

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051123.D
 Acq On : 11 Sep 2018 13:33
 Operator : MD\SY
 Sample : J4849-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-G

Quant Time: Sep 12 01:04:02 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	660855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1016701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	909078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	417295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	385950	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.59	113	377734	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.09	98	1405625	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.40	95	475853	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	35490	3.81	ug/l	99
5) Bromomethane	2.57	94	2295	Below	Cal	98
10) Methyl Iodide	3.96	142	1192	5.78	ug/l #	66
11) Tert butyl alcohol	4.80	59	2597	4.62	ug/l #	73
14) Allyl chloride	4.08	41	5681	0.53	ug/l #	62
16) Acetone	3.82	43	5754	Below	Cal #	75
17) Carbon Disulfide	4.05	76	13535	0.76	ug/l	99
18) Methyl Acetate	4.34	43	8062	1.37	ug/l	96
25) 2-Butanone	6.85	43	1913	0.66	ug/l	92
27) cis-1,2-Dichloroethene	6.83	96	16561	1.97	ug/l	92
31) Cyclohexane	7.66	56	17130	1.20	ug/l #	10
36) 1,1-Dichloropropene	7.67	75	43769	3.92	ug/l #	48
37) Ethyl Acetate	6.85	43	1913	0.30	ug/l #	1
38) Carbon Tetrachloride	7.67	117	57846	5.27	ug/l #	16
39) Methylcyclohexane	9.08	83	5692	0.46	ug/l #	90
43) Isopropyl Acetate	8.27	43	46641	4.09	ug/l #	52
55) 1,1,2-Trichloroethane	10.53	97	23395	3.14	ug/l #	19
56) Ethyl methacrylate	10.44	69	13912	3.78	ug/l #	24
59) 2-Hexanone	10.72	43	7548	1.76	ug/l #	23
67) Ethyl Benzene	11.51	91	21230	0.57	ug/l	99
68) m/p-Xylenes	11.63	106	3102	0.22	ug/l #	49
69) o-Xylene	11.95	106	8910	0.65	ug/l	57
73) Isopropylbenzene	12.25	105	3226302	92.19	ug/l	100
76) 1,2,3-Trichloropropane	12.59	75	37725	4.48	ug/l #	100
78) n-propylbenzene	12.59	91	7008664	182.20	ug/l	99
79) 2-Chlorotoluene	12.59	91	7008664	291.51	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.69	105	17906	0.63	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.25	75	32539	14.81	ug/l #	49
82) 4-Chlorotoluene	12.59	91	7008664	293.67	ug/l #	40
83) tert-Butylbenzene	12.99	119	595585	23.84	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1249931	44.93	ug/l	99
85) sec-Butylbenzene	13.17	105	2882957	90.00	ug/l	81
86) p-Isopropyltoluene	13.29	119	1146884	42.22	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	3987	0.28	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

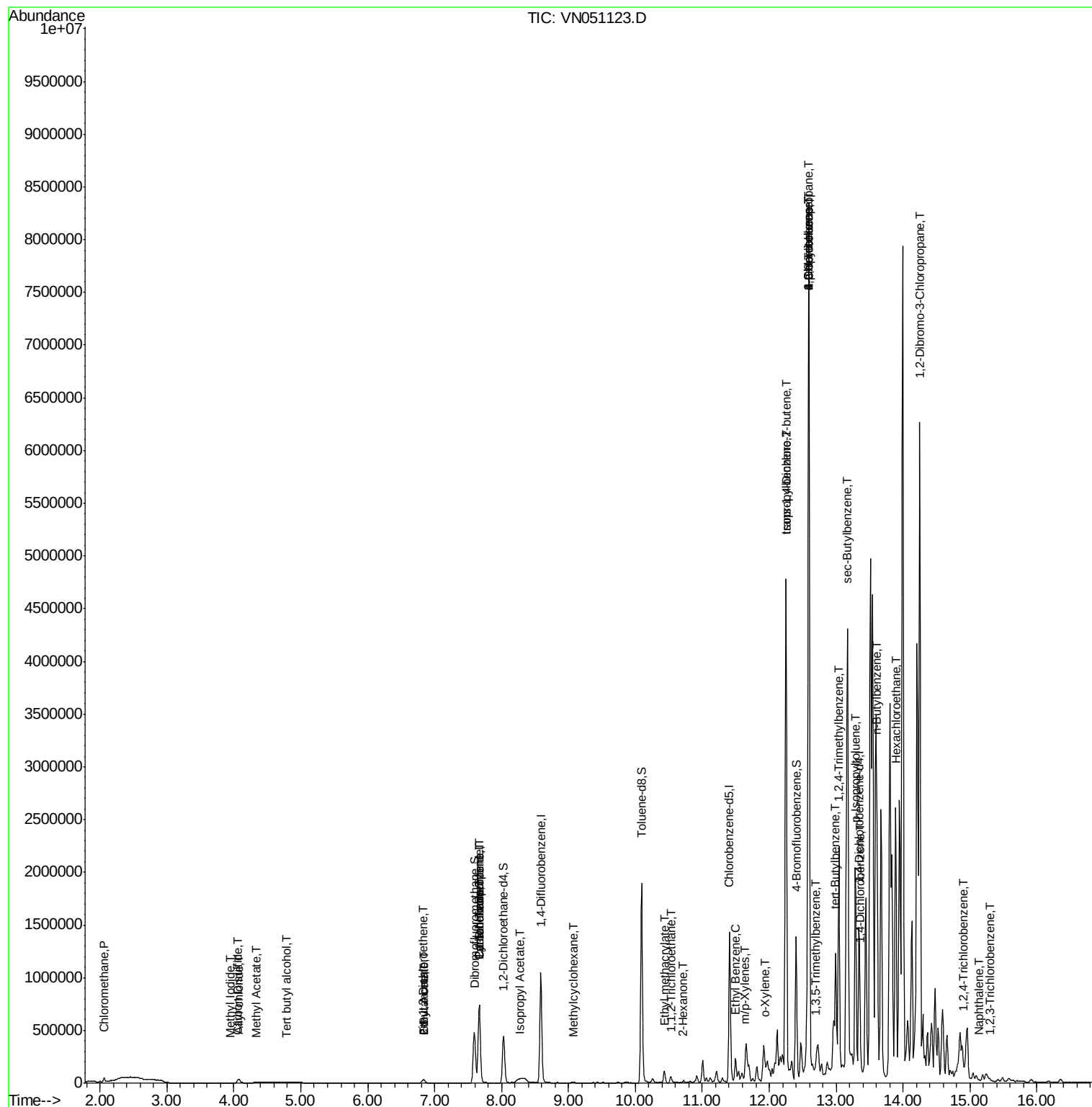
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	1316276	62.27	ug/l #	75
90) Hexachloroethane	13.89	117	115401	23.00	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	20255	17.38	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	444	4.04	ug/l #	1
95) Naphthalene	15.14	128	5272	5.64	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.31	180	372	3.00	ug/l #	57

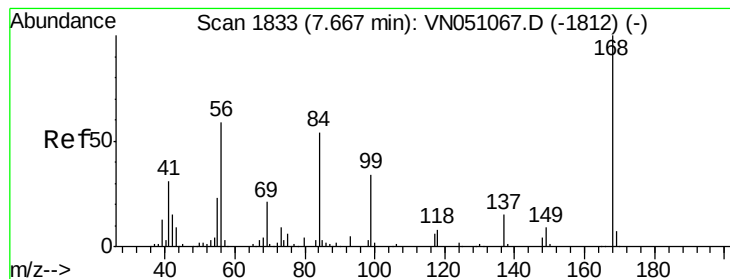
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampled :

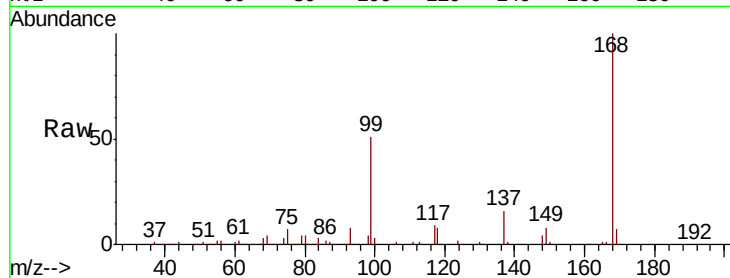
EP1-MW-G

Tot Ion:168 Resp: 660855

Ion Ratio Lower Upper

168 100

99 50.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

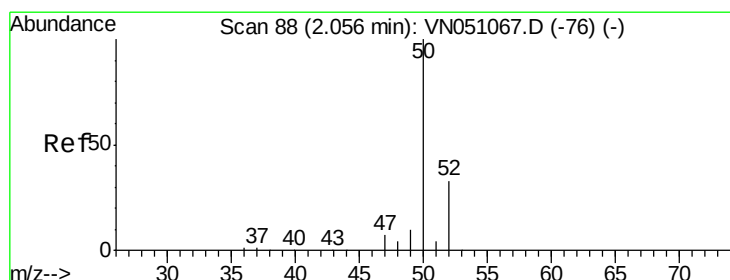
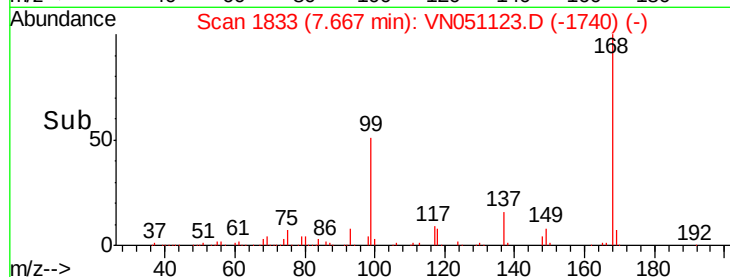
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 3.81 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051123.D

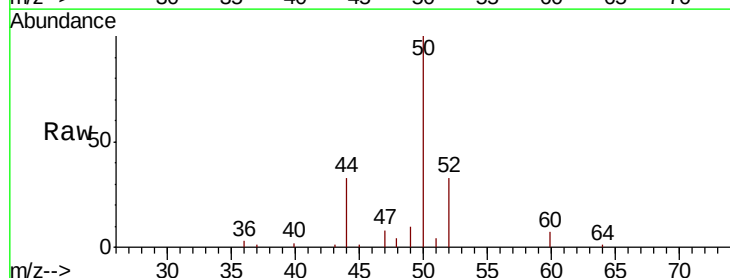
Acq: 11 Sep 2018 13:33

Tgt Ion: 50 Resp: 35490

Ion Ratio Lower Upper

50 100

52 33.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

30000

25000

20000

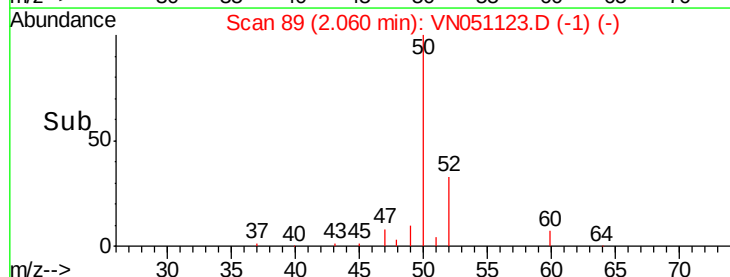
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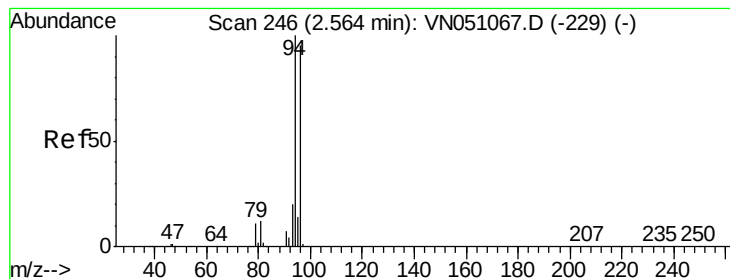
10000

5000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampled :

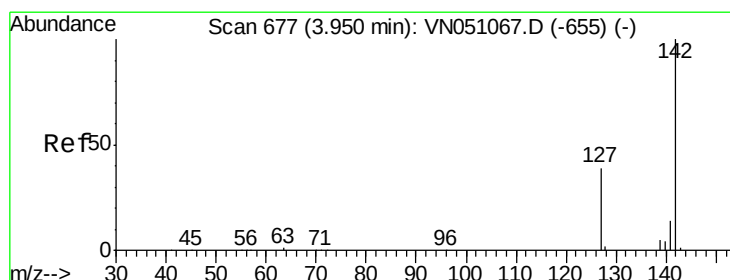
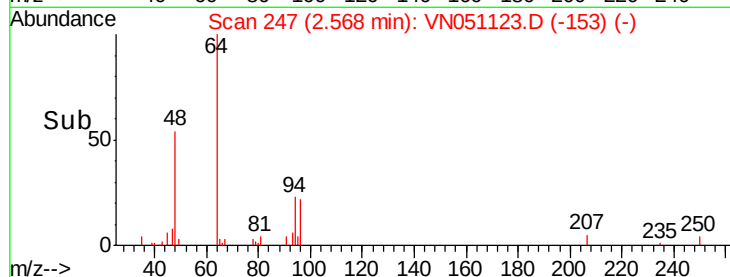
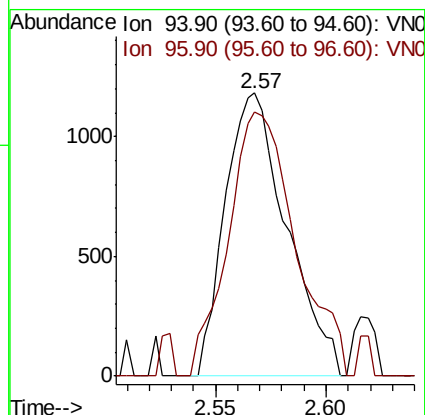
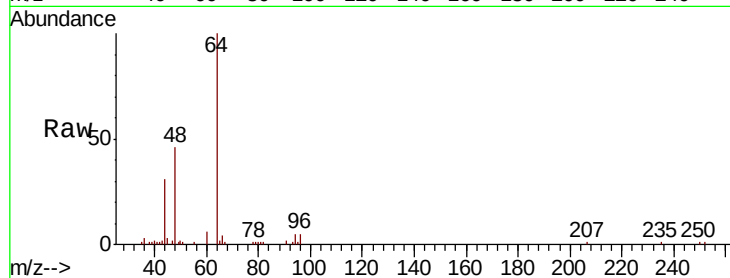
EP1-MW-G

Tot Ion: 94 Resp: 2295

Ion Ratio Lower Upper

94 100

96 93.2 75.9 113.9



#10

Methyl Iodide

Concen: 5.78 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.01 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

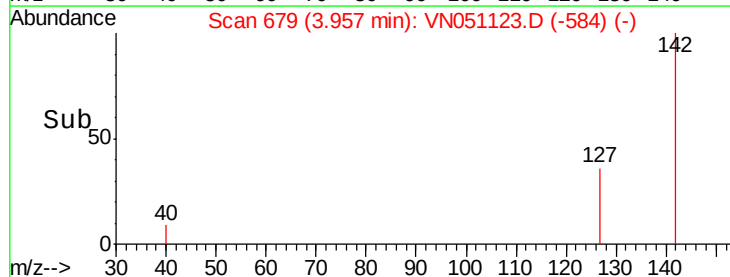
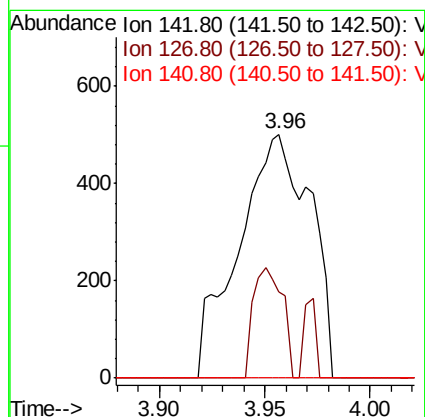
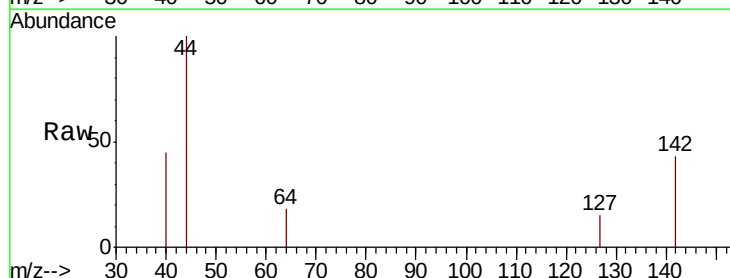
Tgt Ion: 142 Resp: 1192

