

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051126.D
 Acq On : 11 Sep 2018 14:47
 Operator : MD\SY
 Sample : J4849-04DL 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DDL

Quant Time: Sep 12 01:05:09 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	693004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	908474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	365804	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	396915	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	7.59	113	391346	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.09	98	1456117	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.40	95	441992	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	3162	Below Cal		97
5) Bromomethane	2.57	94	2441	Below Cal		84
10) Methyl Iodide	3.96	142	719	5.72	ug/l #	44
11) Tert butyl alcohol	4.81	59	217	0.37	ug/l #	73
16) Acetone	3.82	43	695	Below Cal	#	40
17) Carbon Disulfide	4.05	76	6211	0.40	ug/l #	92
18) Methyl Acetate	4.34	43	1818	0.29	ug/l	93
31) Cyclohexane	7.67	56	10496	0.60	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	43602	3.76	ug/l #	48
38) Carbon Tetrachloride	7.67	117	58514	5.13	ug/l #	16
43) Isopropyl Acetate	8.29	43	56791	4.80	ug/l #	51
51) 4-Methyl-2-Pentanone	10.09	43	5381	0.82	ug/l #	1
56) Ethyl methacrylate	10.44	69	473	2.50	ug/l #	1
67) Ethyl Benzene	11.51	91	18552	0.50	ug/l	99
68) m/p-Xylenes	11.63	106	13725	0.96	ug/l	89
73) Isopropylbenzene	12.25	105	150021	4.89	ug/l	100
74) N-amyl acetate	12.04	43	1849	0.24	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.48	83	636	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	200356	34.88	ug/l #	100
78) n-propylbenzene	12.59	91	356024	10.56	ug/l	99
79) 2-Chlorotoluene	12.69	91	16404	0.78	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	96896	3.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	200356	104.02	ug/l #	15
82) 4-Chlorotoluene	12.69	91	16404	0.78	ug/l #	40
83) tert-Butylbenzene	12.99	119	15026	0.69	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	1919702	78.72	ug/l	100
85) sec-Butylbenzene	13.17	105	84623	3.01	ug/l	80
86) p-Isopropyltoluene	13.29	119	49004	2.06	ug/l	99
89) n-Butylbenzene	13.61	91	41161	2.22	ug/l #	75
90) Hexachloroethane	13.89	117	16074	3.13	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	757	1.37	ug/l #	1
95) Naphthalene	15.13	128	5695	5.71	ug/l	96

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

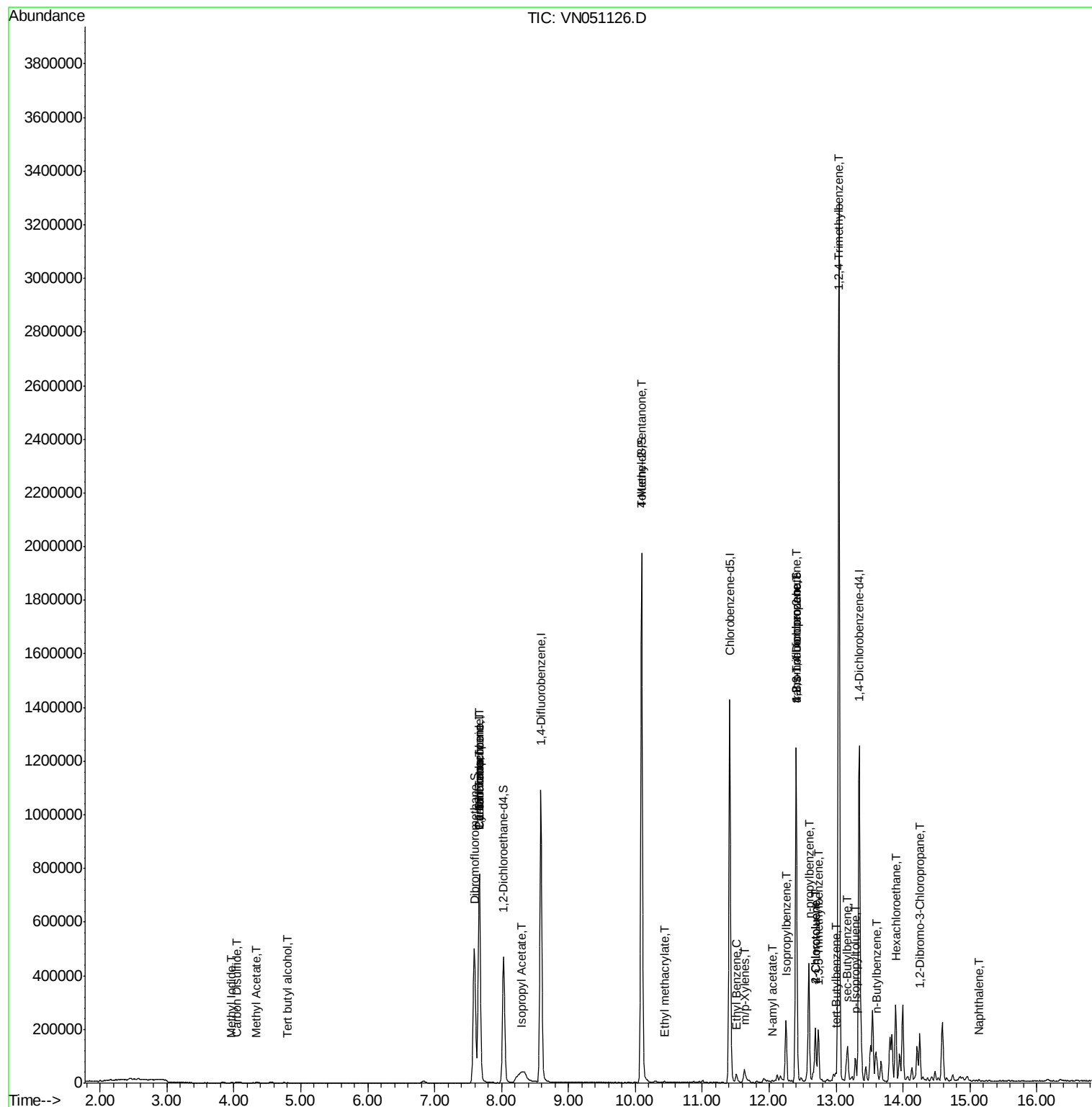
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

