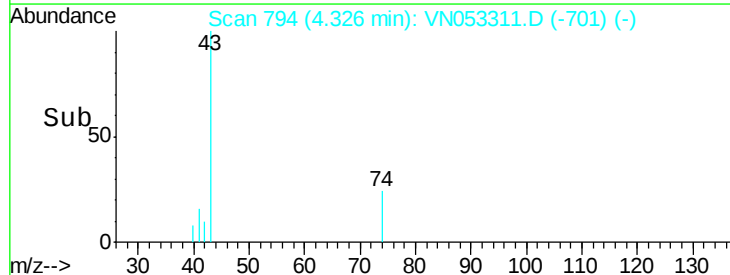
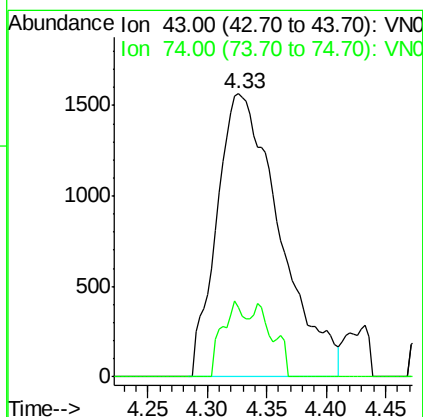
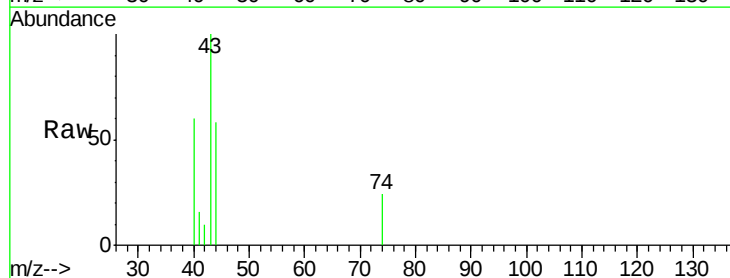
Instrument :
MSVOA_N
ClientSampleId :
CPSB-16(10-15)ME

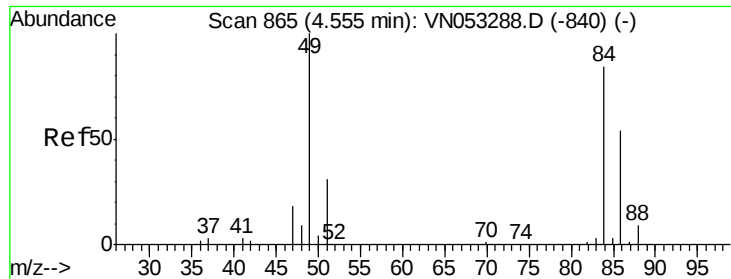
Tot Ion: 76 Resp: 7106
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8



#18
Methyl Acetate
Concen: 0.596 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

Tgt Ion: 43 Resp: 5729
Ion Ratio Lower Upper
43 100
74 10.6 19.8 29.8#

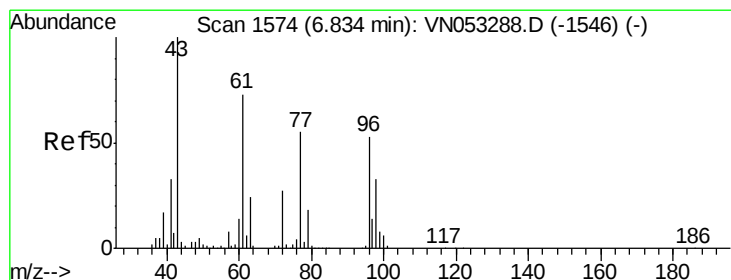
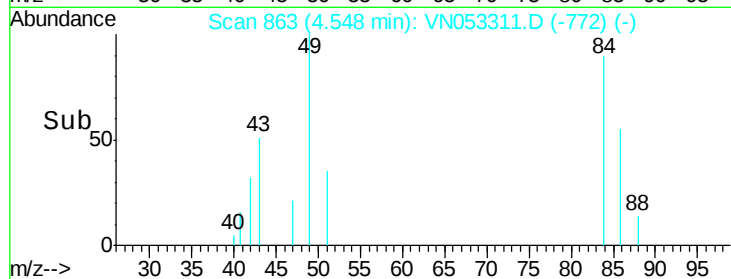
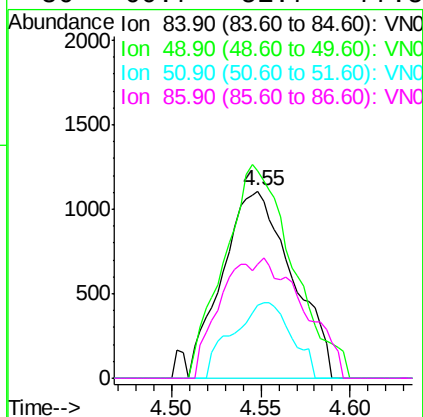
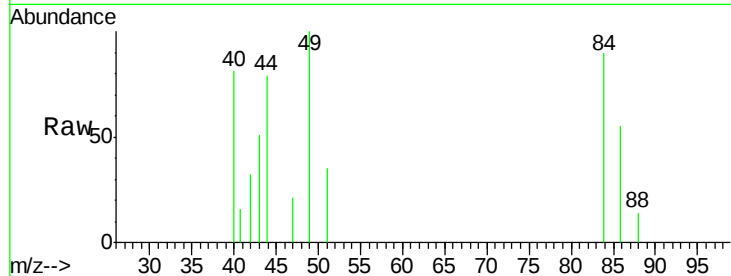




#20
Methvlene Chloride
Concen: 0.264 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

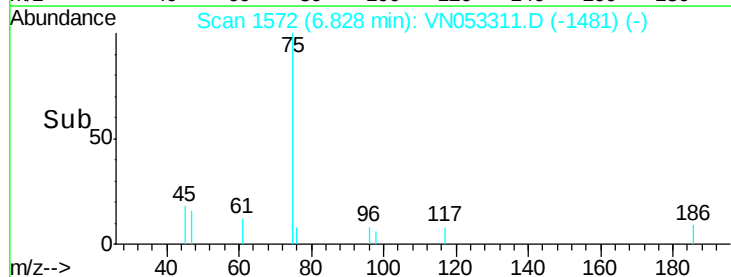
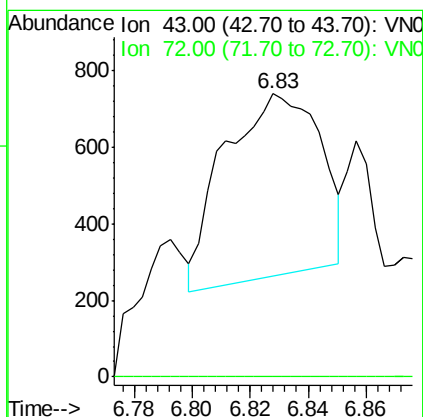
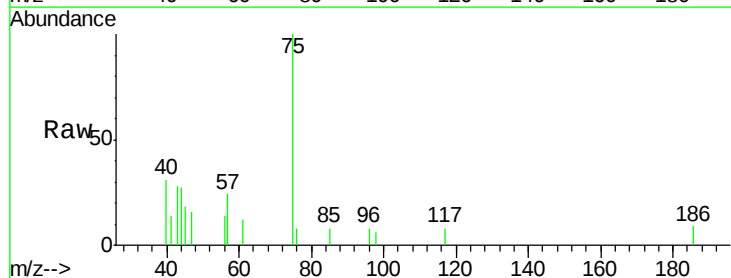
Instrument :
MSVOA_N
ClientSampleId :
CPSB-16(10-15)ME

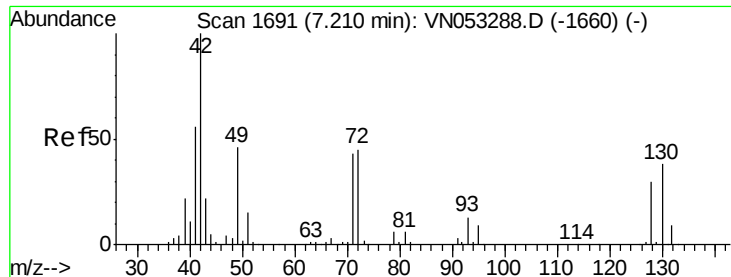
Tot Ion:	84	Resp:	3018
Ion	Ratio	Lower	Upper
84	100		
49	111.0	95.3	142.9
51	38.9	29.0	43.6
86	60.7	51.7	77.5



#25
2-Butanone
Concen: 0.252 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

Tgt Ion:	43	Resp:	1101
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#





#29

Tetrahydrofuran

Concen: 0.986 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

CPSB-16(10-15)ME

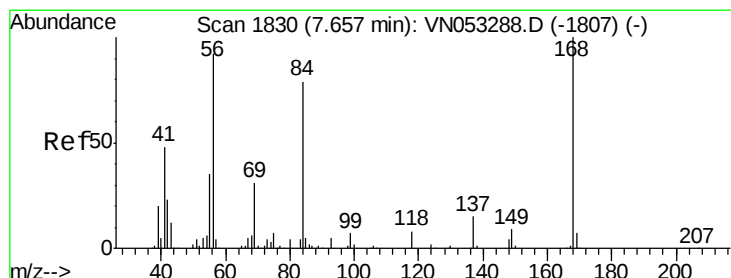
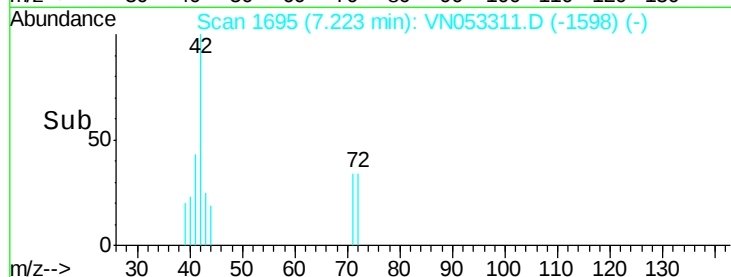
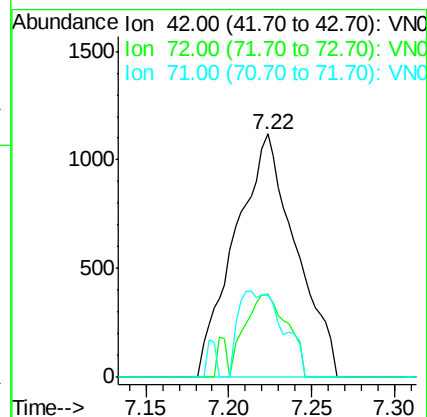
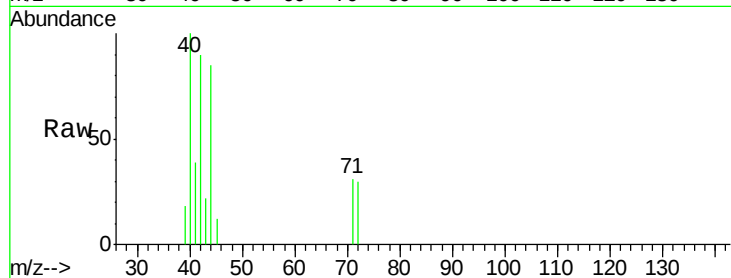
Tot Ion: 42 Resp: 2838

Ion Ratio Lower Upper

42 100

72 23.9 35.6 53.4#

71 26.4 33.8 50.8#



#31

Cyclohexane

Concen: 1.148 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

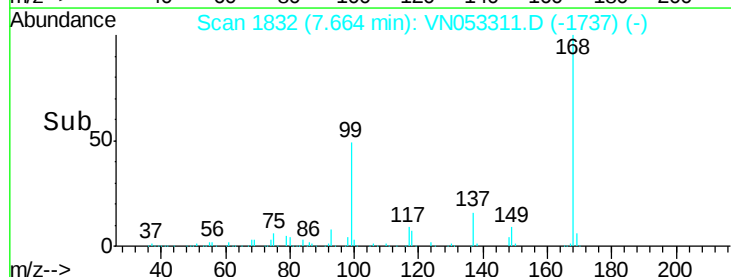
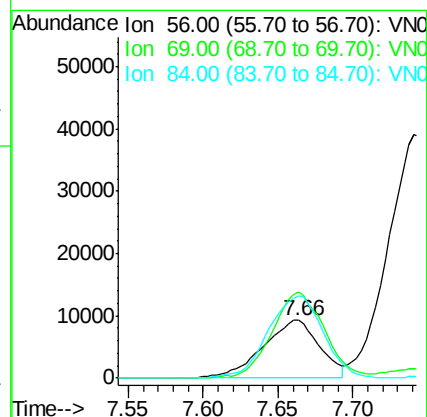
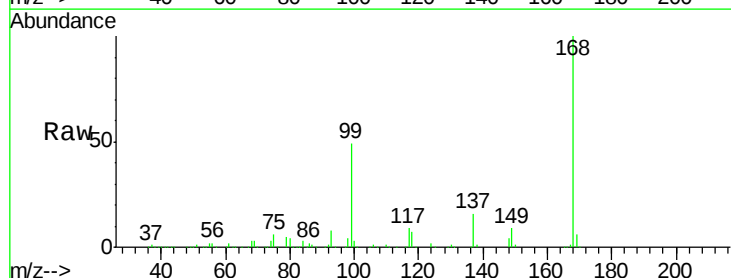
Tgt Ion: 56 Resp: 24274

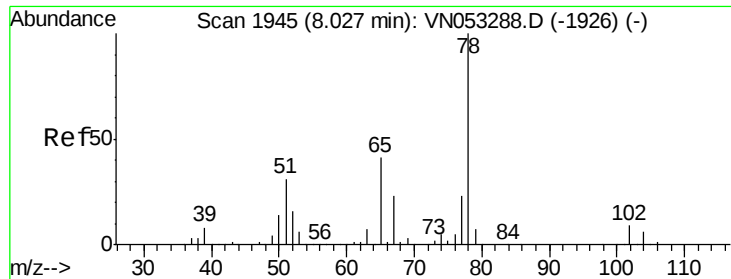
Ion Ratio Lower Upper

56 100

69 149.0 26.7 40.1#

84 142.5 68.2 102.4#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

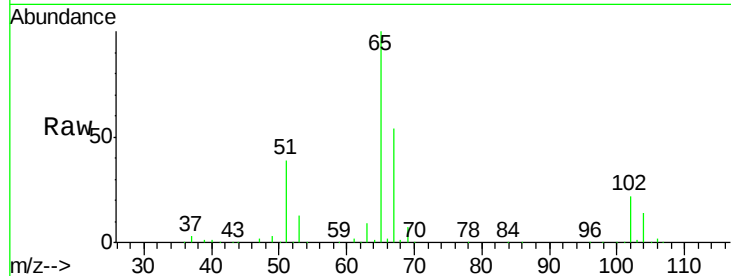
CPSB-16(10-15)ME

Tot Ion: 65 Resp: 481854

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN053311.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053311.D (-1852) (-)

8.03

200000

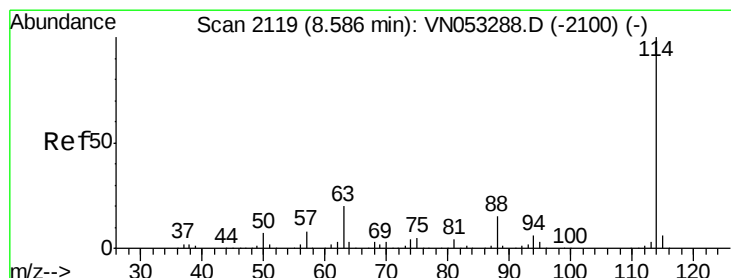
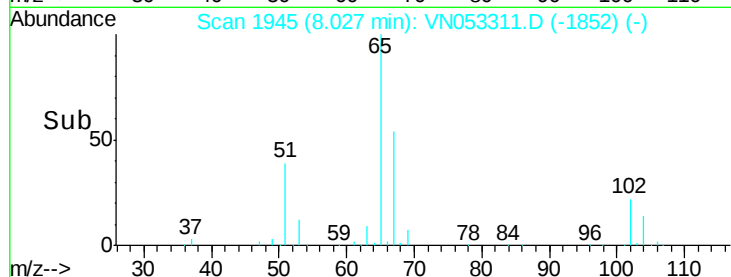
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