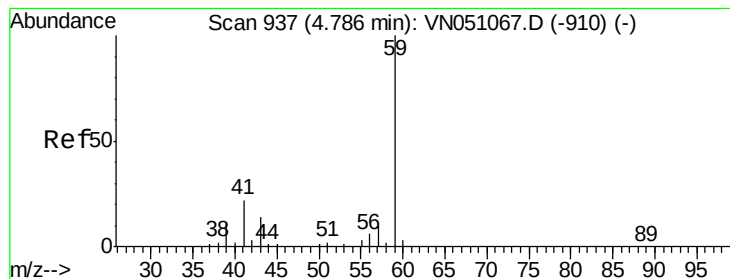
Ion Ratio Lower Upper

142 100

127 18.5 31.0 46.4#

141 0.0 11.3 16.9#



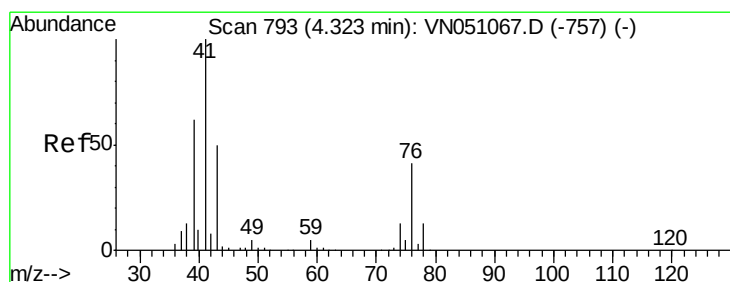
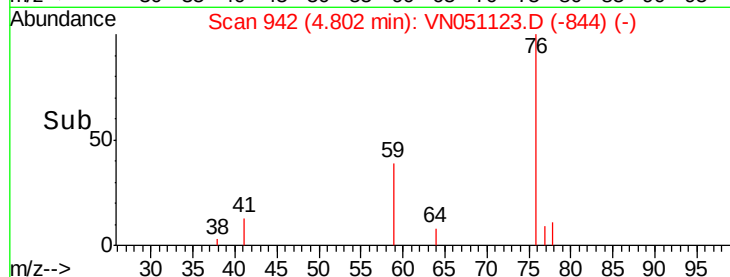
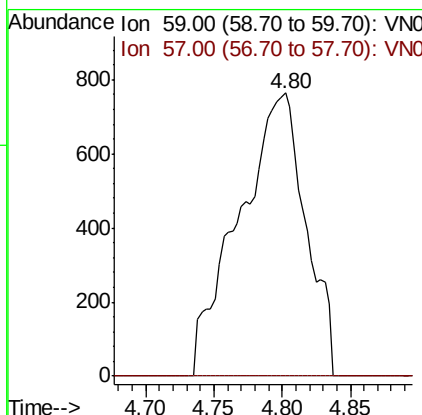
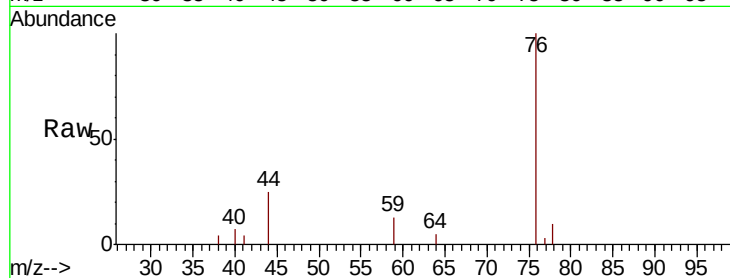


#11

Tert butyl alcohol
Concen: 4.62 ug/l
RT: 4.80 min Scan# 942
Delta R.T. 0.02 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-G

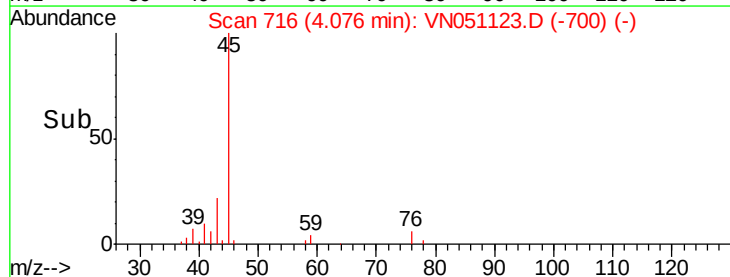
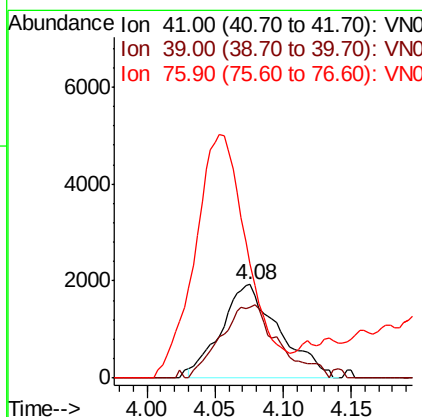
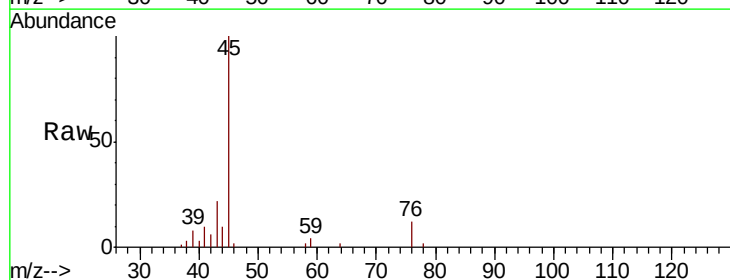
Tot Ion: 59 Resp: 2597
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

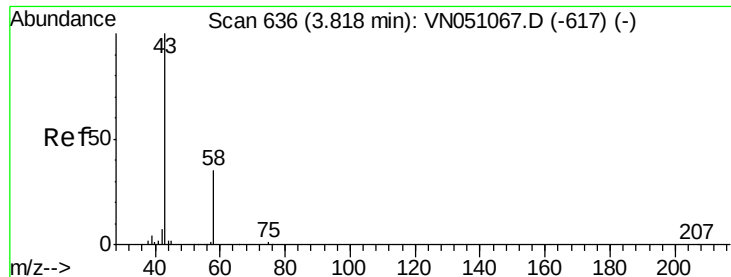


#14

Allyl chloride
Concen: 0.53 ug/l
RT: 4.08 min Scan# 716
Delta R.T. -0.25 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

Tgt Ion: 41 Resp: 5681
Ion Ratio Lower Upper
41 100
39 77.5 48.8 73.2#
76 0.0 30.6 45.8#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

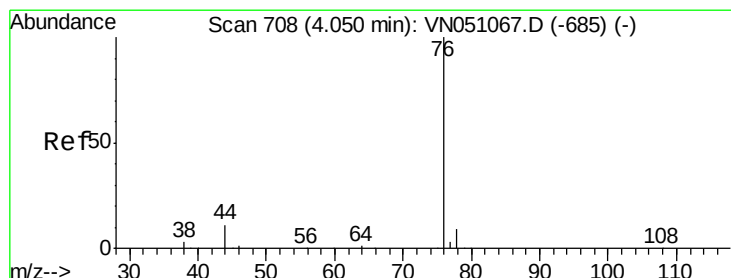
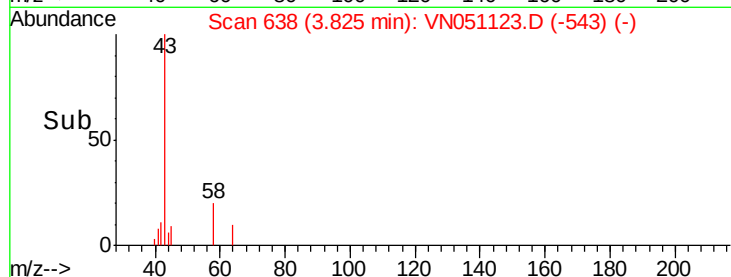
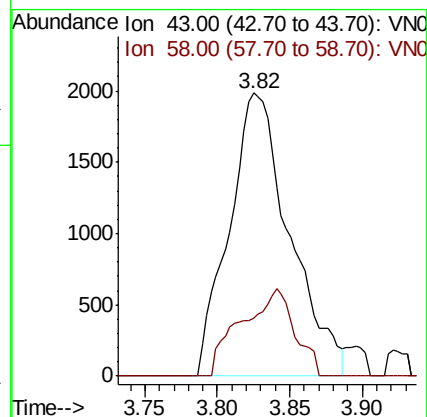
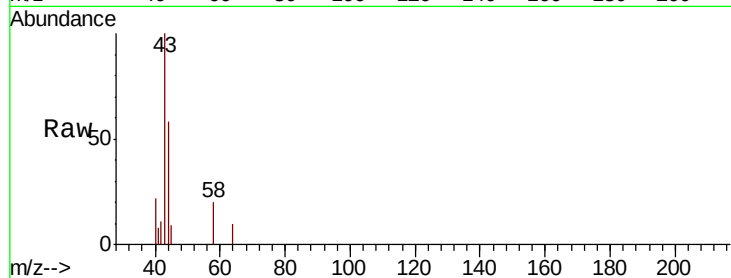
EP1-MW-G

Tot Ion: 43 Resp: 5754

Ion Ratio Lower Upper

43 100

58 20.4 27.8 41.6#



#17

Carbon Disulfide

Concen: 0.76 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051123.D

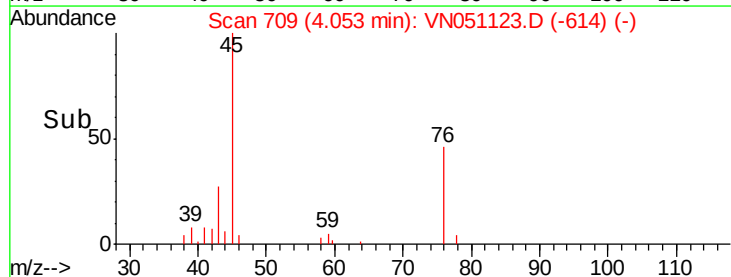
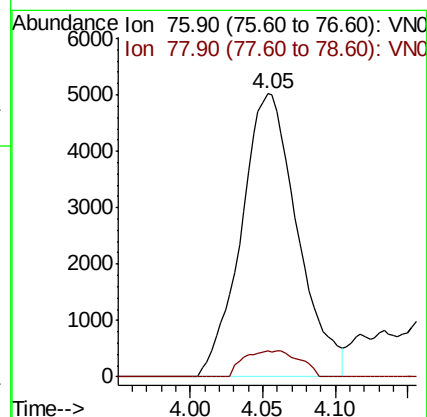
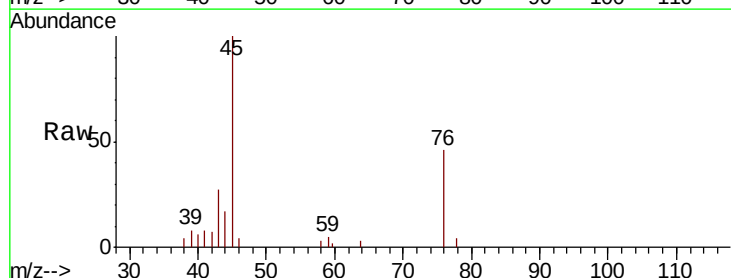
Acq: 11 Sep 2018 13:33

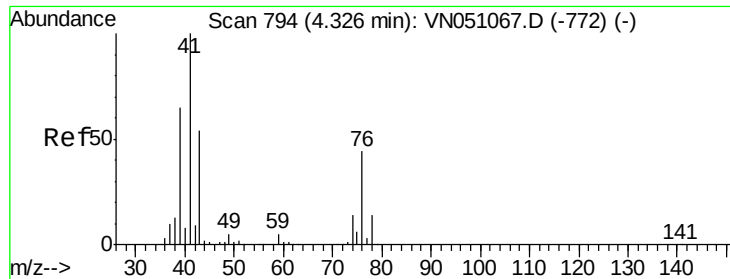
Tgt Ion: 76 Resp: 13535

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

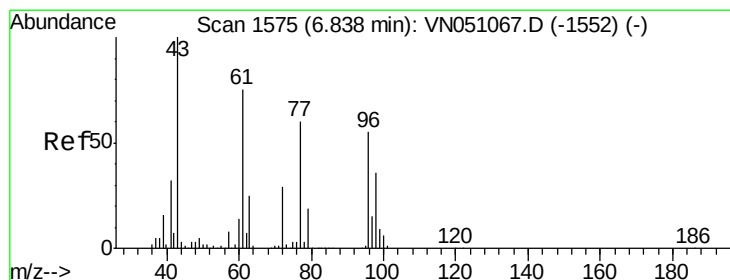
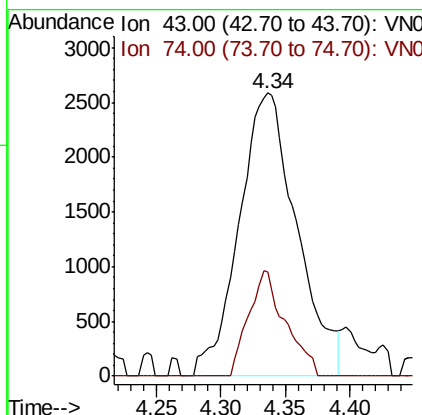
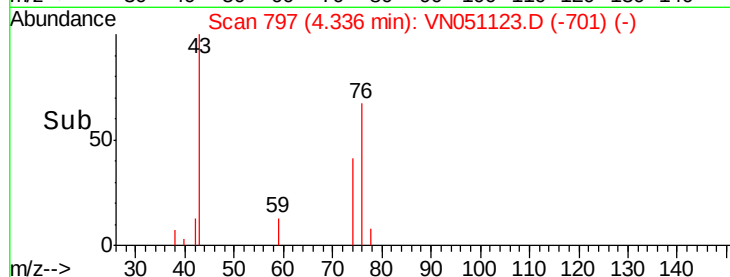
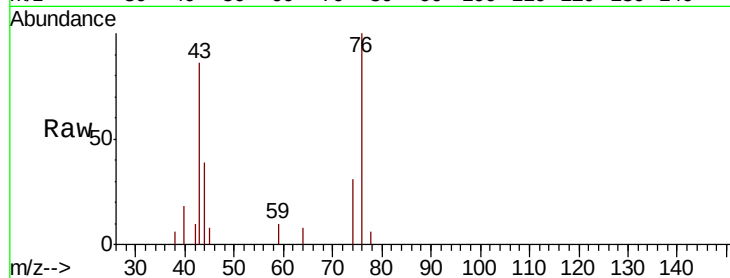




#18
Methyl Acetate
Concen: 1.37 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

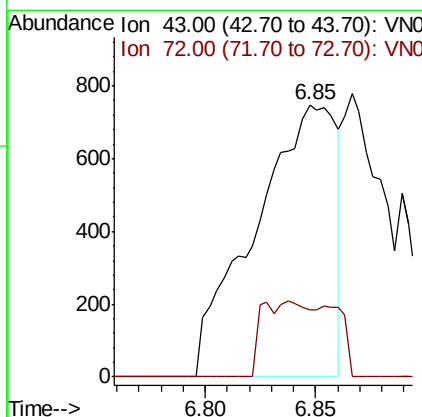
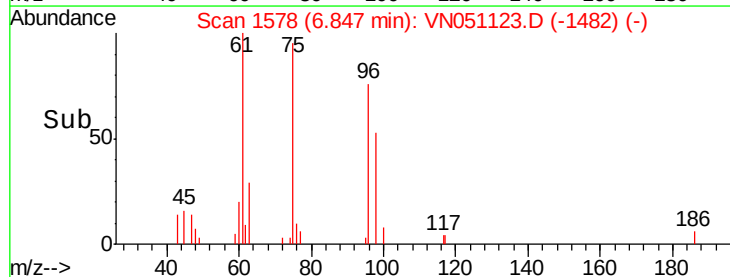
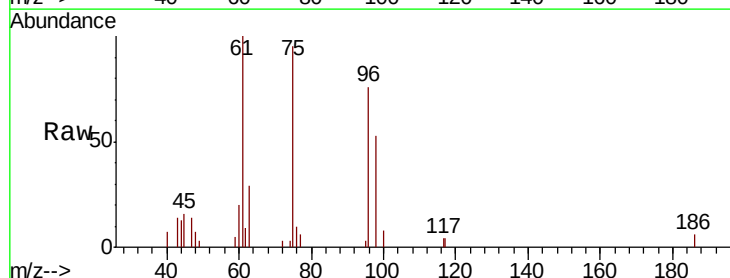
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-G

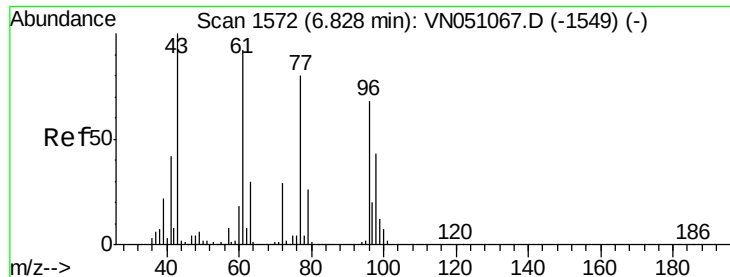
Tot Ion: 43 Resp: 8062
Ion Ratio Lower Upper
43 100
74 23.7 20.7 31.1