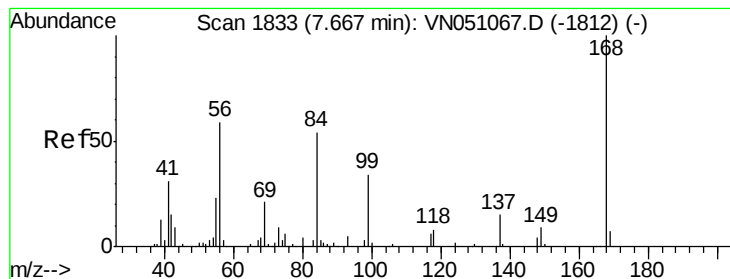
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

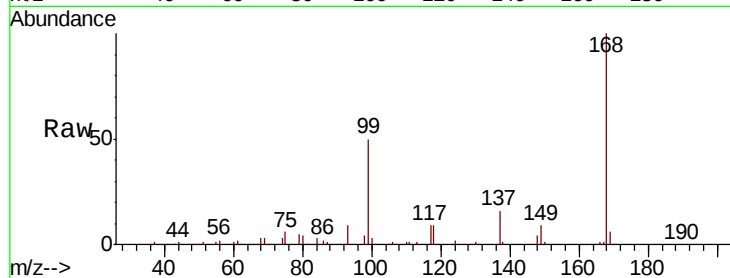
EP1-MW-DDL

Tot Ion:168 Resp: 693004

Ion Ratio Lower Upper

168 100

99 49.7 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

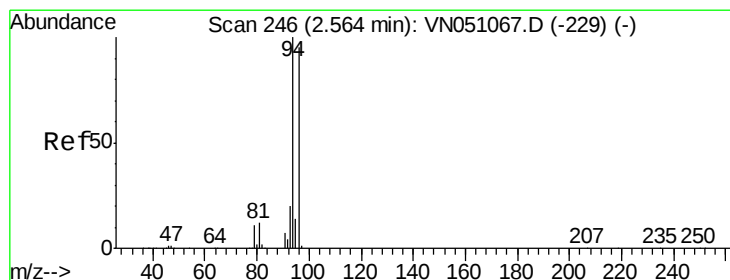
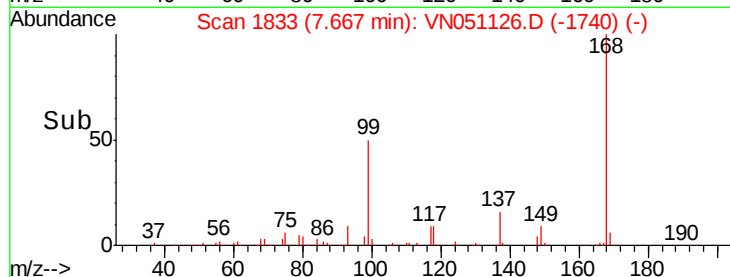
200000

