

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051117.D
 Acq On : 11 Sep 2018 11:05
 Operator : MD\SY
 Sample : J4849-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-B

Quant Time: Sep 12 01:01:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	660032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	999134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	918583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	425330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	380452	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.59	113	380863	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.09	98	1413061	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.40	95	476901	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	19481	1.85	ug/l	93
5) Bromomethane	2.57	94	3287	Below	Cal	91
10) Methyl Iodide	3.94	142	513	5.70	ug/l #	44
16) Acetone	3.83	43	7983	Below	Cal	93
17) Carbon Disulfide	4.06	76	4976	0.35	ug/l	100
18) Methyl Acetate	4.33	43	1908	0.32	ug/l #	89
20) Methylene Chloride	4.55	84	2802	0.35	ug/l	92
25) 2-Butanone	6.86	43	1477	0.51	ug/l #	71
28) Bromochloromethane	7.37	49	12760	2.12	ug/l #	7
30) Chloroform	7.37	83	197755	14.71	ug/l	95
31) Cyclohexane	7.66	56	12465	0.81	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	42091	3.84	ug/l #	48
37) Ethyl Acetate	6.86	43	1477	0.23	ug/l #	66
38) Carbon Tetrachloride	7.67	117	56452	5.23	ug/l #	16
39) Methylcyclohexane	9.08	83	9911	0.82	ug/l	94
43) Isopropyl Acetate	8.27	43	17383	1.55	ug/l #	50
44) Trichloroethene	8.84	130	3679	0.41	ug/l	92
47) Bromodichloromethane	9.40	83	4997	0.47	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	10741	1.47	ug/l #	19
56) Ethyl methacrylate	10.43	69	14968	3.90	ug/l #	32
59) 2-Hexanone	10.72	43	7719	1.84	ug/l #	24
64) Tetrachloroethene	10.63	164	4345	0.52	ug/l	90
67) Ethyl Benzene	11.51	91	480220	12.81	ug/l	100
68) m/p-Xylenes	11.62	106	350956	24.36	ug/l	100
69) o-Xylene	11.95	106	10452	0.75	ug/l	81
73) Isopropylbenzene	12.25	105	1393841	39.08	ug/l	100
74) N-amyl acetate	12.04	43	21594	2.41	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.47	83	9819	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.59	75	14372	0.71	ug/l #	100
78) n-propylbenzene	12.59	91	2717206	69.30	ug/l	99
79) 2-Chlorotoluene	12.69	91	128696	5.25	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	2133953	74.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.25	75	14062	6.28	ug/l #	45
82) 4-Chlorotoluene	12.73	91	209102	8.60	ug/l #	41

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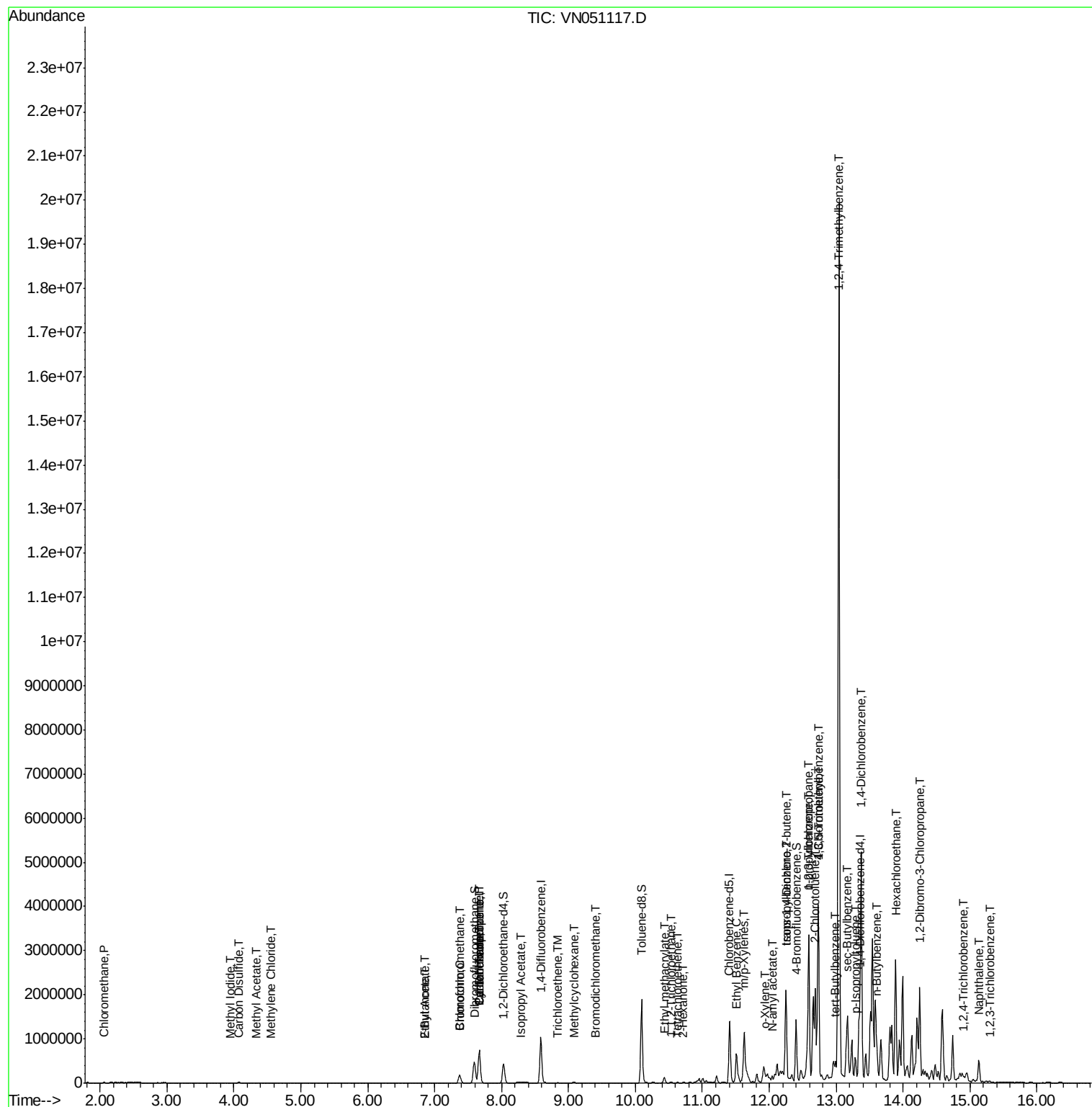
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	12.99	119	204253	8.02	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	11567721	407.96	ug/l	99
85) sec-Butylbenzene	13.17	105	947407	29.02	ug/l #	77
86) p-Isopropyltoluene	13.29	119	281359	10.16	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	4206	0.29	ug/l #	25
89) n-Butylbenzene	13.61	91	316353	14.68	ug/l #	78
90) Hexachloroethane	13.89	117	138581	27.21	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7085	6.40	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1561	4.17	ug/l #	1
94) Hexachlorobutadiene	15.01	225	725	Below	Cal #	57
95) Naphthalene	15.13	128	453900	30.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1861	3.19	ug/l #	82

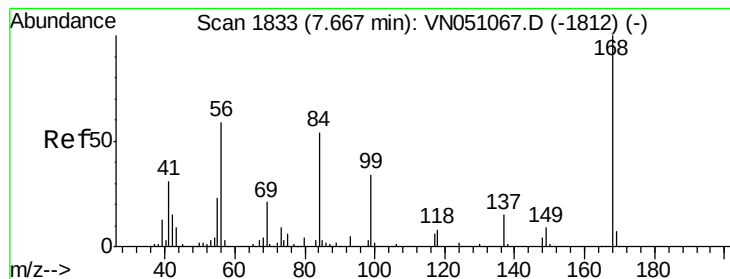
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampleId :

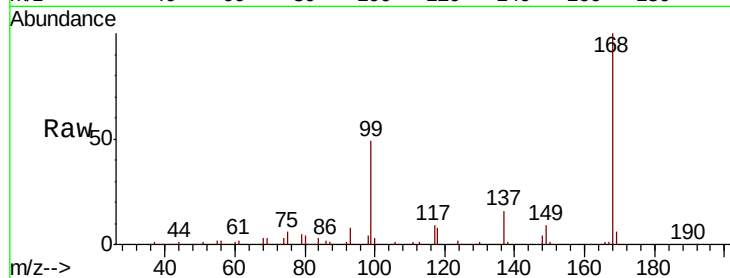
EP1-MW-B

Tot Ion:168 Resp: 660032

Ion Ratio Lower Upper

168 100

99 49.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

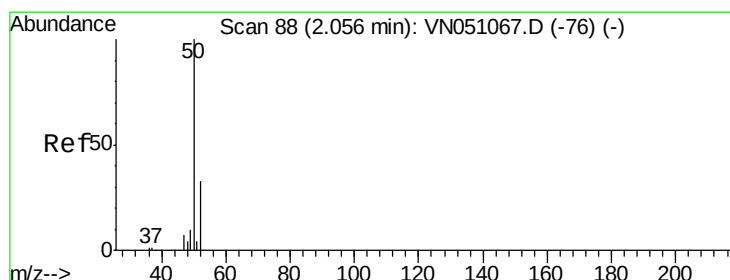
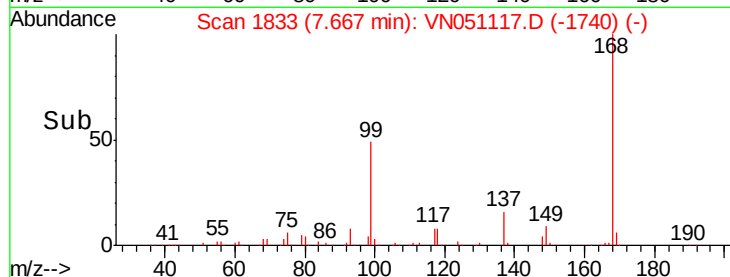
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.85 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051117.D

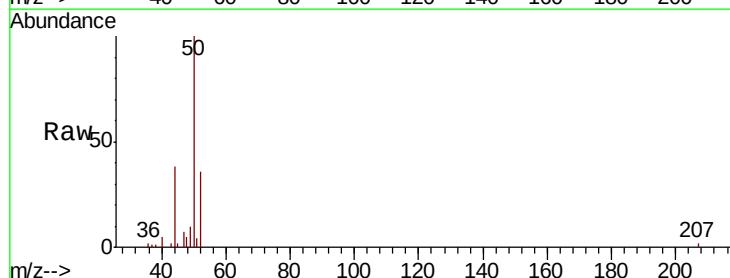
Acq: 11 Sep 2018 11:05

Tgt Ion: 50 Resp: 19481

Ion Ratio Lower Upper

50 100

52 36.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

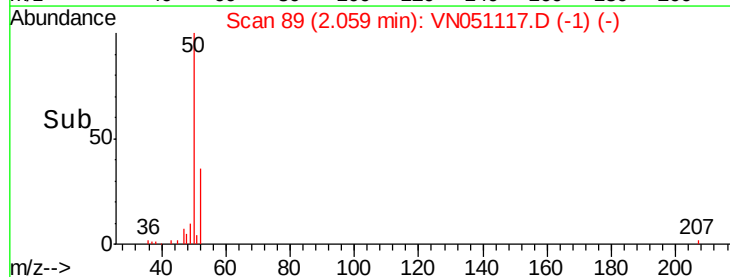
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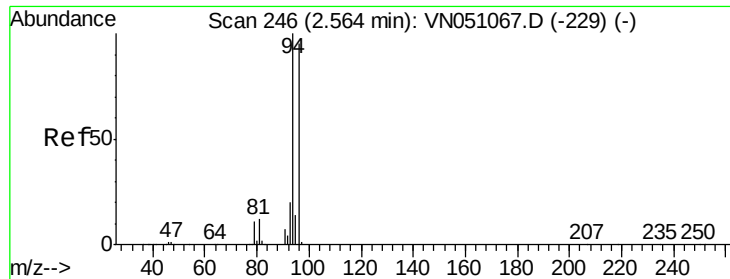
10000

5000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampled :

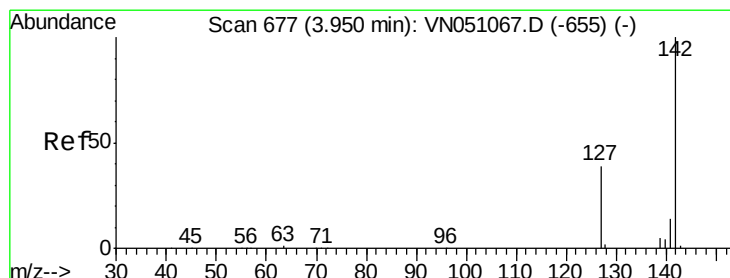
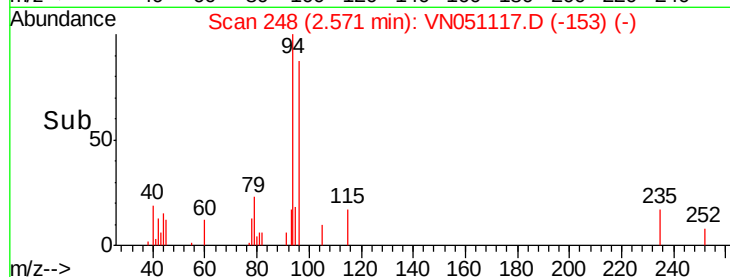
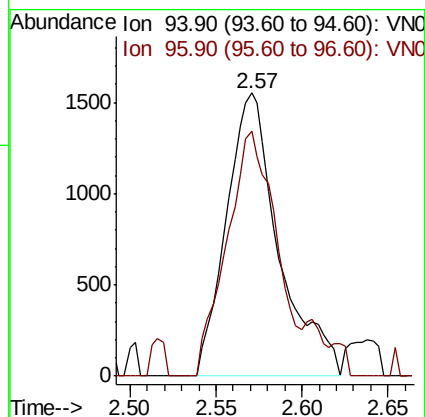
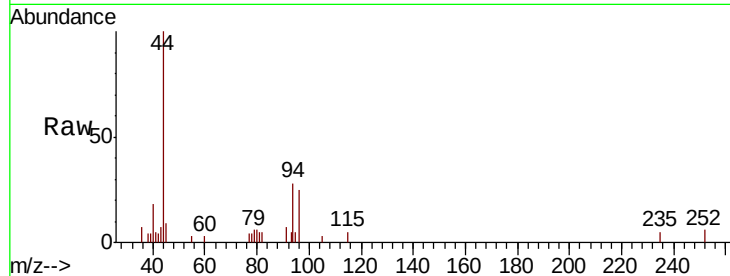
EP1-MW-B

Tot Ion: 94 Resp: 3287

Ion Ratio Lower Upper

94 100

96 86.6 75.9 113.9



#10

Methyl Iodide

Concen: 5.70 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

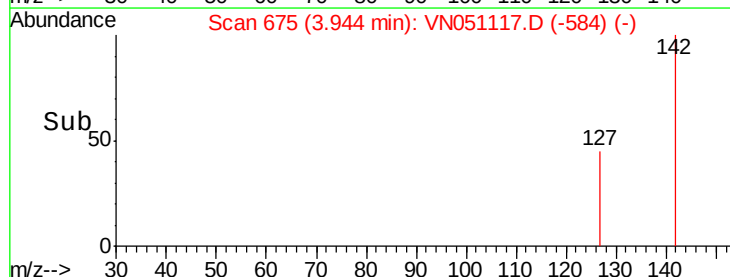
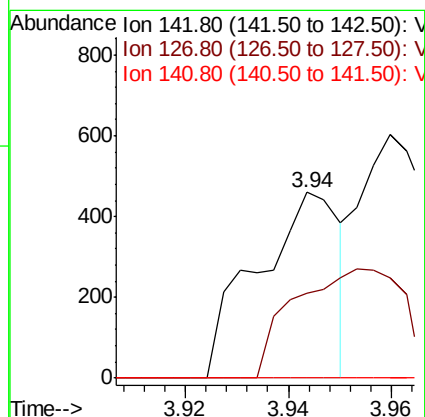
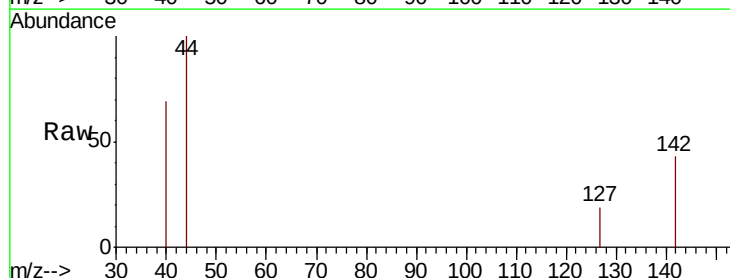
Tgt Ion: 142 Resp: 513

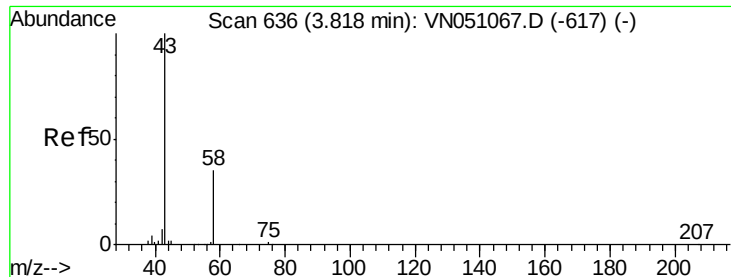
Ion Ratio Lower Upper

142 100

127 0.0 31.0 46.4#

141 0.0 11.3 16.9#

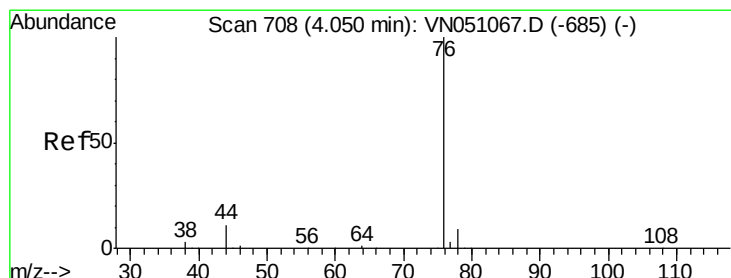
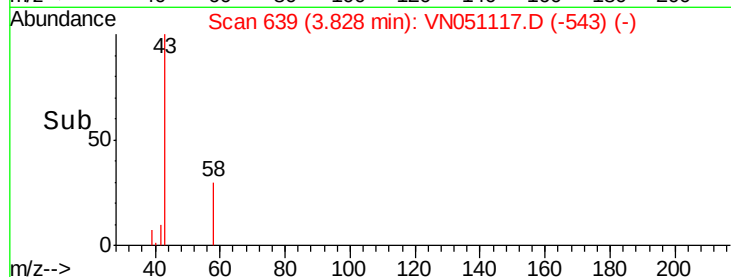
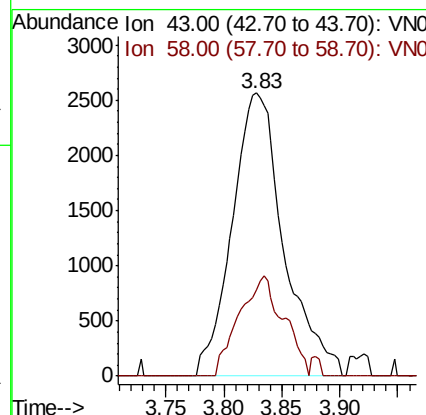
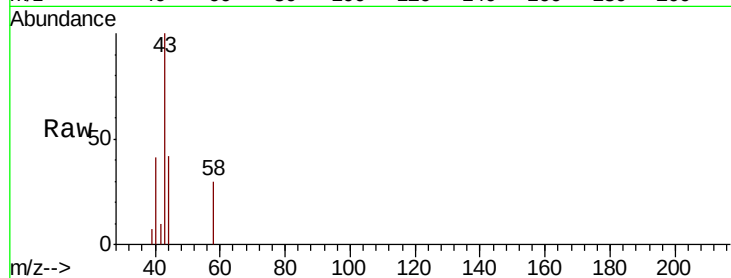