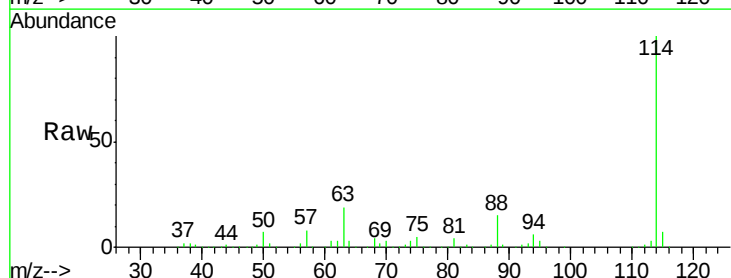
Tgt Ion: 114 Resp: 1559147

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

88 15.3 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN053311.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053311.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053311.D (-2026) (-)

8.59

1000000

800000

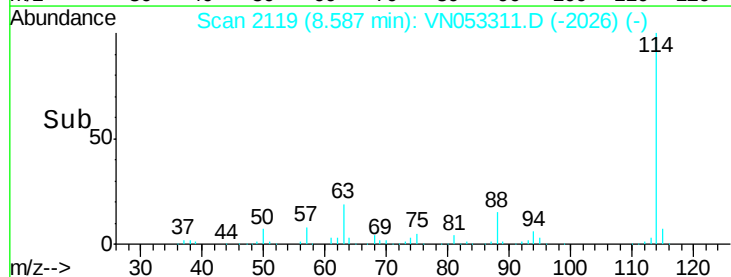
600000

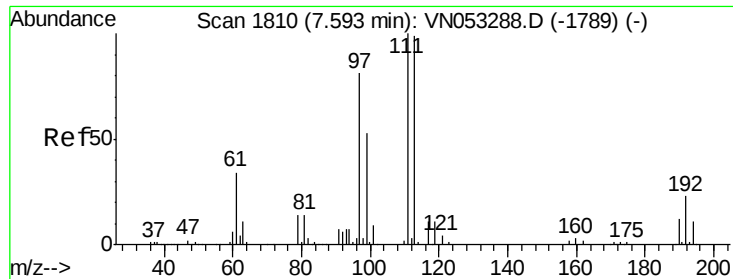
400000

200000

0

Time-->

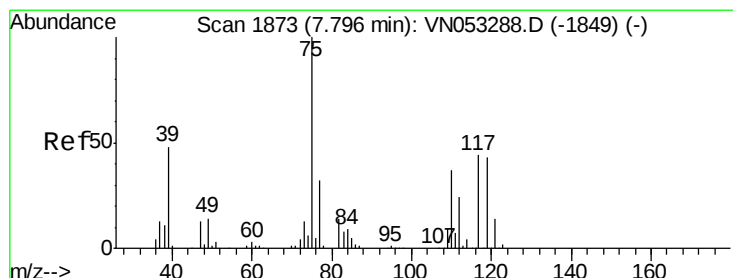
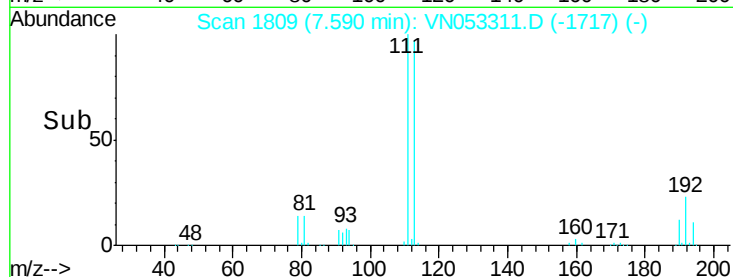
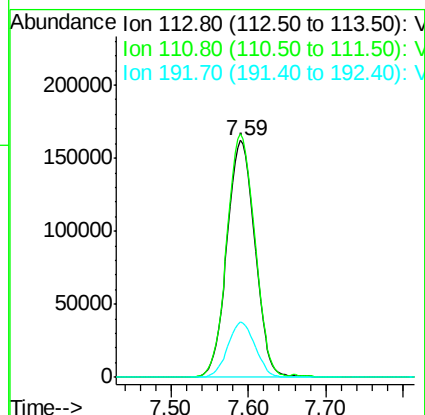
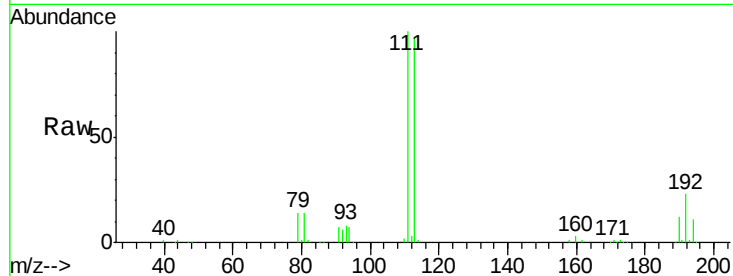




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053311.D
 Acq: 8 Jan 2019 11:57

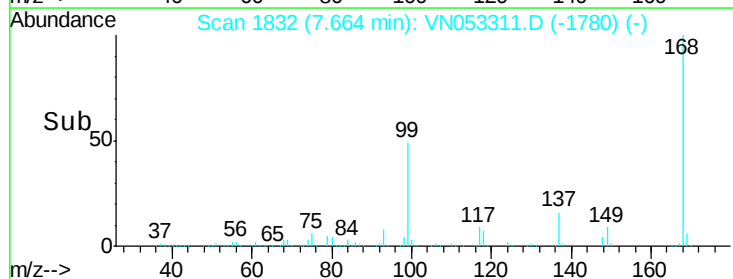
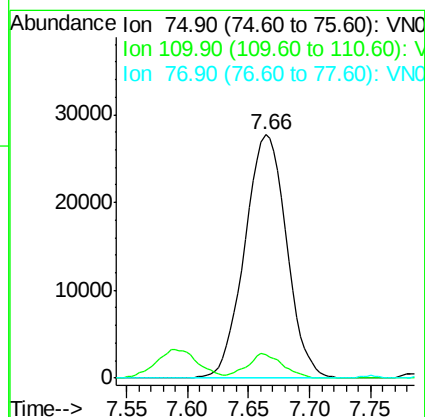
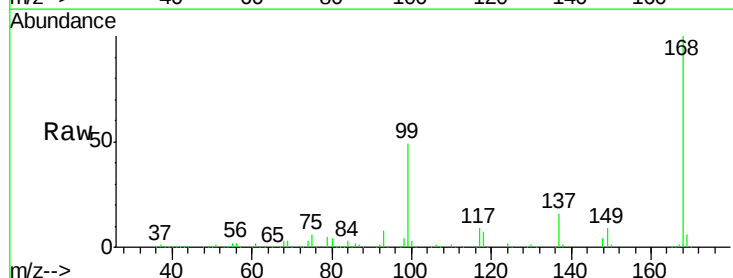
Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-16(10-15)ME

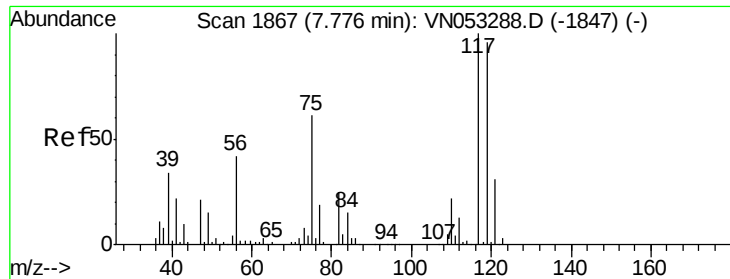
Tot Ion:113 Resp: 407652
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.2
 192 22.6 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 4.510 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053311.D
 Acq: 8 Jan 2019 11:57

Tgt Ion: 75 Resp: 65639
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.0#
 77 0.0 25.3 37.9#

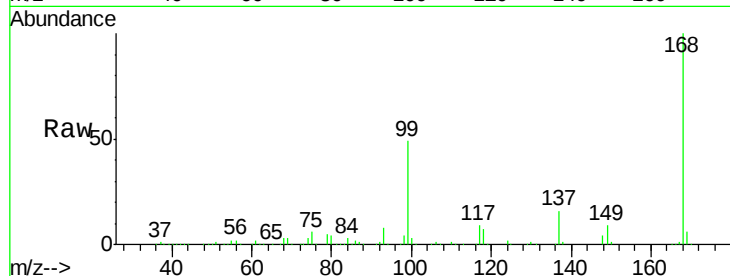




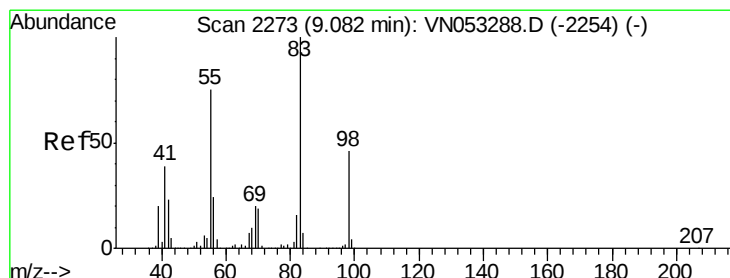
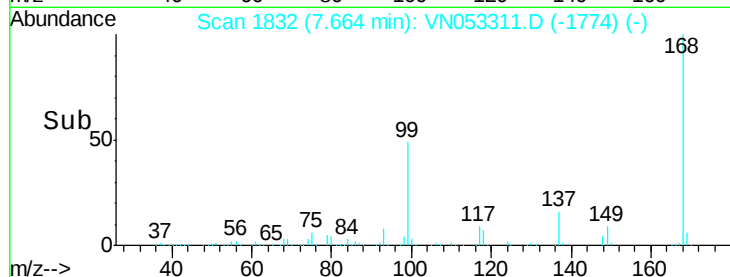
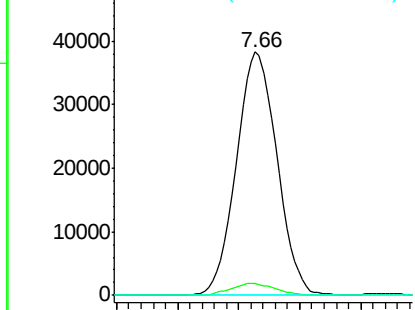
#38
Carbon Tetrachloride
Concen: 6.564 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

Instrument :
MSVOA_N
ClientSampleId :
CPSB-16(10-15)ME

Tot Ion: 117 Resp: 88188
Ion Ratio Lower Upper
117 100
119 4.7 76.6 115.0#
121 0.0 25.0 37.4#

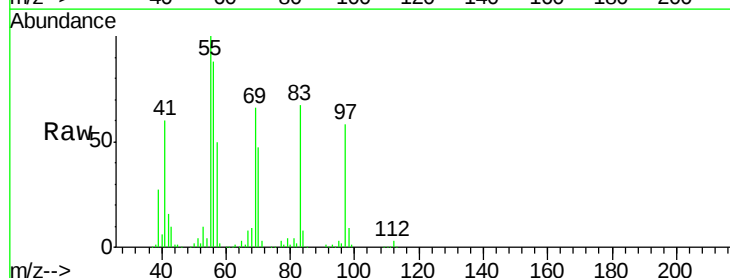


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

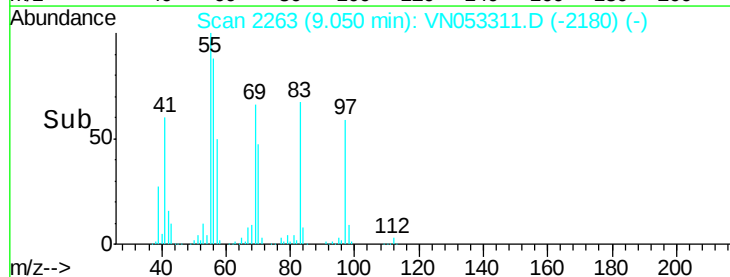
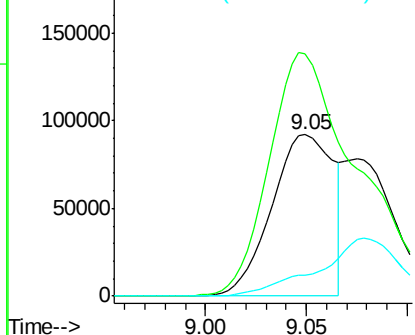


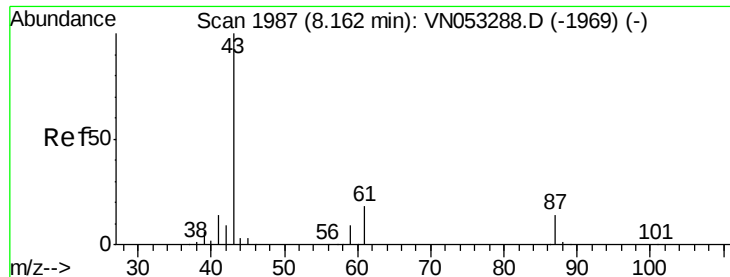
#39
Methylcyclohexane
Concen: 11.576 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.03 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

Tgt Ion: 83 Resp: 195212
Ion Ratio Lower Upper
83 100
55 150.0 60.1 90.1#
98 13.3 36.7 55.1#



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#43

Isopropyl Acetate

Concen: 4.068 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

CPSB-16(10-15)ME

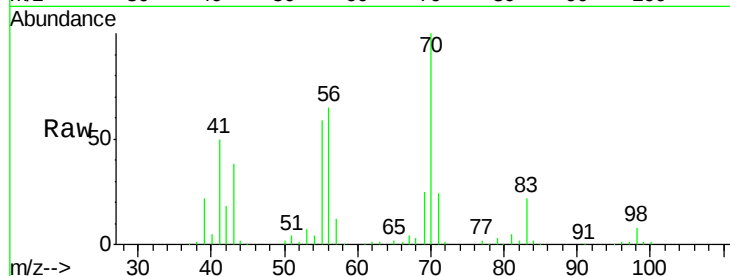
Tot Ion: 43 Resp: 75869

Ion Ratio Lower Upper

43 100

61 0.4 23.3 34.9#

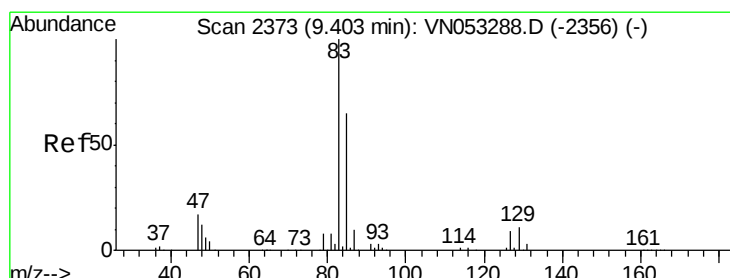
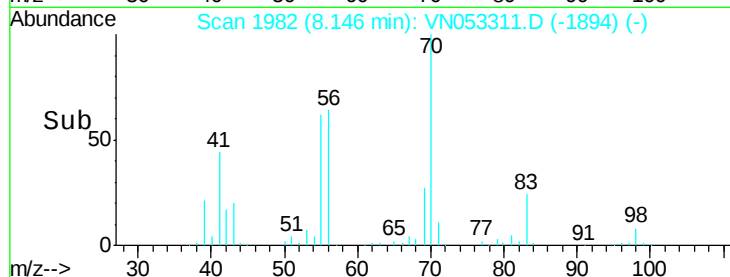
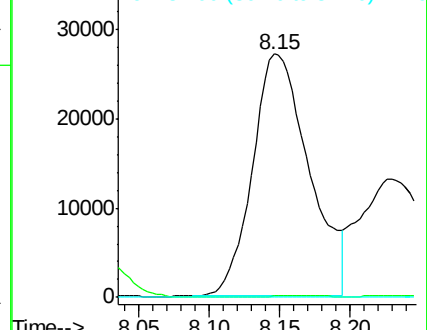
87 0.0 10.8 16.2#