#25
2-Butanone
Concen: 0.66 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

Tgt Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
72 24.6 23.0 34.6





#27

cis-1,2-Dichloroethene

Concen: 1.97 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-G

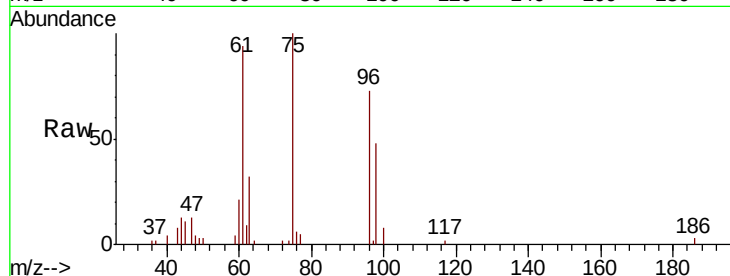
Tot Ion: 96 Resp: 16561

Ion Ratio Lower Upper

96 100

61 125.3 0.0 278.2

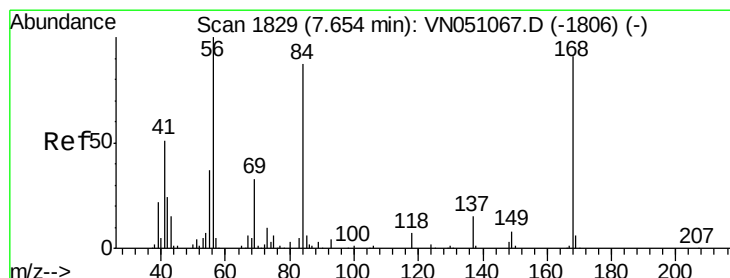
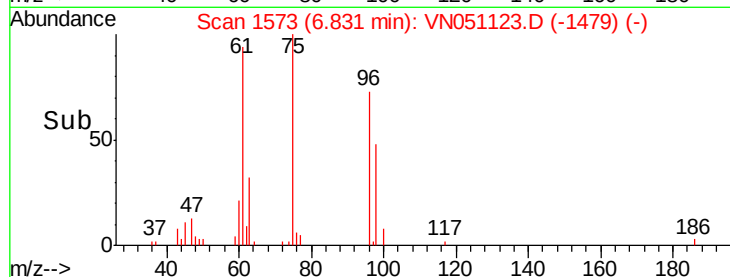
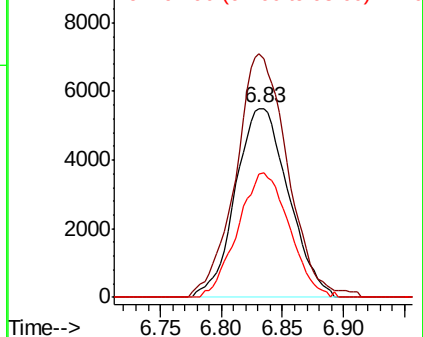
98 64.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#31

Cyclohexane

Concen: 1.20 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

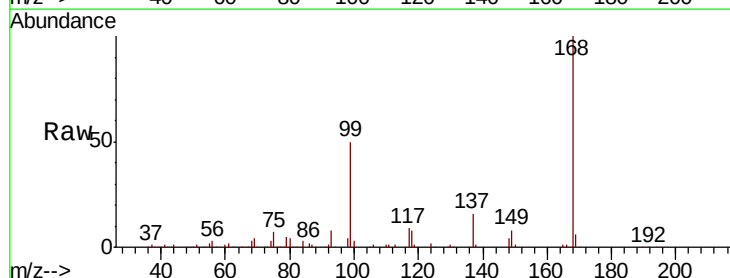
Tgt Ion: 56 Resp: 17130

Ion Ratio Lower Upper

56 100

69 142.3 26.3 39.5#

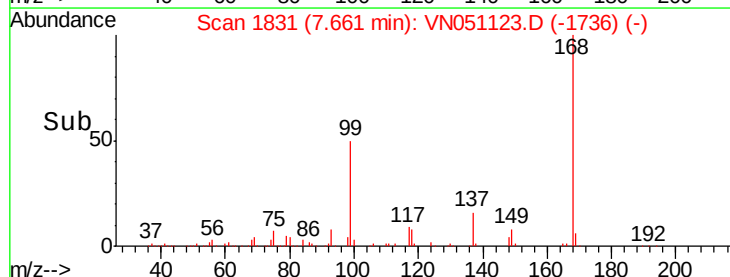
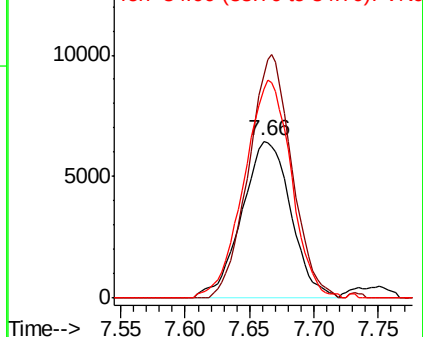
84 132.9 69.4 104.0#

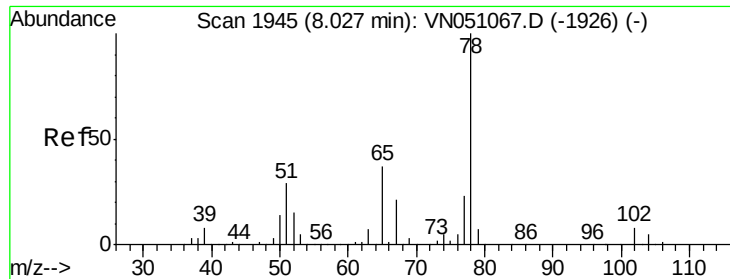


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

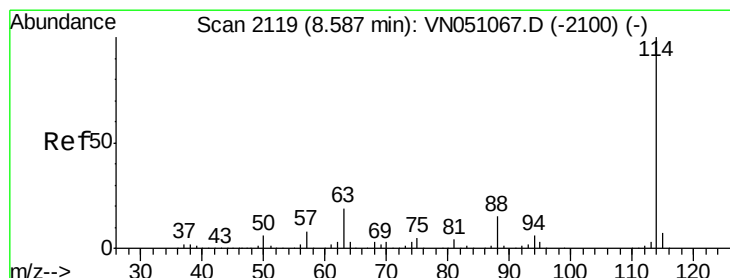
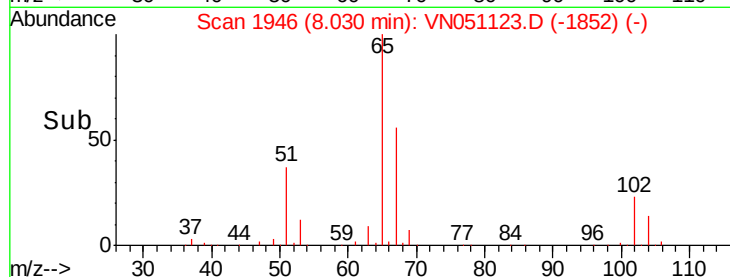
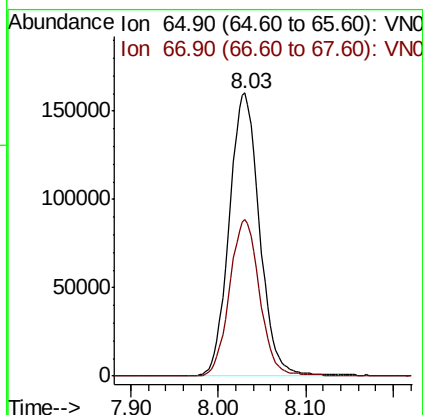
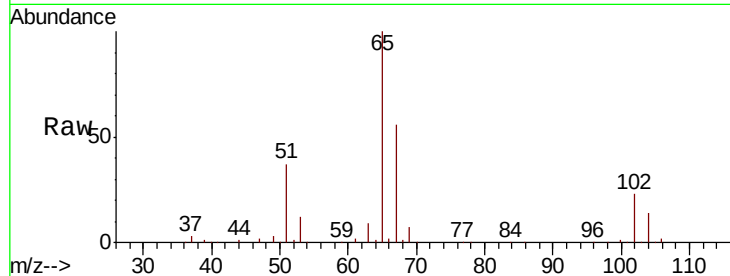




#33
 1,2-Dichloroethane-d4
 Concen: 52.48 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051123.D
 Acq: 11 Sep 2018 13:33

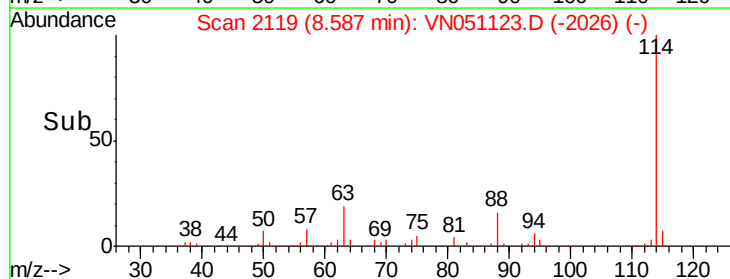
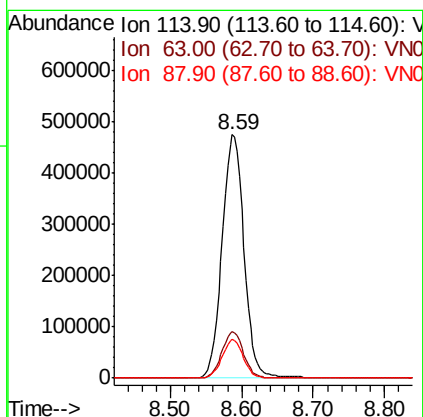
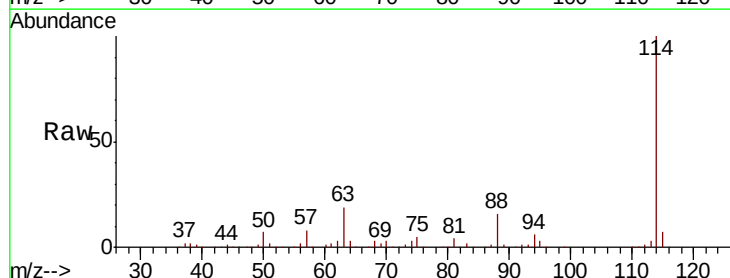
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-G

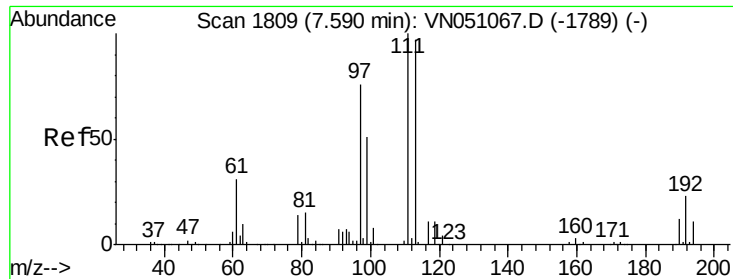
Tot Ion: 65 Resp: 385950
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051123.D
 Acq: 11 Sep 2018 13:33

Tgt Ion: 114 Resp: 1016701
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.8
 88 15.8 0.0 30.8

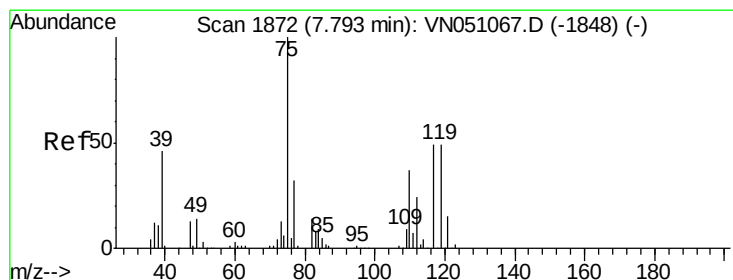
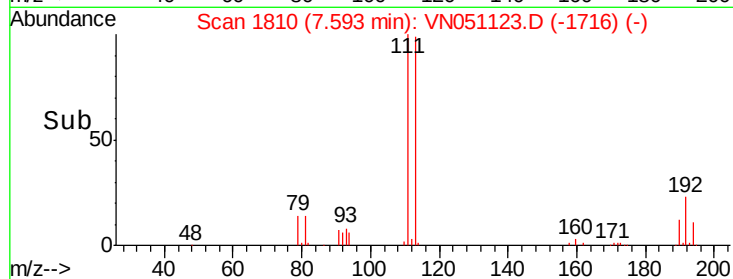
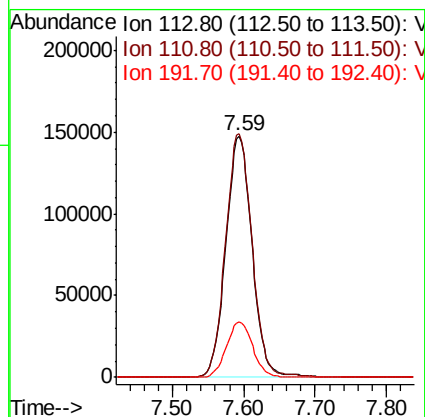
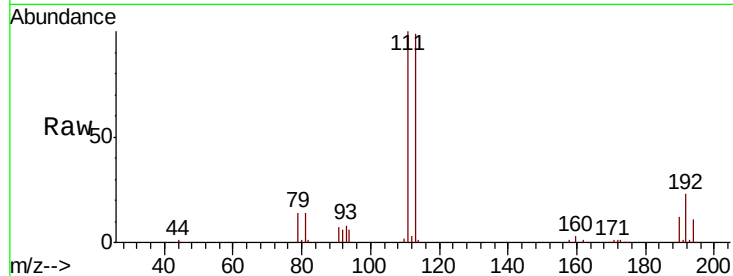




#35
 Dibromofluoromethane
 Concen: 49.44 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051123.D
 Acq: 11 Sep 2018 13:33

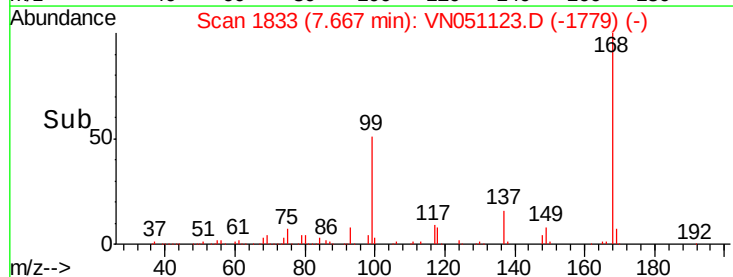
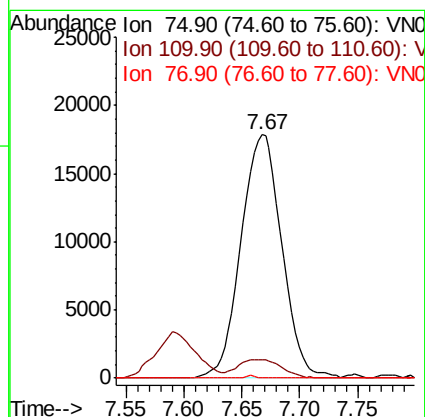
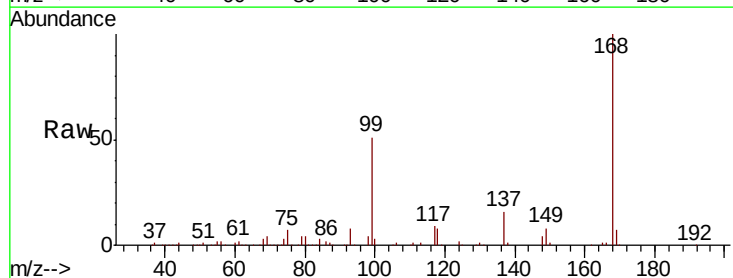
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-G

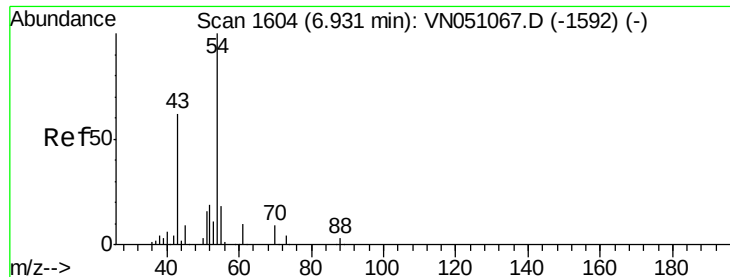
Tot Ion:113 Resp: 377734
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.0 124.6
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 3.92 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051123.D
 Acq: 11 Sep 2018 13:33

Tgt Ion: 75 Resp: 43769
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.6 55.8#
 77 0.2 25.2 37.8#