#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

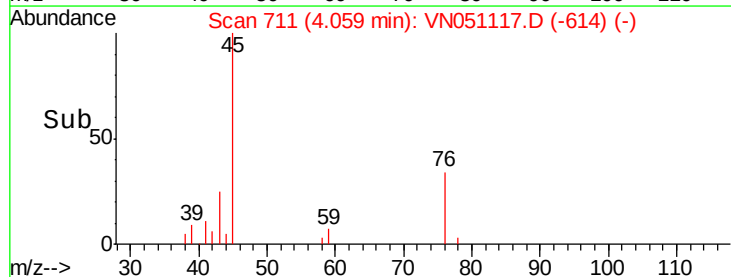
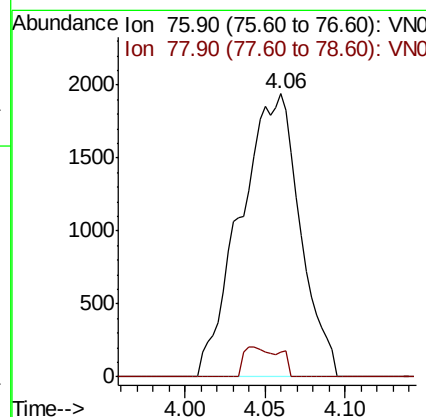
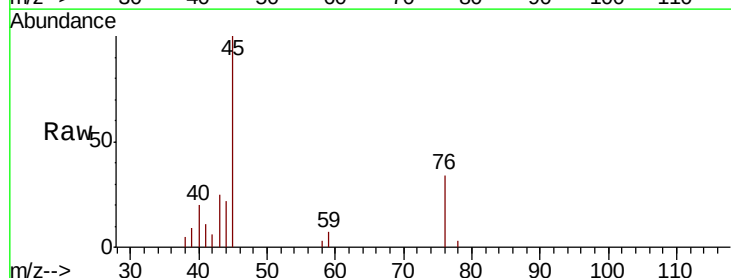
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-B

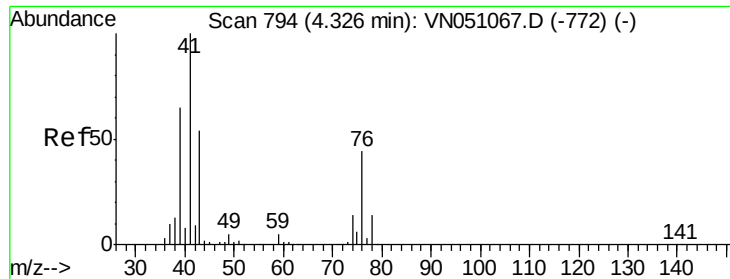
Tot Ion: 43 Resp: 7983
Ion Ratio Lower Upper
43 100
58 30.4 27.8 41.6



#17
Carbon Disulfide
Concen: 0.35 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.01 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

Tgt Ion: 76 Resp: 4976
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

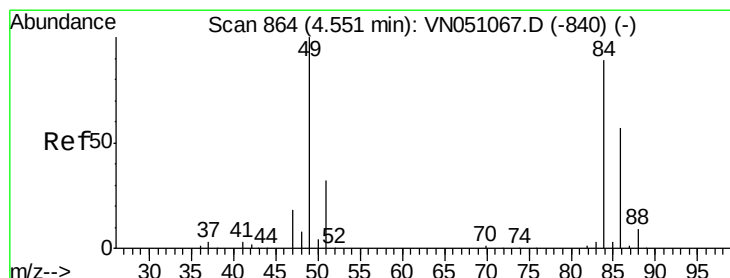
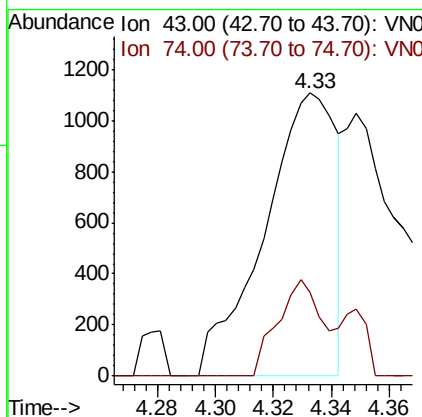
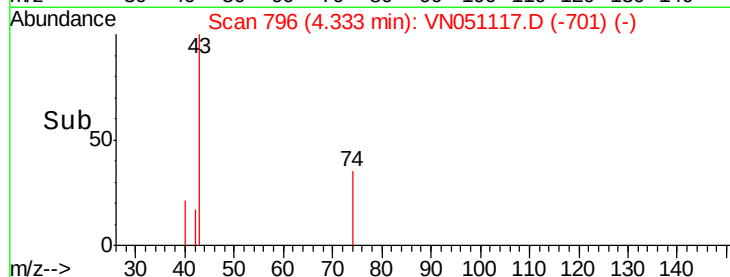
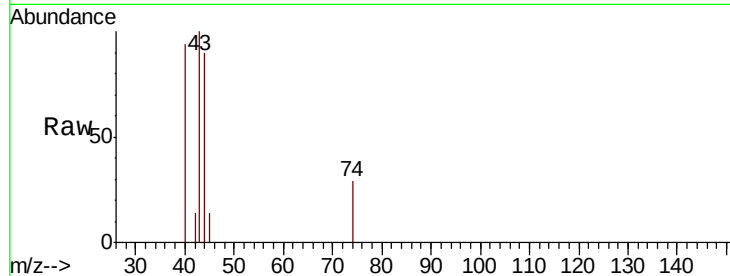




#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

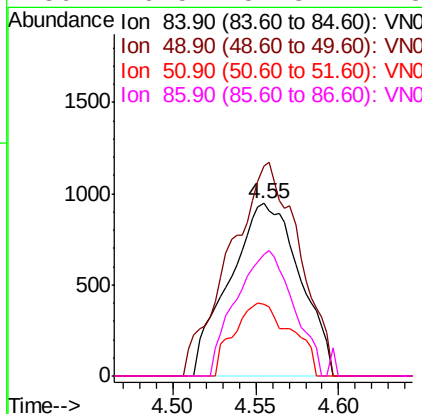
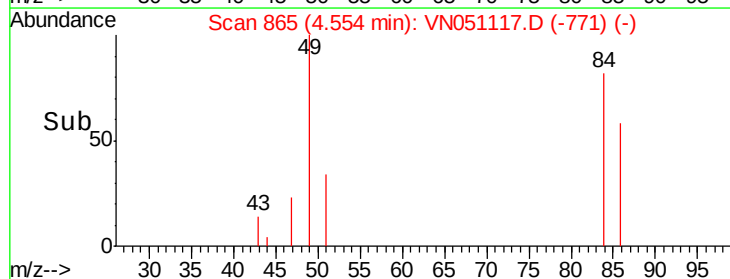
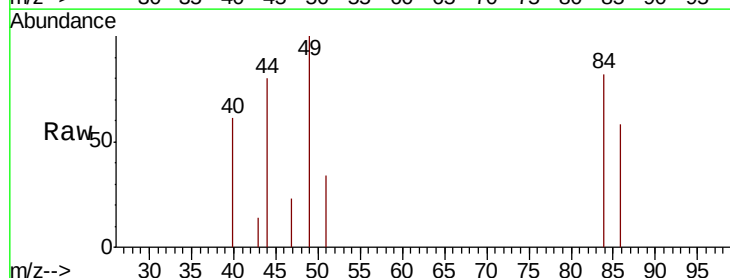
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-B

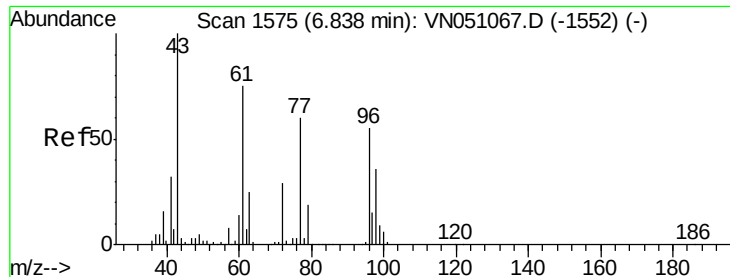
Tot Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
74 20.2 20.7 31.1#



#20
Methylene Chloride
Concen: 0.35 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

Tgt Ion: 84 Resp: 2802
Ion Ratio Lower Upper
84 100
49 121.7 90.2 135.2
51 41.7 28.4 42.6
86 70.5 51.8 77.8

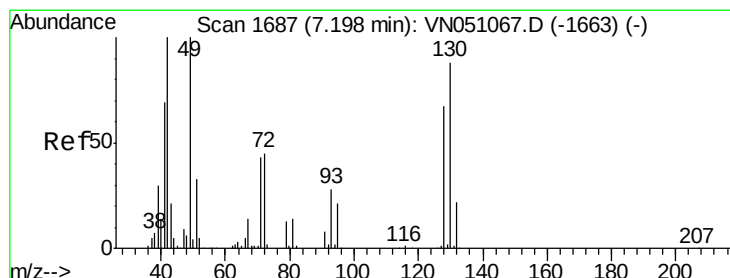
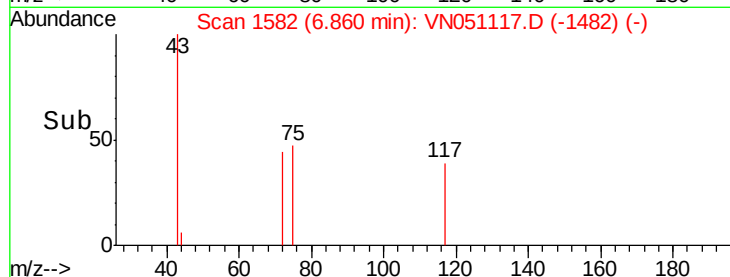
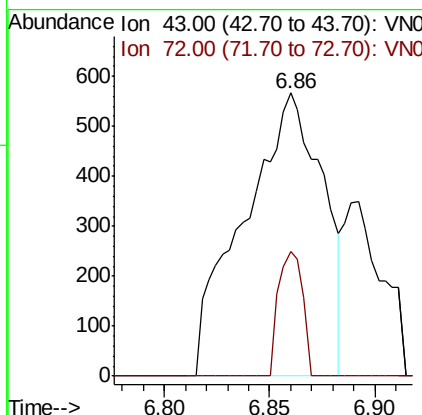
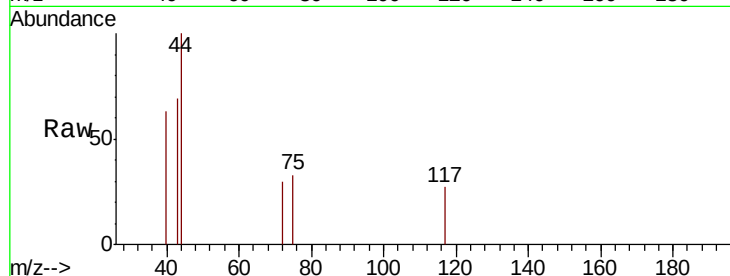




#25
 2-Butanone
 Concen: 0.51 ug/l
 RT: 6.86 min Scan# 1582
 Delta R.T. 0.02 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

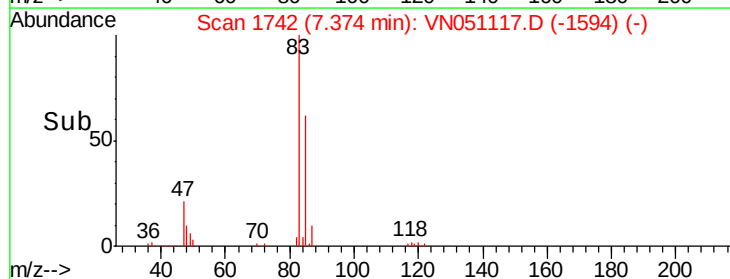
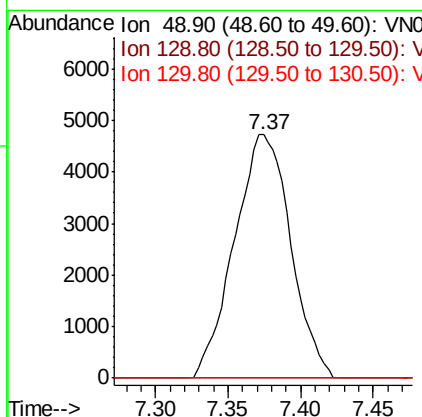
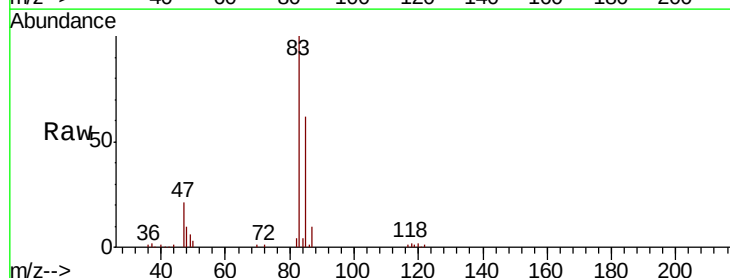
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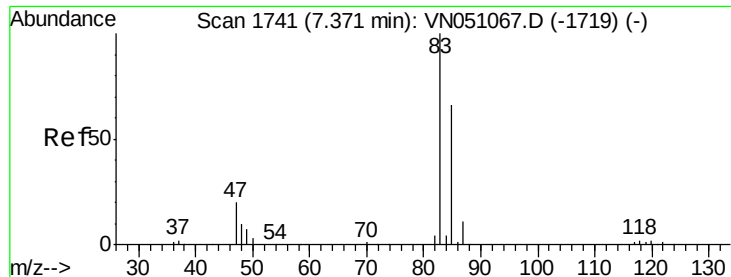
Tot Ion: 43 Resp: 1477
 Ion Ratio Lower Upper
 43 100
 72 44.1 23.0 34.6#



#28
 Bromochloromethane
 Concen: 2.12 ug/l
 RT: 7.37 min Scan# 1742
 Delta R.T. 0.18 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

Tgt Ion: 49 Resp: 12760
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.4
 130 0.0 70.7 106.1#

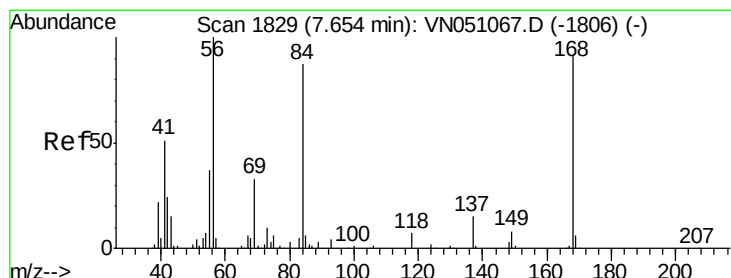
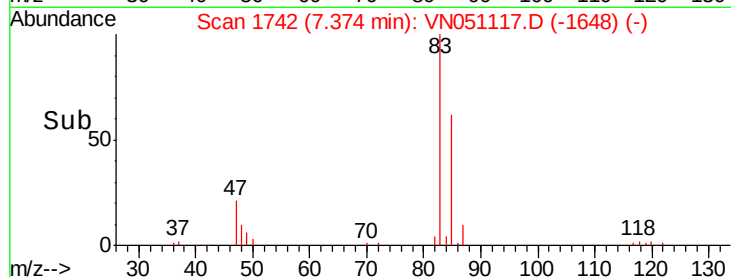
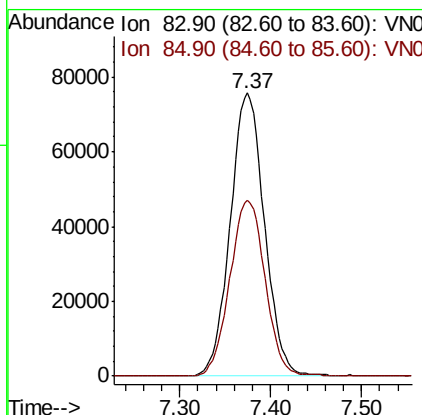
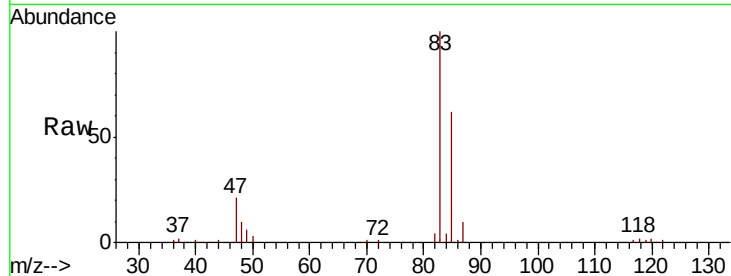




#30
Chloroform
Concen: 14.71 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

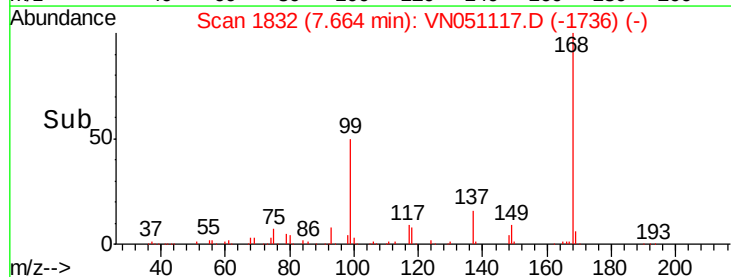
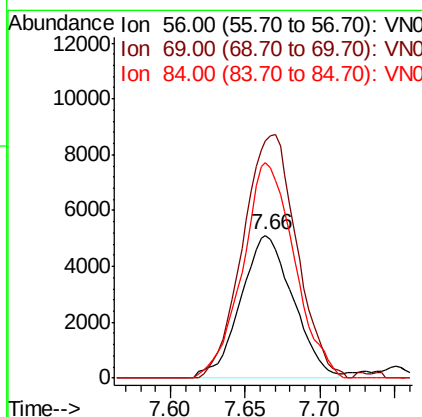
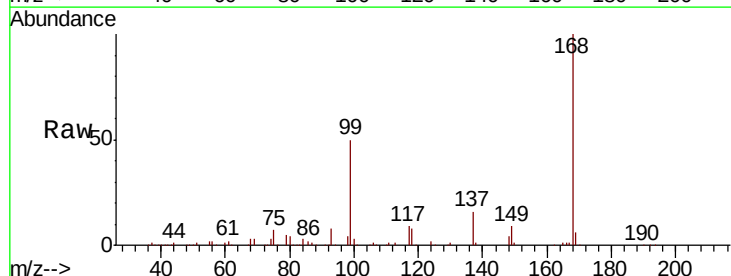
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ClientSampleId :
EP1-MW-B