100000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051126.D

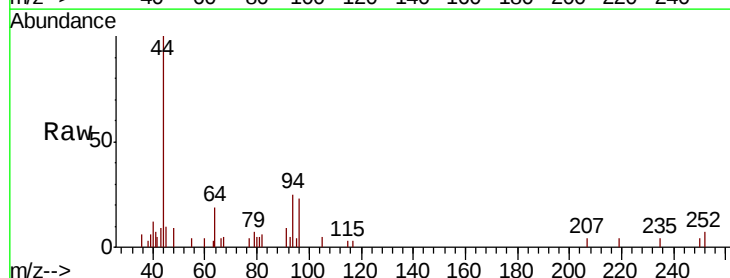
Acq: 11 Sep 2018 14:47

Tgt Ion: 94 Resp: 2441

Ion Ratio Lower Upper

94 100

96 79.8 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.57

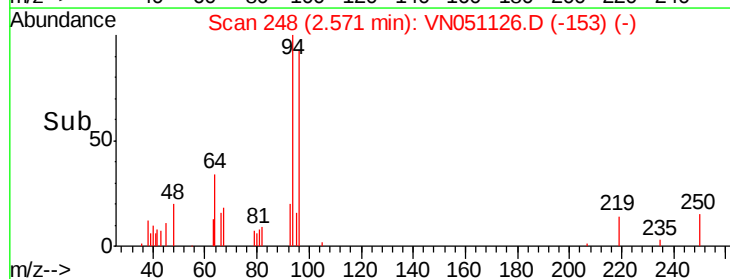
1000

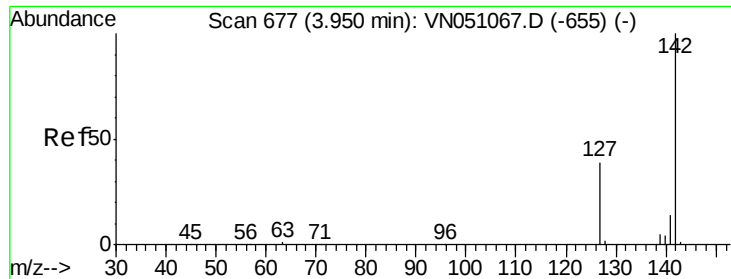
500

0

2.55 2.60

Time-->

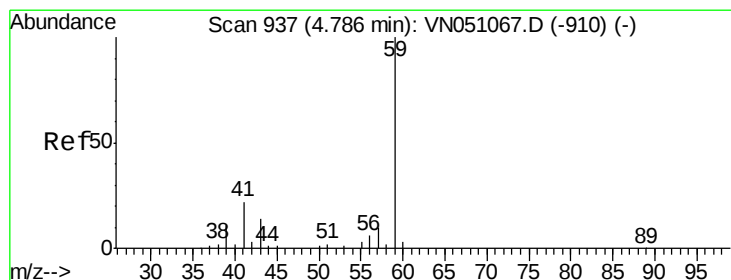
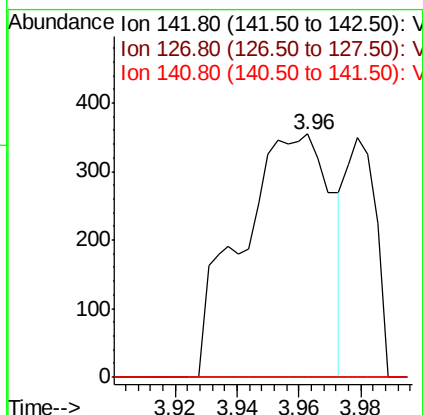
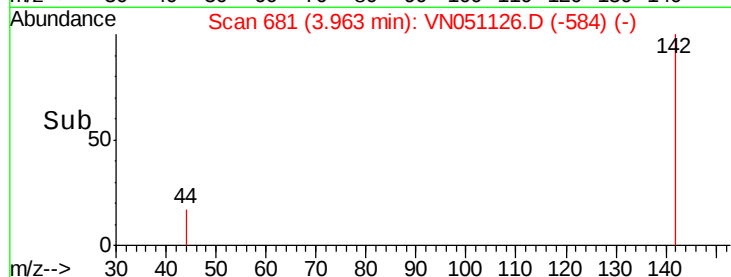
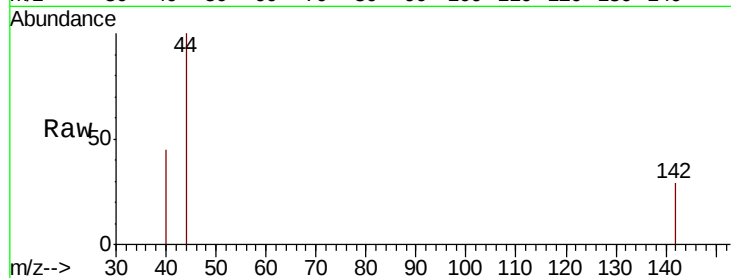




#10
Methyl Iodide
Concen: 5.72 ug/l
RT: 3.96 min Scan# 681
Delta R.T. 0.01 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

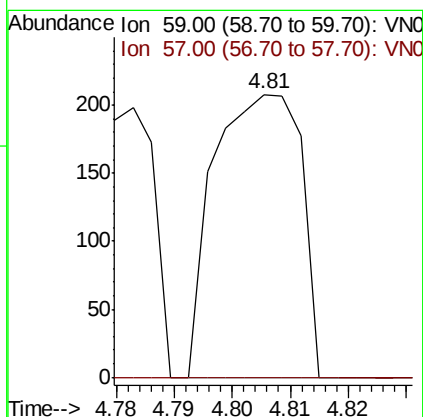
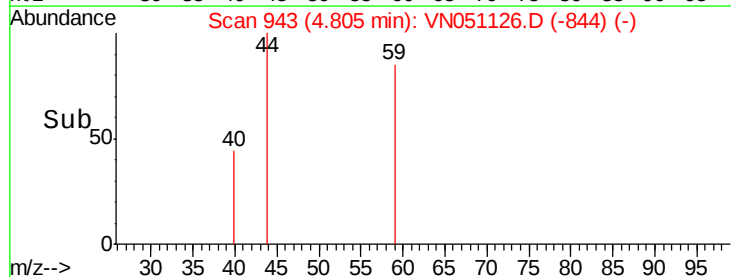
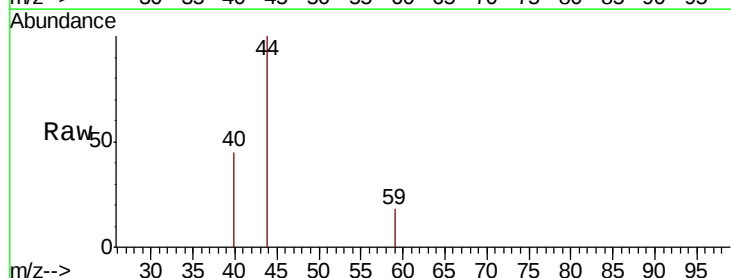
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DDL

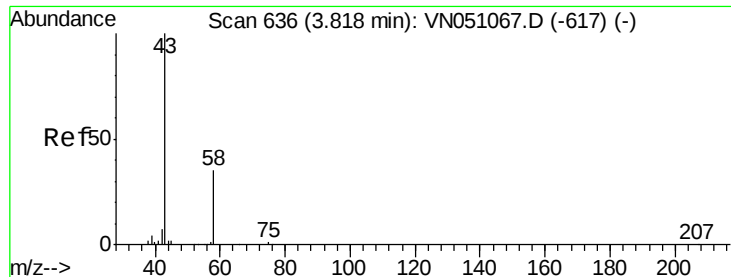
Tot Ion:142 Resp: 719
Ion Ratio Lower Upper
142 100
127 0.0 31.0 46.4#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 4.81 min Scan# 943
Delta R.T. 0.02 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