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: 1.438 ug/l

RT: 9.36 min Scan# 2361

Delta R.T. -0.04 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

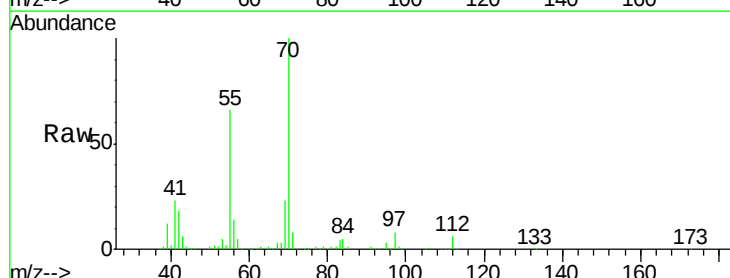
Tgt Ion: 83 Resp: 20375

Ion Ratio Lower Upper

83 100

85 17.5 51.7 77.5#

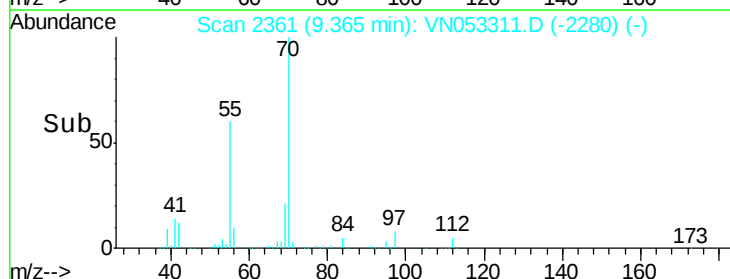
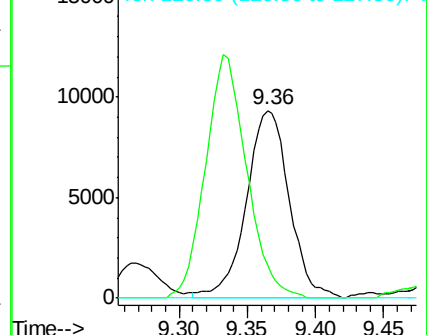
127 0.0 7.0 10.6#

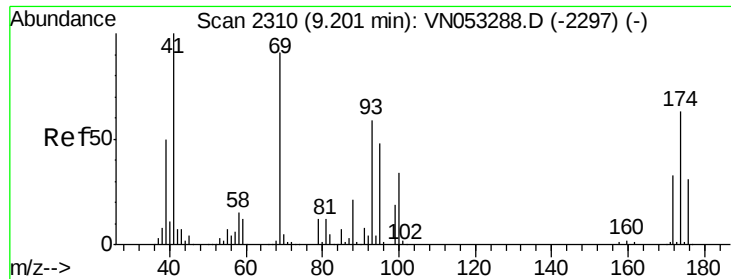


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

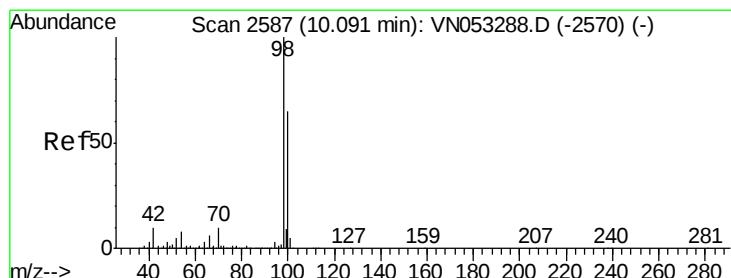
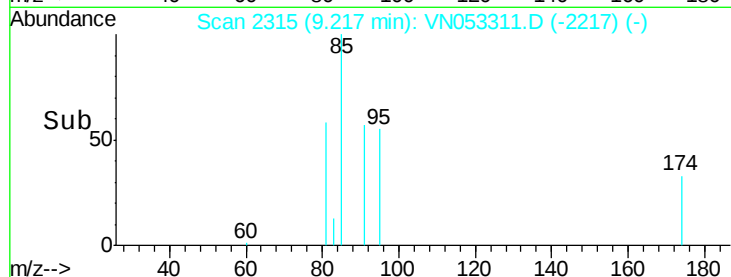
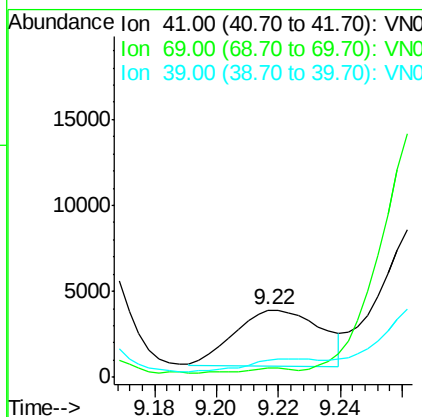
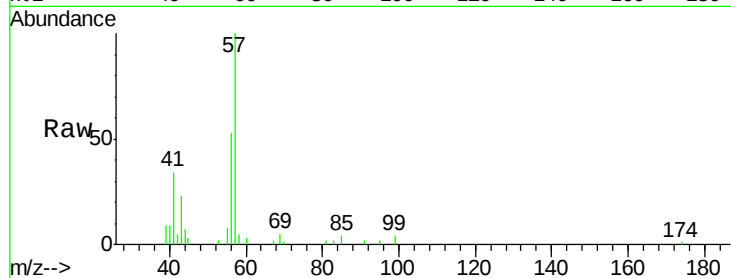




#48
Methyl methacrylate
Concen: 0.752 ug/l
RT: 9.22 min Scan# 2315
Delta R.T. 0.02 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

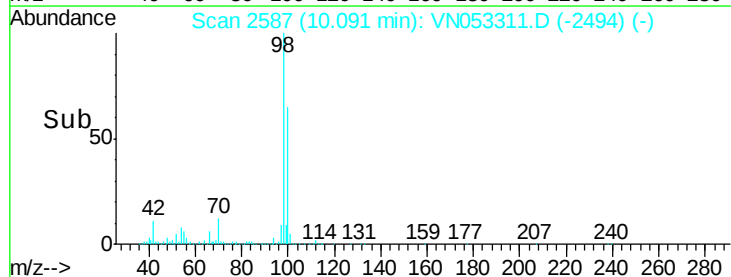
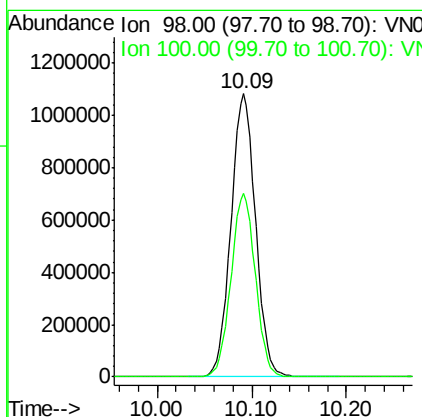
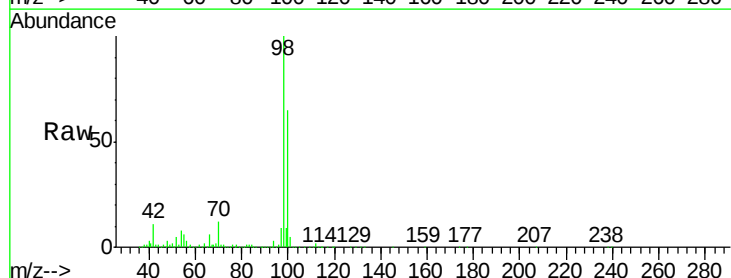
Instrument :
MSVOA_N
ClientSampleId :
CPSB-16(10-15)ME

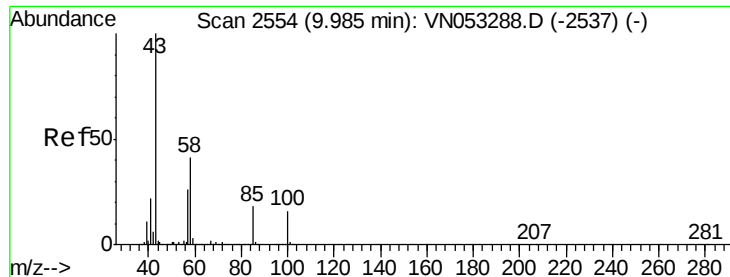
Tot Ion: 41 Resp: 6371
Ion Ratio Lower Upper
41 100
69 0.0 73.5 110.3#
39 0.0 41.6 62.4#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

Tgt Ion: 98 Resp: 1954023
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

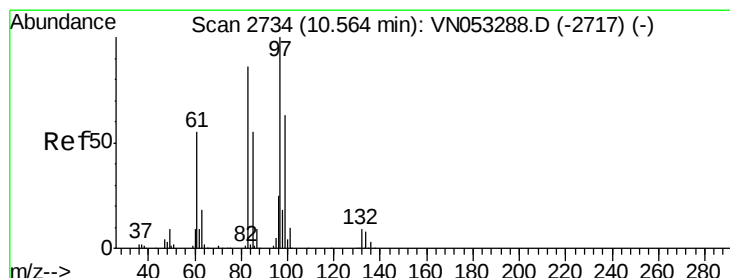
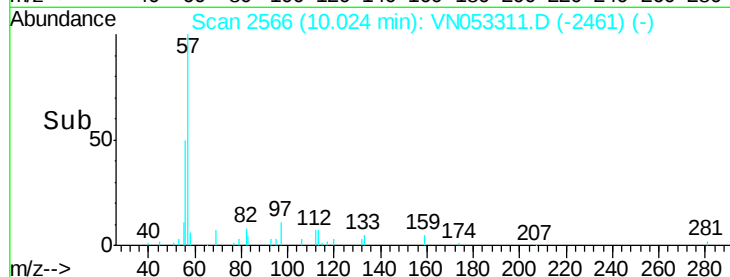
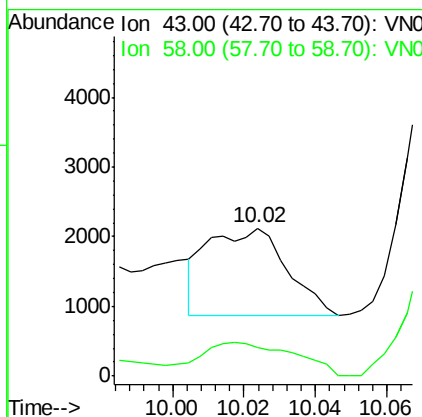
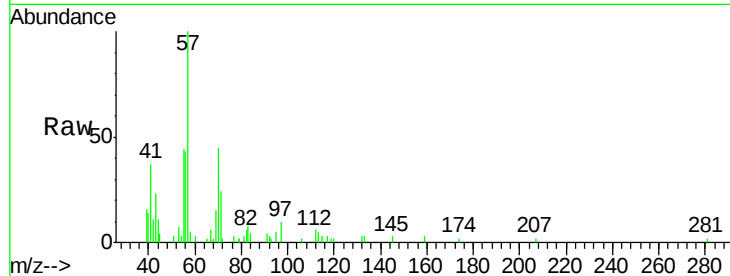




#51
 4-Methyl-2-Pentanone
 Concen: 0.205 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN053311.D
 Acq: 8 Jan 2019 11:57

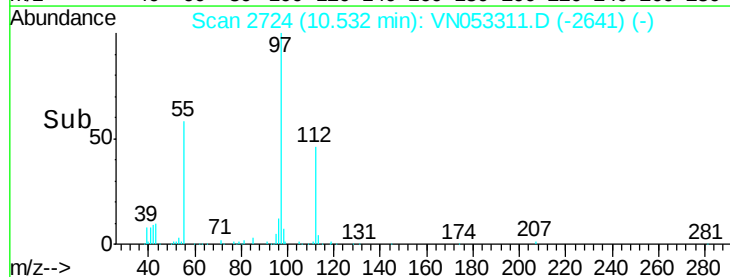
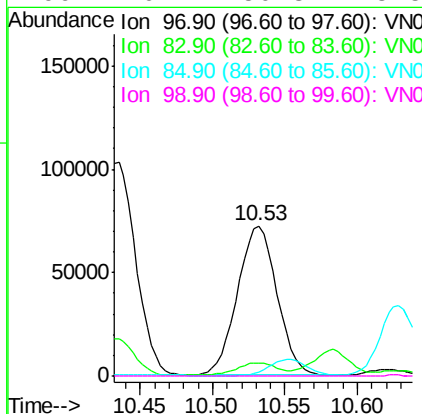
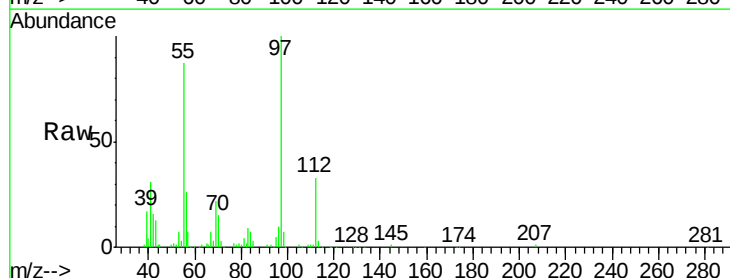
Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-16(10-15)ME

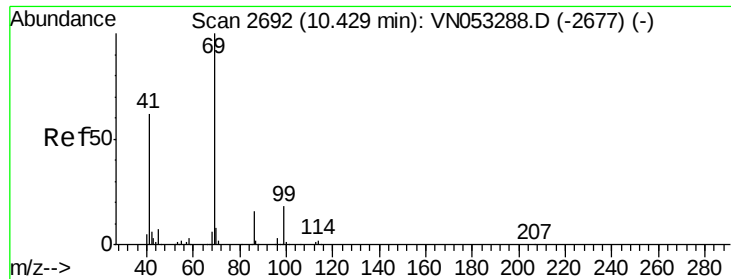
Tot Ion: 43 Resp: 1922
 Ion Ratio Lower Upper
 43 100
 58 47.0 32.7 49.1



#55
 1,1,2-Trichloroethane
 Concen: 13.606 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN053311.D
 Acq: 8 Jan 2019 11:57

Tgt Ion: 97 Resp: 136465
 Ion Ratio Lower Upper
 97 100
 83 8.1 69.1 103.7#
 85 2.5 44.2 66.4#
 99 0.4 50.3 75.5#