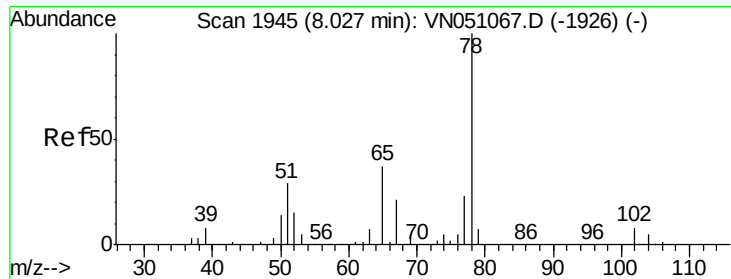
Tot Ion: 83 Resp: 197755
Ion Ratio Lower Upper
83 100
85 62.2 52.6 79.0



#31
Cyclohexane
Concen: 0.81 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

Tgt Ion: 56 Resp: 12465
Ion Ratio Lower Upper
56 100
69 166.1 26.3 39.5#
84 151.2 69.4 104.0#

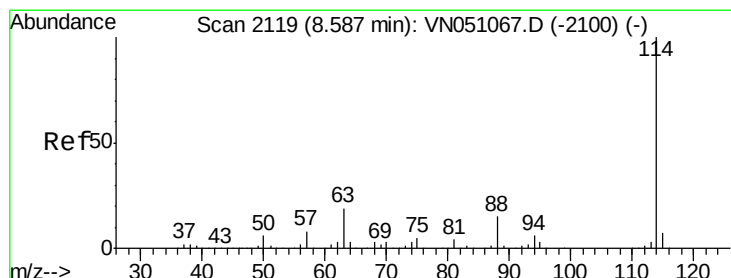
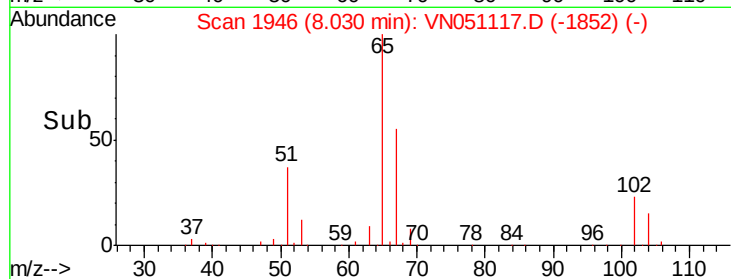
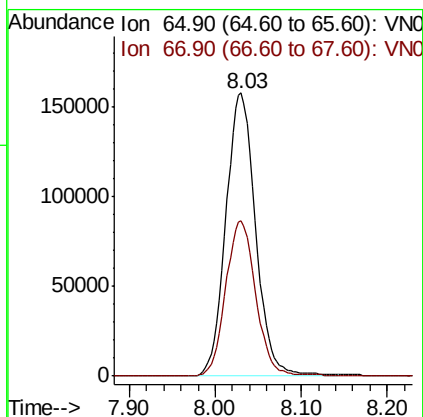
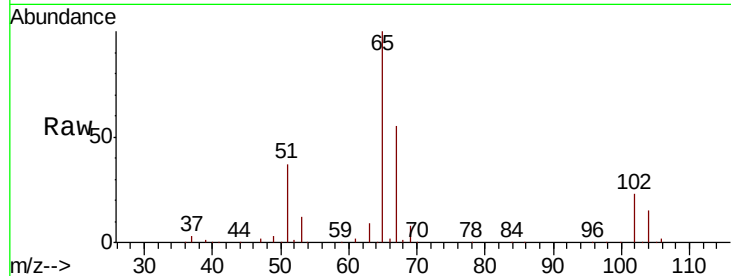




#33
 1,2-Dichloroethane-d4
 Concen: 51.80 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

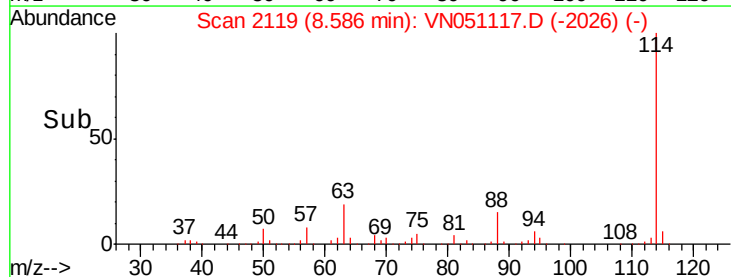
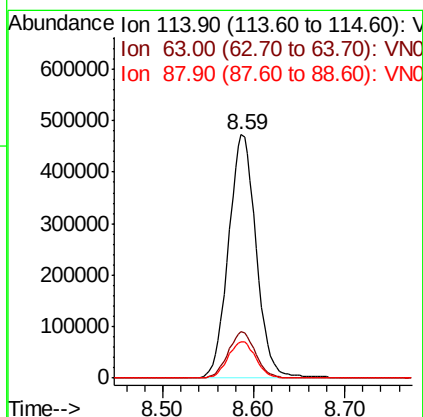
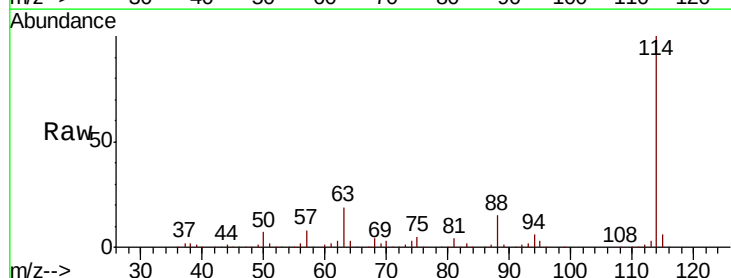
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-B

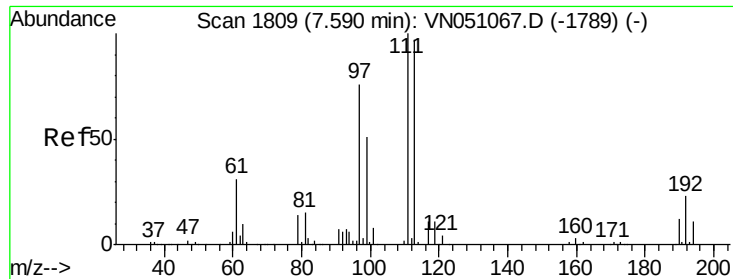
Tot Ion: 65 Resp: 380452
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

Tgt Ion: 114 Resp: 999134
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.0 0.0 30.8

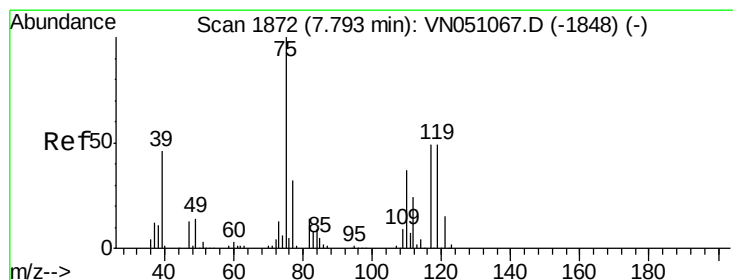
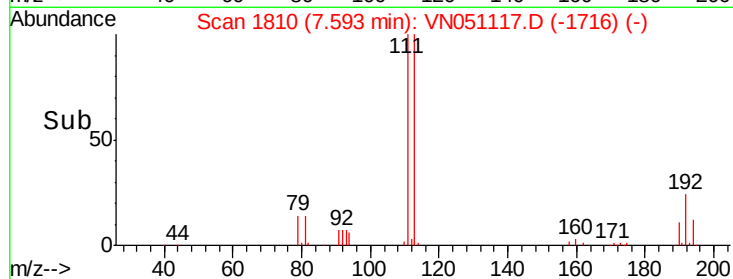
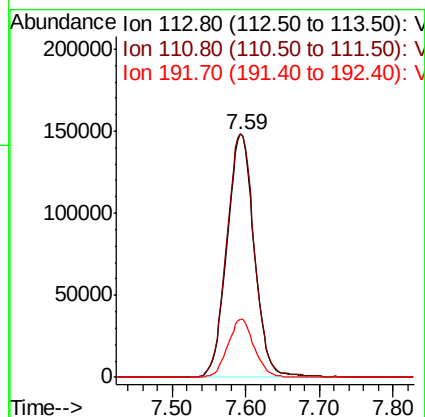
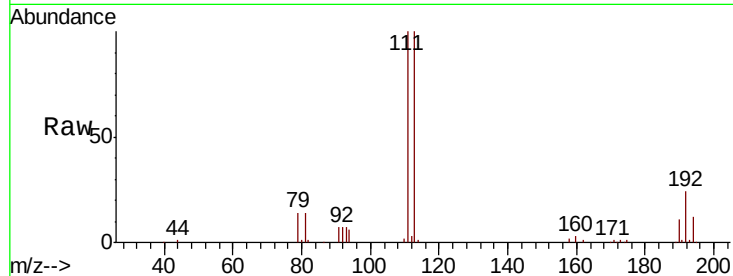




#35
 Dibromofluoromethane
 Concen: 50.73 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

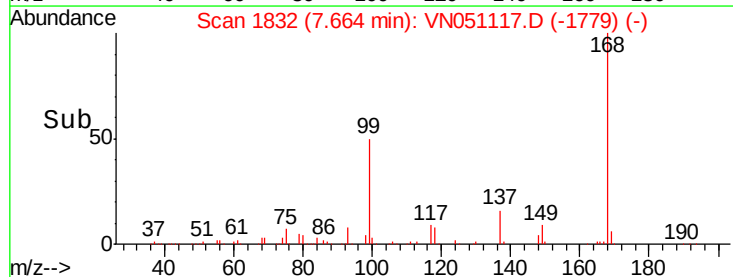
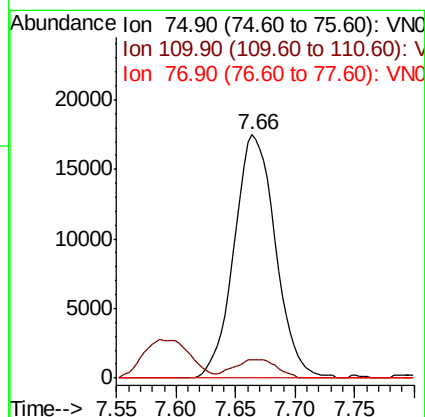
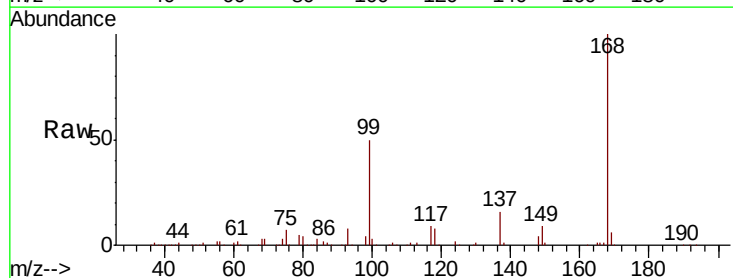
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-B

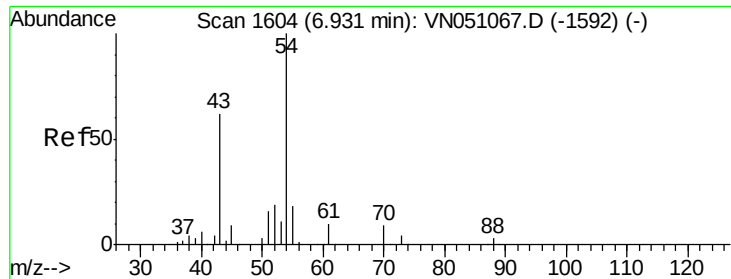
Tot Ion:113 Resp: 380863
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.0 124.6
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 3.84 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

Tgt Ion: 75 Resp: 42091
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.6 55.8#
 77 0.0 25.2 37.8#

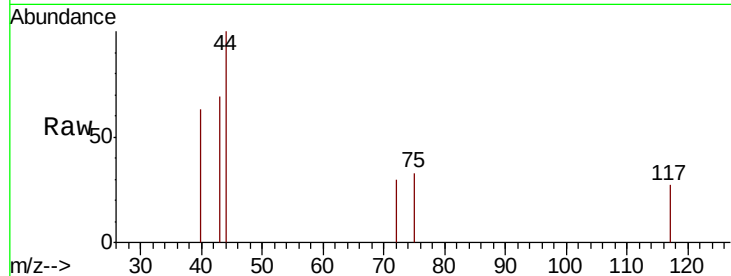




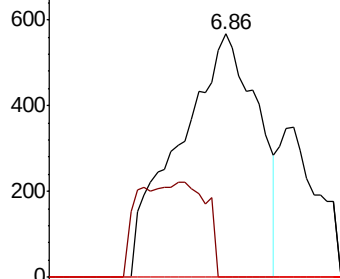
#37
Ethyl Acetate
Concen: 0.23 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. -0.07 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-B

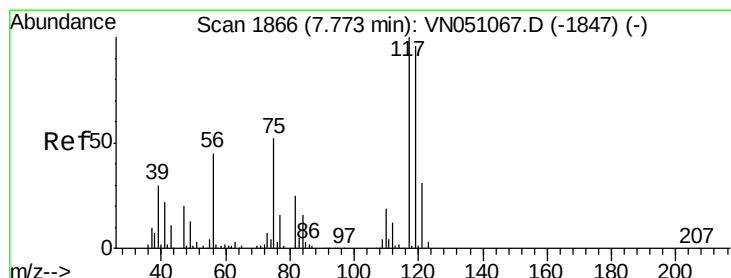
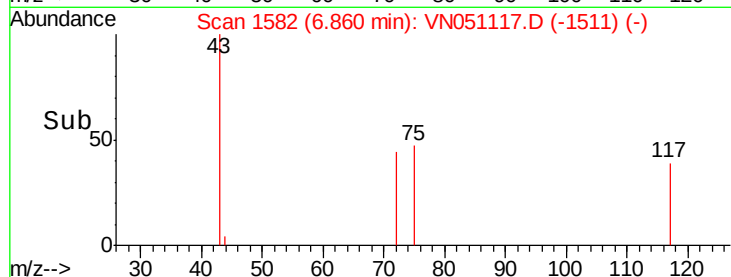
Tot Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
61 0.0 12.4 18.6#
70 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

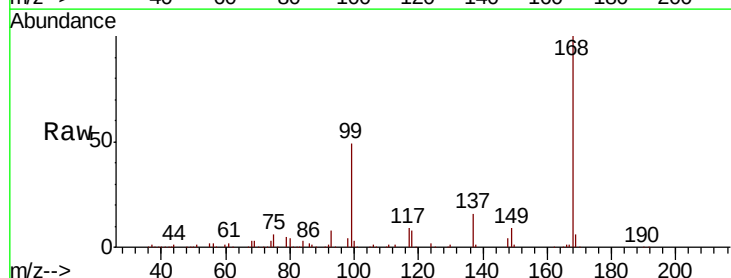


Time-->

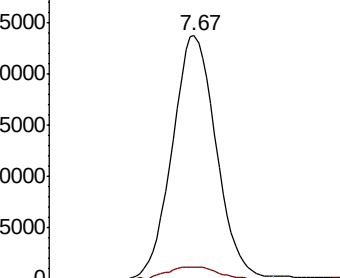


#38
Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

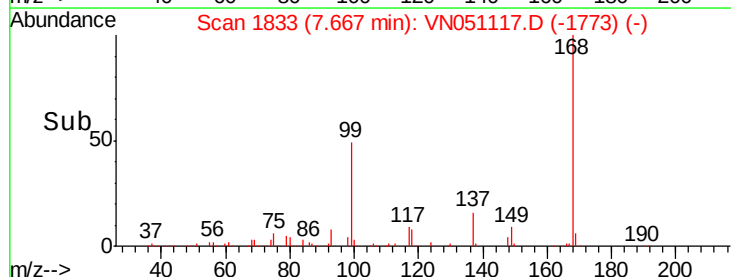
Tgt Ion: 117 Resp: 56452
Ion Ratio Lower Upper
117 100
119 5.2 76.8 115.2#
121 0.0 24.6 36.8#

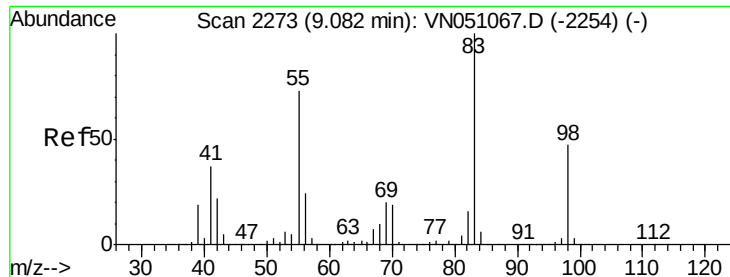


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



Time-->

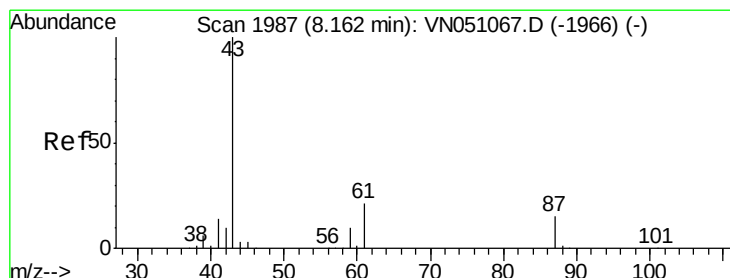
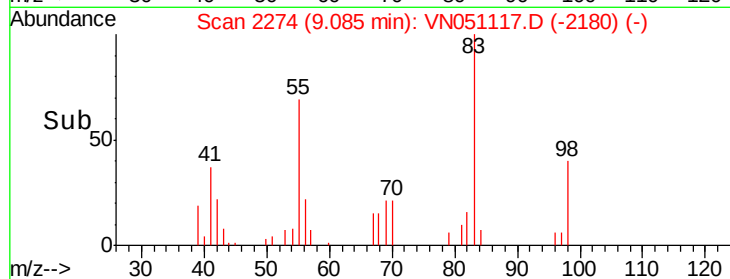
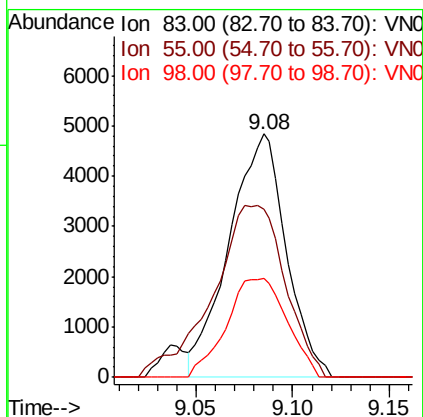
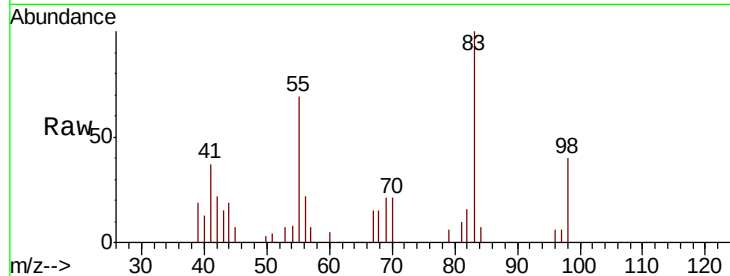