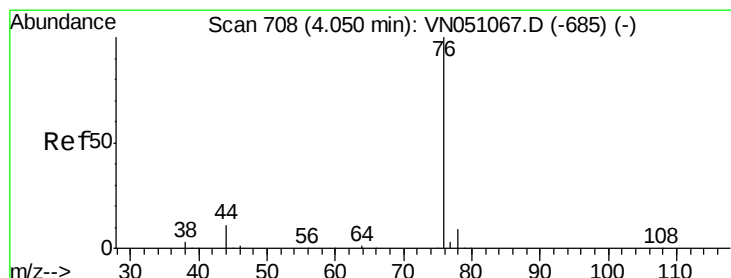
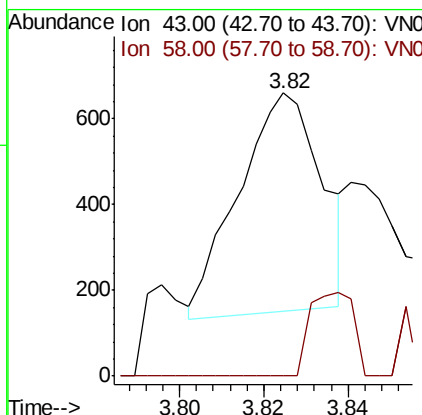
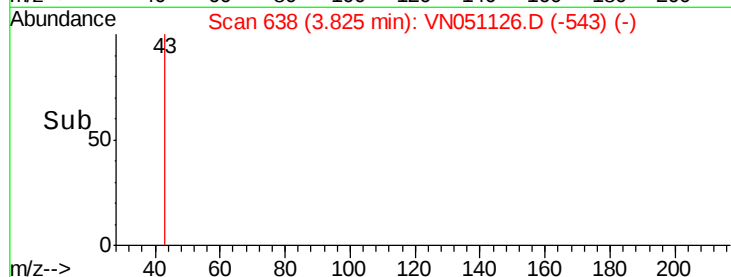
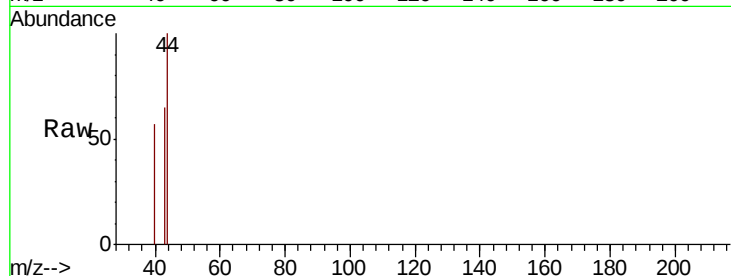




#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

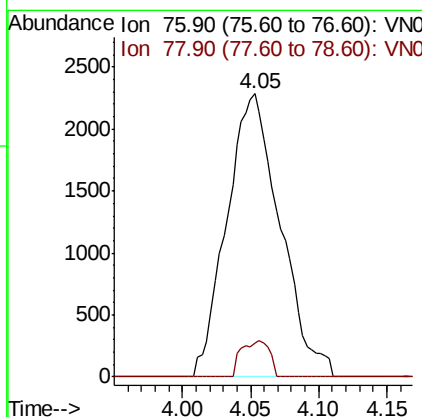
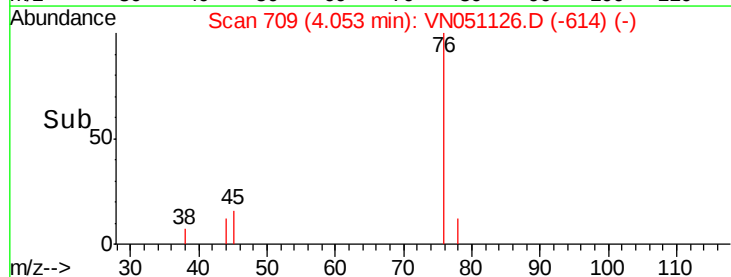
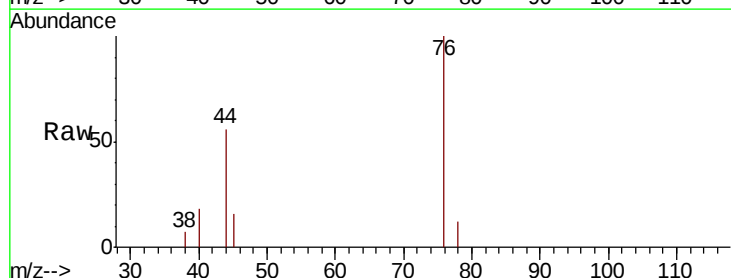
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DDL

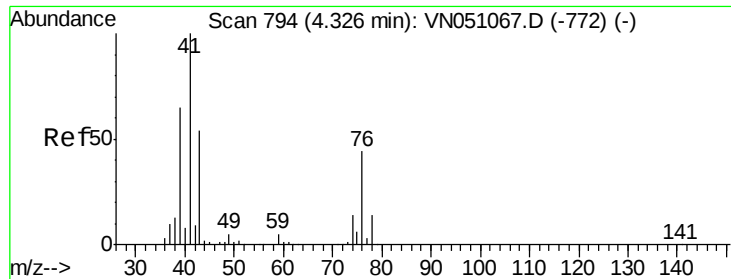
Tot Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.6#



#17
Carbon Disulfide
Concen: 0.40 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Tgt Ion: 76 Resp: 6211
Ion Ratio Lower Upper
76 100
78 11.7 7.0 10.6#