#56

Ethyl methacrylate

Concen: 3.897 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

CPSB-16(10-15)ME

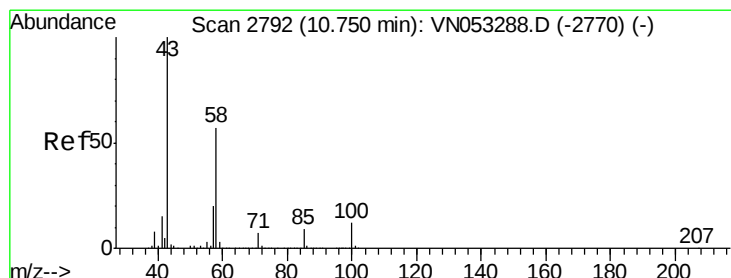
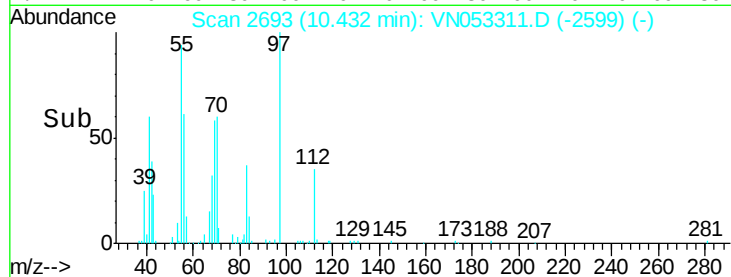
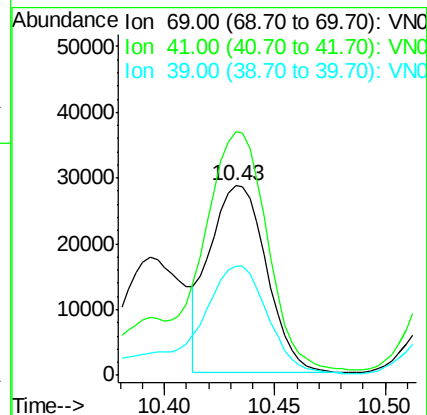
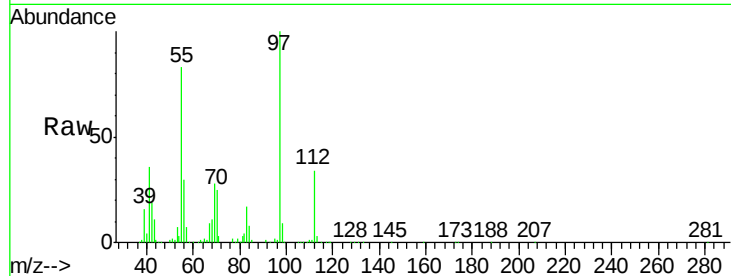
Tot Ion: 69 Resp: 50793

Ion Ratio Lower Upper

69 100

41 140.4 49.2 73.8#

39 78.3 23.4 35.0#



#59

2-Hexanone

Concen: 61.450 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN053311.D

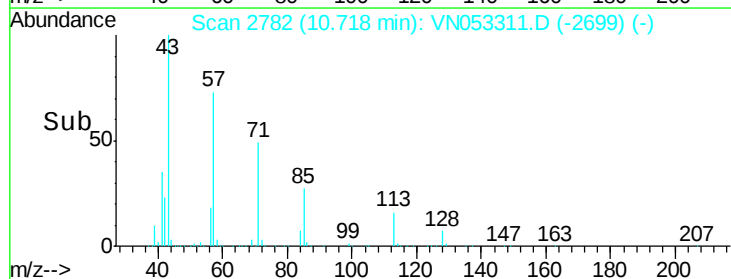
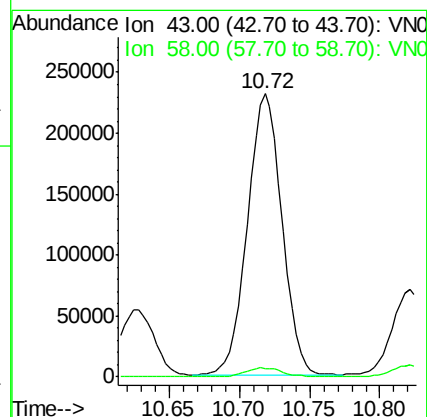
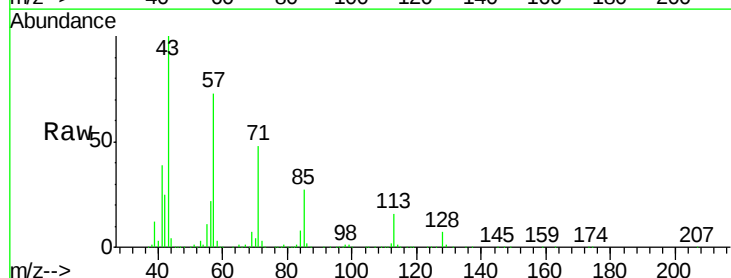
Acq: 8 Jan 2019 11:57

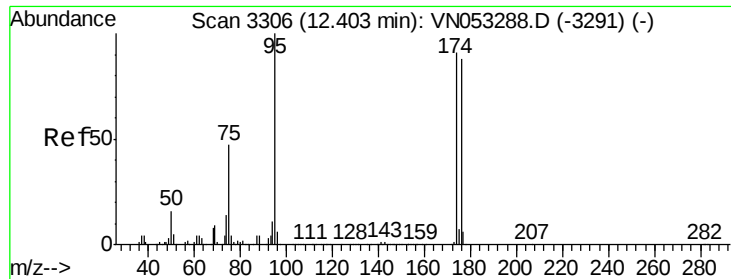
Tgt Ion: 43 Resp: 394904

Ion Ratio Lower Upper

43 100

58 3.7 28.3 85.0#

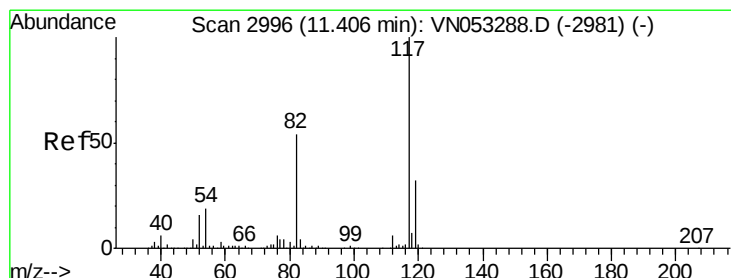
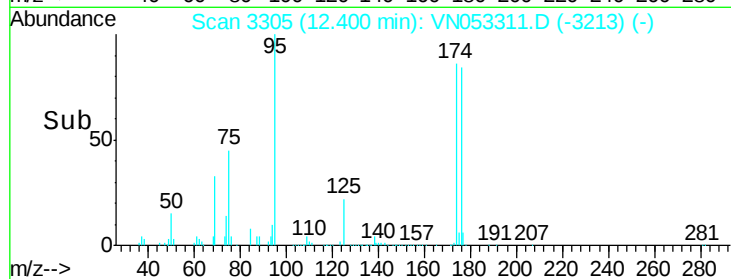
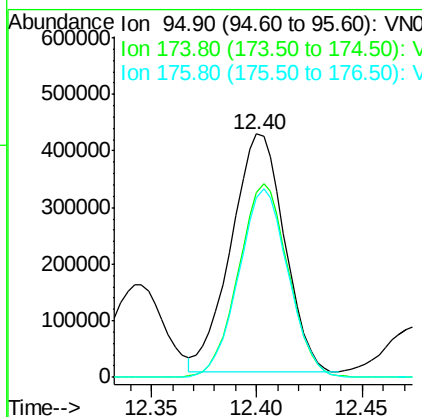
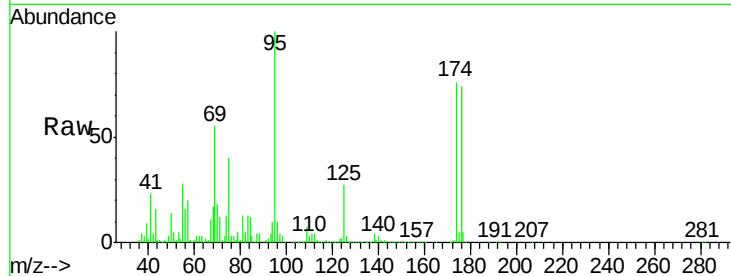




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

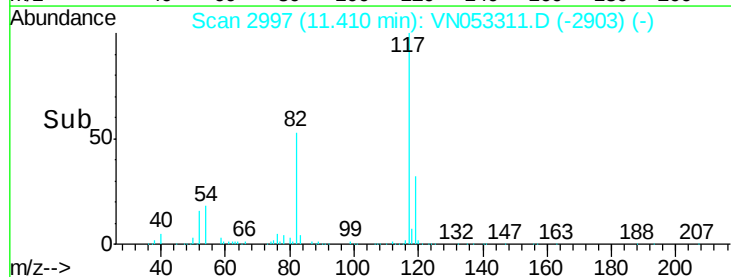
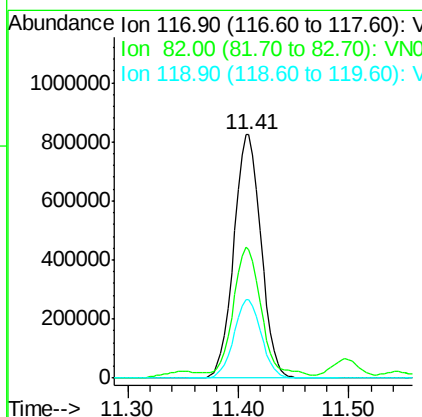
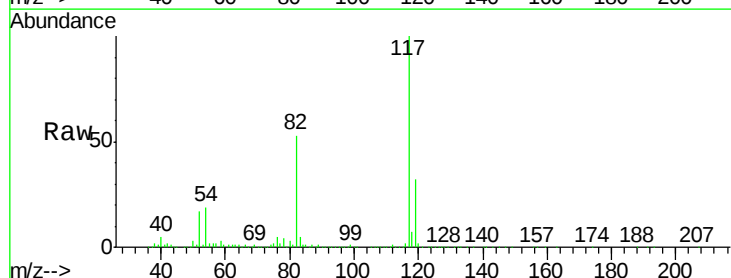
Instrument :
MSVOA_N
ClientSampleId :
CPSB-16(10-15)ME

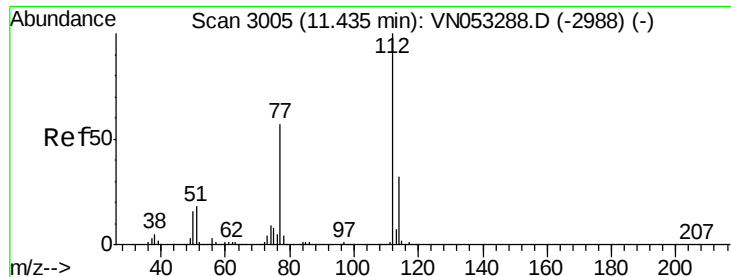
Tot Ion: 95 Resp: 737462
Ion Ratio Lower Upper
95 100
174 75.9 0.0 180.4
176 74.1 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

Tgt Ion: 117 Resp: 1406737
Ion Ratio Lower Upper
117 100
82 50.4 42.9 64.3
119 32.2 25.6 38.4

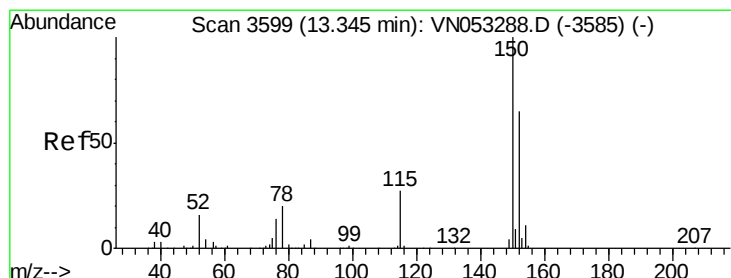
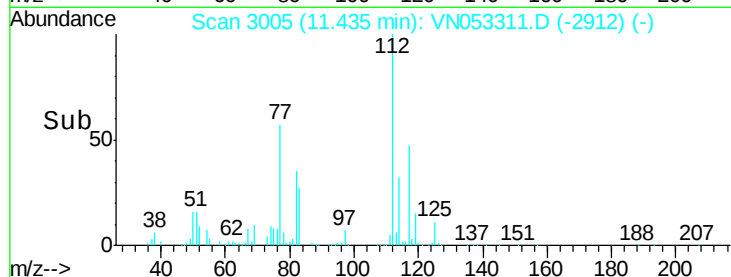
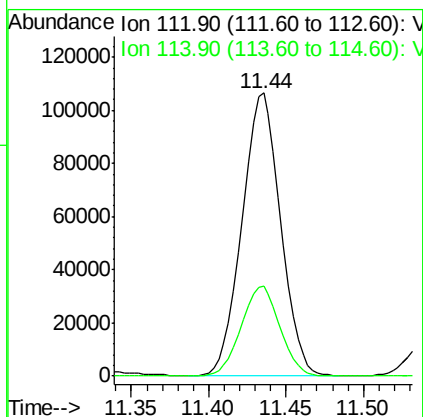
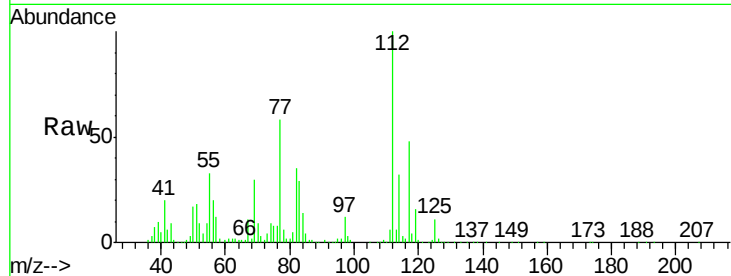




#65
Chlorobenzene
Concen: 6.007 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

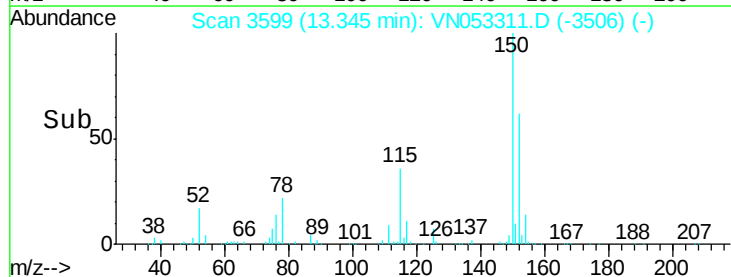
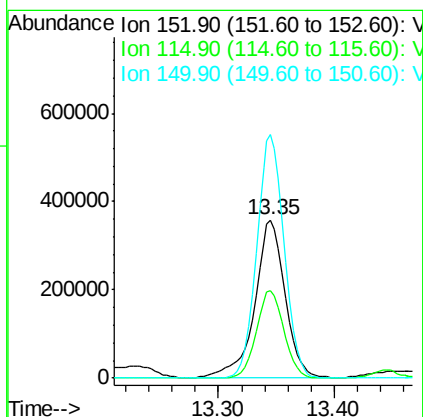
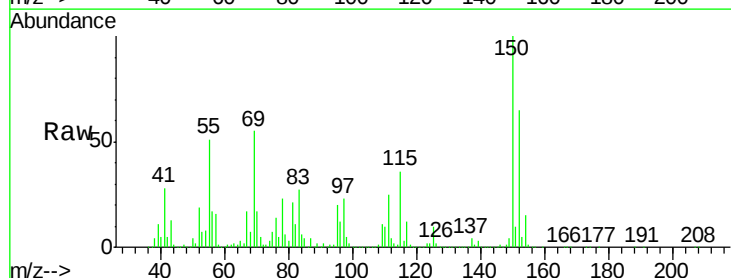
Instrument :
MSVOA_N
ClientSampleId :
CPSB-16(10-15)ME

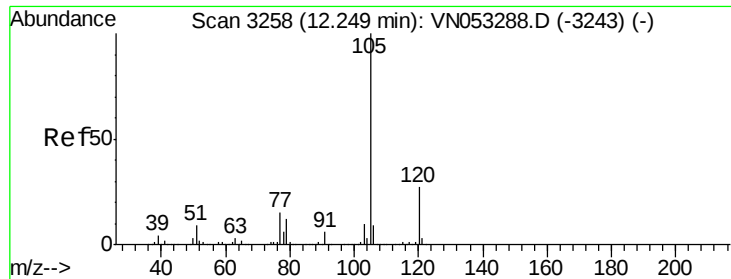
Tot Ion:112 Resp: 183571
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