#39
Methvlcvclohexane
Concen: 0.82 ug/l
RT: 9.08 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

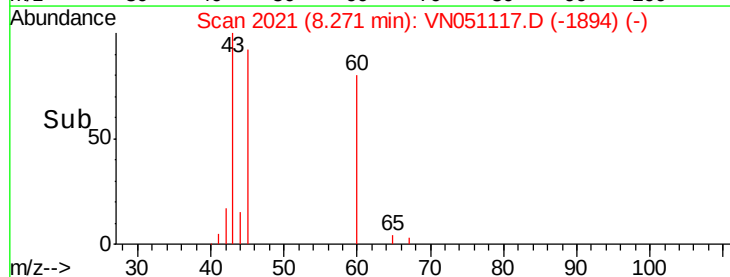
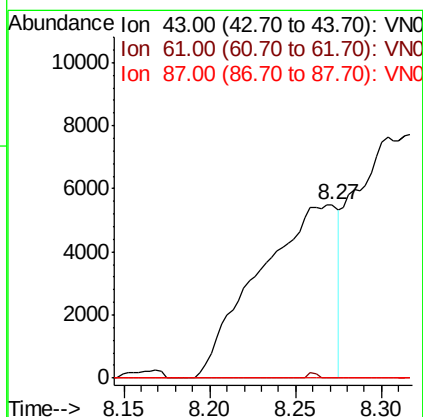
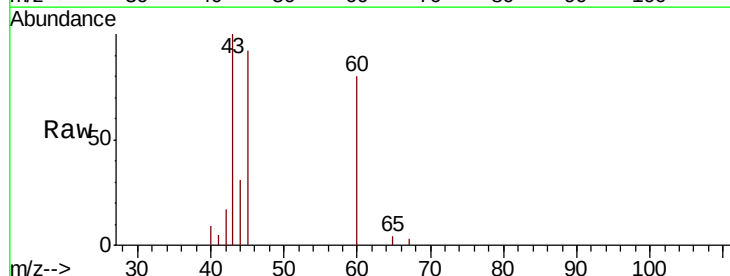
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-B

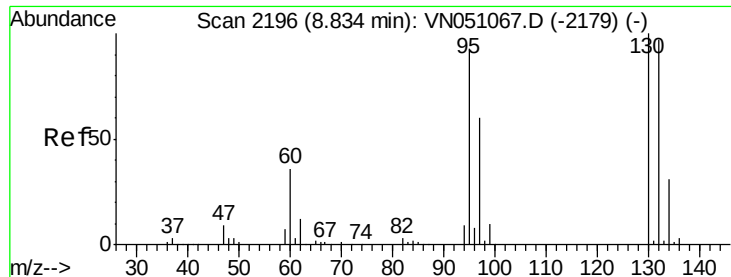
Tot Ion: 83 Resp: 9911
Ion Ratio Lower Upper
83 100
55 69.3 58.4 87.6
98 40.4 37.3 55.9



#43
Isopropyl Acetate
Concen: 1.55 ug/l
RT: 8.27 min Scan# 2021
Delta R.T. 0.11 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

Tgt Ion: 43 Resp: 17383
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 11.8 17.8#





#44

Trichloroethene

Concen: 0.41 ug/l

RT: 8.84 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampleId :

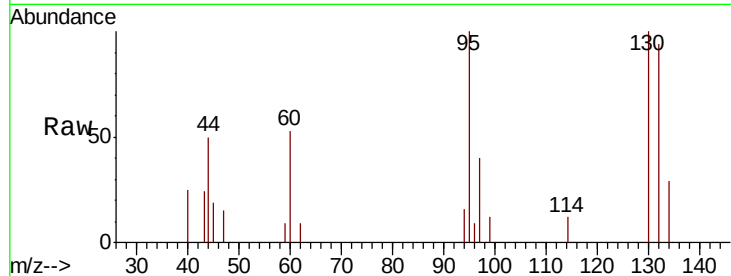
EP1-MW-B

Tot Ion:130 Resp: 3679

Ion Ratio Lower Upper

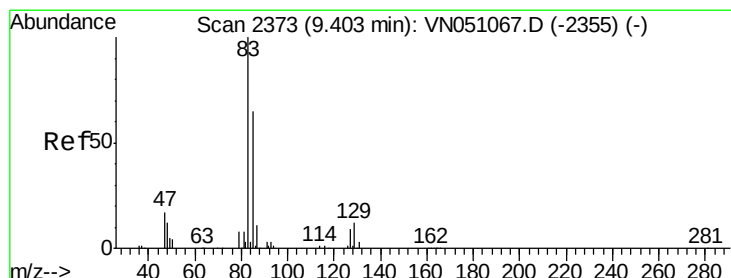
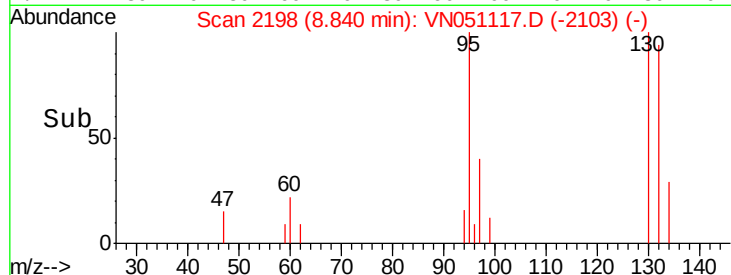
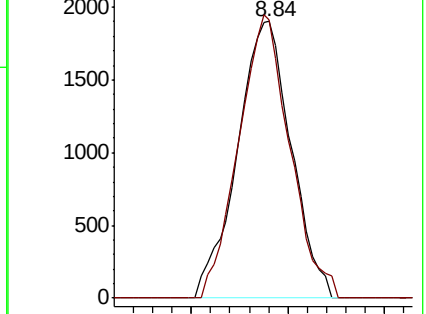
130 100

95 100.4 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#47

Bromodichloromethane

Concen: 0.47 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

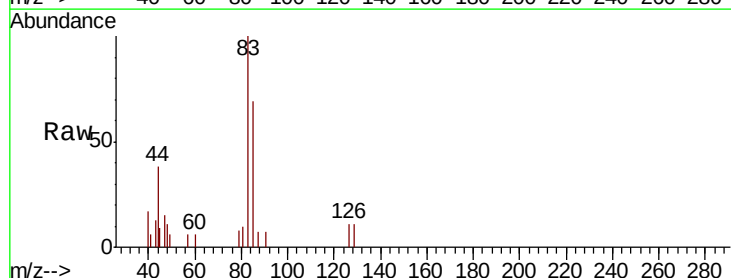
Tgt Ion: 83 Resp: 4997

Ion Ratio Lower Upper

83 100

85 68.9 52.3 78.5

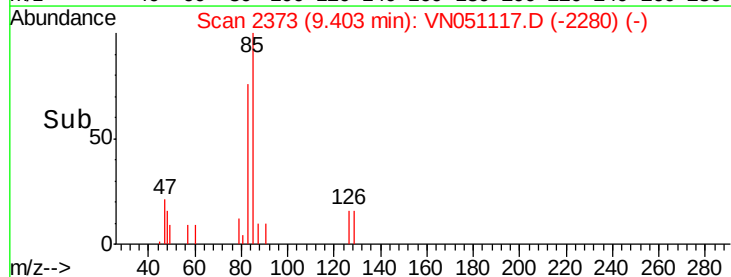
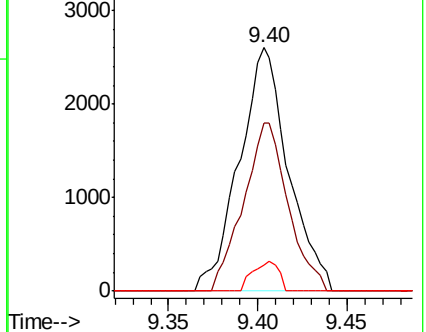
127 10.9 7.5 11.3

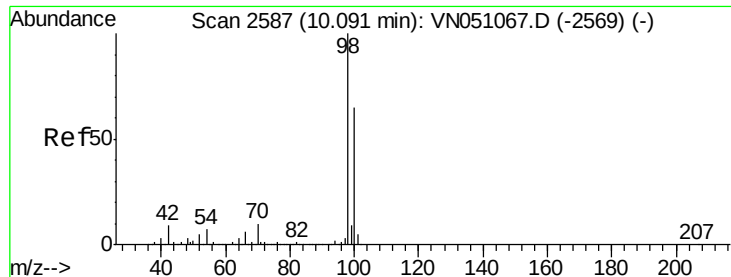


Abundance Ion 82.90 (82.60 to 83.60): VN

Ion 84.90 (84.60 to 85.60): VN

Ion 126.80 (126.50 to 127.50): V

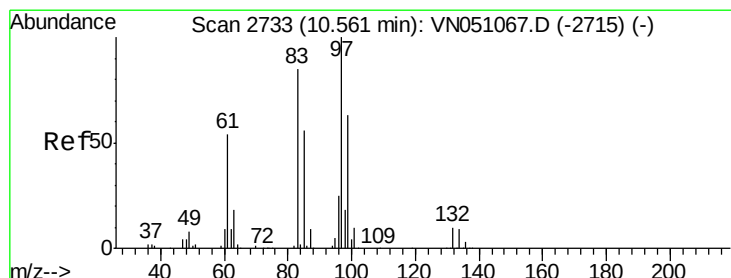
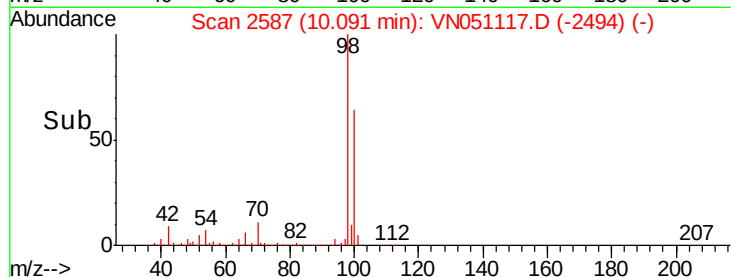
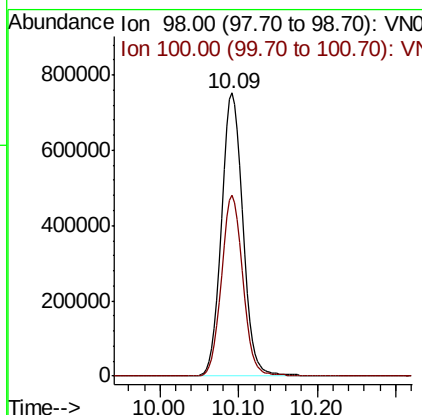
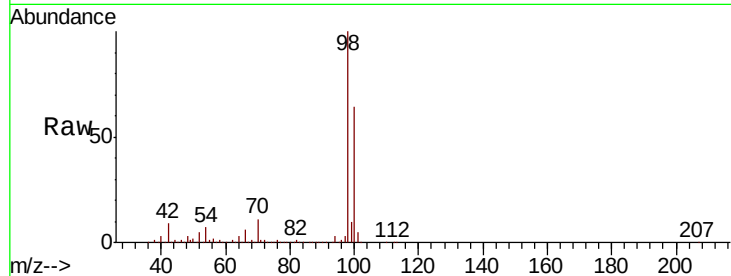




#50
Toluene-d8
Concen: 49.60 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

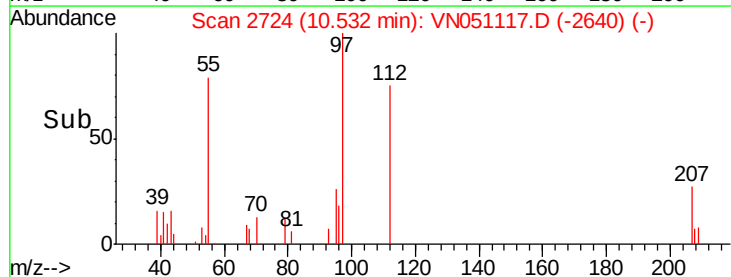
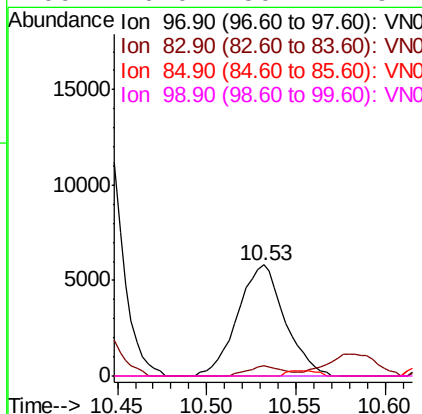
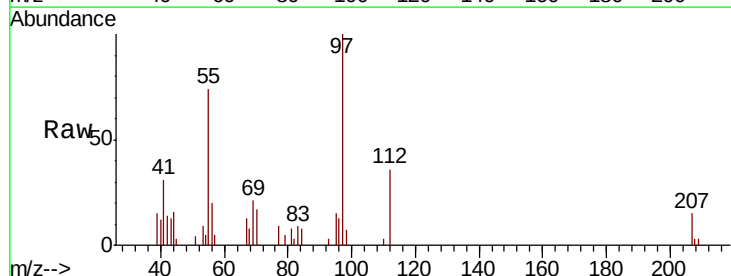
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-B

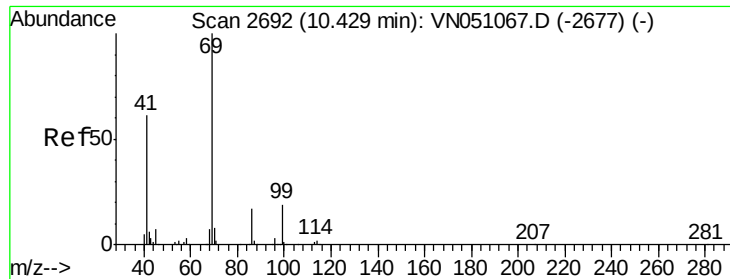
Tot Ion: 98 Resp: 1413061
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#55
1,1,2-Trichloroethane
Concen: 1.47 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.03 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

Tgt Ion: 97 Resp: 10741
Ion Ratio Lower Upper
97 100
83 9.5 68.2 102.2#
85 0.0 44.8 67.2#
99 0.0 50.2 75.4#





#56

Ethyl methacrylate

Concen: 3.90 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-B

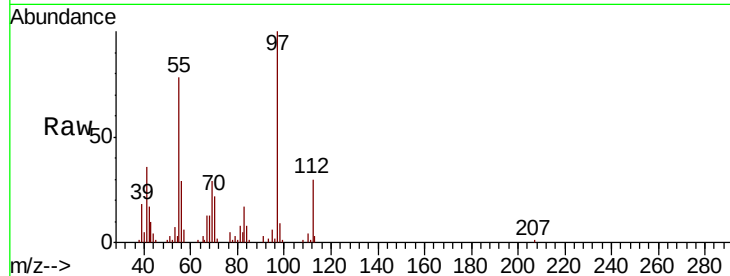
Tot Ion: 69 Resp: 14968

Ion Ratio Lower Upper

69 100

41 117.1 47.8 71.8#

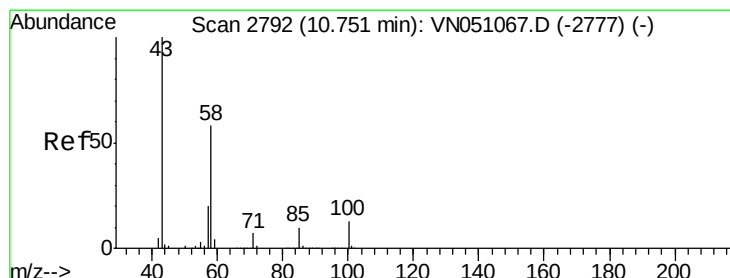
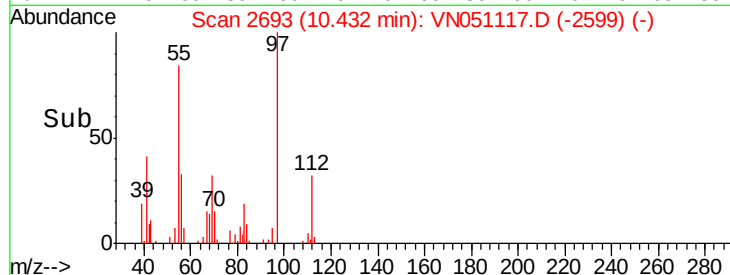
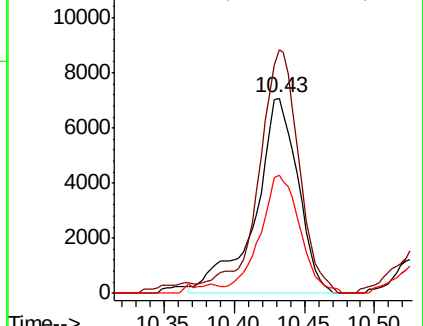
39 56.5 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN051117.D (-2699) (-)

Ion 41.00 (40.70 to 41.70): VN051117.D (-2699) (-)

Ion 39.00 (38.70 to 39.70): VN051117.D (-2699) (-)