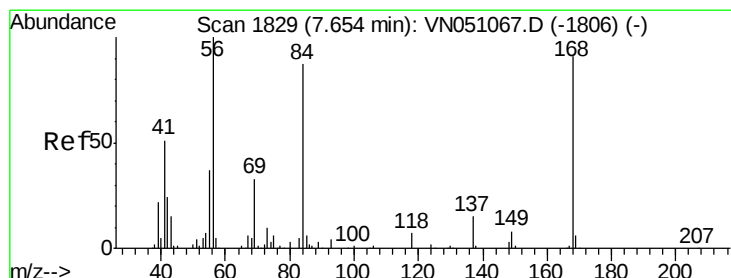
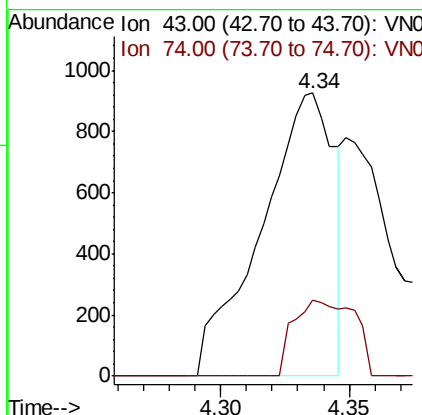
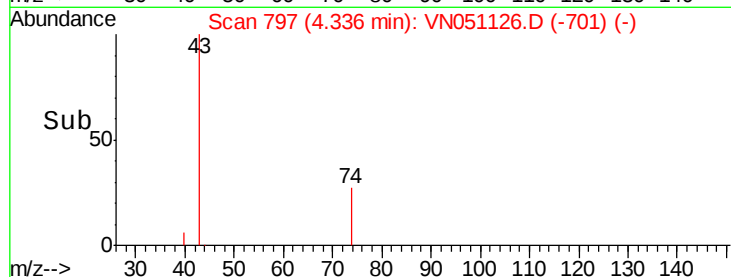
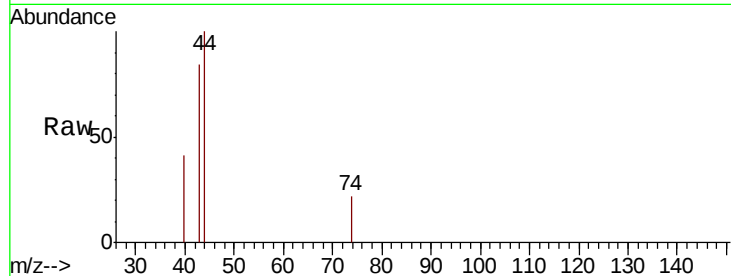




#18
Methvl Acetate
Concen: 0.29 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

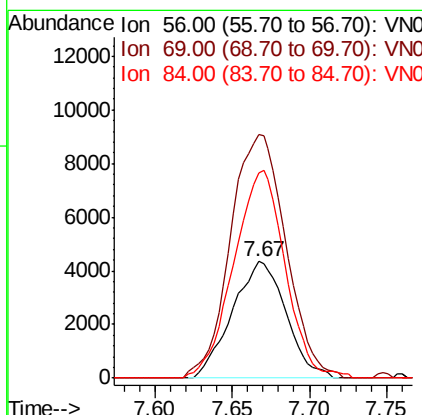
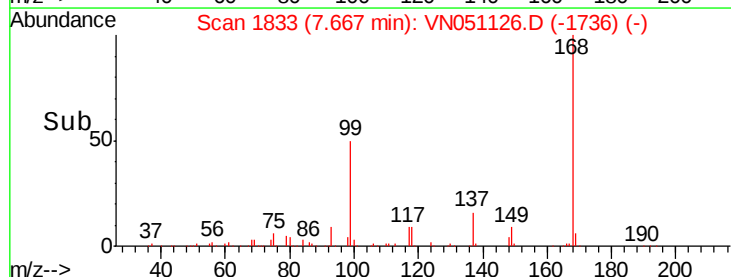
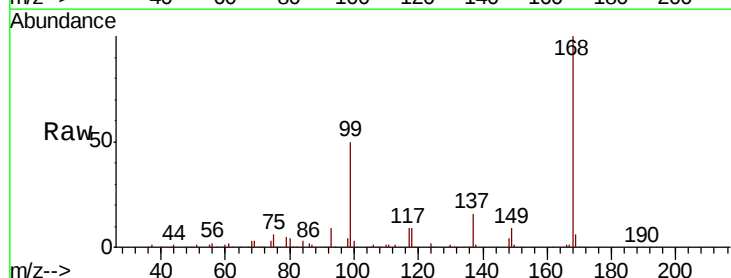
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DDL

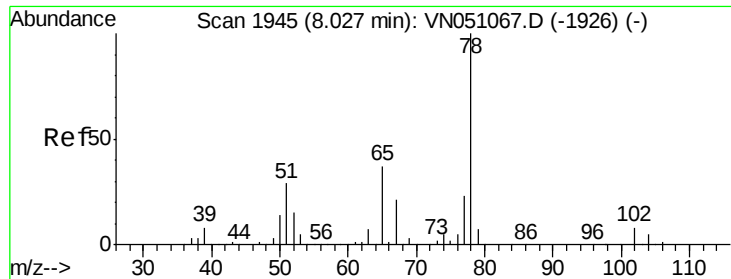
Tot Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
74 22.3 20.7 31.1



#31
Cyclohexane
Concen: 0.60 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Tgt Ion: 56 Resp: 10496
Ion Ratio Lower Upper
56 100
69 204.7 26.3 39.5#
84 172.7 69.4 104.0#