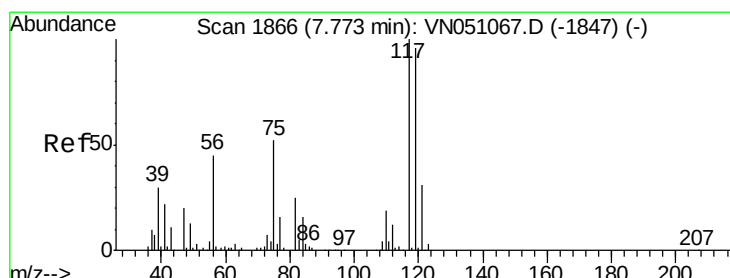
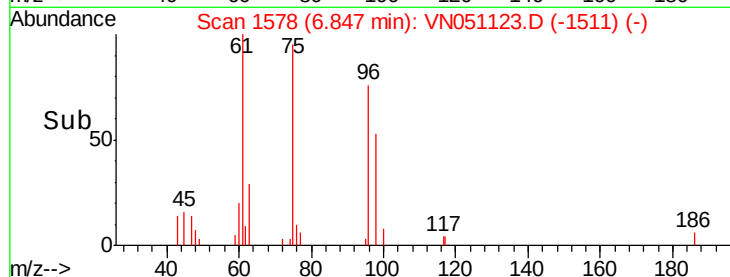
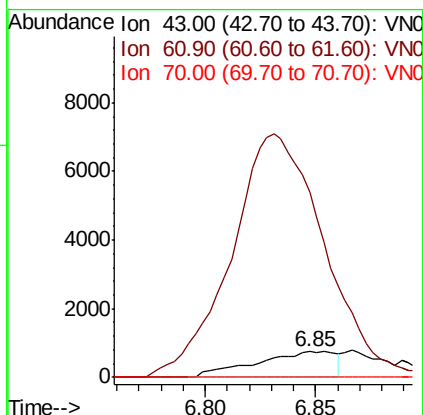
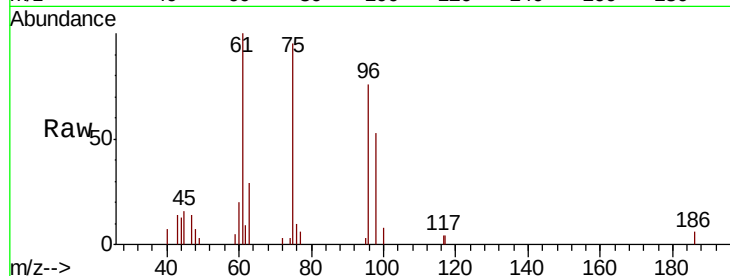




#37
Ethyl Acetate
Concen: 0.30 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.08 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

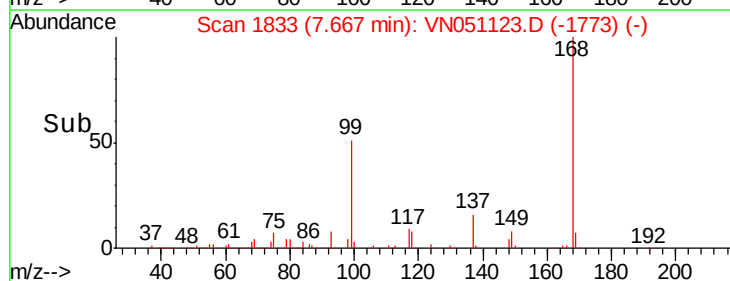
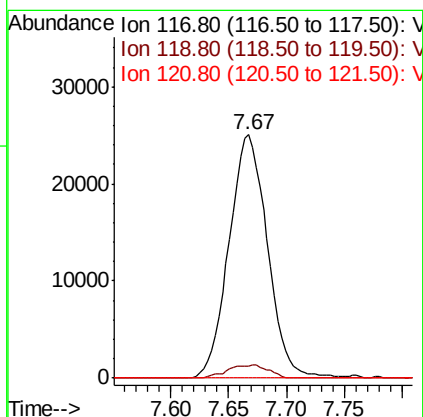
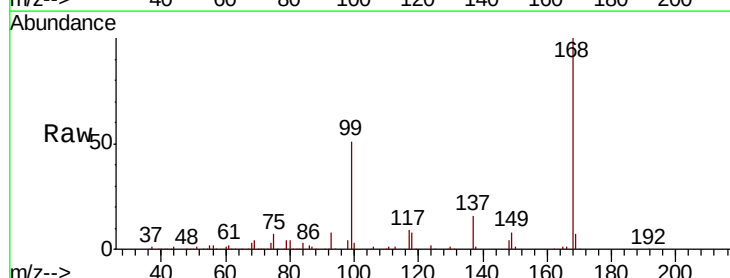
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-G

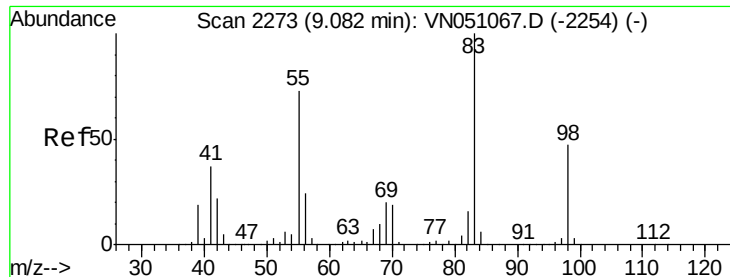
Tot Ion: 43 Resp: 1913
Ion Ratio Lower Upper
43 100
61 1084.7 12.4 18.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

Tgt Ion: 117 Resp: 57846
Ion Ratio Lower Upper
117 100
119 4.9 76.8 115.2#
121 0.0 24.6 36.8#

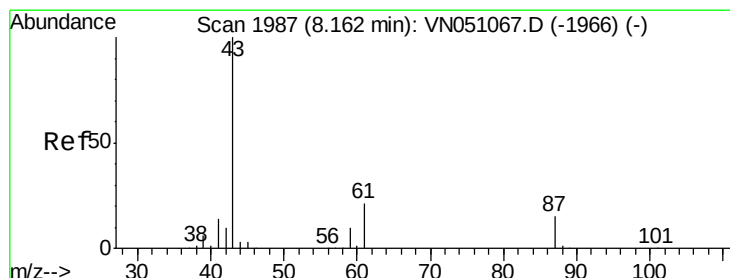
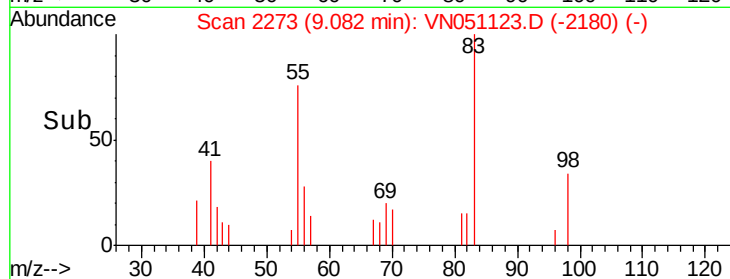
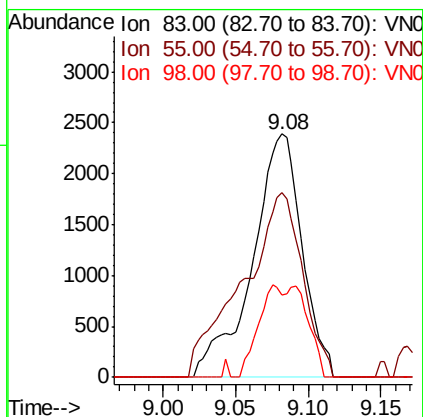
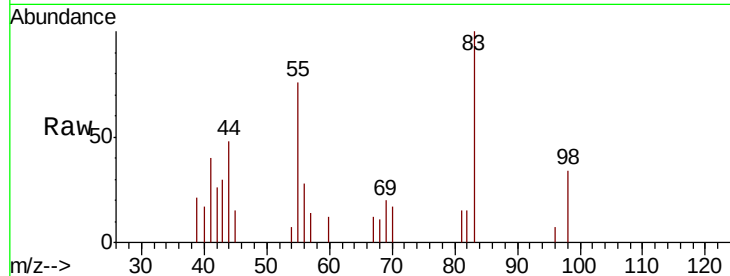




#39
Methylvlcyclohexane
Concen: 0.46 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

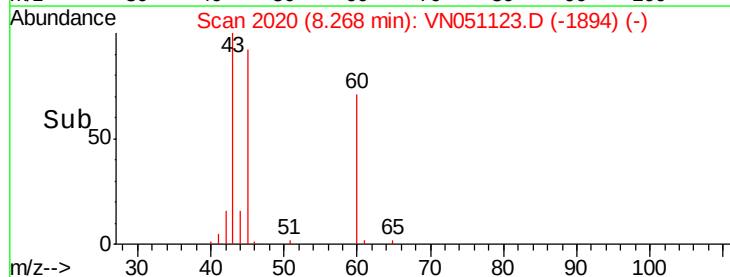
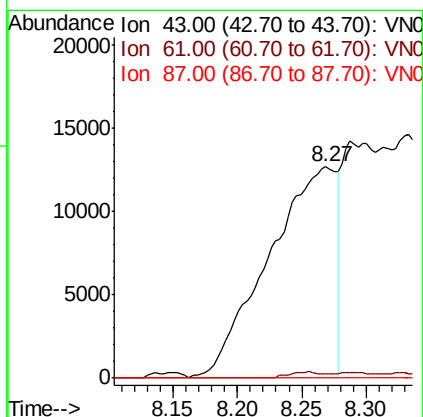
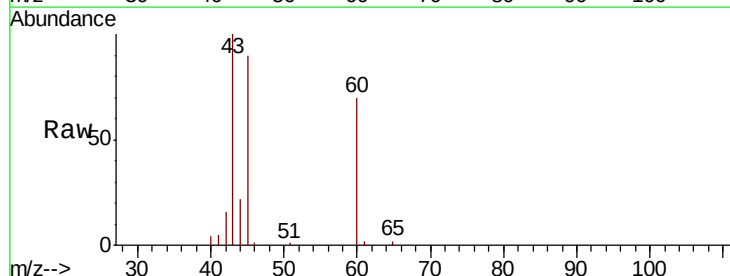
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-G

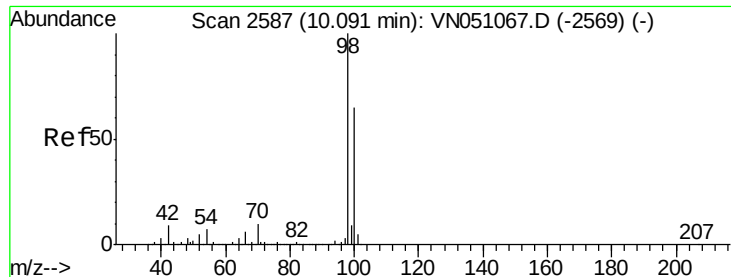
Tot Ion: 83 Resp: 5692
Ion Ratio Lower Upper
83 100
55 76.1 58.4 87.6
98 34.0 37.3 55.9#



#43
Isopropyl Acetate
Concen: 4.09 ug/l
RT: 8.27 min Scan# 2020
Delta R.T. 0.11 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

Tgt Ion: 43 Resp: 46641
Ion Ratio Lower Upper
43 100
61 1.3 25.0 37.6#
87 0.0 11.8 17.8#





#50

Toluene-d8

Concen: 48.49 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

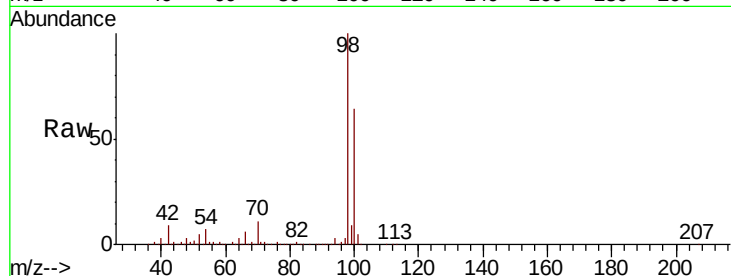
EP1-MW-G

Tot Ion: 98 Resp: 1405625

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN051067.D (-2569) (-)

10.09

800000

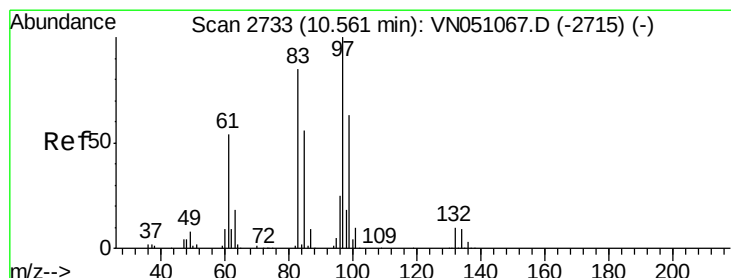
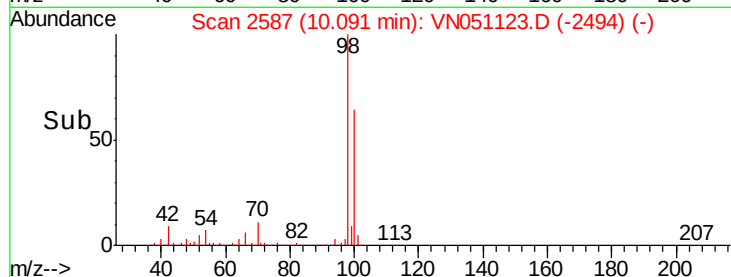
600000

400000

200000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 3.14 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Tgt Ion: 97 Resp: 23395

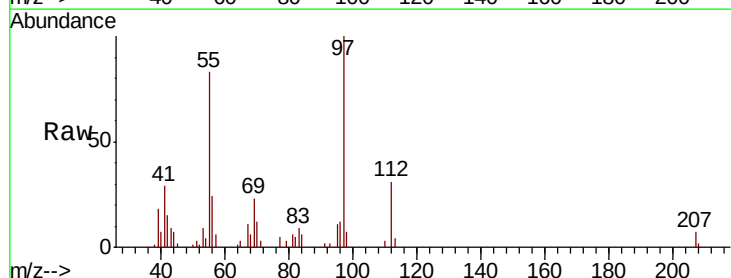
Ion Ratio Lower Upper

97 100

83 9.3 68.2 102.2#

85 0.0 44.8 67.2#

99 0.0 50.2 75.4#



Abundance Ion 96.90 (96.60 to 97.60): VN051067.D (-2715) (-)

Ion 82.90 (82.60 to 83.60): VN051067.D (-2715) (-)

Ion 84.90 (84.60 to 85.60): VN051067.D (-2715) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-2715) (-)

25000

20000

15000

10000

5000

0

10.45

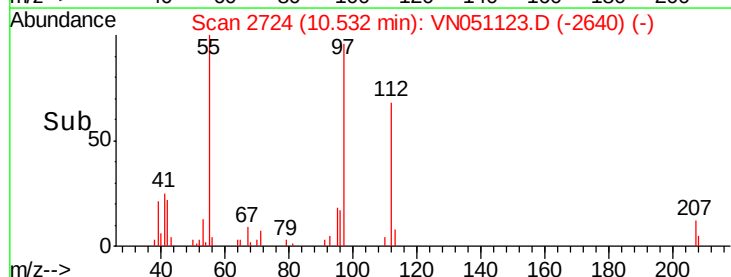
10.50

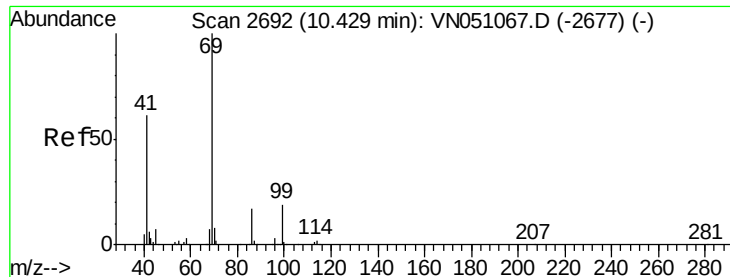
10.53

10.55

10.60

Time-->





#56

Ethyl methacrylate

Concen: 3.78 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-G

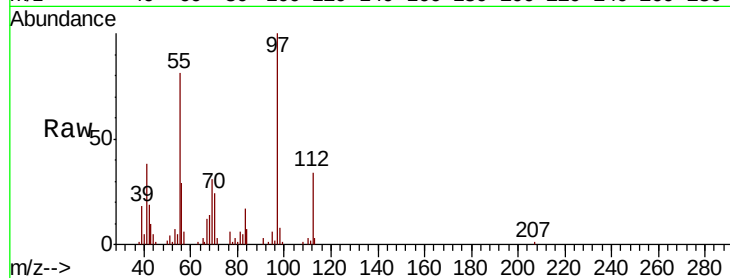
Tot Ion: 69 Resp: 13912

Ion Ratio Lower Upper

69 100

41 125.4 47.8 71.8#

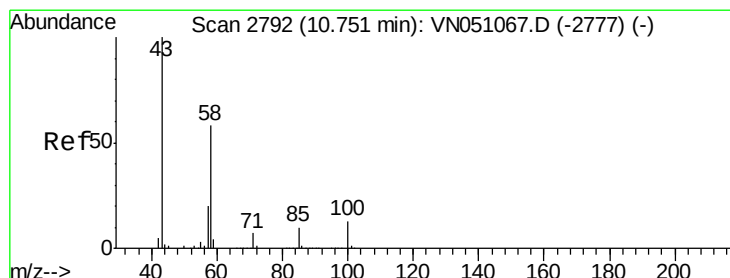
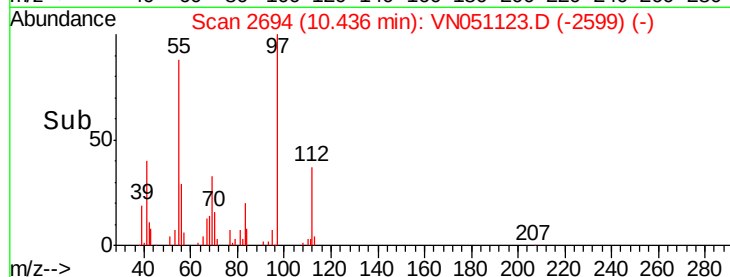
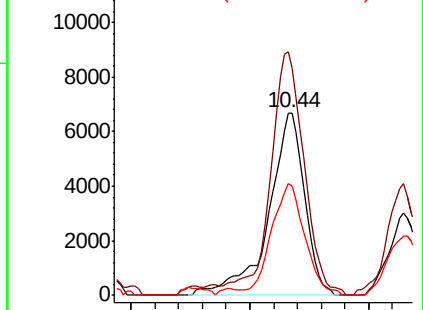
39 56.9 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN051123.D (-2699) (-)