#59

2-Hexanone

Concen: 1.84 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN051117.D

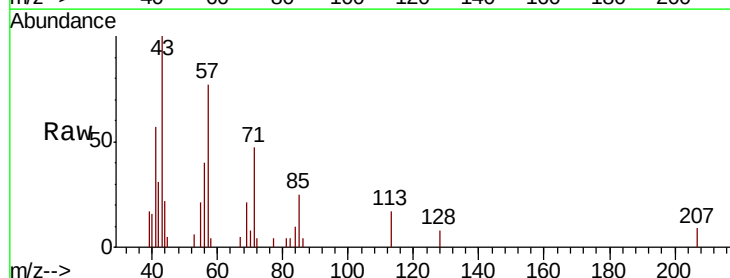
Acq: 11 Sep 2018 11:05

Tgt Ion: 43 Resp: 7719

Ion Ratio Lower Upper

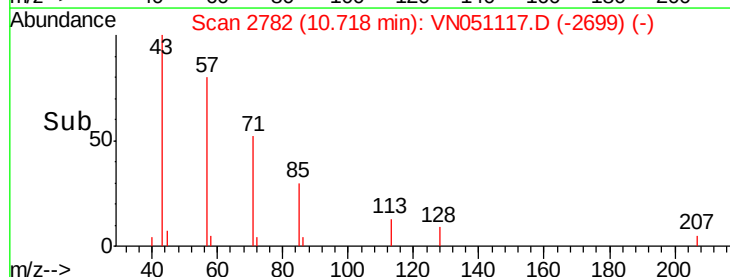
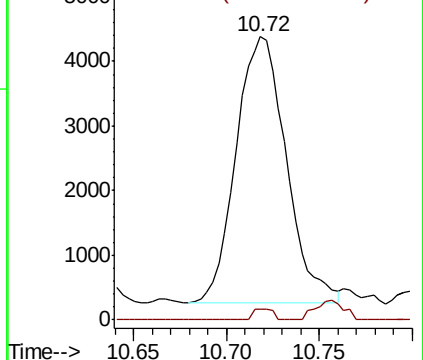
43 100

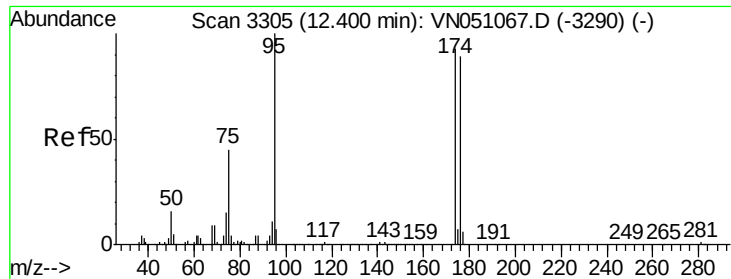
58 1.6 29.3 88.0#



Abundance Ion 43.00 (42.70 to 43.70): VN051117.D (-2699) (-)

Ion 58.00 (57.70 to 58.70): VN051117.D (-2699) (-)

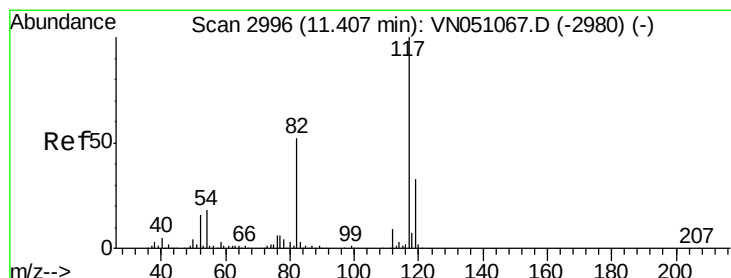
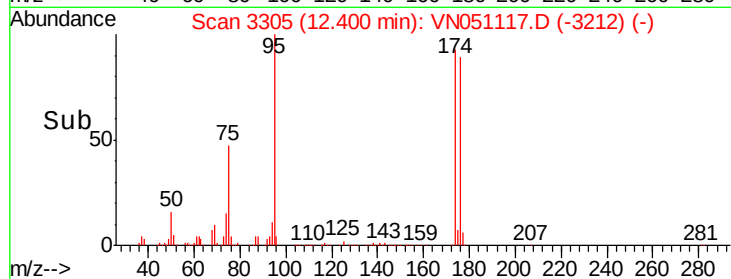
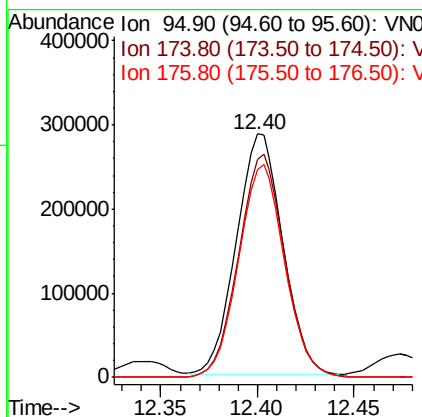
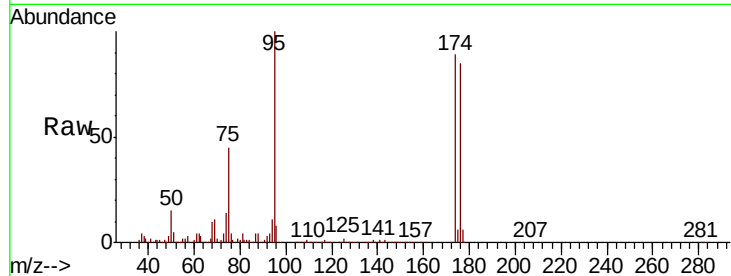




#62
4-Bromofluorobenzene
Concen: 50.61 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

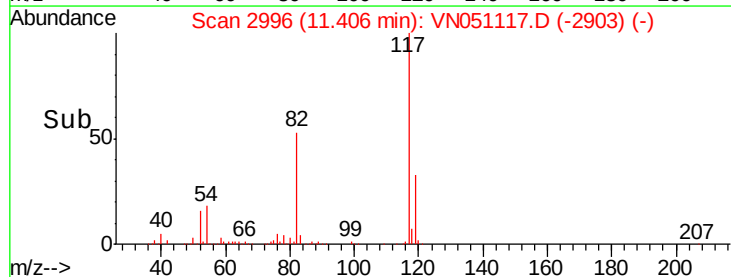
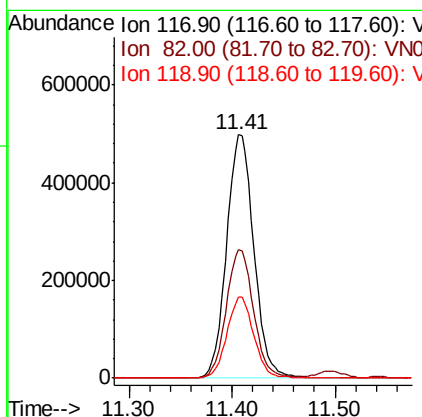
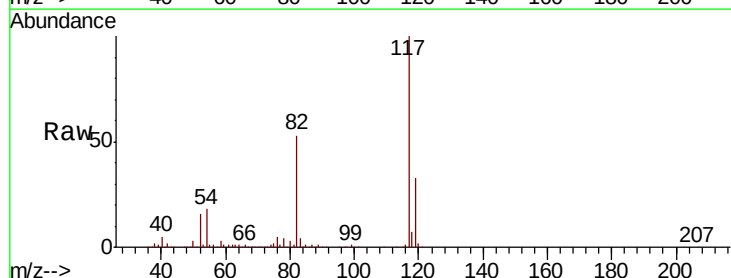
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-B

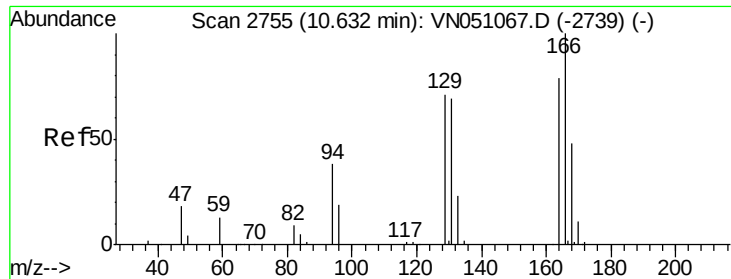
Tot Ion: 95 Resp: 476901
Ion Ratio Lower Upper
95 100
174 92.3 0.0 184.8
176 88.1 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

Tgt Ion: 117 Resp: 918583
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.6
119 33.4 26.2 39.2





#64

Tetrachloroethene

Concen: 0.52 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-B

Tot Ion:164 Resp: 4345

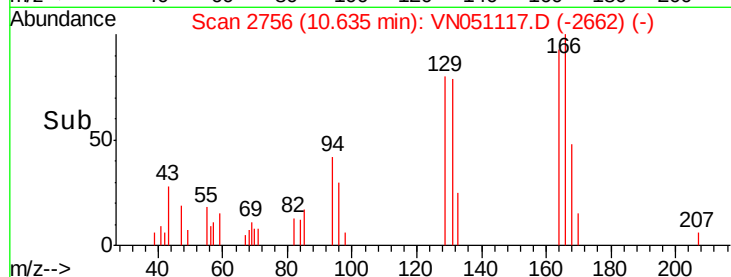
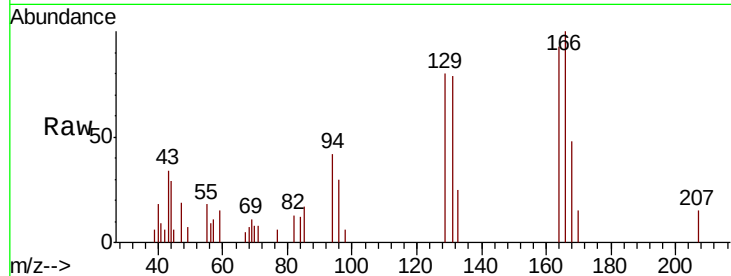
Ion Ratio Lower Upper

164 100

166 107.0 101.3 151.9

129 85.6 72.2 108.2

131 84.6 70.2 105.2

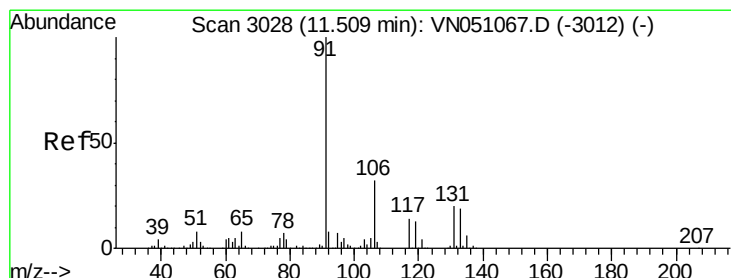
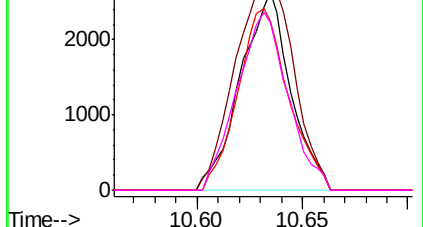


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 12.81 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051117.D

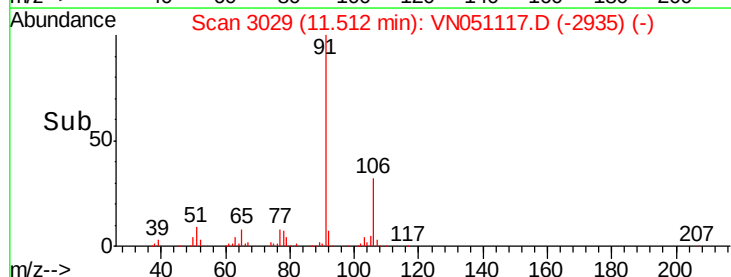
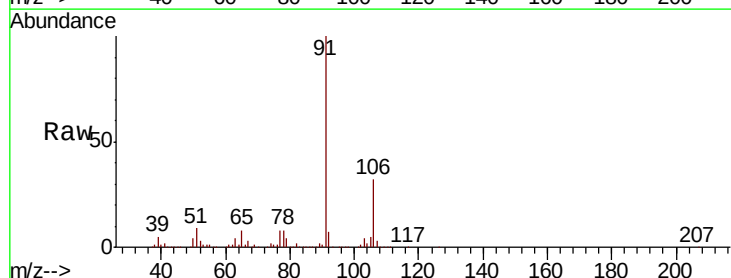
Acq: 11 Sep 2018 11:05

Tgt Ion: 91 Resp: 480220

Ion Ratio Lower Upper

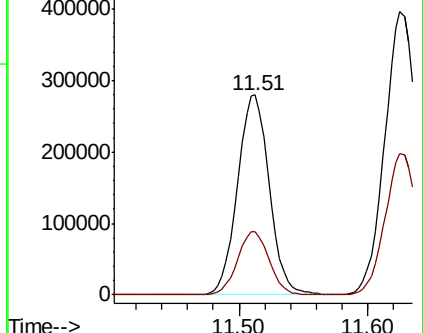
91 100

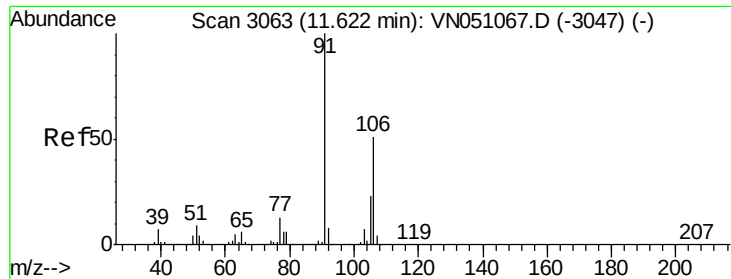
106 31.7 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

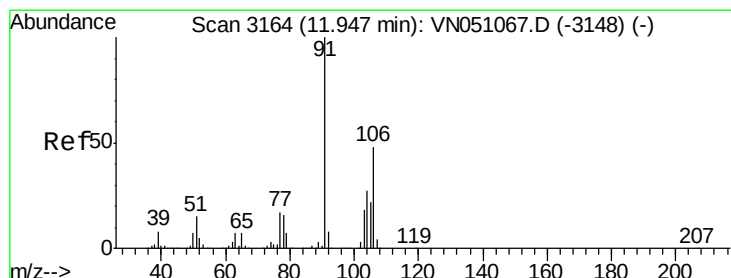
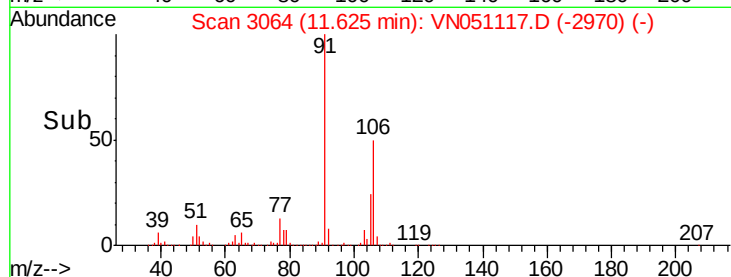
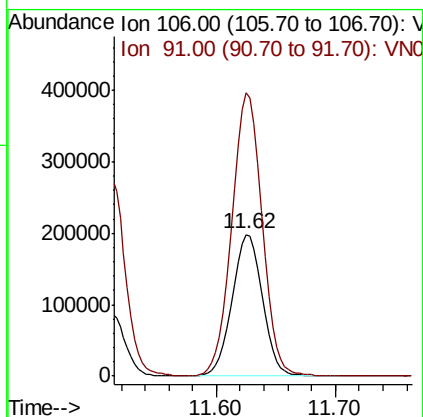
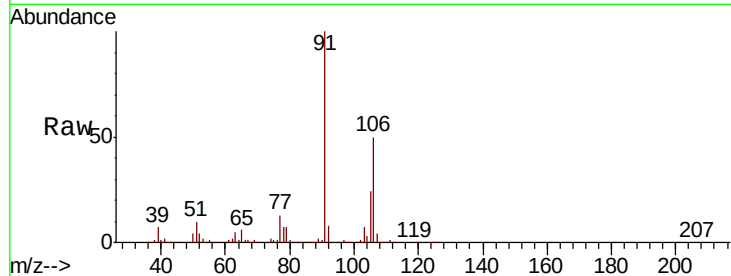




#68
m/p-Xylenes
Concen: 24.36 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

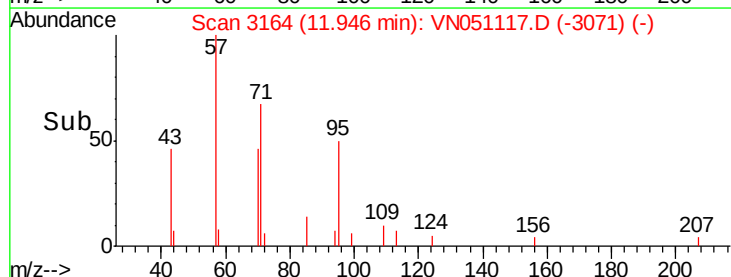
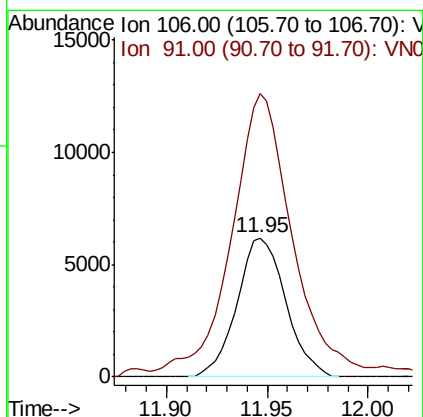
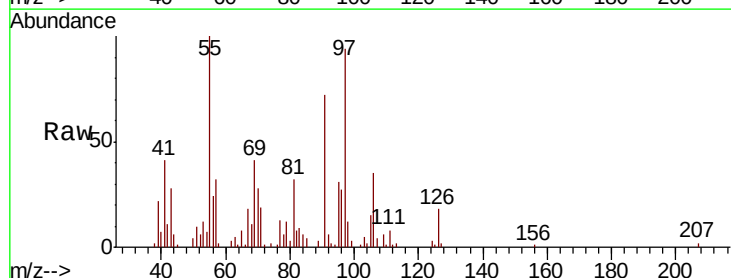
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-B

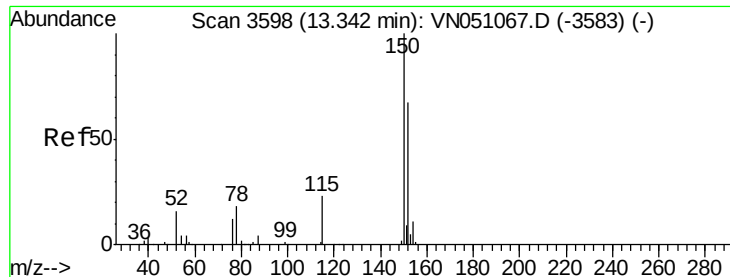
Tot Ion:106 Resp: 350956
Ion Ratio Lower Upper
106 100
91 199.7 159.8 239.6



#69
o-Xylene
Concen: 0.75 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

Tgt Ion:106 Resp: 10452
Ion Ratio Lower Upper
106 100
91 239.5 105.1 315.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-B