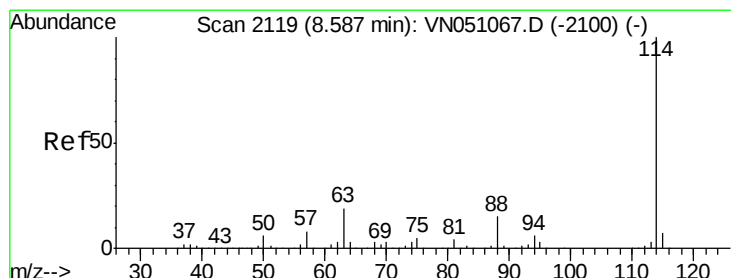
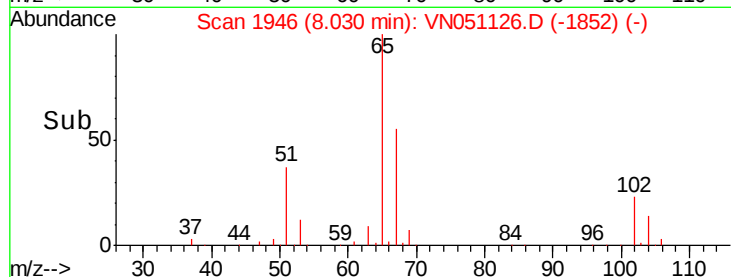
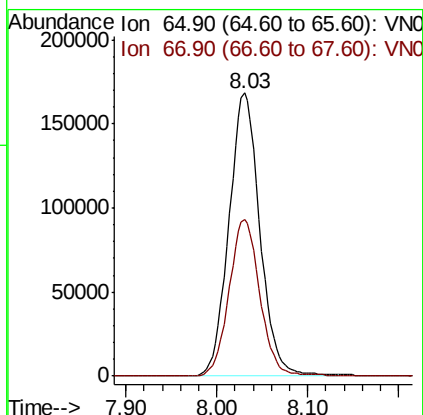
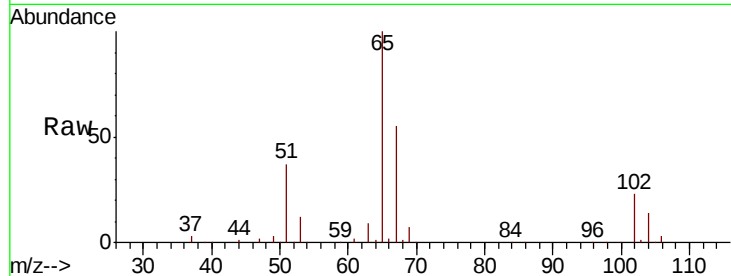




#33
 1,2-Dichloroethane-d4
 Concen: 51.47 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051126.D
 Acq: 11 Sep 2018 14:47

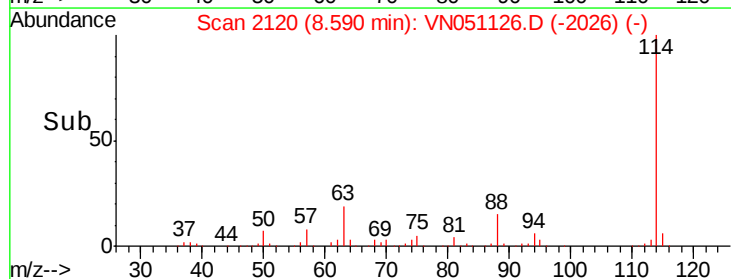
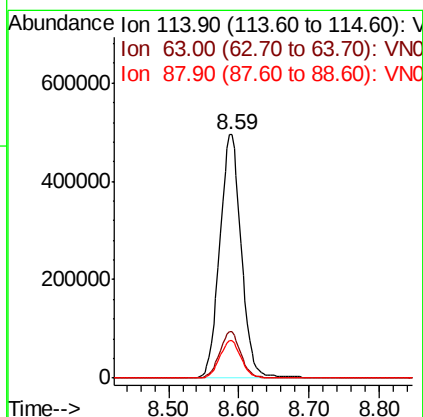
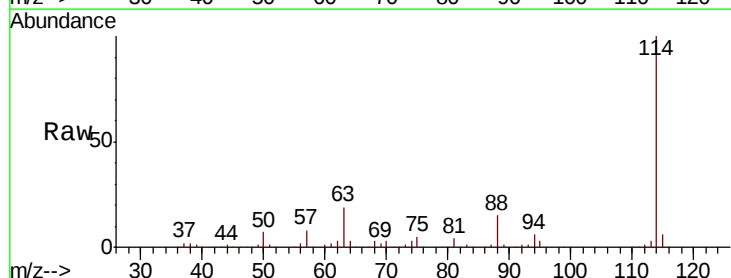
Instrument :
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 ClientSampleId :
 EP1-MW-DDL

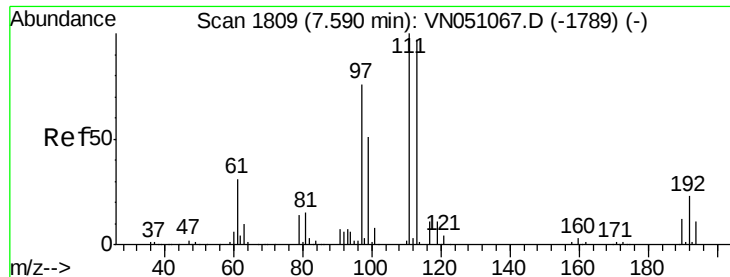
Tot Ion: 65 Resp: 396915
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051126.D
 Acq: 11 Sep 2018 14:47

Tgt Ion: 114 Resp: 1054948
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.8
 88 15.3 0.0 30.8