Ion 41.00 (40.70 to 41.70): VN051123.D (-2699) (-)

Ion 39.00 (38.70 to 39.70): VN051123.D (-2699) (-)



#59

2-Hexanone

Concen: 1.76 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.04 min

Lab File: VN051123.D

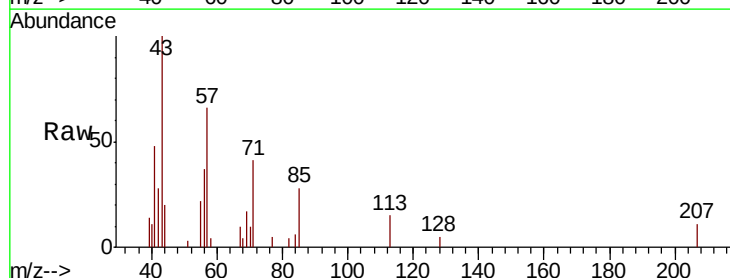
Acq: 11 Sep 2018 13:33

Tgt Ion: 43 Resp: 7548

Ion Ratio Lower Upper

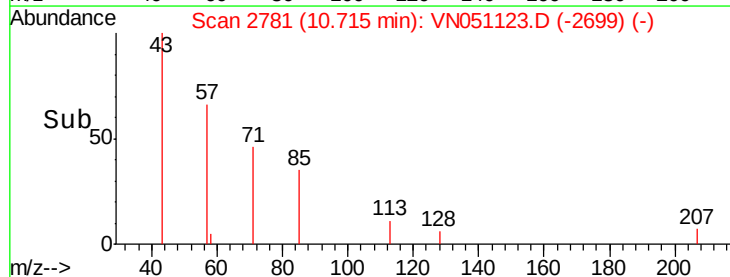
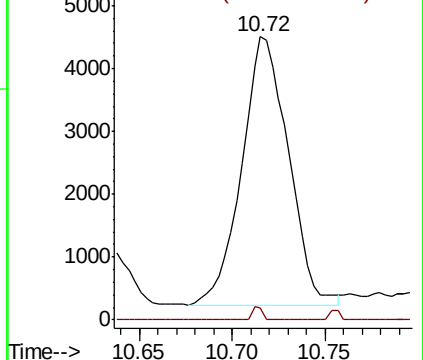
43 100

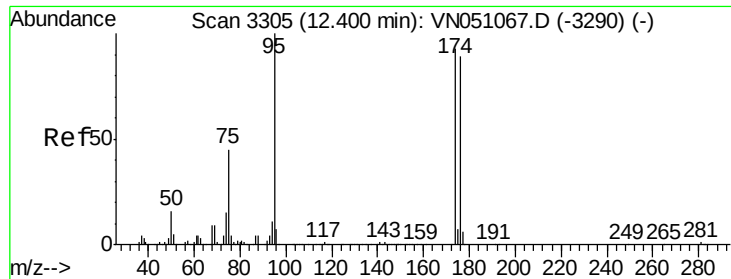
58 1.0 29.3 88.0#



Abundance Ion 43.00 (42.70 to 43.70): VN051123.D (-2699) (-)

Ion 58.00 (57.70 to 58.70): VN051123.D (-2699) (-)





#62

4-Bromofluorobenzene

Concen: 49.62 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-G

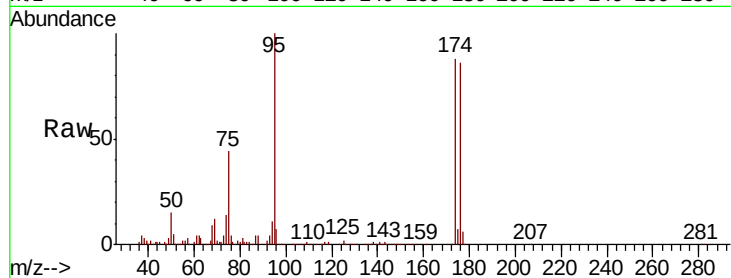
Tot Ion: 95 Resp: 475853

Ion Ratio Lower Upper

95 100

174 90.3 0.0 184.8

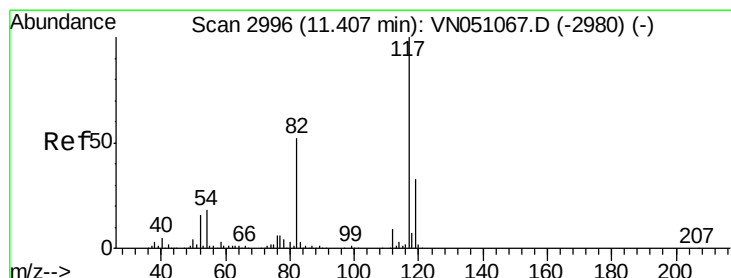
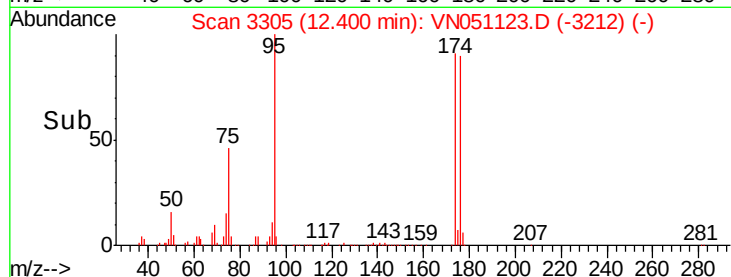
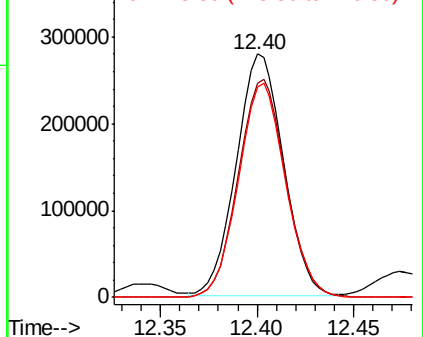
176 88.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051067.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051067.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051067.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

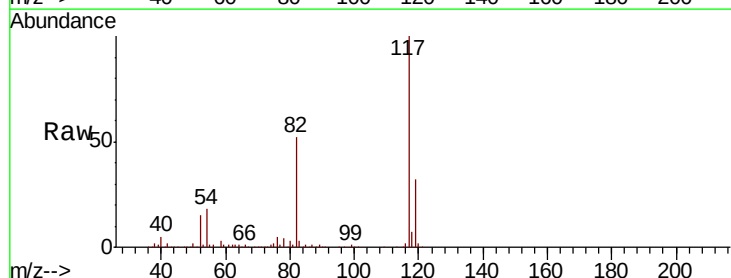
Tgt Ion: 117 Resp: 909078

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.6

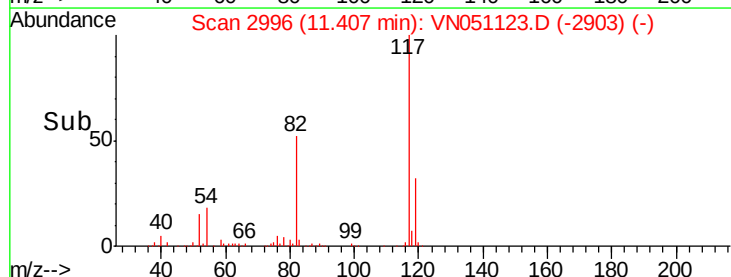
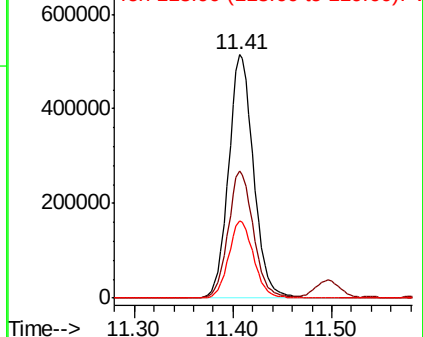
119 31.5 26.2 39.2

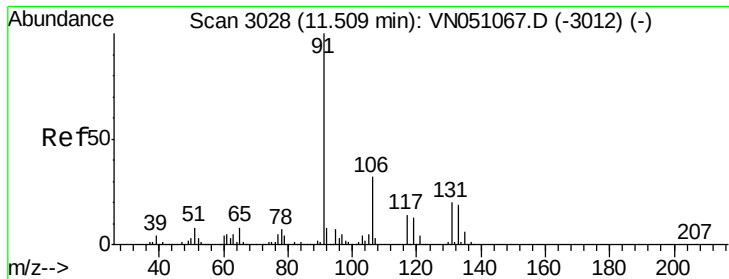


Abundance Ion 116.90 (116.60 to 117.60): VN051067.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051067.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051067.D (-2980) (-)

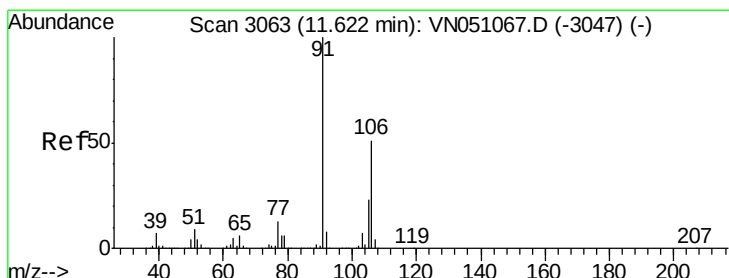
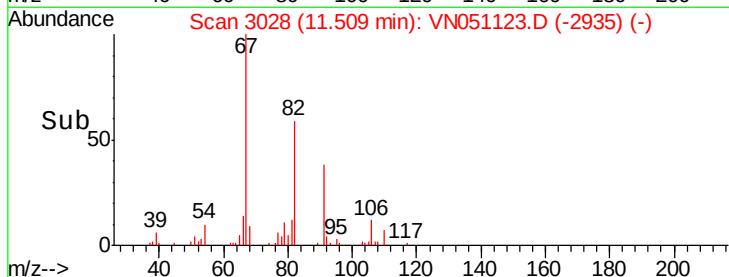
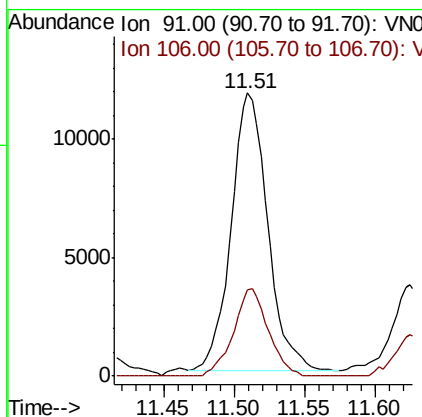
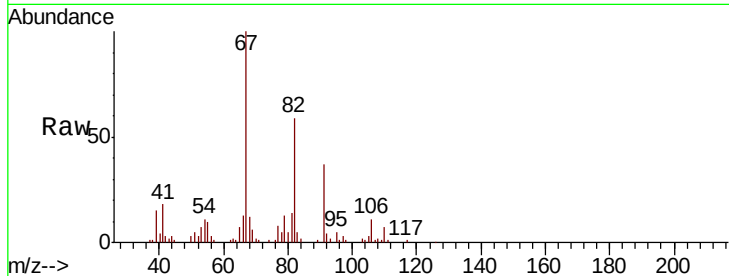




#67
Ethyl Benzene
Concen: 0.57 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

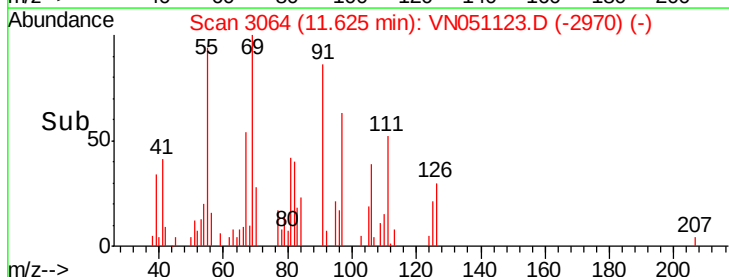
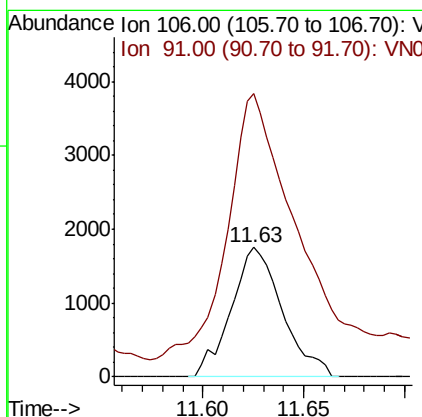
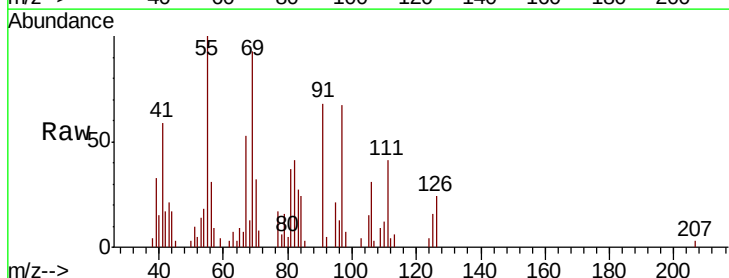
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-G

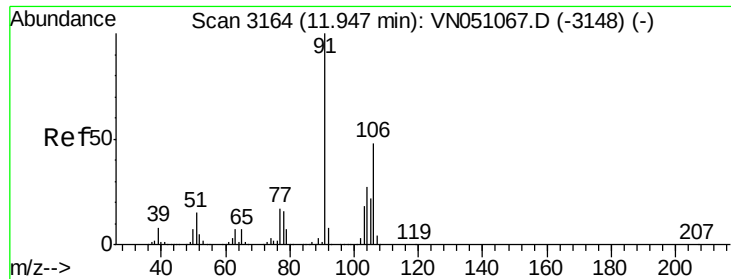
Tot Ion: 91 Resp: 21230
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.2