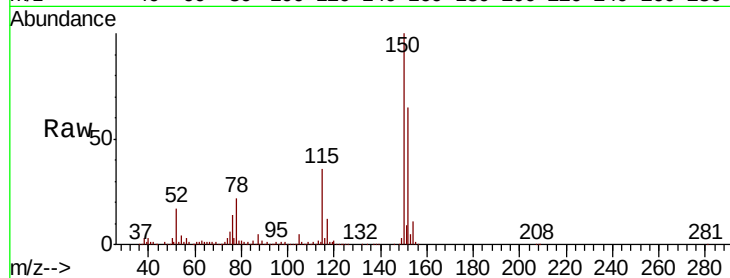
Tot Ion:152 Resp: 425330

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

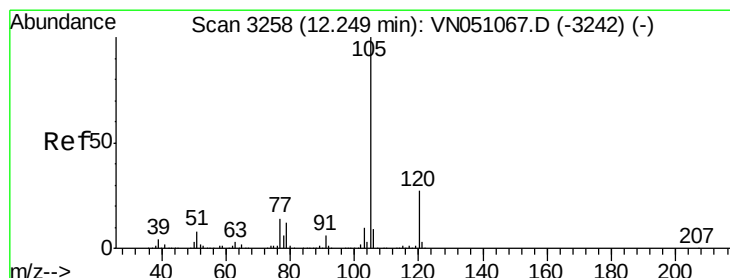
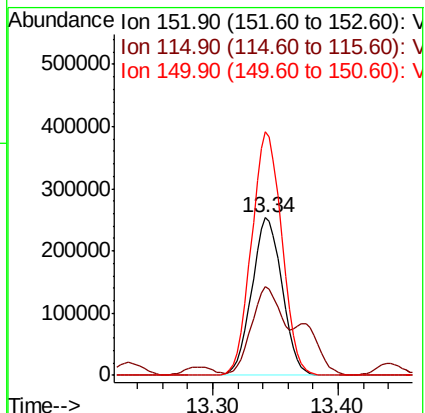
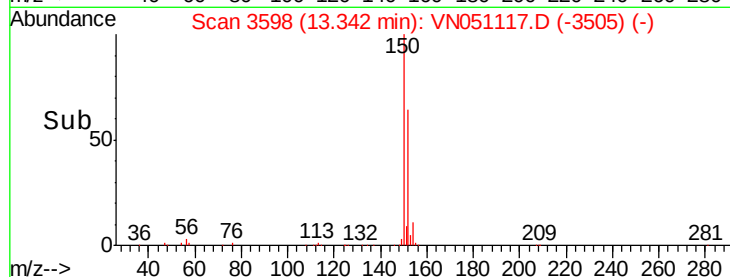
150 153.8 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 39.08 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051117.D

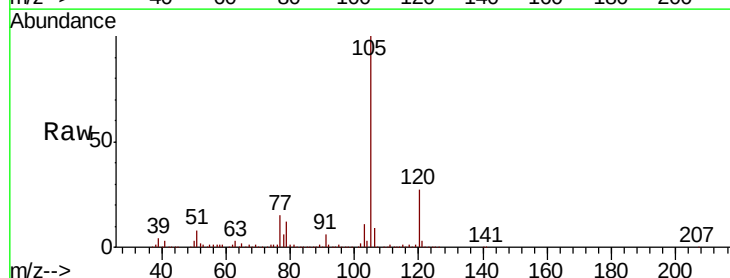
Acq: 11 Sep 2018 11:05

Tgt Ion:105 Resp: 1393841

Ion Ratio Lower Upper

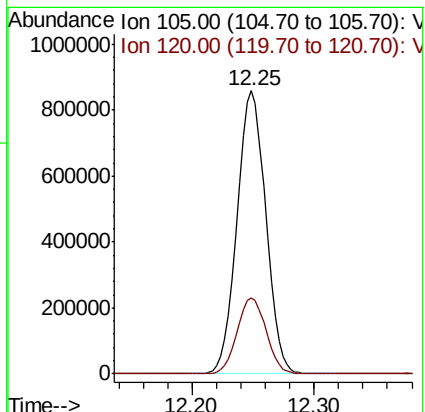
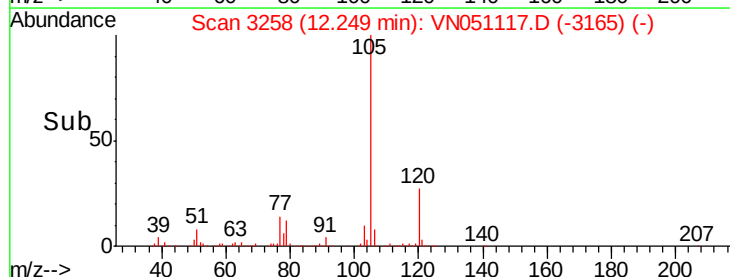
105 100

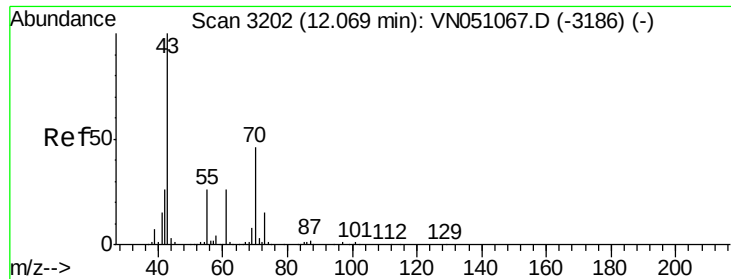
120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.41 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-B

Tot Ion: 43 Resp: 21594

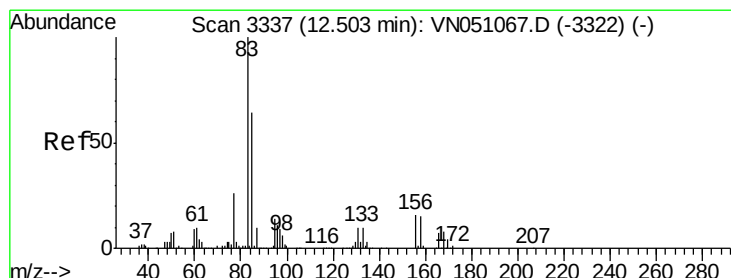
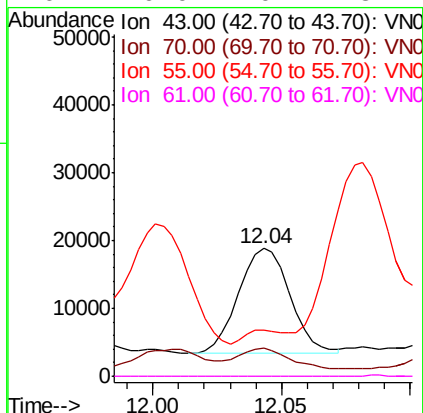
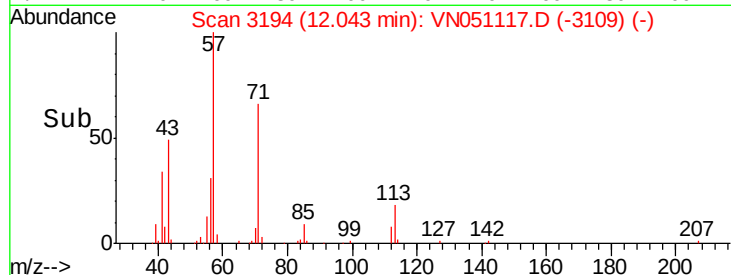
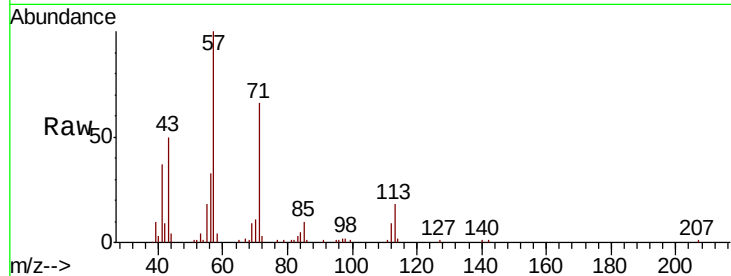
Ion Ratio Lower Upper

43 100

70 18.0 37.0 55.4#

55 0.0 21.3 31.9#

61 0.0 20.7 31.1#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3327

Delta R.T. -0.03 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

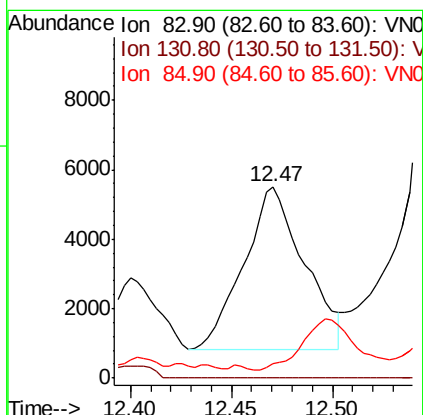
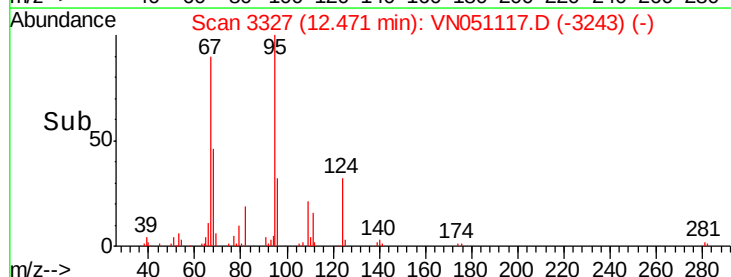
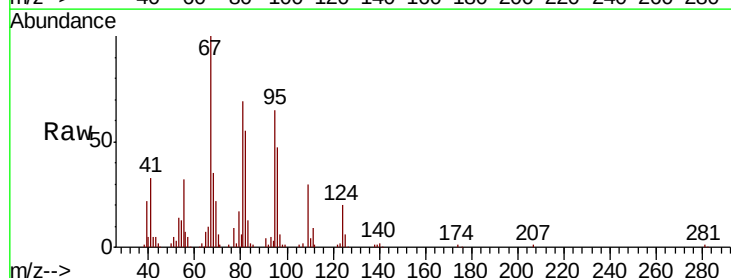
Tgt Ion: 83 Resp: 9819

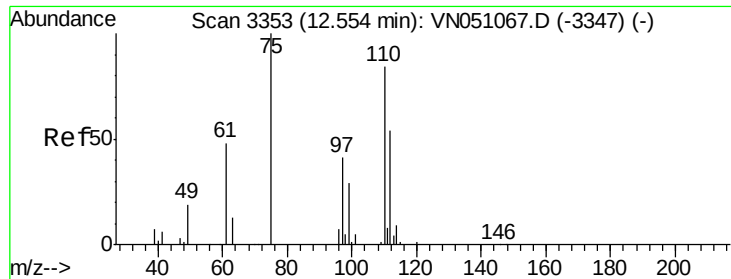
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 0.71 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampled :

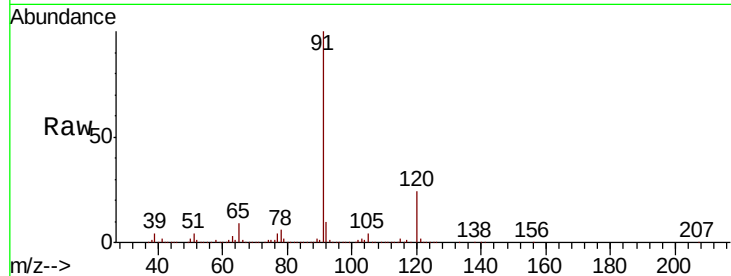
EP1-MW-B

Tot Ion: 75 Resp: 14372

Ion Ratio Lower Upper

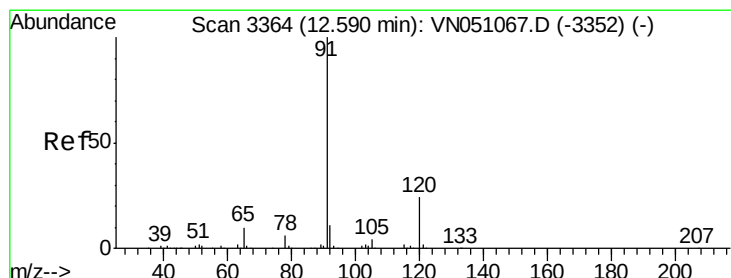
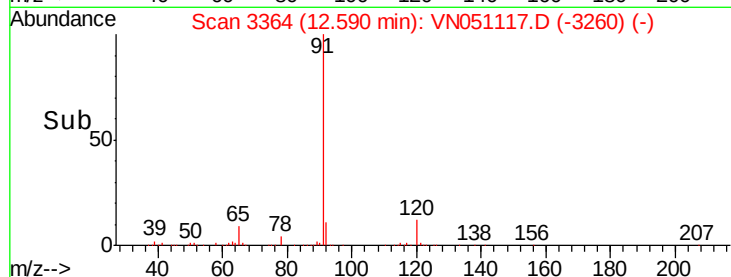
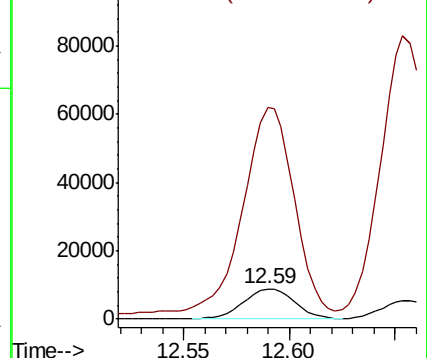
75 100

77 756.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 69.30 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051117.D

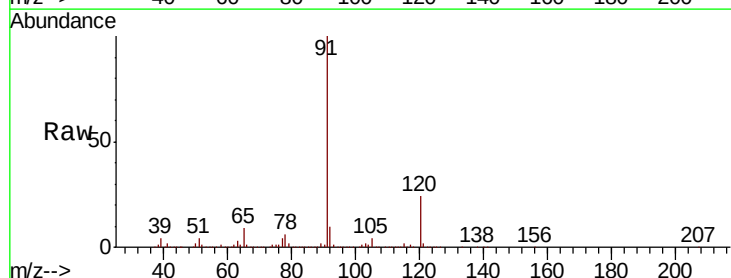
Acq: 11 Sep 2018 11:05

Tgt Ion: 91 Resp: 2717206

Ion Ratio Lower Upper

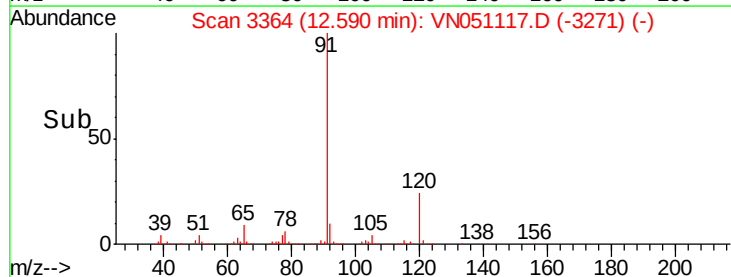
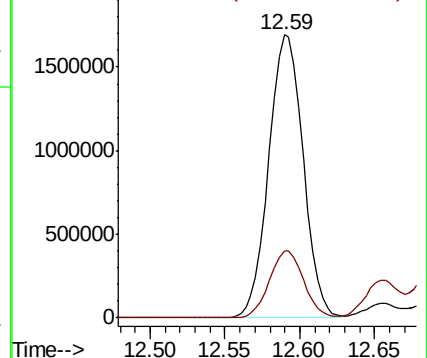
91 100

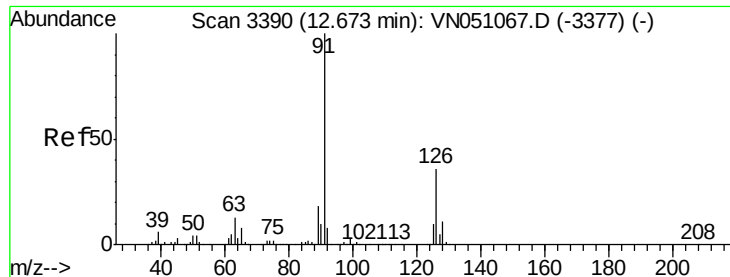
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.25 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampled :

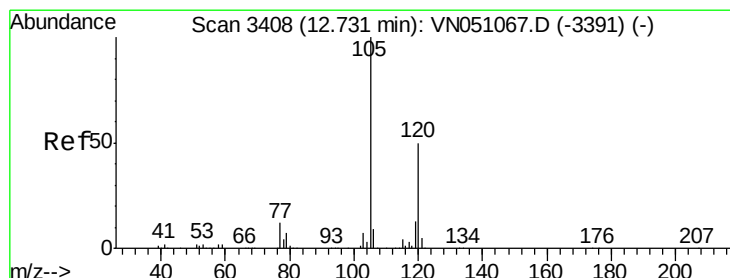
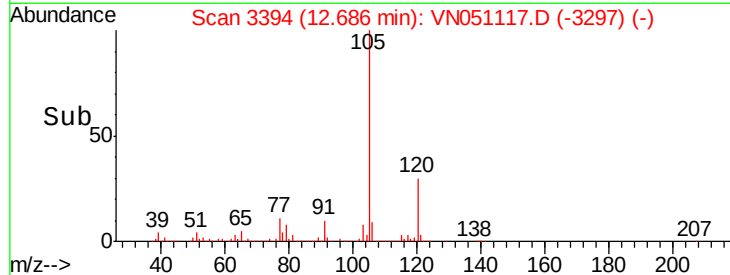
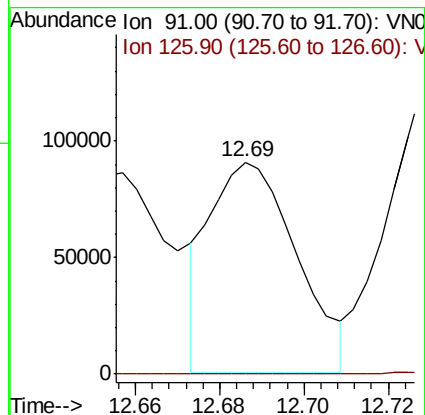
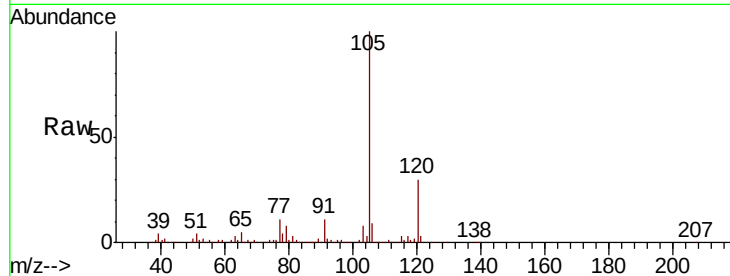
EP1-MW-B