Tgt Ion:152 Resp: 648274
Ion Ratio Lower Upper
152 100
115 50.0 28.0 84.0
150 139.2 0.0 346.6





#73

Isopropylbenzene

Concen: 16.005 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

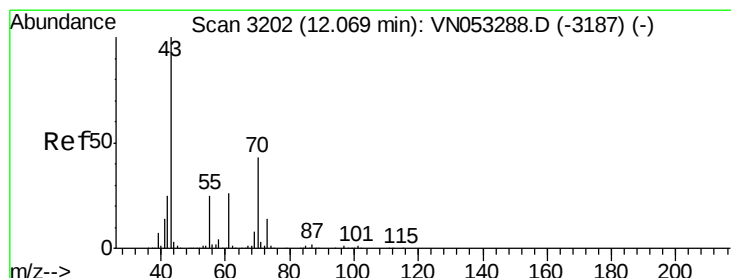
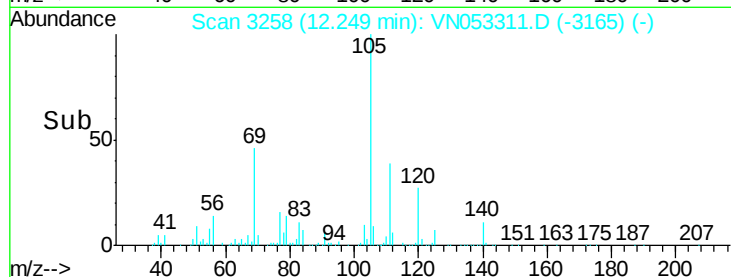
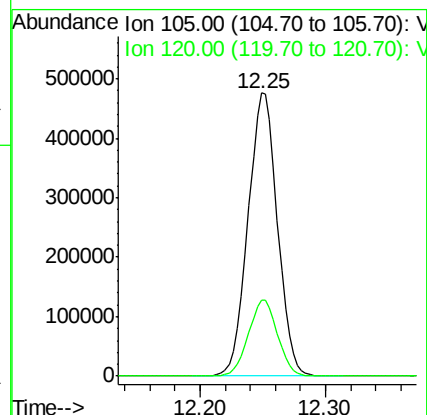
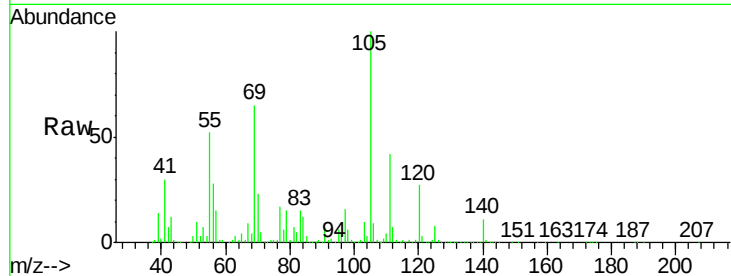
CPSB-16(10-15)ME

Tot Ion:105 Resp: 772477

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 65.748 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Tgt Ion: 43 Resp: 947591

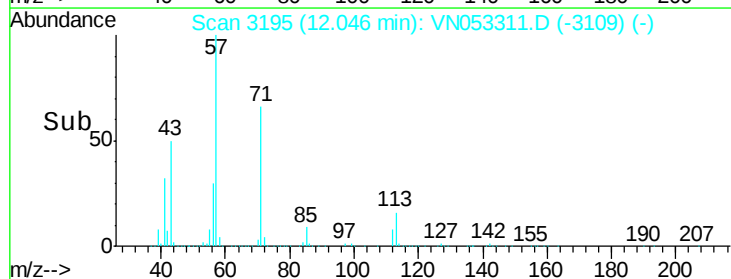
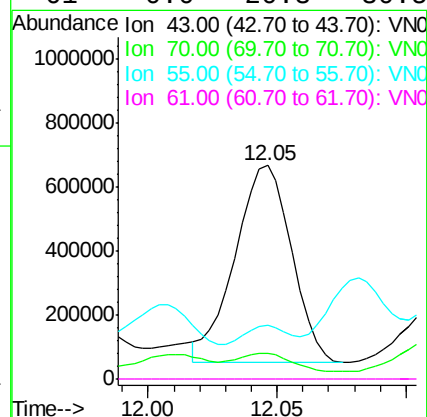
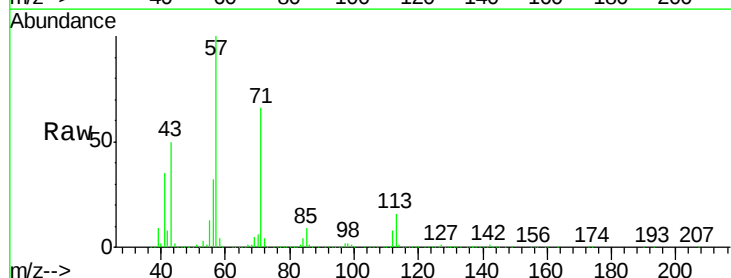
Ion Ratio Lower Upper

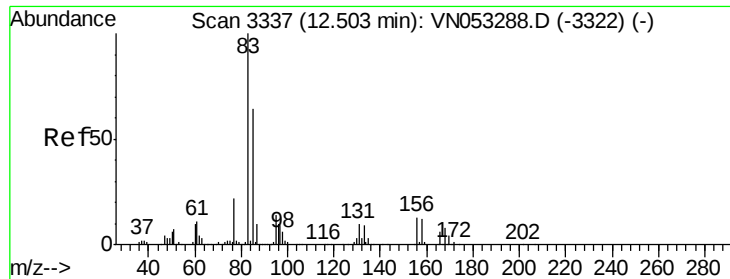
43 100

70 8.4 35.0 52.6#

55 6.8 20.0 30.0#

61 0.0 20.3 30.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 13.583 ug/l

RT: 12.47 min Scan# 3327

Delta R.T. -0.03 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

CPSB-16(10-15)ME

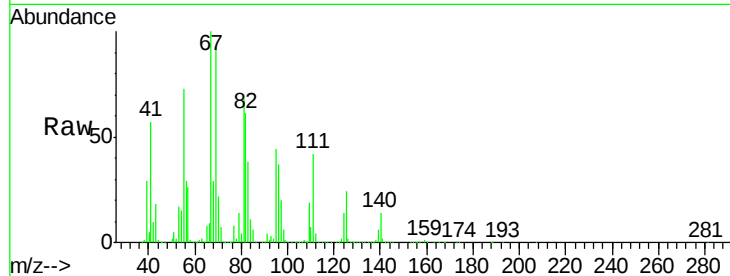
Tot Ion: 83 Resp: 150804

Ion Ratio Lower Upper

83 100

131 0.4 5.3 15.9#

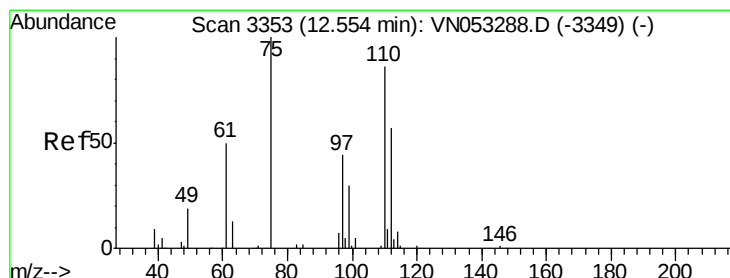
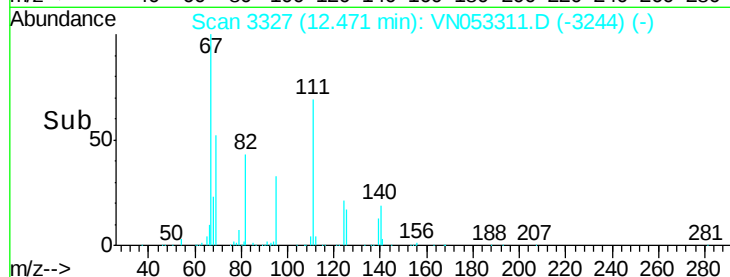
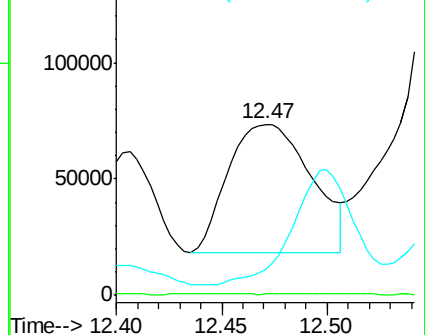
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 1.323 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN053311.D

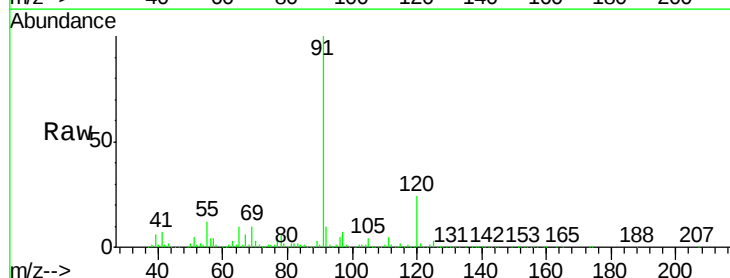
Acq: 8 Jan 2019 11:57

Tgt Ion: 75 Resp: 12514

Ion Ratio Lower Upper

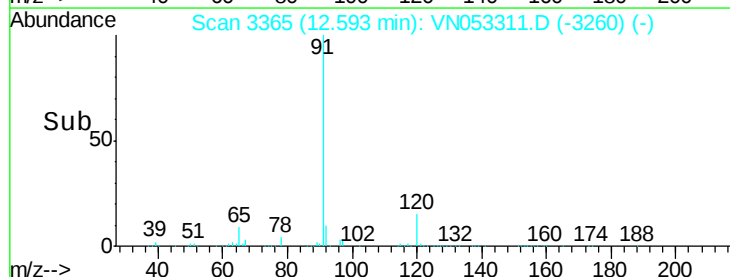
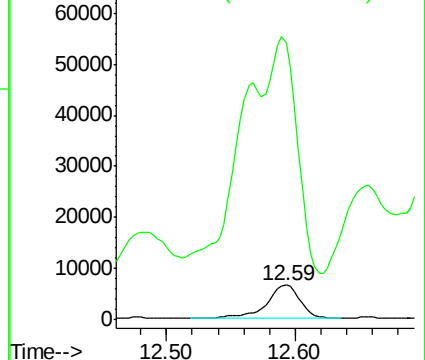
75 100

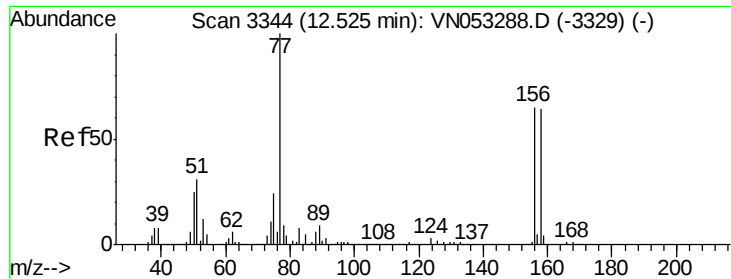
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 0.798 ug/l

RT: 12.54 min Scan# 3348

Delta R.T. 0.01 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

CPSB-16(10-15)ME

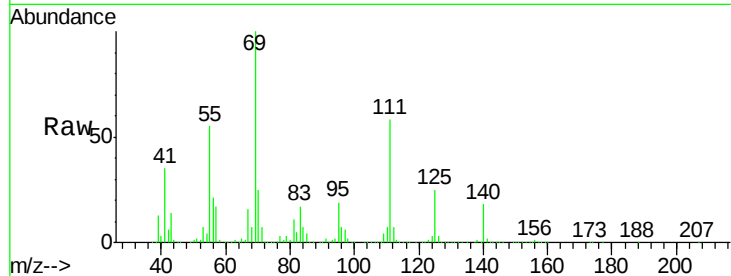
Tot Ion:156 Resp: 10274

Ion Ratio Lower Upper

156 100

77 0.0 89.3 268.1#

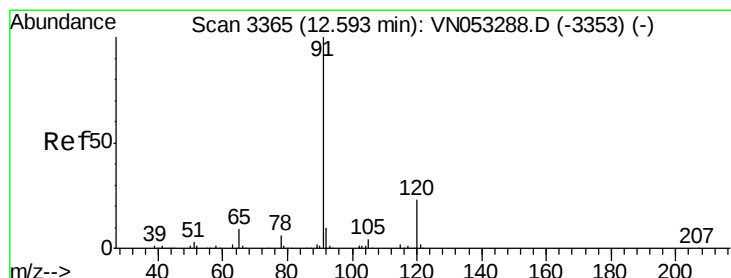
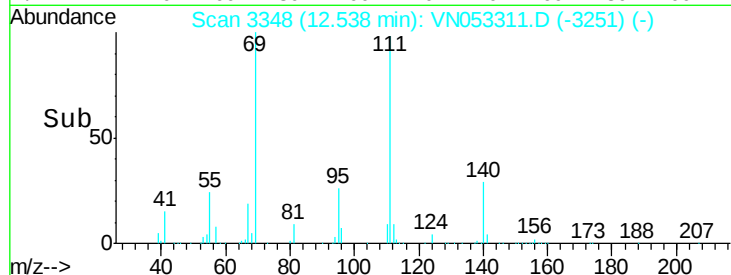
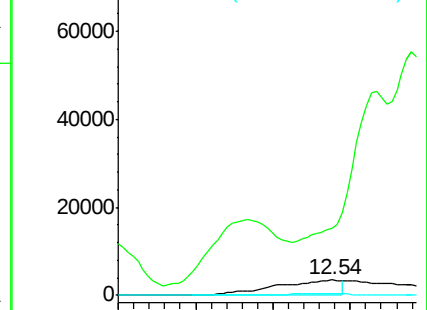
158 8.9 48.9 146.8#



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: 38.086 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053311.D

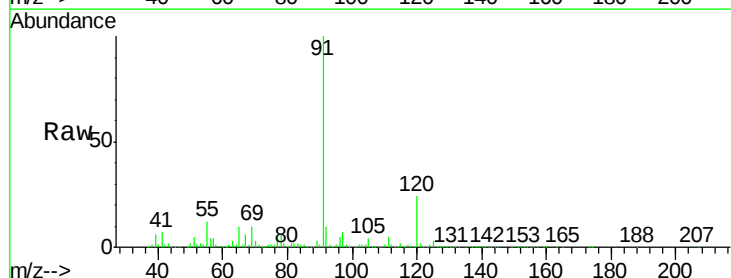
Acq: 8 Jan 2019 11:57

Tgt Ion: 91 Resp: 2079328

Ion Ratio Lower Upper

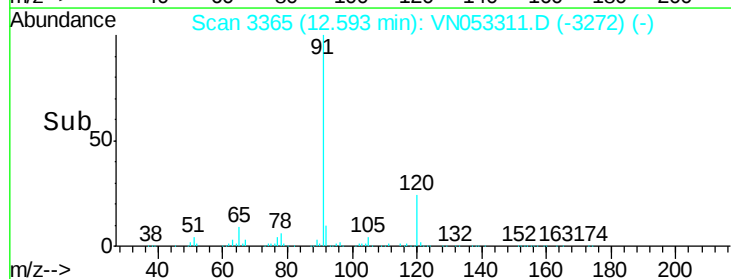
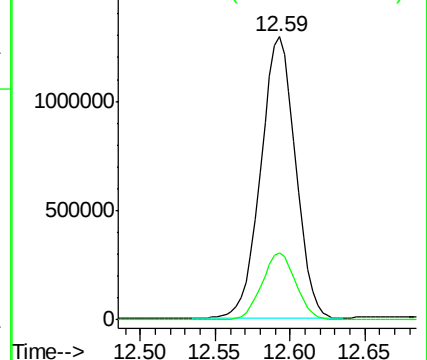
91 100