#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

Tgt Ion: 106 Resp: 3102
Ion Ratio Lower Upper
106 100
91 276.3 159.8 239.6#

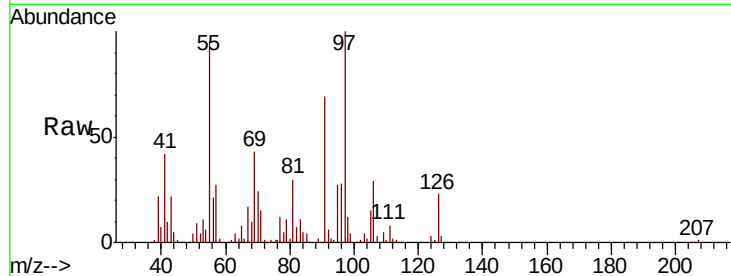




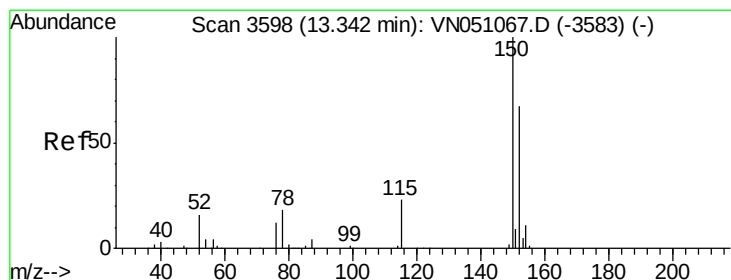
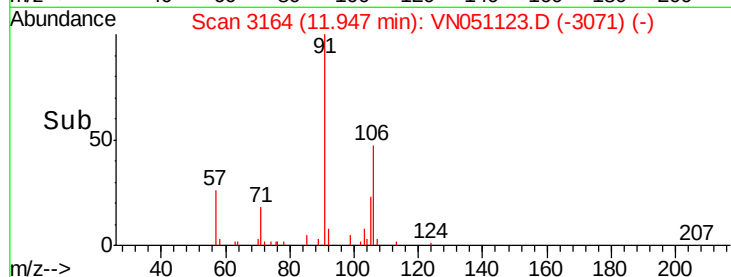
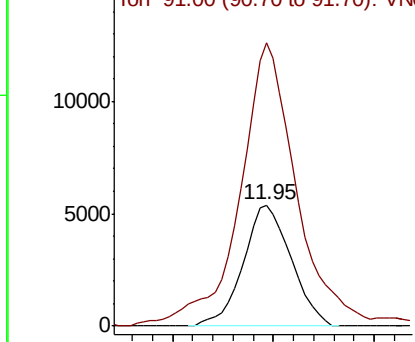
#69
o-Xylene
Concen: 0.65 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-G

Tot Ion:106 Resp: 8910
Ion Ratio Lower Upper
106 100
91 277.3 105.1 315.1

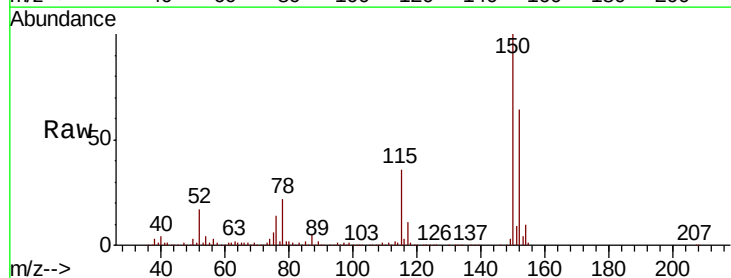


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

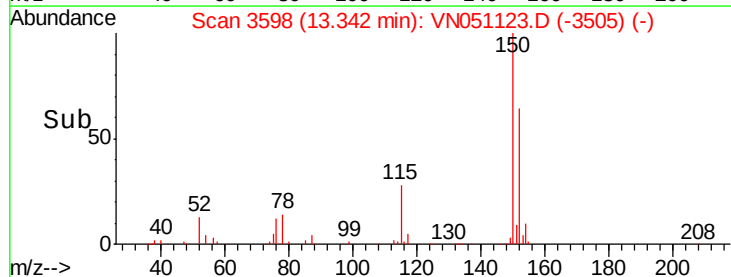
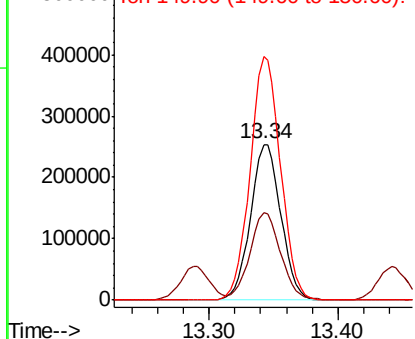


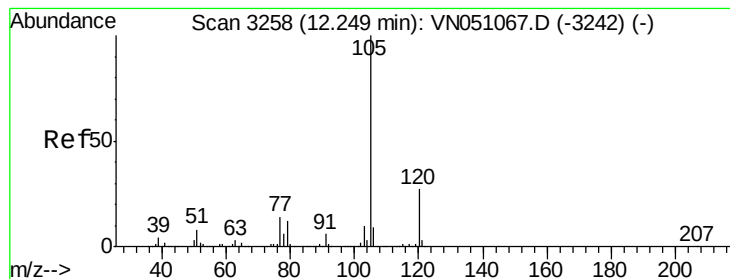
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

Tgt Ion:152 Resp: 417295
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 156.3 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: 92.19 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampled :

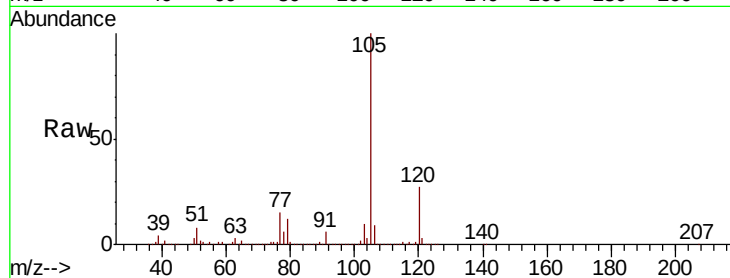
EP1-MW-G

Tot Ion:105 Resp: 3226302

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

2000000

1500000

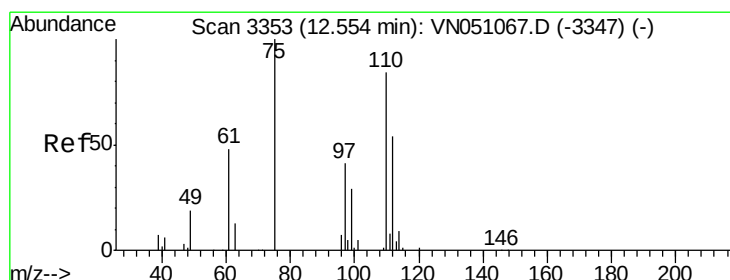
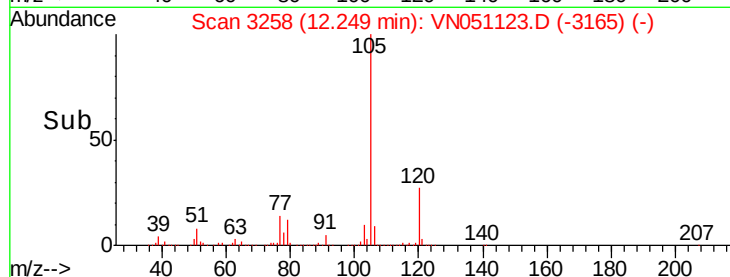
1000000

500000

0

Time-->

12.20 12.30



#76

1,2,3-Trichloropropane

Concen: 4.48 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN051123.D

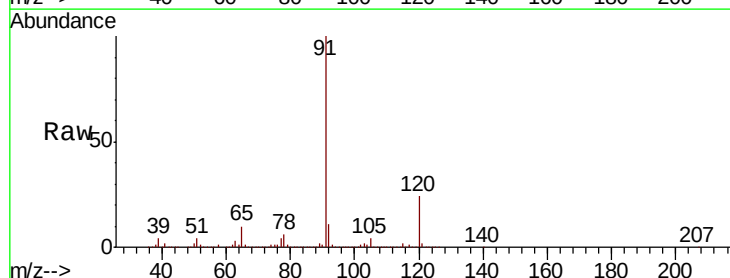
Acq: 11 Sep 2018 13:33

Tgt Ion: 75 Resp: 37725

Ion Ratio Lower Upper

75 100

77 709.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

12.59

150000

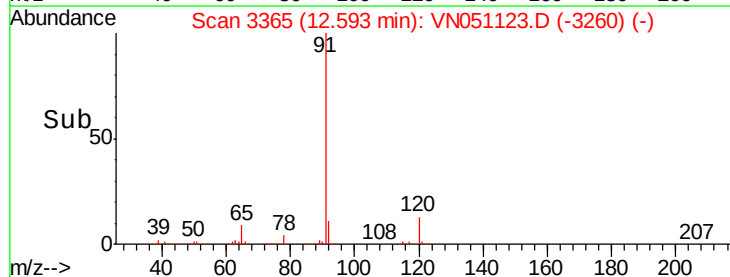
100000

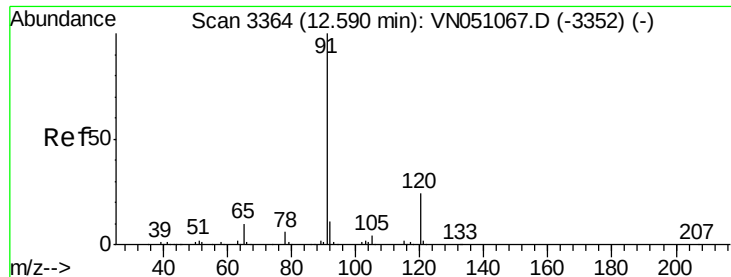
50000

0

Time-->

12.50 12.55 12.60 12.65





#78

n-propylbenzene

Concen: 182.20 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampled :

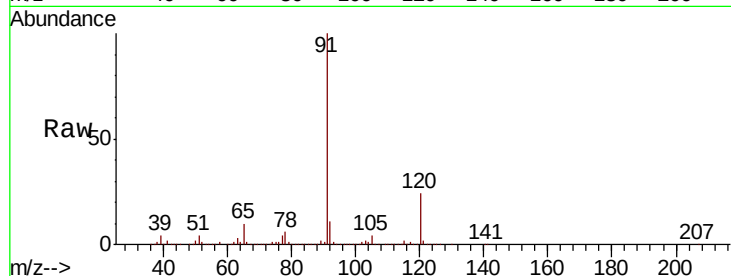
EP1-MW-G

Tot Ion: 91 Resp: 7008664

Ion Ratio Lower Upper

91 100

120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN051123.D (-3271) (-)

Ion 120.00 (119.70 to 120.70): VN051123.D (-3271) (-)

5000000

4000000

3000000

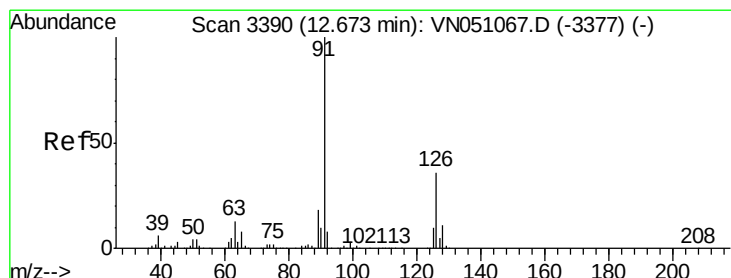
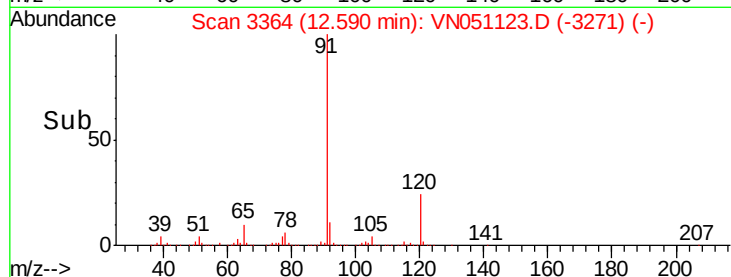
2000000

1000000

0

12.50 12.60 12.70

Time-->



#79

2-Chlorotoluene

Concen: 291.51 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN051123.D

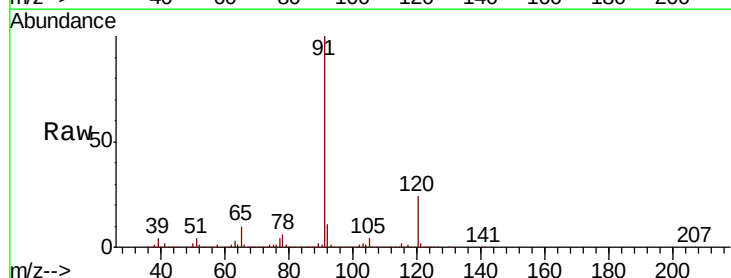
Acq: 11 Sep 2018 13:33

Tgt Ion: 91 Resp: 7008664

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN051123.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN051123.D (-3297) (-)

5000000

4000000

3000000

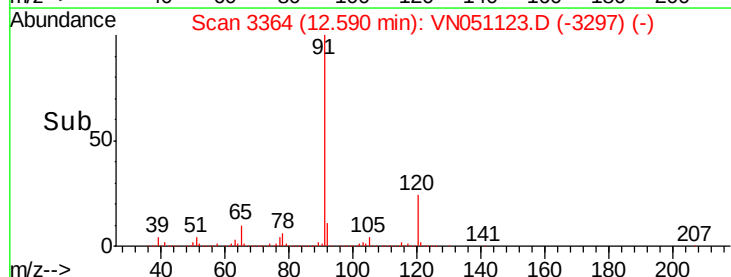
2000000

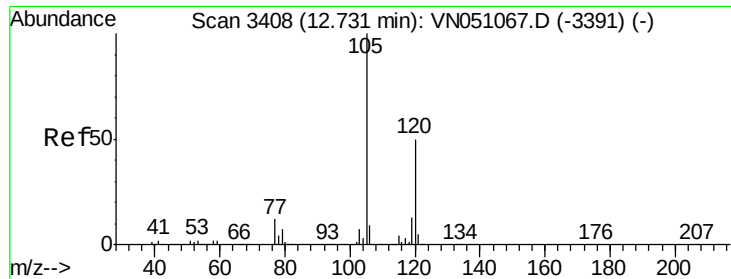
1000000

0

12.50 12.60 12.70

Time-->

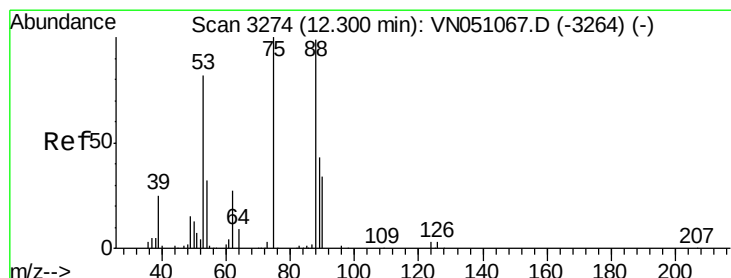
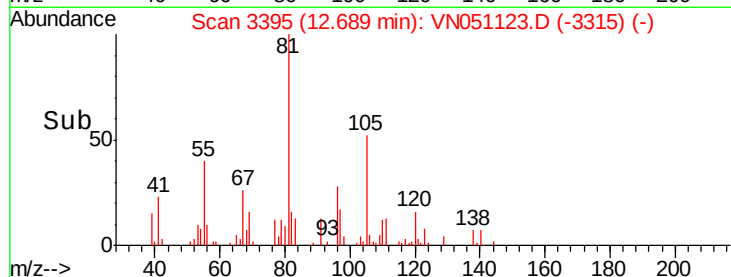
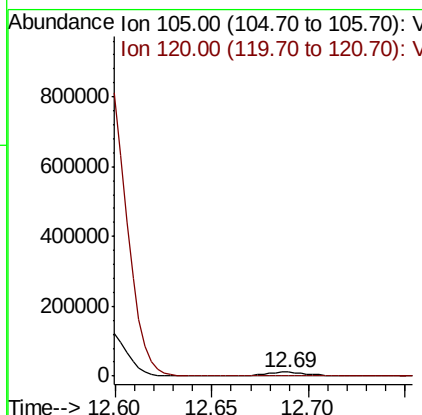
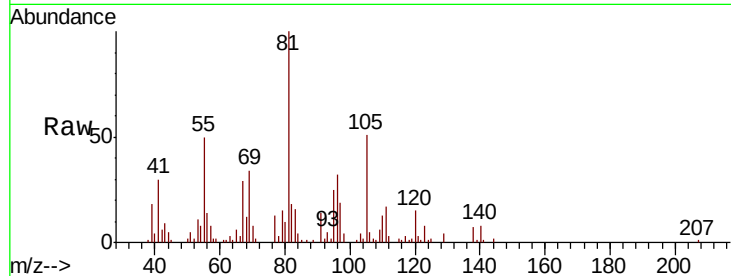




#80
 1,3,5-Trimethylbenzene
 Concen: 0.63 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. -0.04 min
 Lab File: VN051123.D
 Acq: 11 Sep 2018 13:33