Tot Ion: 91 Resp: 128696

Ion Ratio Lower Upper

91 100

126 0.3 17.9 53.7#



#80

1,3,5-Trimethylbenzene

Concen: 74.00 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051117.D

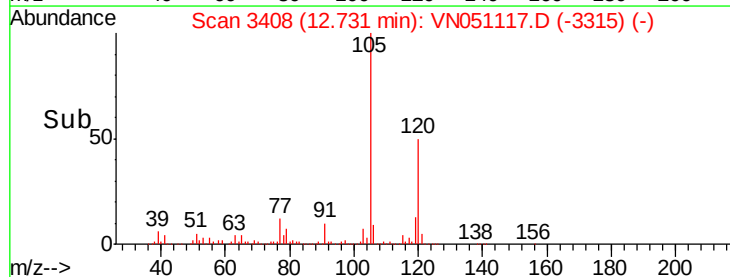
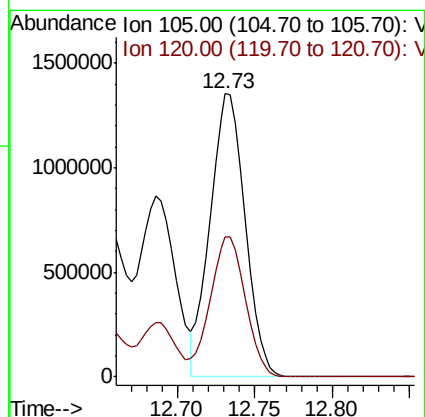
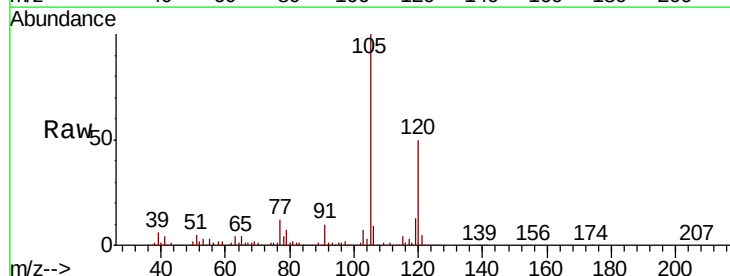
Acq: 11 Sep 2018 11:05

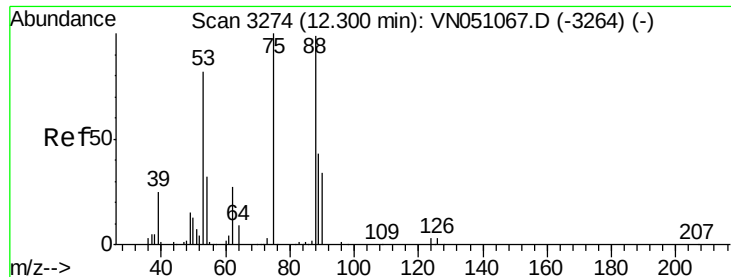
Tgt Ion: 105 Resp: 2133953

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 6.28 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-B

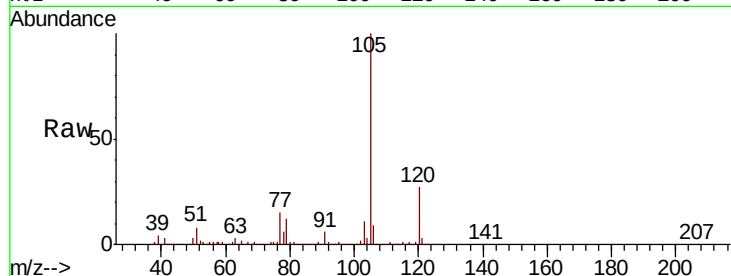
Tot Ion: 75 Resp: 14062

Ion Ratio Lower Upper

75 100

53 111.7 67.8 101.8#

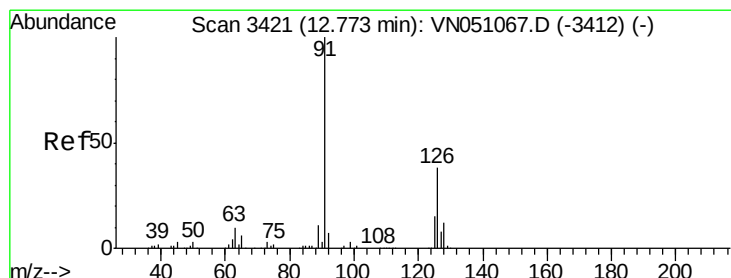
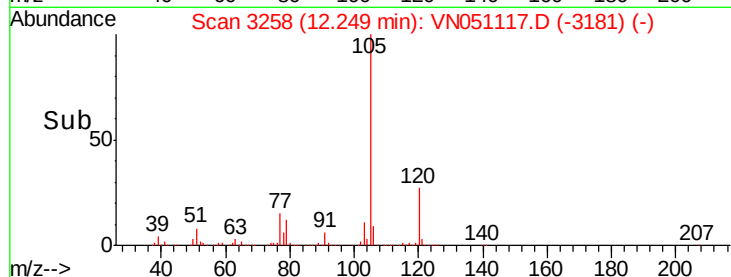
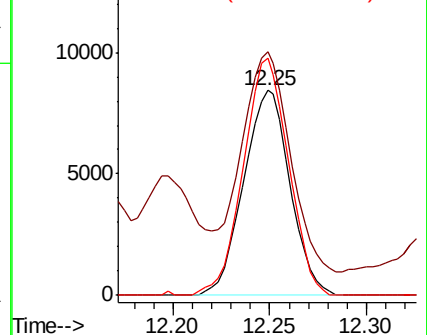
89 112.9 36.0 54.0#



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: 8.60 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN051117.D

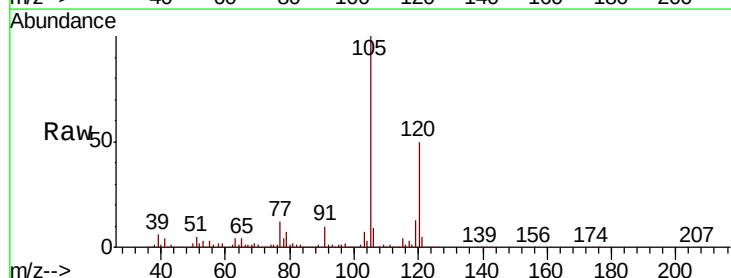
Acq: 11 Sep 2018 11:05

Tgt Ion: 91 Resp: 209102

Ion Ratio Lower Upper

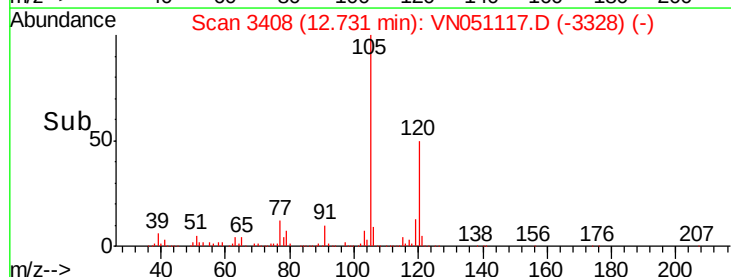
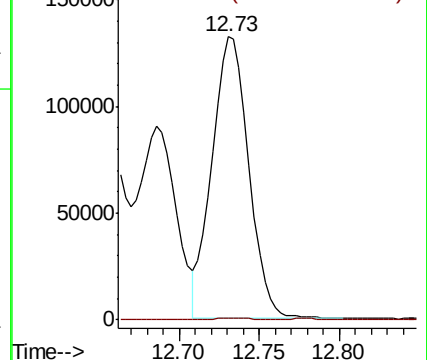
91 100

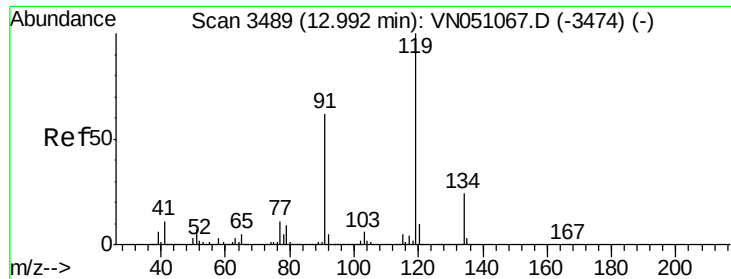
126 0.8 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

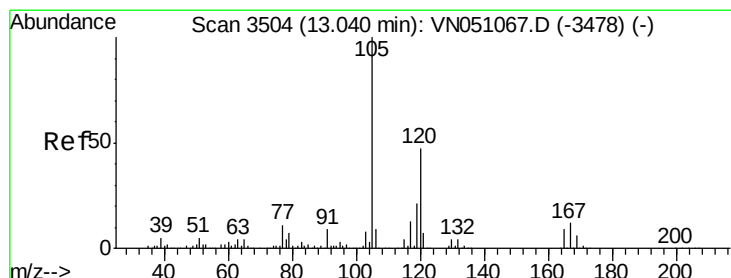
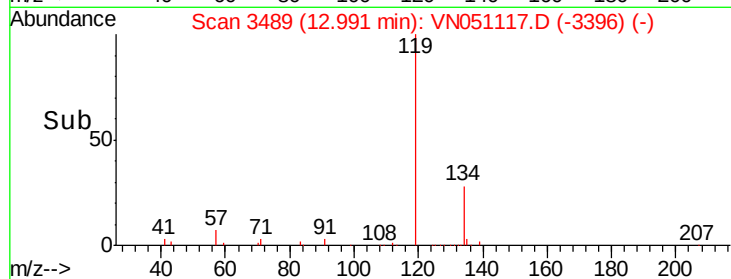
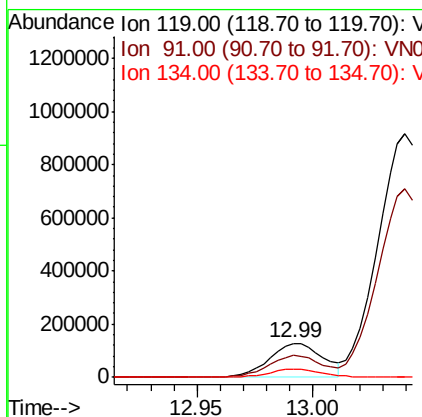
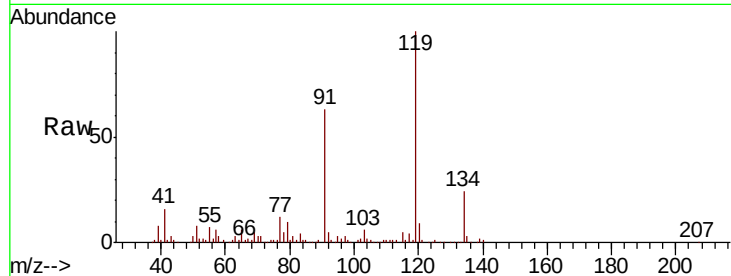




#83
 tert-Butylbenzene
 Concen: 8.02 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

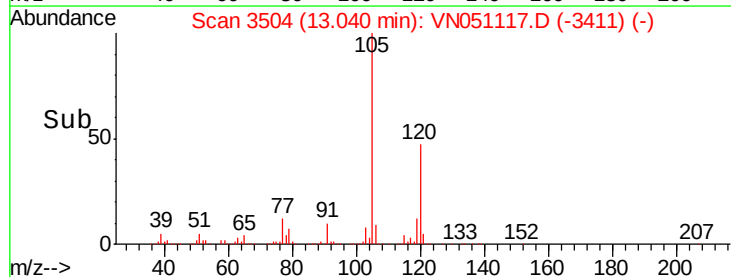
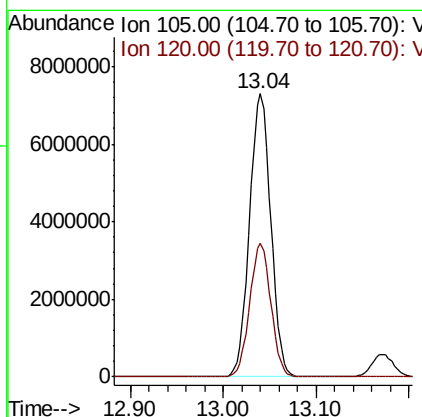
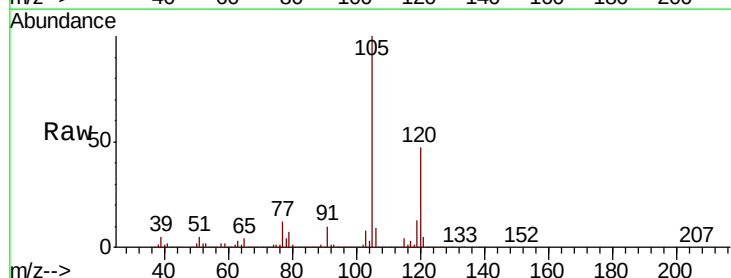
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-B

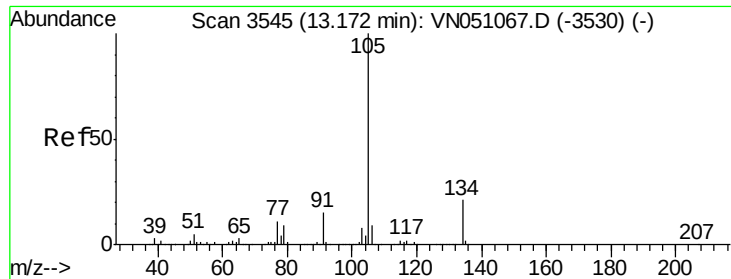
Tot Ion:119 Resp: 204253
 Ion Ratio Lower Upper
 119 100
 91 65.4 30.8 92.3
 134 24.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 407.96 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

Tgt Ion:105 Resp:11567721
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.3 69.8





#85

sec-Butylbenzene

Concen: 29.02 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampleId :

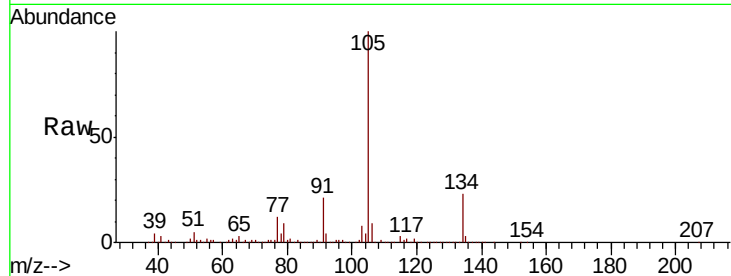
EP1-MW-B

Tot Ion:105 Resp: 947407

Ion Ratio Lower Upper

105 100

134 31.4 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

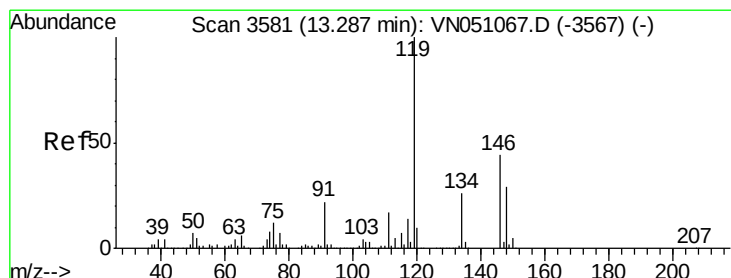
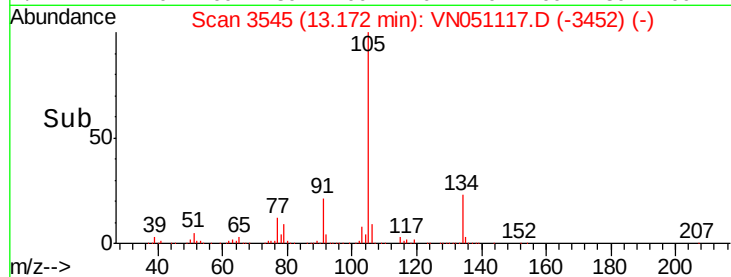
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 10.16 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

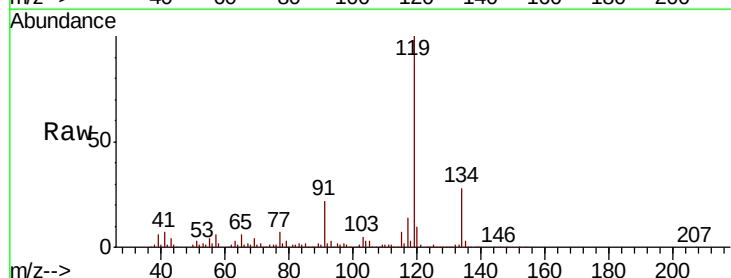
Tgt Ion:119 Resp: 281359

Ion Ratio Lower Upper

119 100

134 27.5 13.5 40.4

91 21.6 10.9 32.9



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

400000

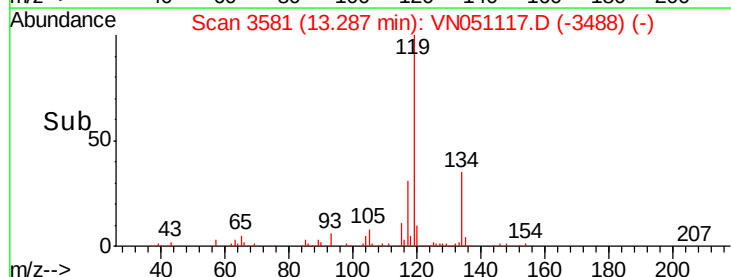
300000

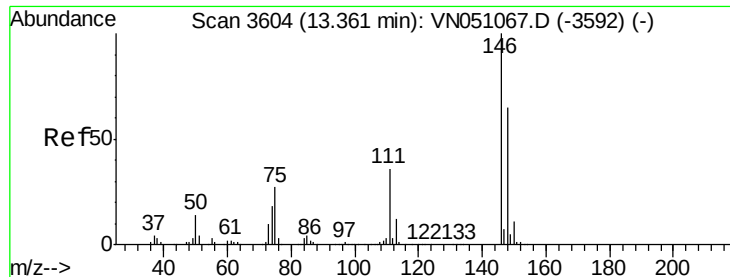
200000

100000

0

Time-->

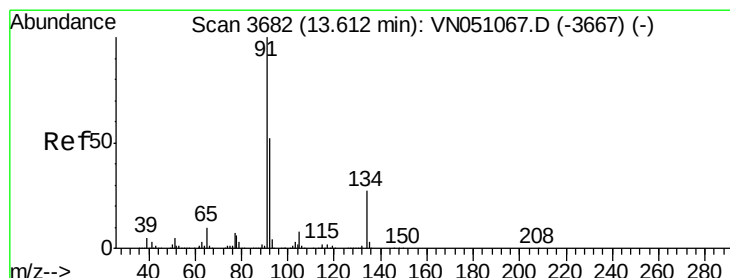
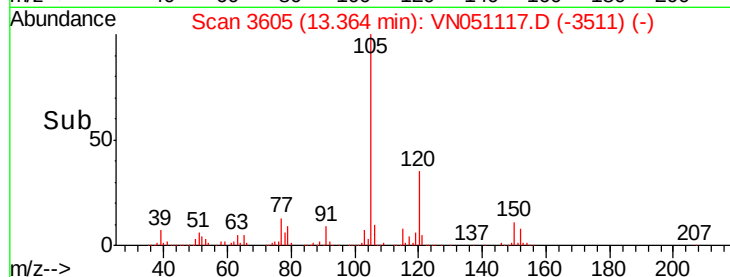
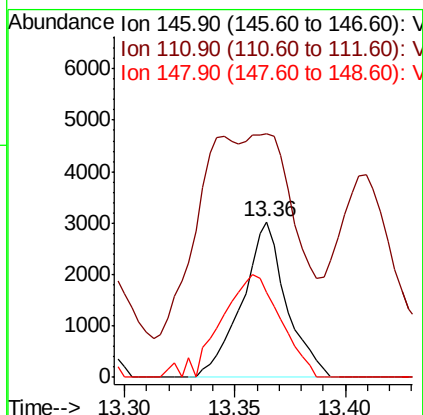
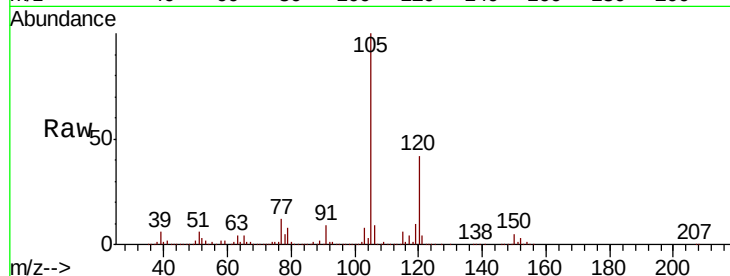