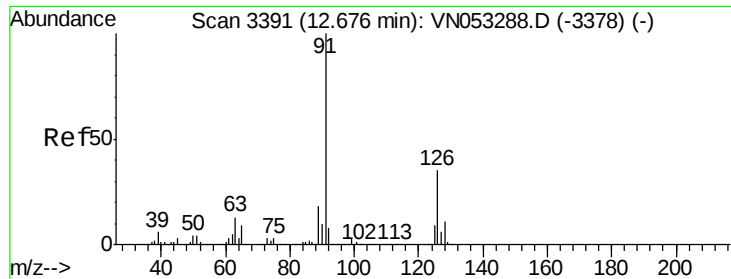
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 62.943 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

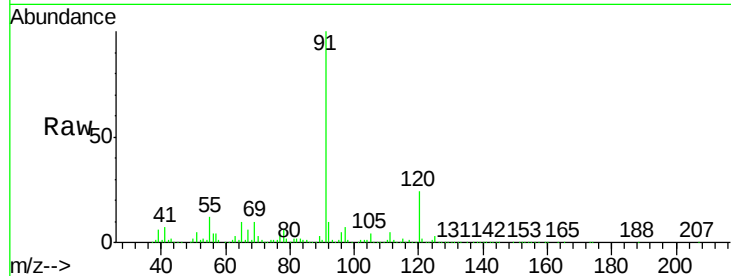
CPSB-16(10-15)ME

Tot Ion: 91 Resp: 2079328

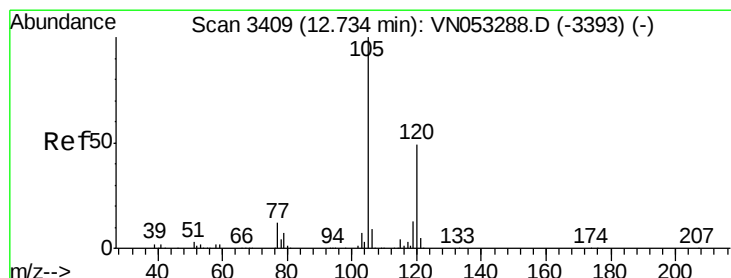
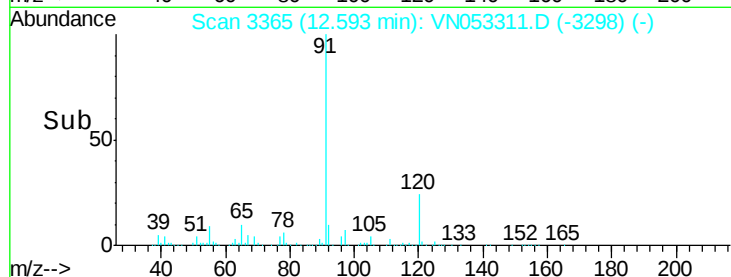
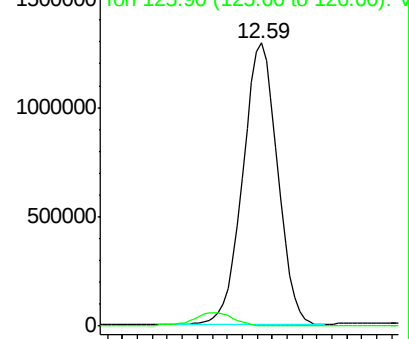
Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VN053311.D (-3298) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.280 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN053311.D

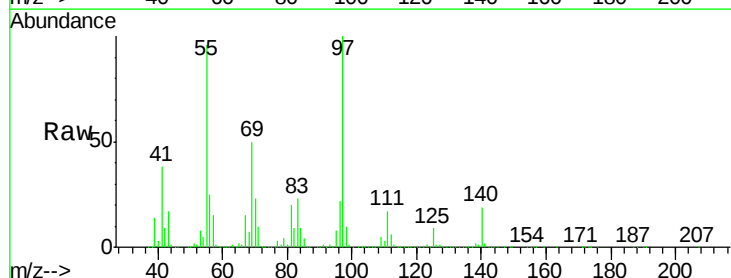
Acq: 8 Jan 2019 11:57

Tgt Ion: 105 Resp: 10898

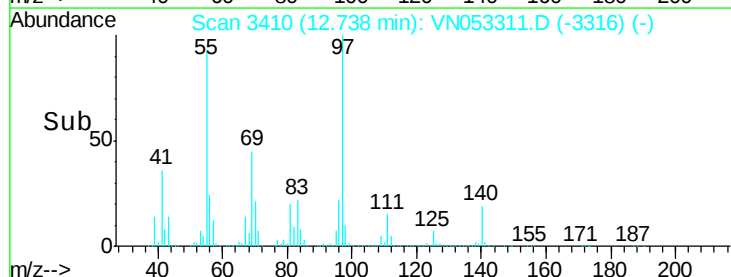
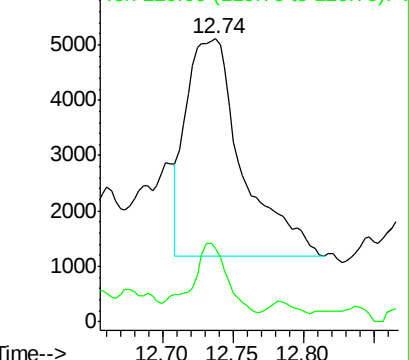
Ion Ratio Lower Upper

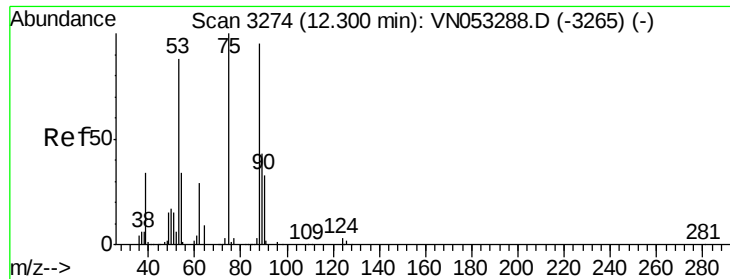
105 100

120 0.0 24.7 74.1#



Abundance Ion 105.00 (104.70 to 105.70): VN053311.D (-3316) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 89.580 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

CPSB-16(10-15)ME

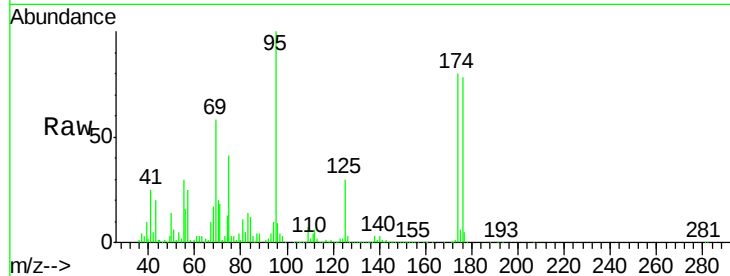
Tot Ion: 75 Resp: 287890

Ion Ratio Lower Upper

75 100

53 10.7 70.5 105.7#

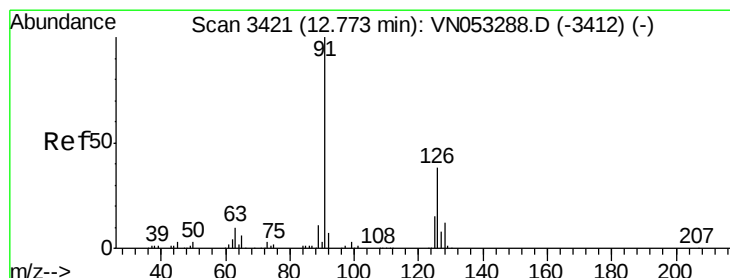
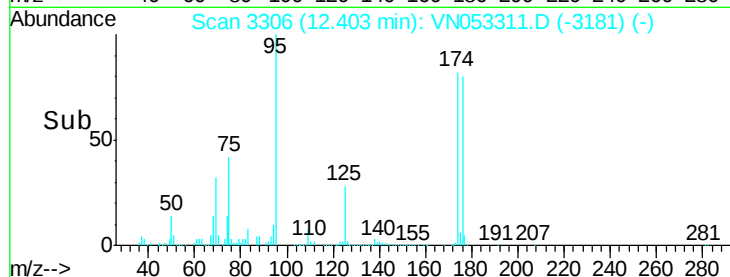
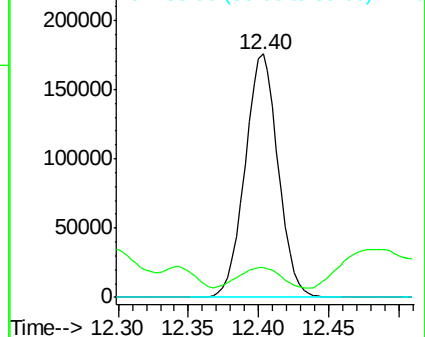
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 61.458 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN053311.D

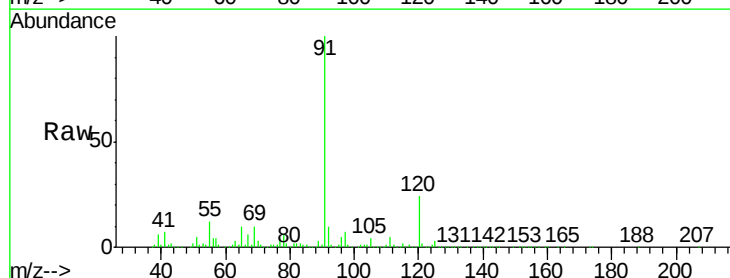
Acq: 8 Jan 2019 11:57

Tgt Ion: 91 Resp: 2081847

Ion Ratio Lower Upper

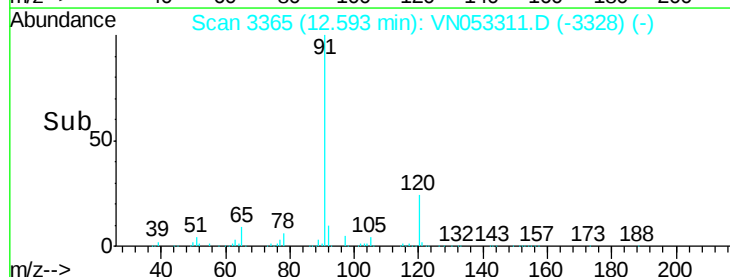
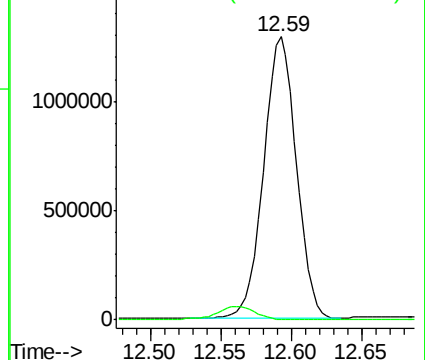
91 100

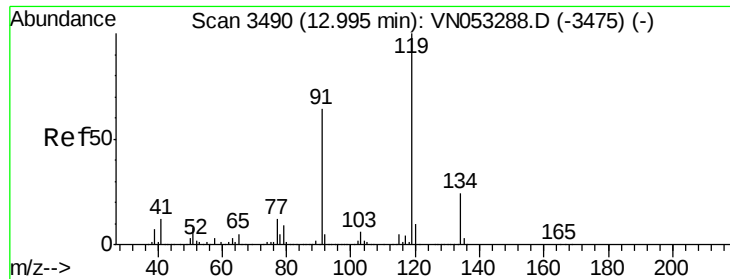
126 0.0 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

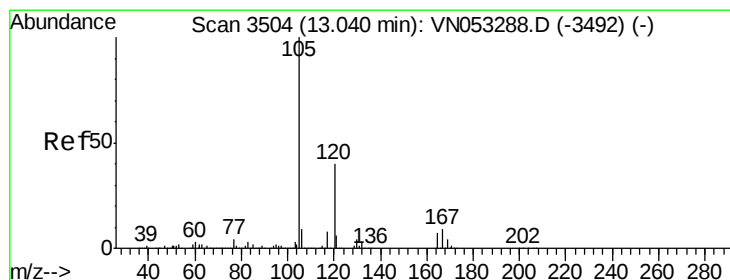
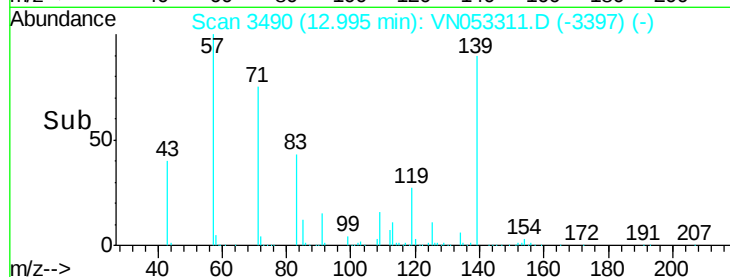
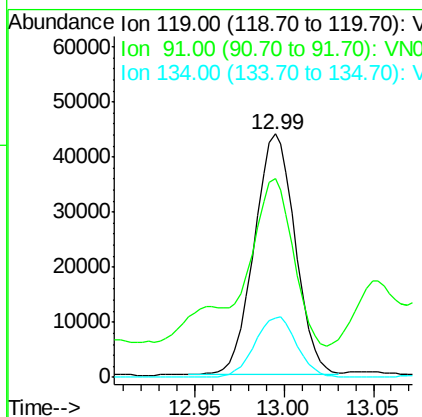
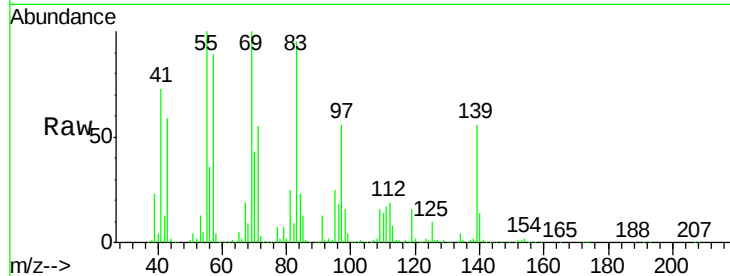




#83
 tert-Butylbenzene
 Concen: 2.050 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053311.D
 Acq: 8 Jan 2019 11:57

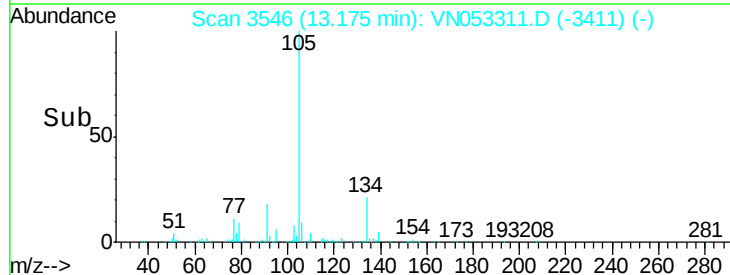
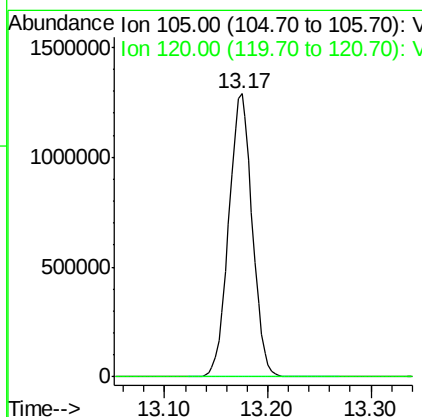
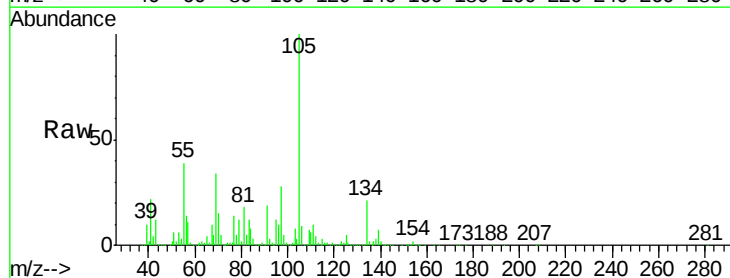
Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-16(10-15)ME