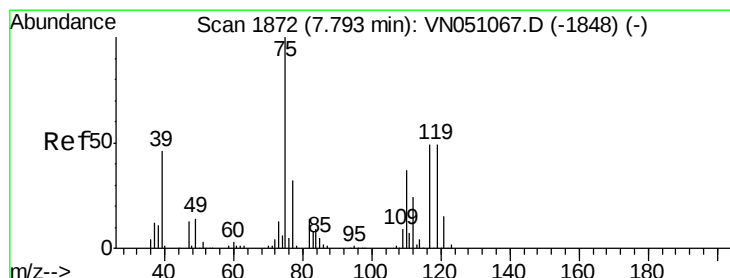
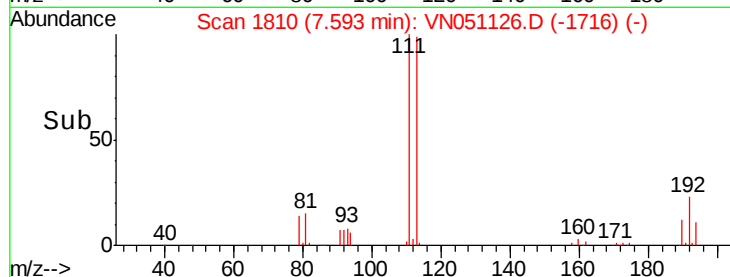
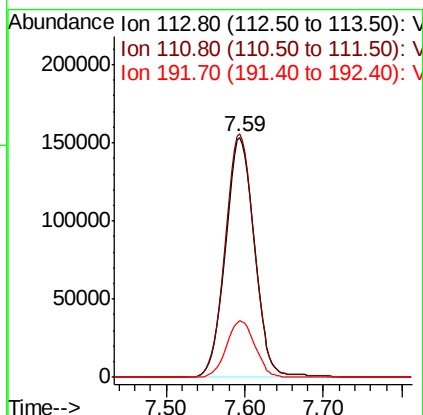
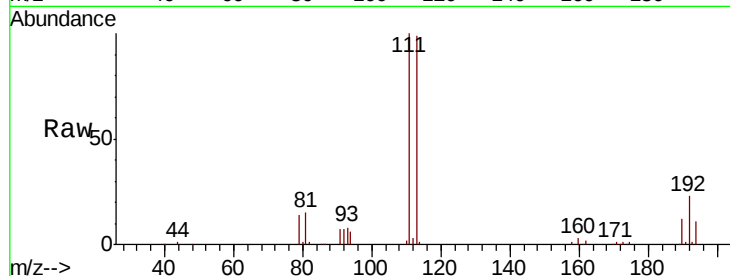




#35
 Dibromofluoromethane
 Concen: 49.37 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051126.D
 Acq: 11 Sep 2018 14:47

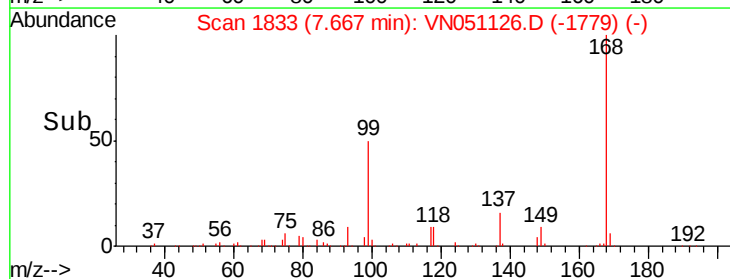
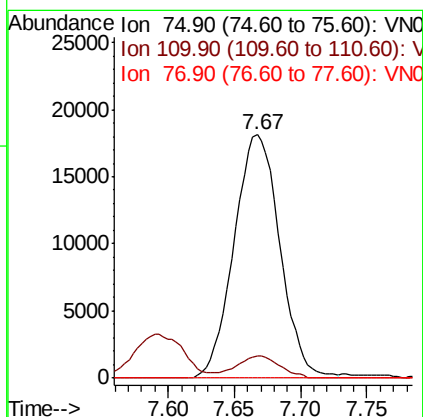
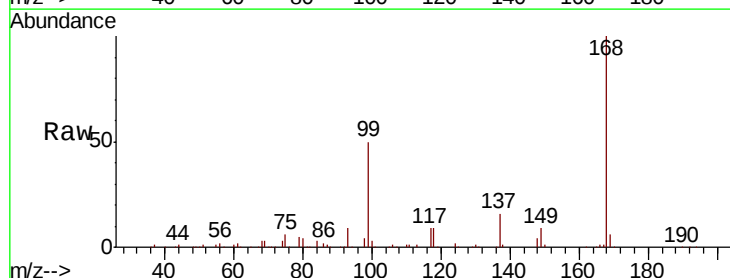
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-DDL

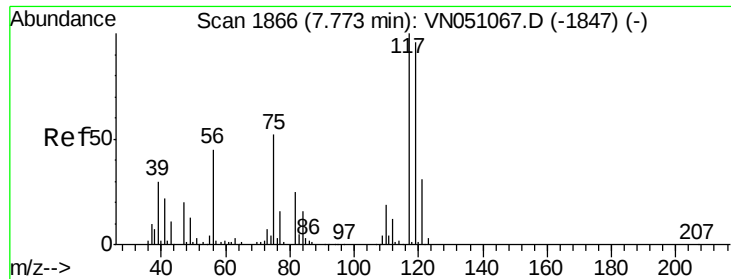
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.6
192	23.3	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051126.D
 Acq: 11 Sep 2018 14:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.6	55.8#
77	0.0	25.2	37.8#