#88
 1,4-Dichlorobenzene
 Concen: 0.29 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

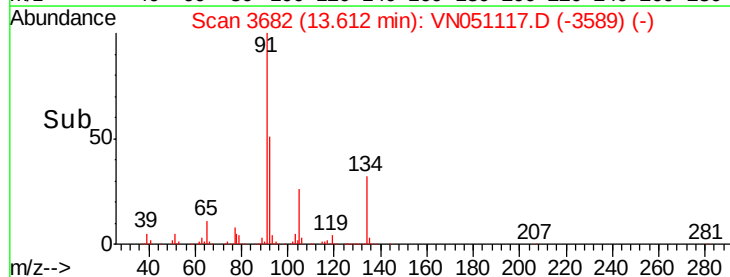
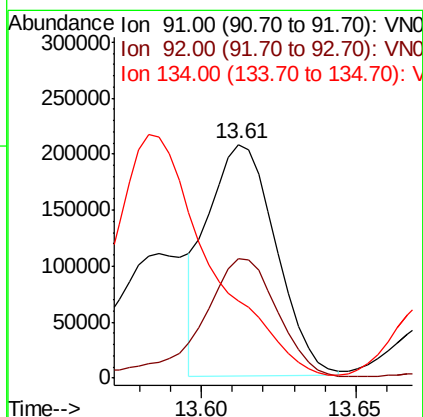
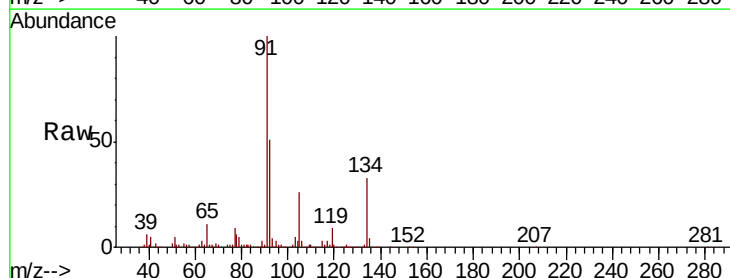
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-B

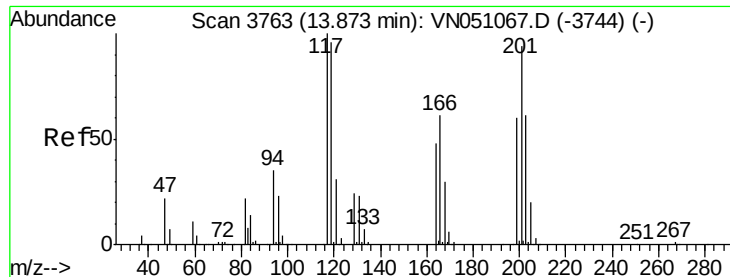
Tot Ion:146 Resp: 4206
 Ion Ratio Lower Upper
 146 100
 111 127.8 18.4 55.0#
 148 87.5 32.2 96.6



#89
 n-Butylbenzene
 Concen: 14.68 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

Tgt Ion: 91 Resp: 316353
 Ion Ratio Lower Upper
 91 100
 92 56.7 26.2 78.6
 134 0.0 13.7 41.1#





#90

Hexachloroethane

Concen: 27.21 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

Instrument :

MSVOA_N

ClientSampled :

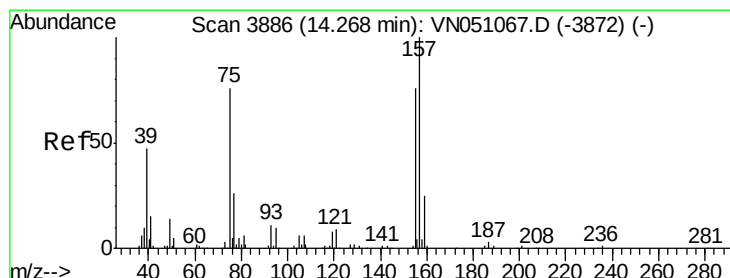
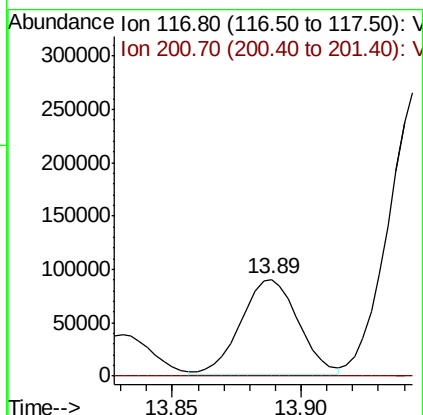
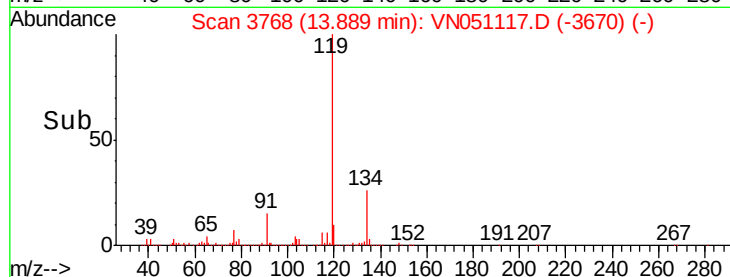
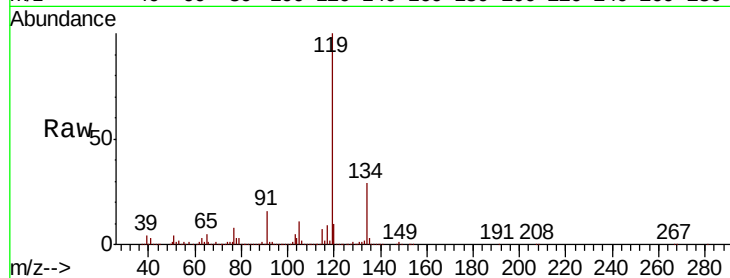
EP1-MW-B

Tot Ion:117 Resp: 138581

Ion Ratio Lower Upper

117 100

201 0.0 47.3 142.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.40 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN051117.D

Acq: 11 Sep 2018 11:05

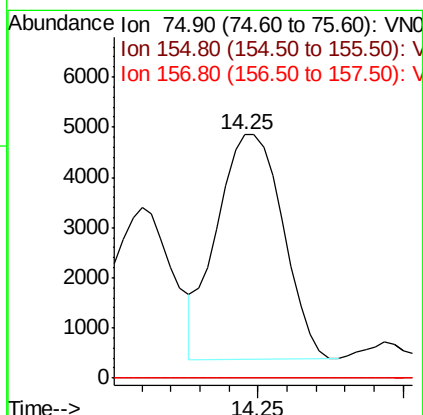
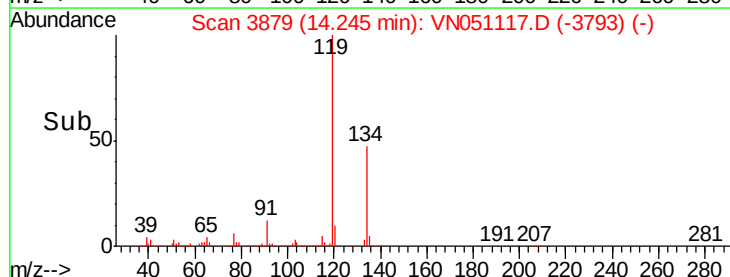
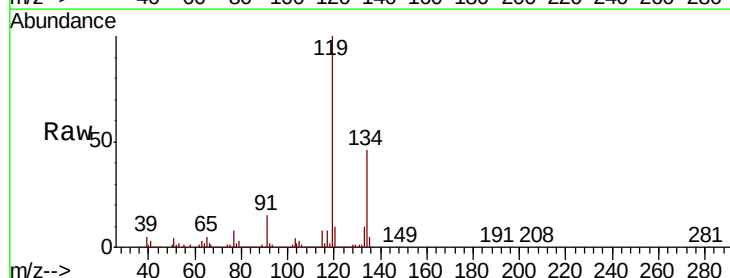
Tgt Ion: 75 Resp: 7085

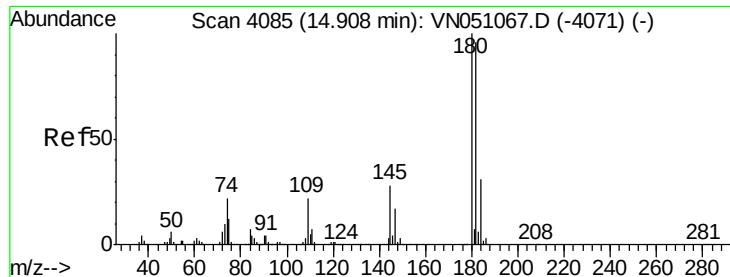
Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 63.6 190.9#

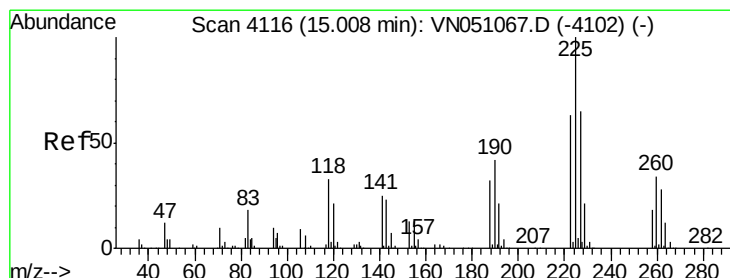
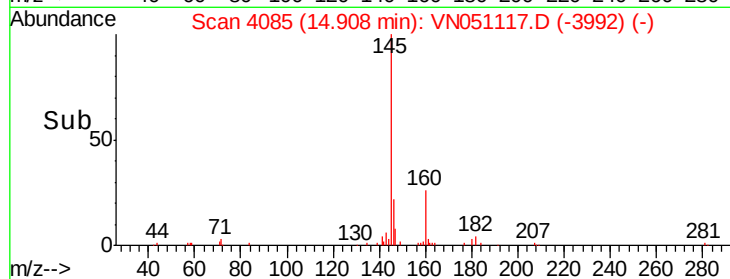
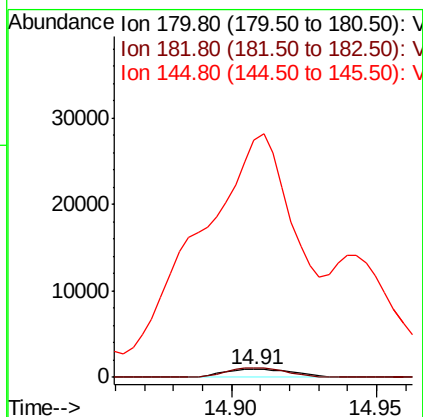
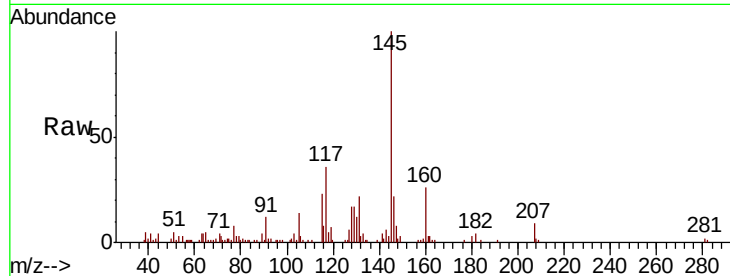




#93
 1,2,4-Trichlorobenzene
 Concen: 4.17 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

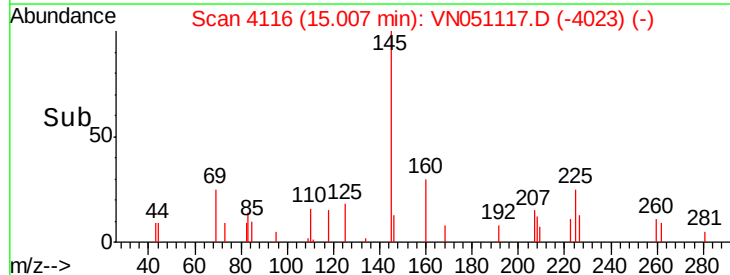
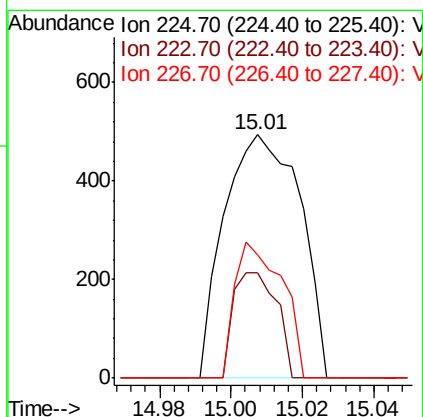
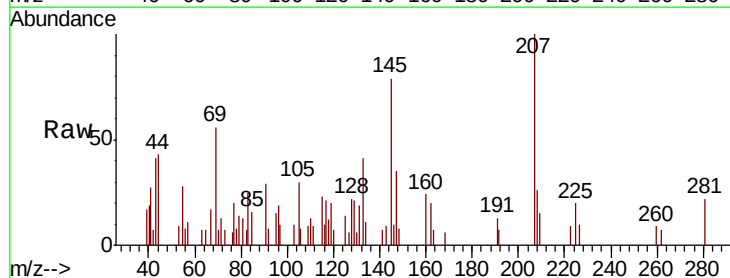
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-B

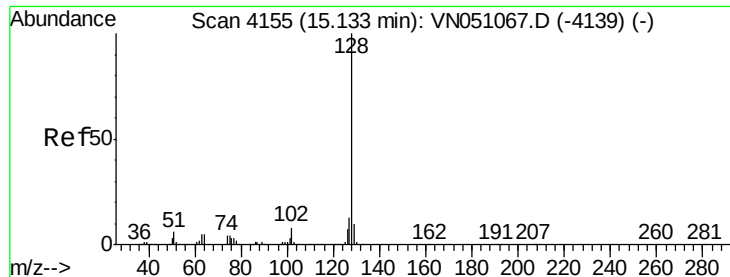
Tot Ion:180 Resp: 1561
 Ion Ratio Lower Upper
 180 100
 182 99.2 47.3 141.8
 145 3596.3 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN051117.D
 Acq: 11 Sep 2018 11:05

Tgt Ion:225 Resp: 725
 Ion Ratio Lower Upper
 225 100
 223 24.7 31.4 94.0#
 227 34.8 32.1 96.3

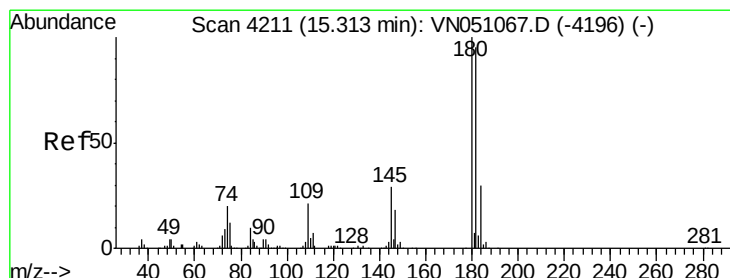
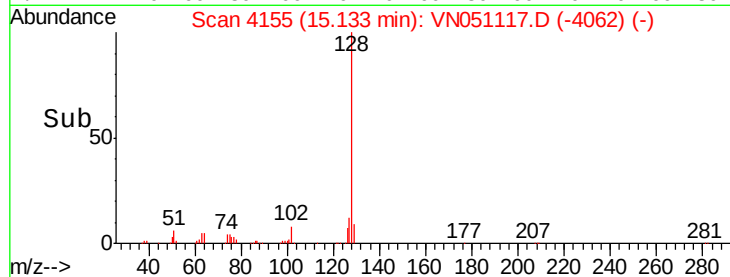
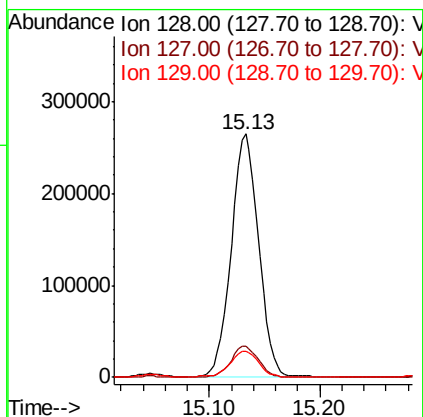
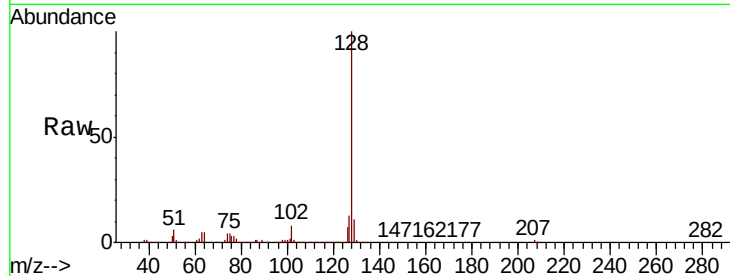




#95
Naphthalene
Concen: 30.69 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-B

Tot Ion:128 Resp: 453900
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.19 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. -0.01 min
Lab File: VN051117.D
Acq: 11 Sep 2018 11:05

Tgt Ion:180 Resp: 1861
Ion Ratio Lower Upper
180 100
182 89.0 47.8 143.3
145 0.0 14.6 43.8#