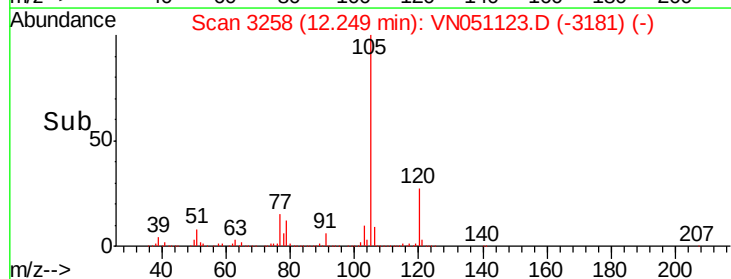
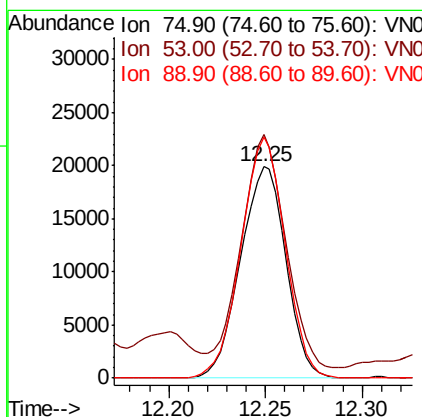
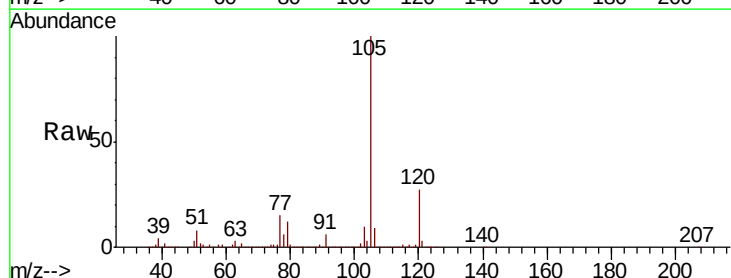
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-G

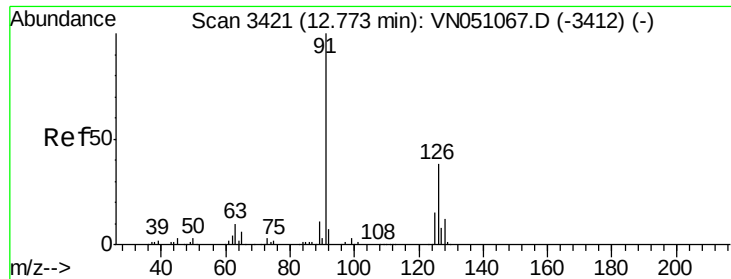
Tot Ion:105 Resp: 17906
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.9 74.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 14.81 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN051123.D
 Acq: 11 Sep 2018 13:33

Tgt Ion: 75 Resp: 32539
 Ion Ratio Lower Upper
 75 100
 53 107.1 67.8 101.8#
 89 110.7 36.0 54.0#

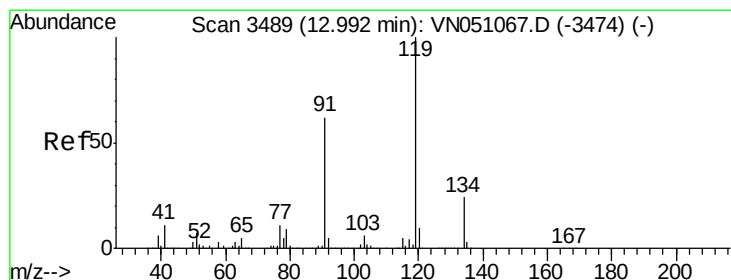
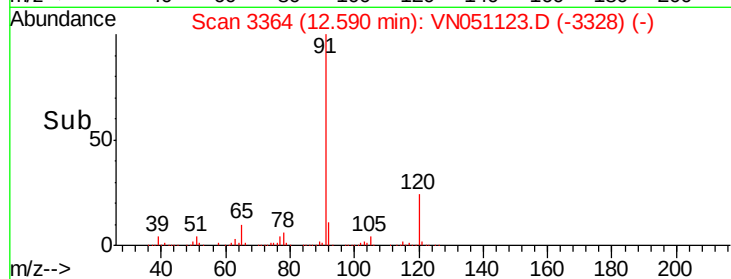
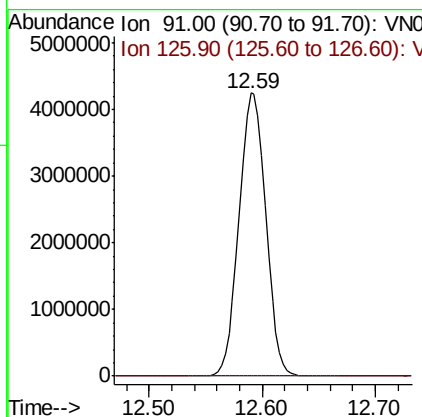
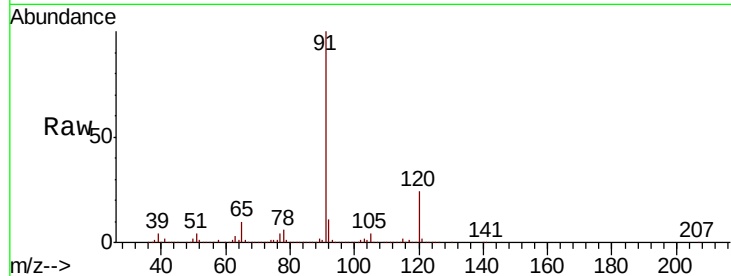




#82
4-Chlorotoluene
Concen: 293.67 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.18 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

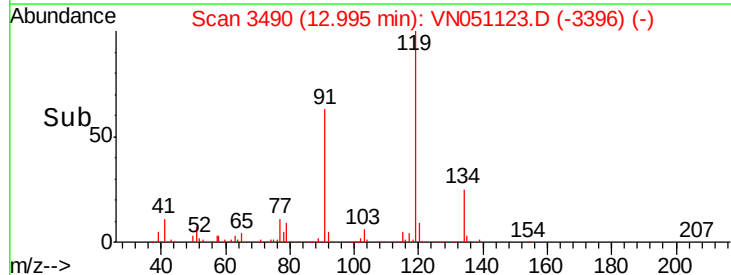
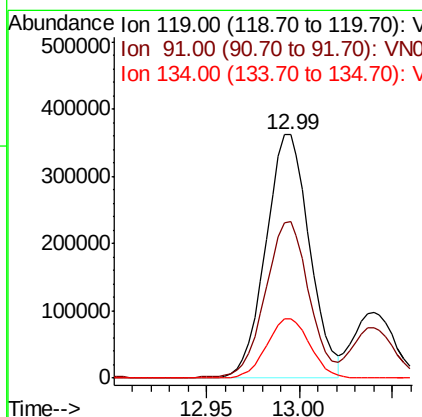
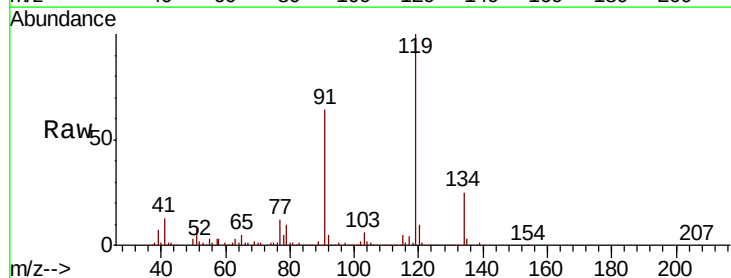
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-G

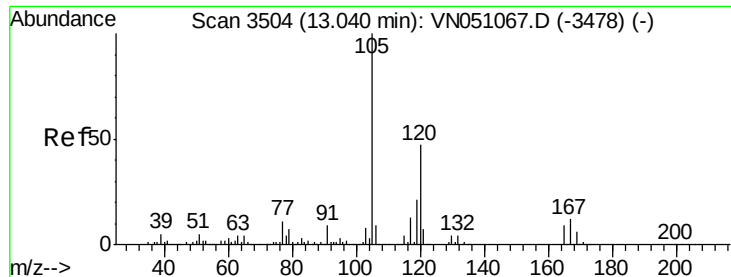
Tot Ion: 91 Resp: 7008664
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.8#



#83
tert-Butylbenzene
Concen: 23.84 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051123.D
Acq: 11 Sep 2018 13:33

Tgt Ion: 119 Resp: 595585
Ion Ratio Lower Upper
119 100
91 64.1 30.8 92.3
134 24.3 13.2 39.6

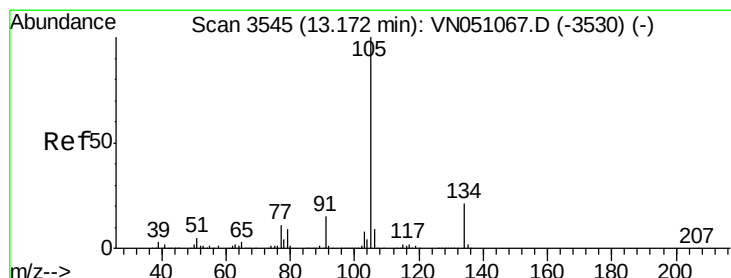
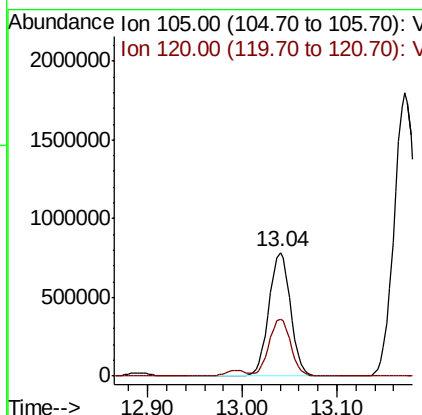
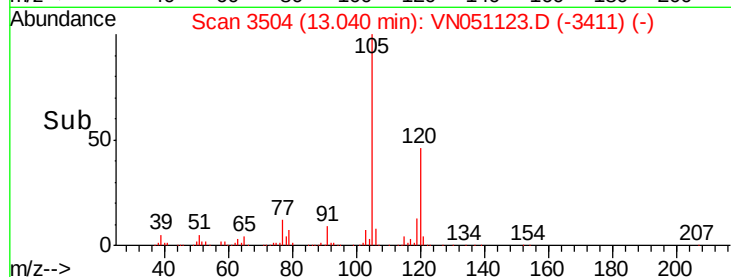
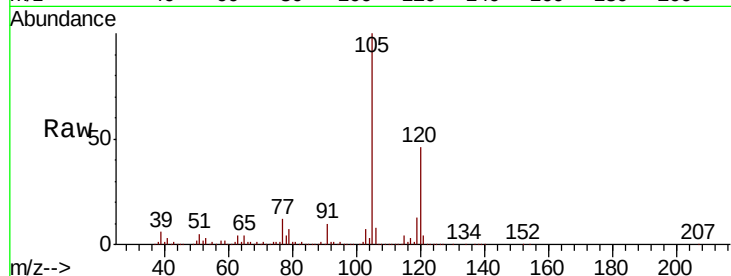




#84
 1,2,4-Trimethylbenzene
 Concen: 44.93 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051123.D
 Acq: 11 Sep 2018 13:33

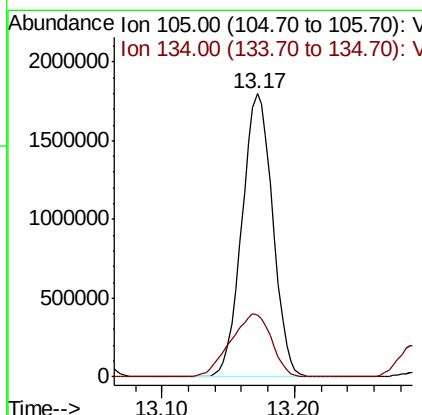
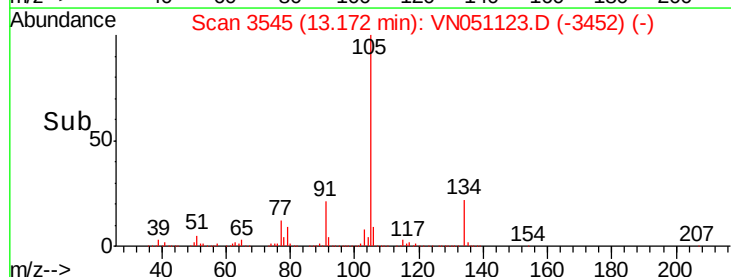
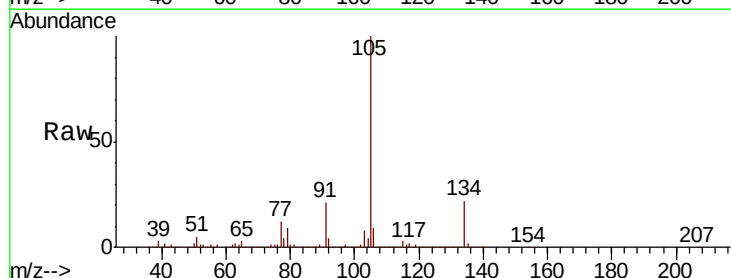
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-G

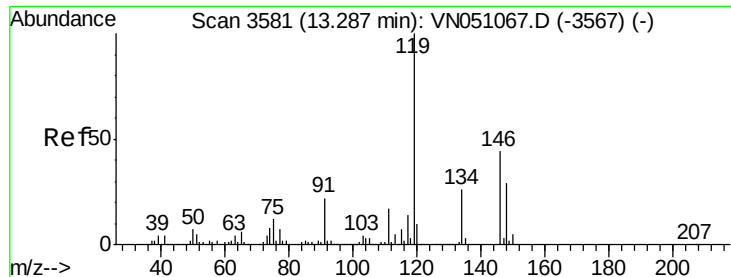
Tot Ion:105 Resp: 1249931
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.8



#85
 sec-Butylbenzene
 Concen: 90.00 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051123.D
 Acq: 11 Sep 2018 13:33

Tgt Ion:105 Resp: 2882957
 Ion Ratio Lower Upper
 105 100
 134 29.9 10.4 31.4

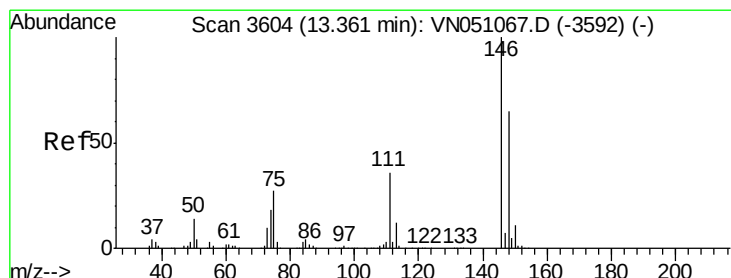
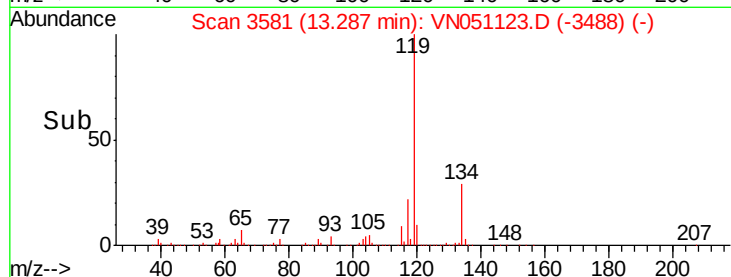
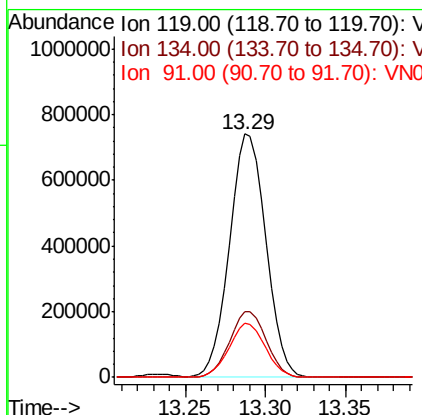
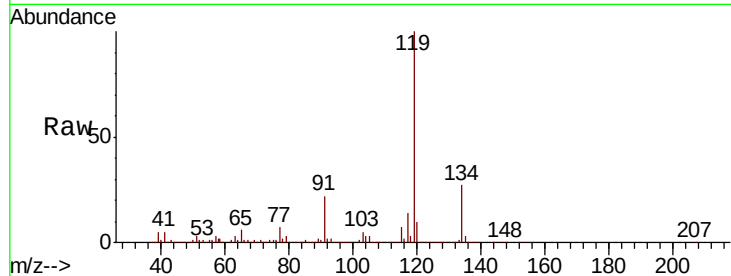




#86
 p-Isopropyltoluene
 Concen: 42.22 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN051123.D
 Acq: 11 Sep 2018 13:33