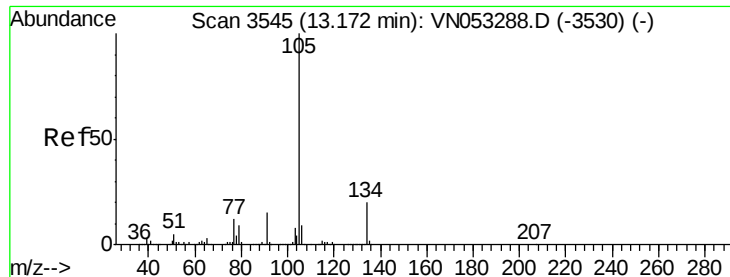
Tot Ion:119 Resp: 69927
 Ion Ratio Lower Upper
 119 100
 91 69.3 31.6 95.0
 134 25.7 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.521 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.14 min
 Lab File: VN053311.D
 Acq: 8 Jan 2019 11:57

Tgt Ion:105 Resp: 2040636
 Ion Ratio Lower Upper
 105 100
 120 0.2 23.0 69.0#





#85

sec-Butylbenzene

Concen: 45.363 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

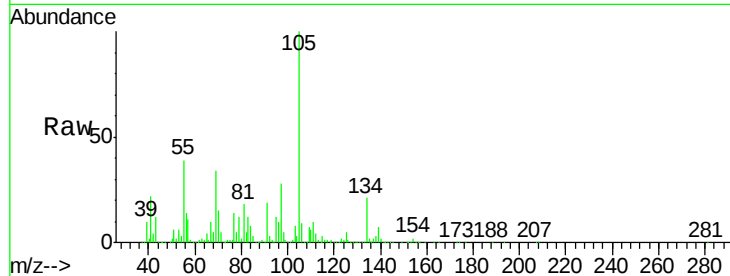
CPSB-16(10-15)ME

Tot Ion:105 Resp: 2040636

Ion Ratio Lower Upper

105 100

134 27.7 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

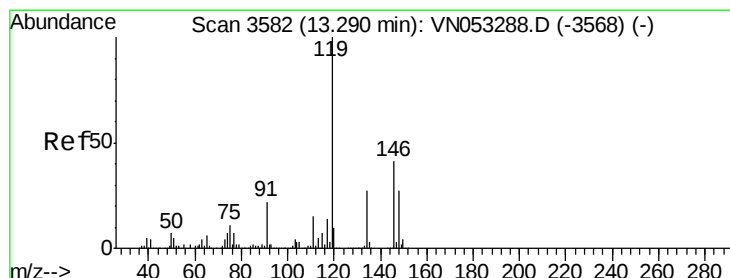
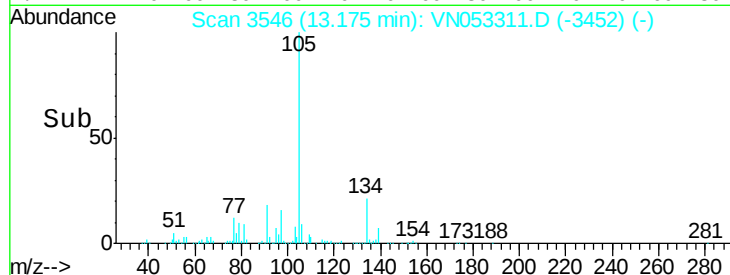
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.889 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.12 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

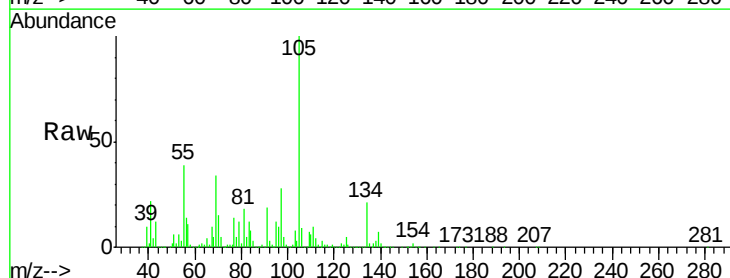
Tgt Ion:119 Resp: 34627

Ion Ratio Lower Upper

119 100

134 1629.5 13.4 40.1#

91 2359.7 11.1 33.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

500000

400000

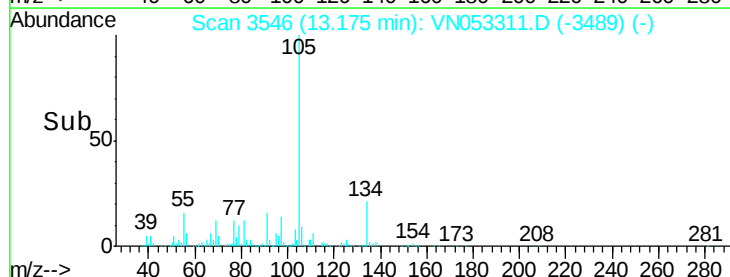
300000

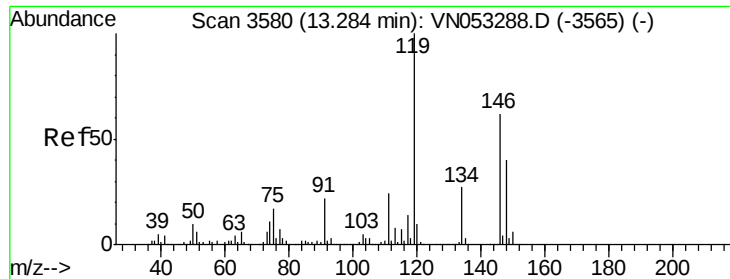
200000

100000

0

Time-->

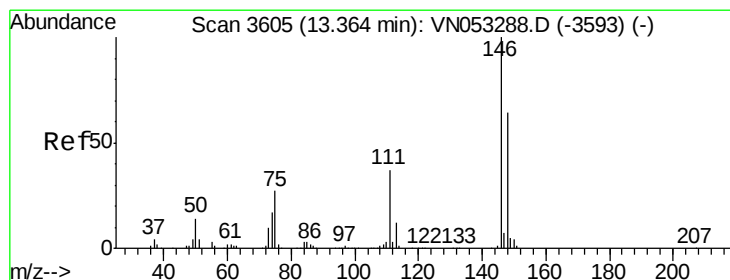
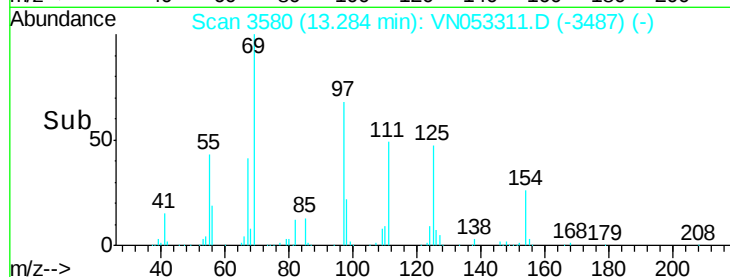
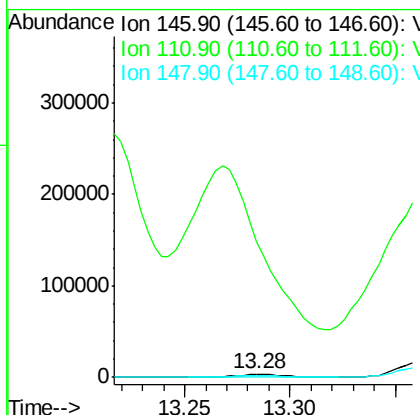
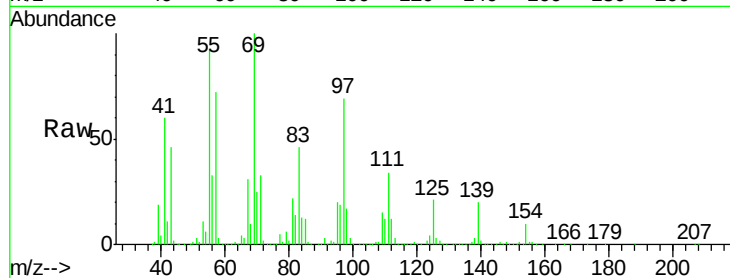




#87
 1,3-Dichlorobenzene
 Concen: 0.240 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053311.D
 Acq: 8 Jan 2019 11:57

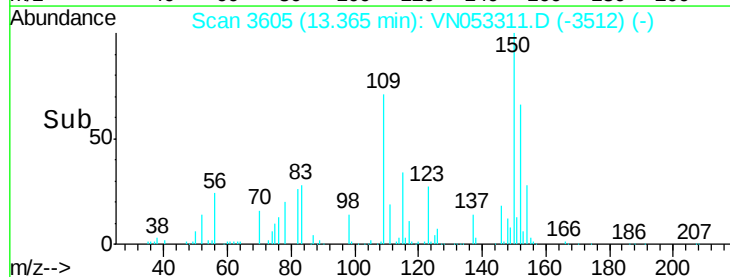
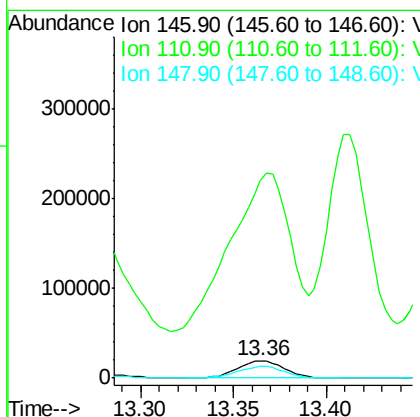
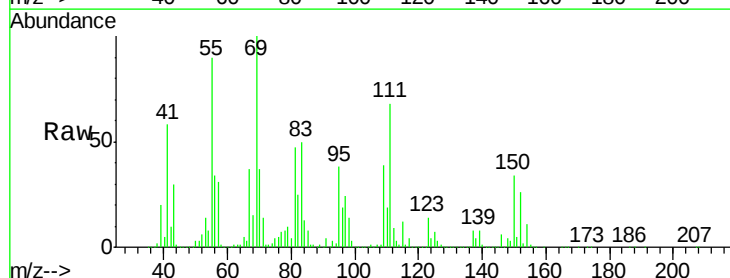
Instrument :
 MSVOA_N
 ClientSampleId :
 CPSB-16(10-15)ME

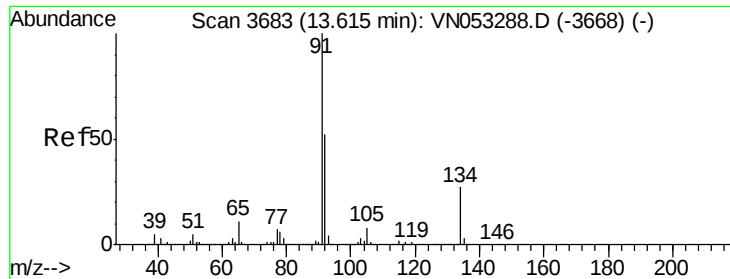
Tot Ion:146 Resp: 5452
 Ion Ratio Lower Upper
 146 100
 111 7396.0 18.9 56.5#
 148 65.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 1.474 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053311.D
 Acq: 8 Jan 2019 11:57

Tgt Ion:146 Resp: 33167
 Ion Ratio Lower Upper
 146 100
 111 1185.3 18.6 55.8#
 148 70.8 32.0 96.0

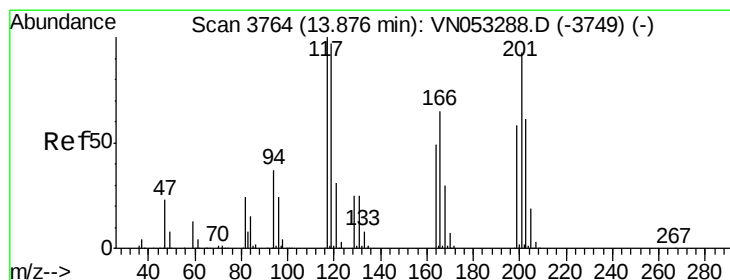
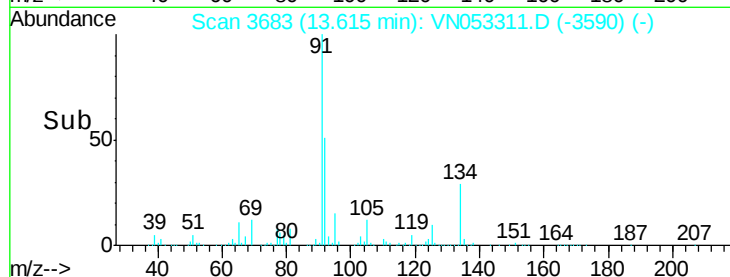
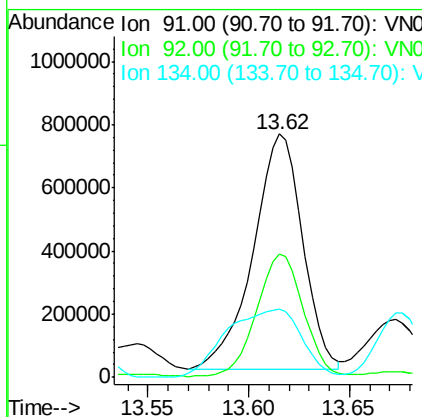
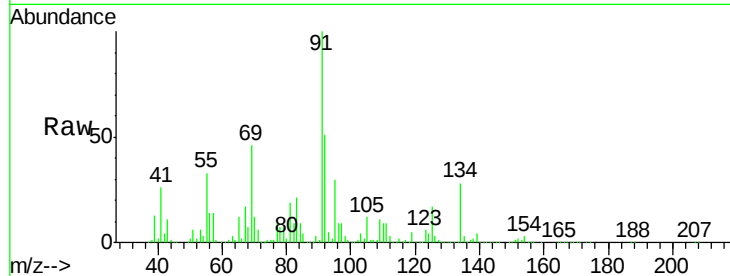




#89
n-Butylbenzene
Concen: 38.755 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

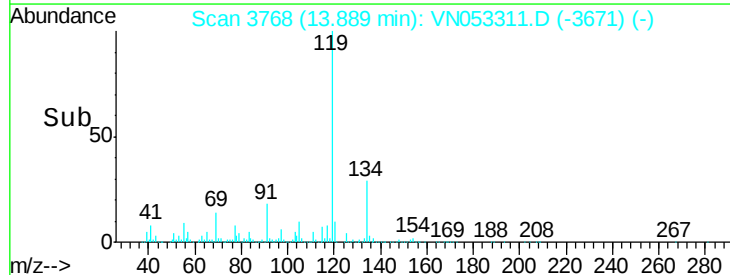
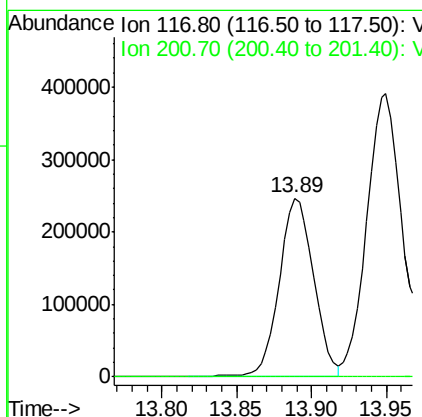
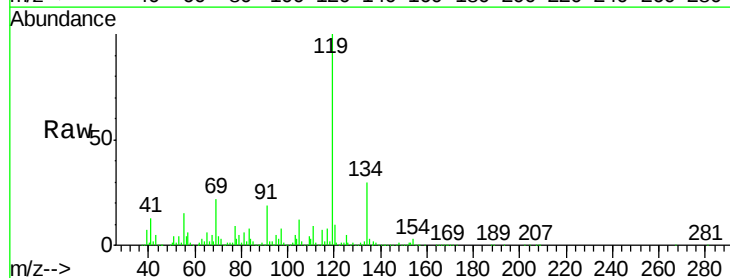
Instrument :
MSVOA_N
ClientSampleId :
CPSB-16(10-15)ME

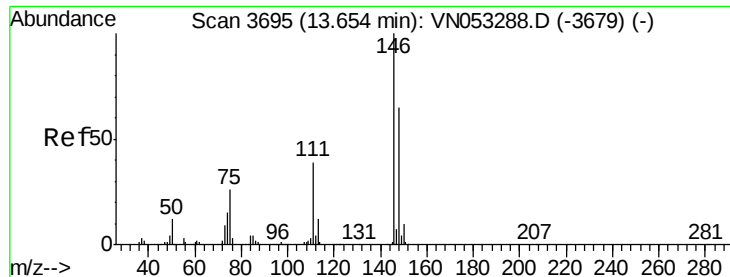
Tot Ion: 91 Resp: 1265533
Ion Ratio Lower Upper
91 100
92 49.1 26.3 78.8
134 44.2 13.5 40.5#



#90
Hexachloroethane
Concen: 62.615 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

Tgt Ion: 117 Resp: 390890
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.3#





#91

1,2-Dichlorobenzene

Concen: 0.361 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

CPSB-16(10-15)ME

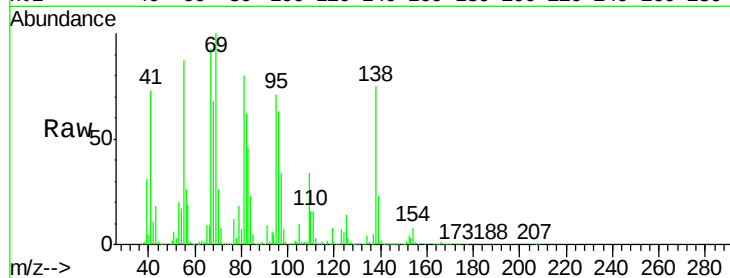
Tot Ion:146 Resp: 7664

Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.2#

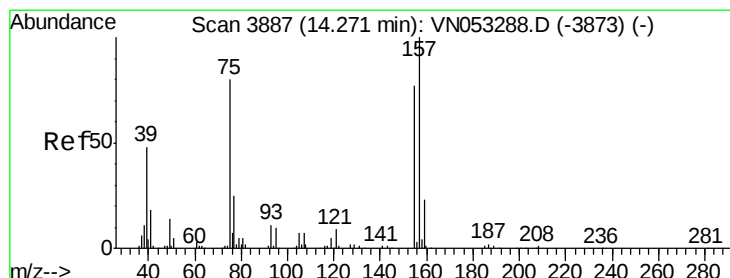
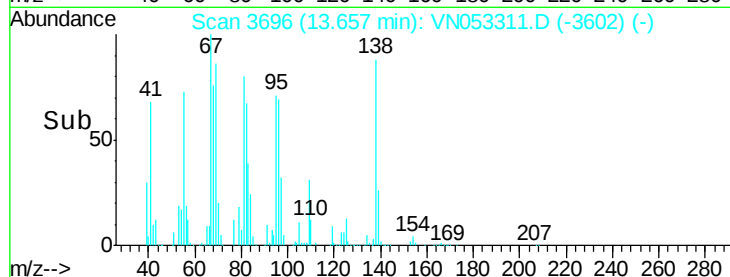
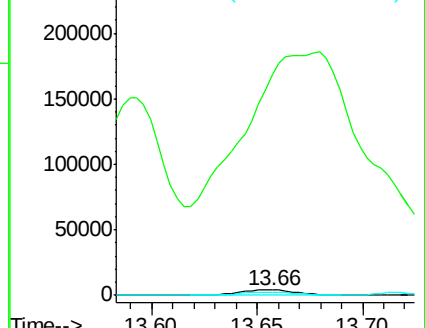
148 62.4 32.2 96.6



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: 8.208 ug/l

RT: 14.30 min Scan# 3895

Delta R.T. 0.03 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

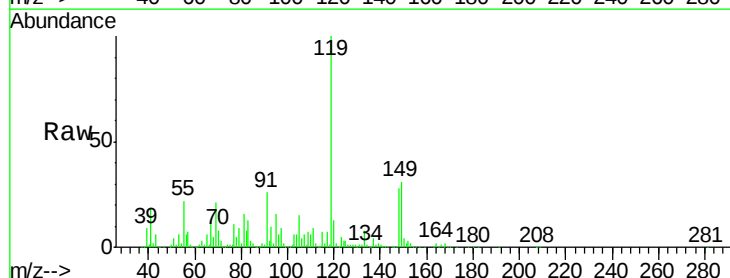
Tgt Ion: 75 Resp: 11054

Ion Ratio Lower Upper

75 100

155 0.0 48.1 144.3#

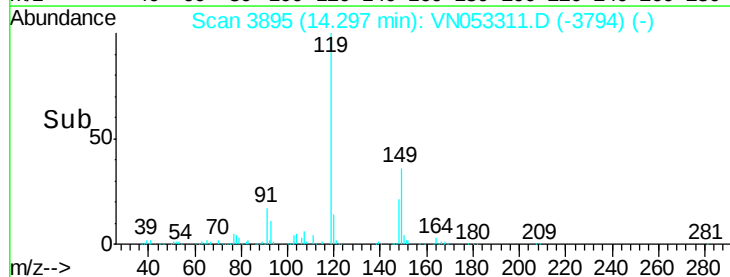
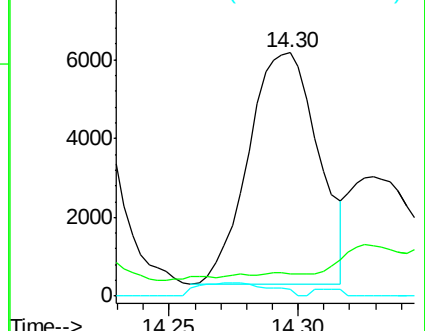
157 1.2 61.5 184.4#

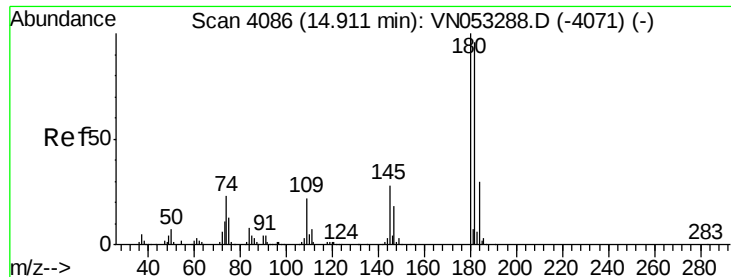


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 1.730 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

Instrument :

MSVOA_N

ClientSampleId :

CPSB-16(10-15)ME

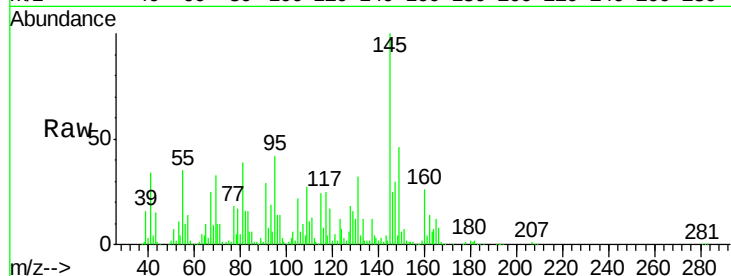
Tot Ion:180 Resp: 11559

Ion Ratio Lower Upper

180 100

182 135.0 47.8 143.4

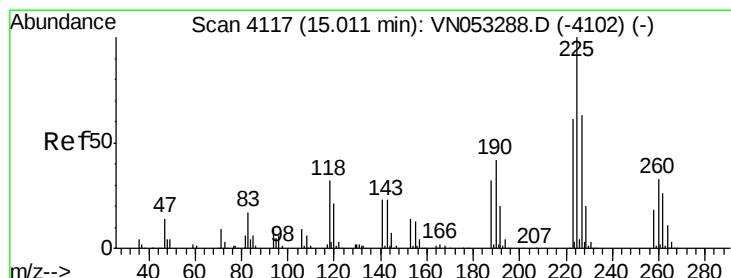
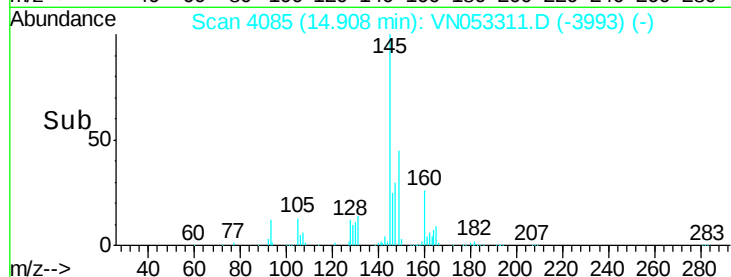
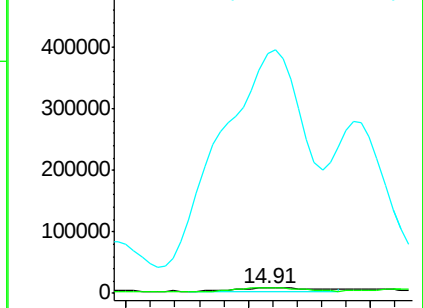
145 8330.6 14.4 43.0#



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: 0.734 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN053311.D

Acq: 8 Jan 2019 11:57

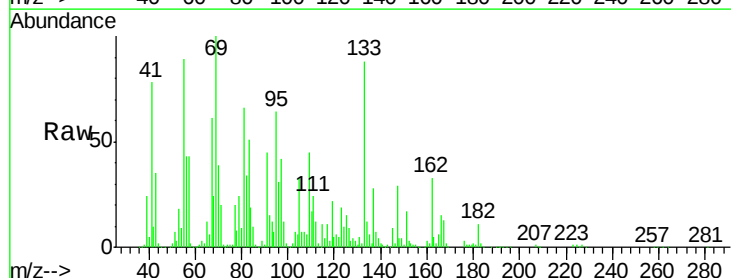
Tgt Ion:225 Resp: 4012

Ion Ratio Lower Upper

225 100

223 62.2 30.9 92.8

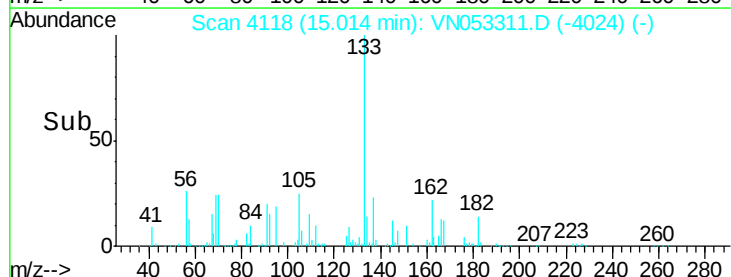
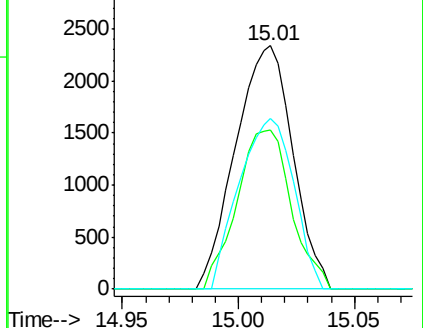
227 67.1 31.4 94.2

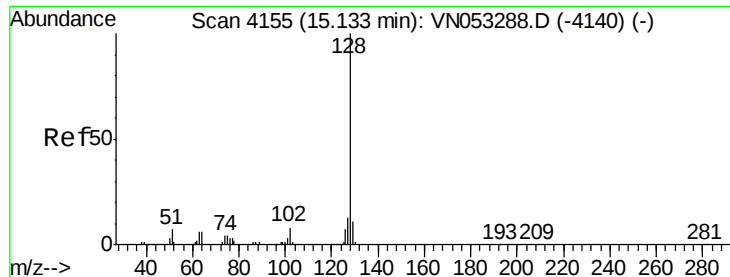


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

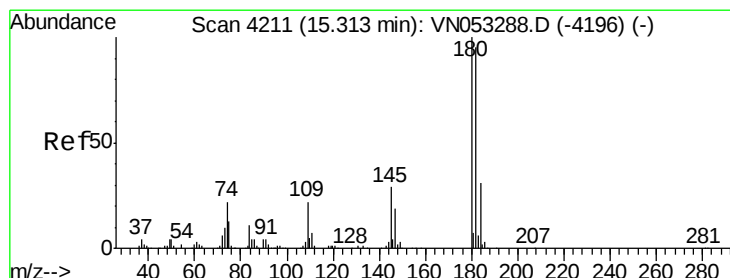
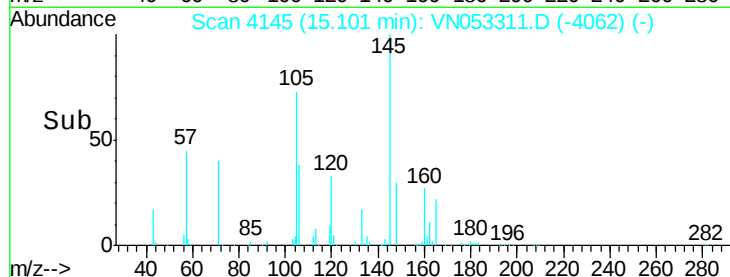
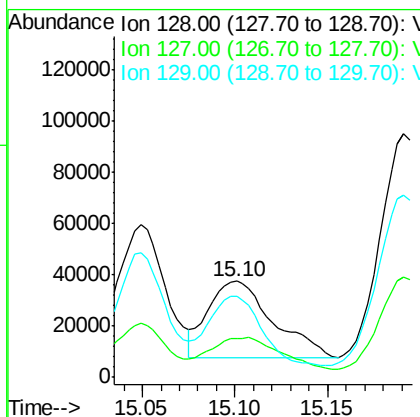
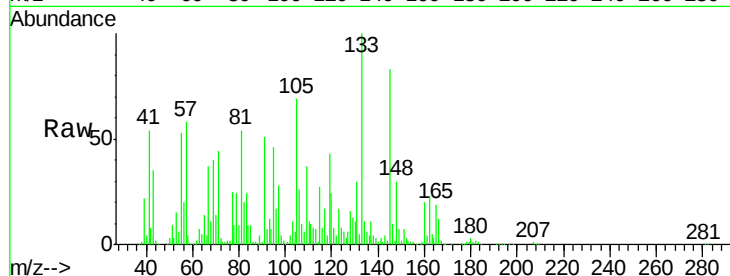




#95
Naphthalene
Concen: 6.357 ug/l
RT: 15.10 min Scan# 4145
Delta R.T. -0.03 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

Instrument :
MSVOA_N
ClientSampleId :
CPSB-16(10-15)ME

Tot Ion:128 Resp: 72458
Ion Ratio Lower Upper
128 100
127 42.6 10.4 15.6#
129 74.7 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 4.047 ug/l
RT: 15.28 min Scan# 4201
Delta R.T. -0.03 min
Lab File: VN053311.D
Acq: 8 Jan 2019 11:57

Tgt Ion:180 Resp: 17703
Ion Ratio Lower Upper
180 100
182 0.0 48.4 145.0#
145 1093.5 14.9 44.5#