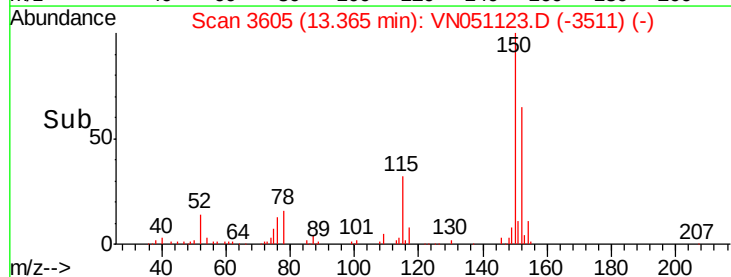
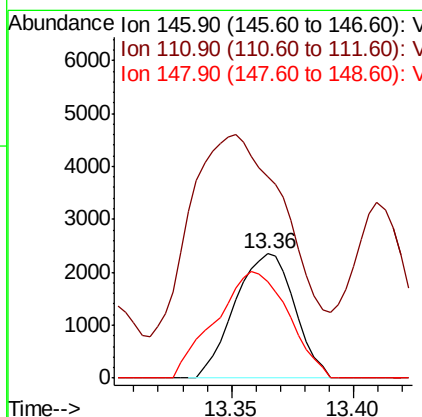
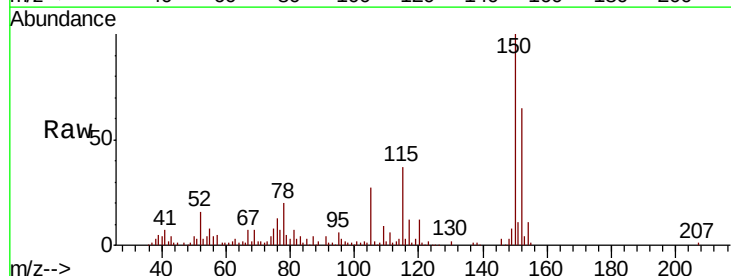
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-G

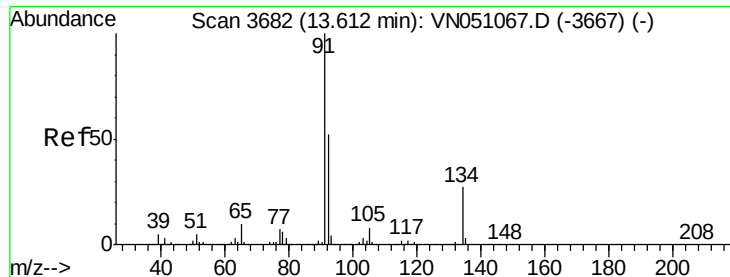
Tot Ion:119 Resp: 1146884
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.8 10.9 32.9



#88
 1,4-Dichlorobenzene
 Concen: 0.28 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051123.D
 Acq: 11 Sep 2018 13:33

Tgt Ion:146 Resp: 3987
 Ion Ratio Lower Upper
 146 100
 111 251.0 18.4 55.0#
 148 104.4 32.2 96.6#





#89

n-Butylbenzene

Concen: 62.27 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-G

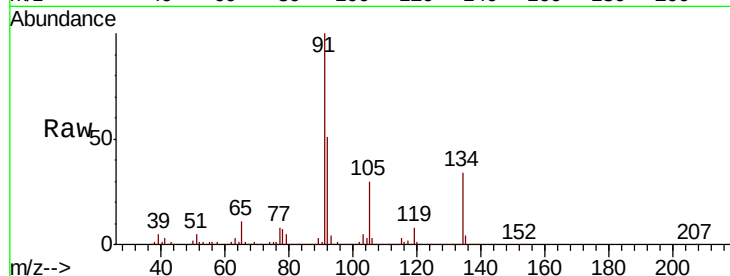
Tot Ion: 91 Resp: 1316276

Ion Ratio Lower Upper

91 100

92 44.7 26.2 78.6

134 0.0 13.7 41.1#

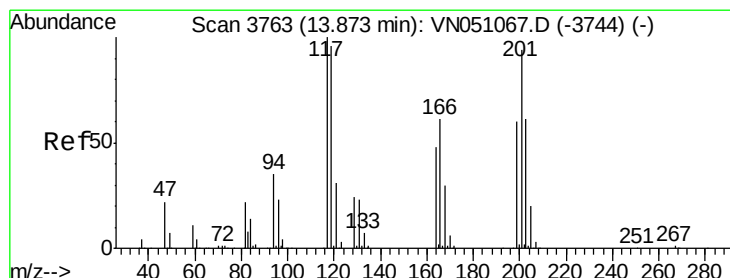
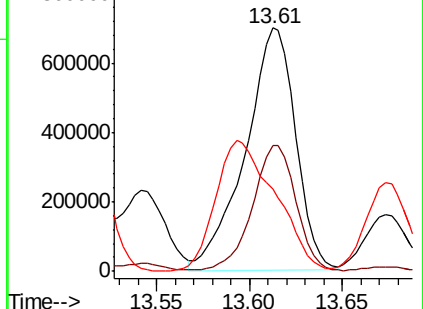
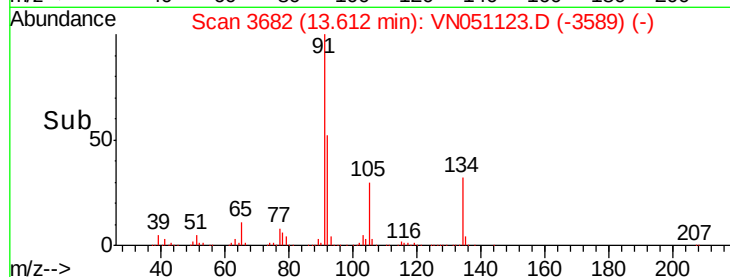


Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051067.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051067.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 23.00 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051123.D

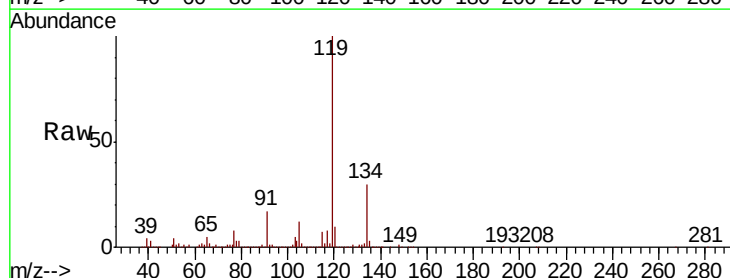
Acq: 11 Sep 2018 13:33

Tgt Ion: 117 Resp: 115401

Ion Ratio Lower Upper

117 100

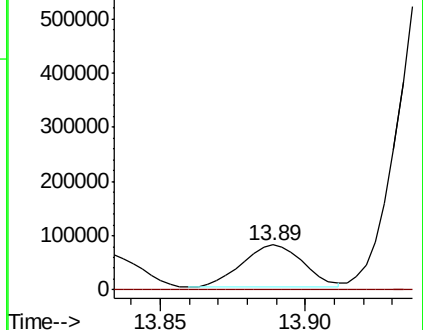
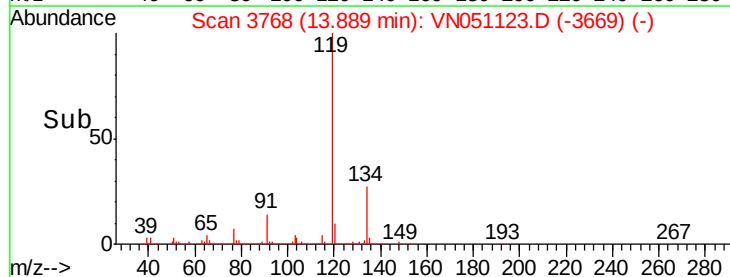
201 0.0 47.3 142.0#

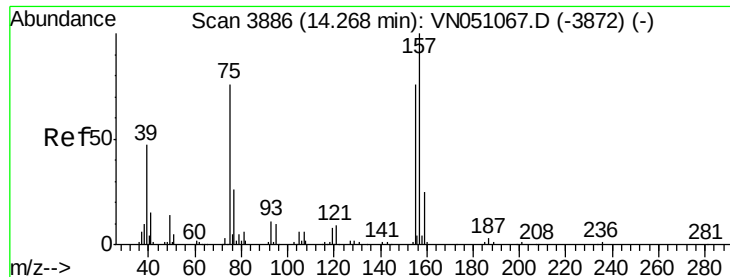


Abundance Ion 116.80 (116.50 to 117.50): VN051067.D (-3744) (-)

Ion 200.70 (200.40 to 201.40): VN051067.D (-3744) (-)

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 17.38 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-G

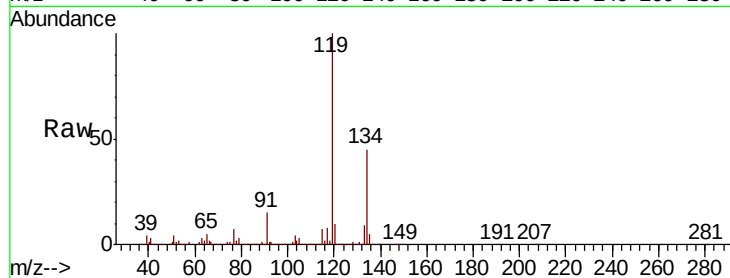
Tot Ion: 75 Resp: 20255

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

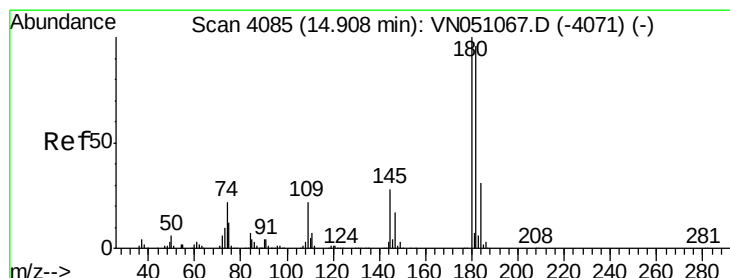
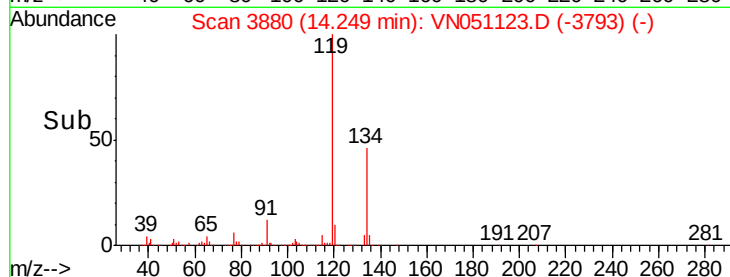
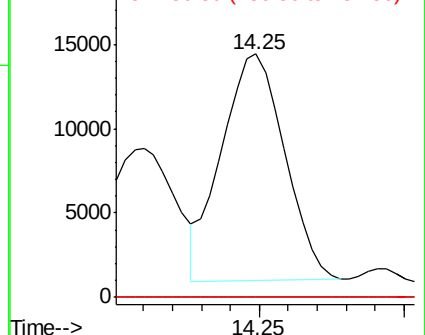
157 0.0 63.6 190.9#



Abundance Ion 74.90 (74.60 to 75.60): VN051067.D (-3872) (-)

Ion 154.80 (154.50 to 155.50): VN051067.D (-3872) (-)

Ion 156.80 (156.50 to 157.50): VN051067.D (-3872) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.04 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

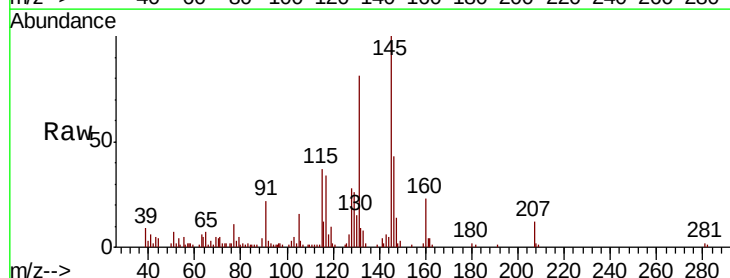
Tgt Ion: 180 Resp: 444

Ion Ratio Lower Upper

180 100

182 90.1 47.3 141.8

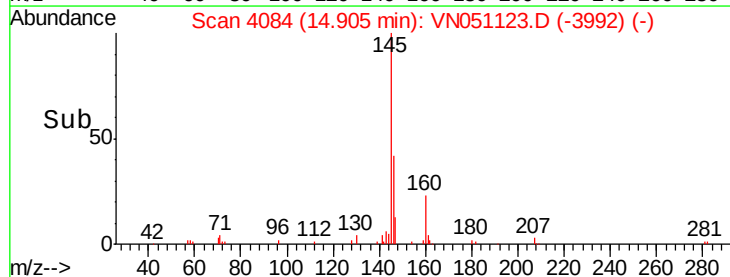
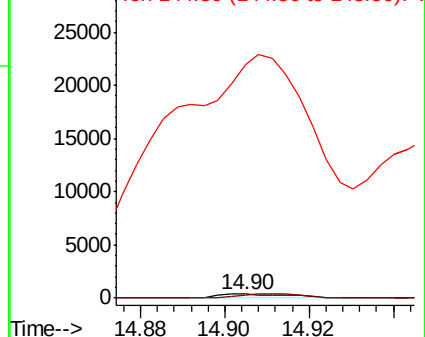
145 13850.2 14.2 42.6#

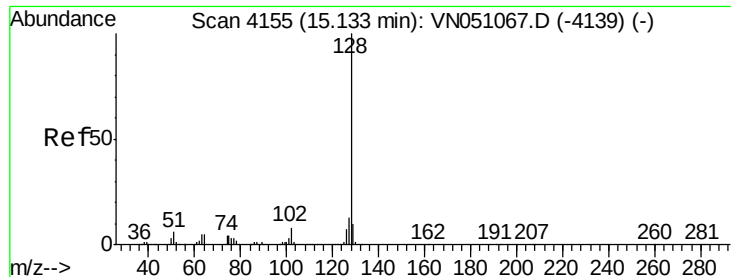


Abundance Ion 179.80 (179.50 to 180.50): VN051067.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN051067.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN051067.D (-4071) (-)





#95

Naphthalene

Concen: 5.64 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-G

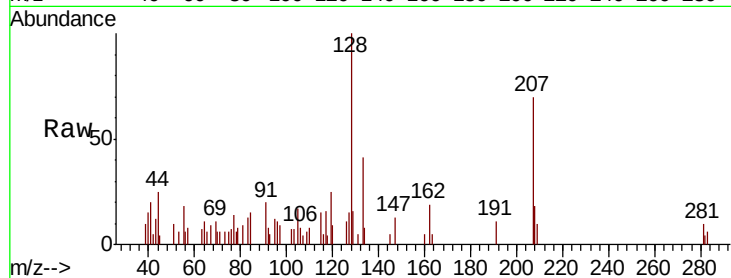
Tot Ion:128 Resp: 5272

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

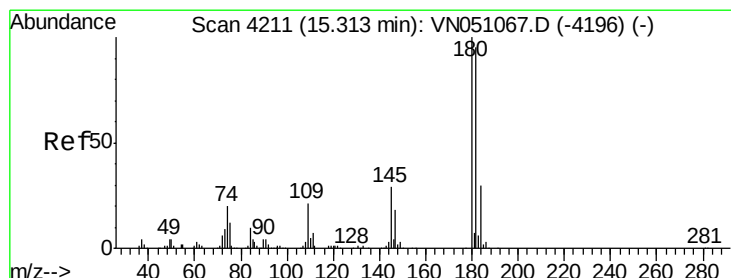
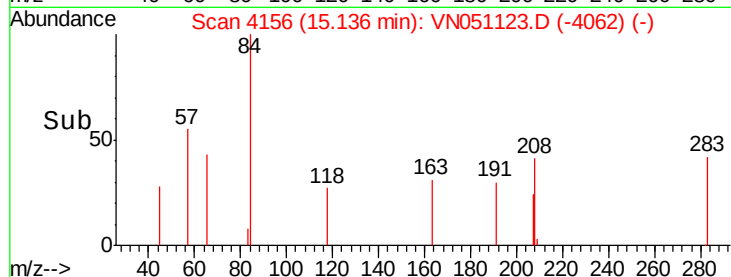
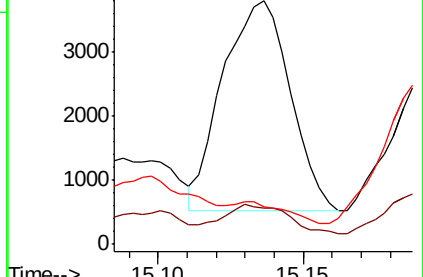
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.00 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051123.D

Acq: 11 Sep 2018 13:33

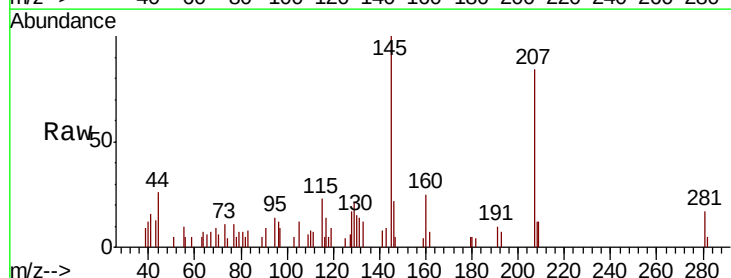
Tgt Ion:180 Resp: 372

Ion Ratio Lower Upper

180 100

182 56.7 47.8 143.3

145 0.0 14.6 43.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