#38

Carbon Tetrachloride

Concen: 5.13 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DDL

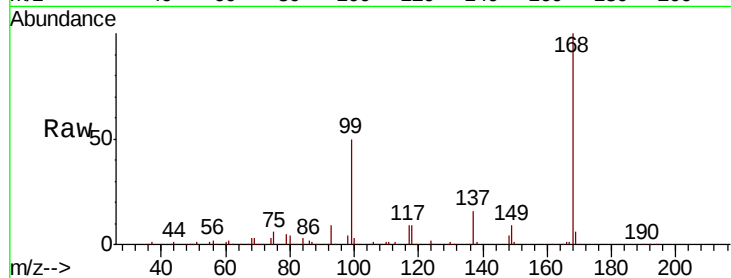
Tot Ion:117 Resp: 58514

Ion Ratio Lower Upper

117 100

119 5.4 76.8 115.2#

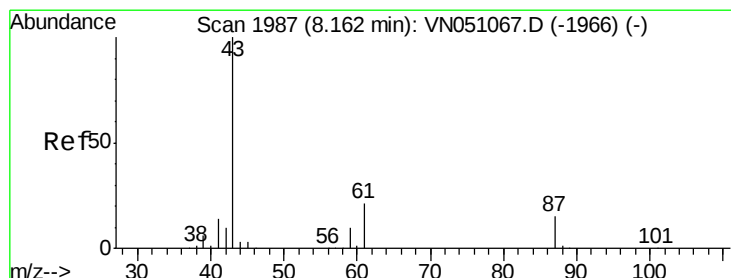
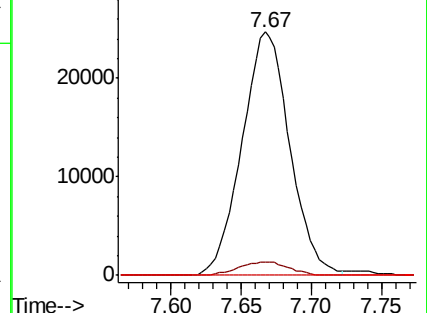
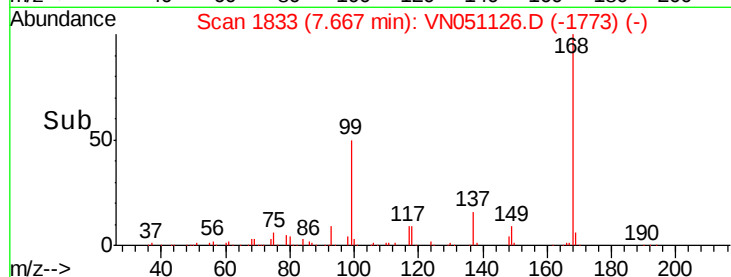
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 4.80 ug/l

RT: 8.29 min Scan# 2027

Delta R.T. 0.13 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

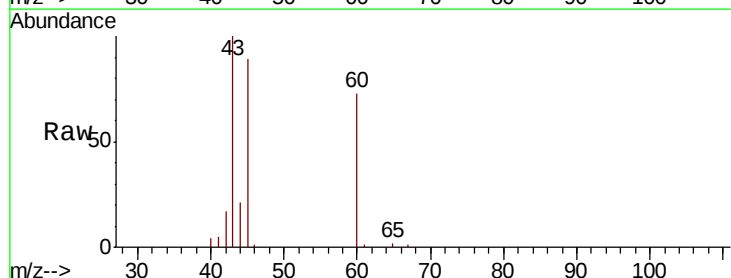
Tgt Ion: 43 Resp: 56791

Ion Ratio Lower Upper

43 100

61 0.9 25.0 37.6#

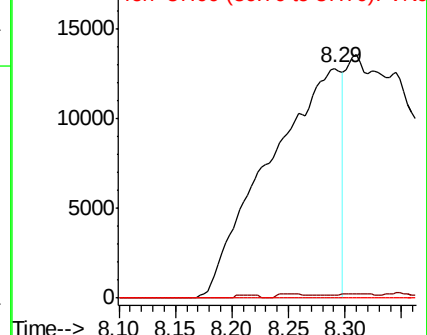
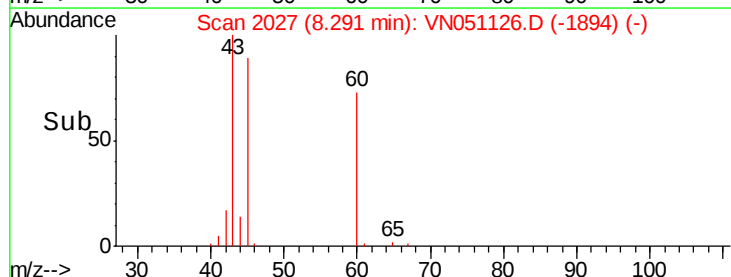
87 0.0 11.8 17.8#

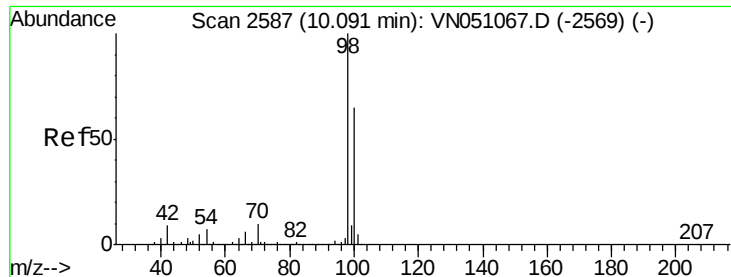


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

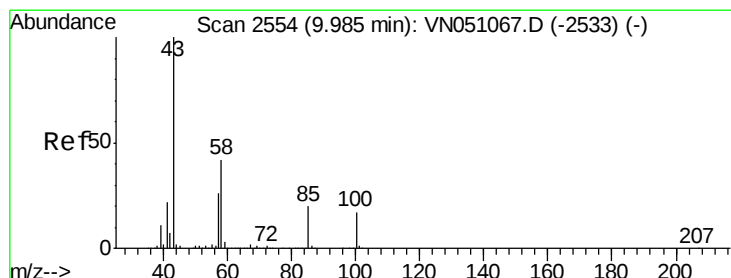
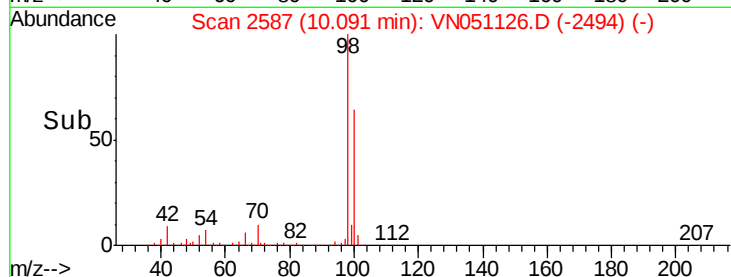
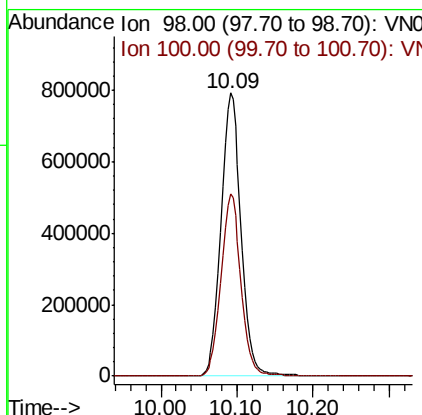
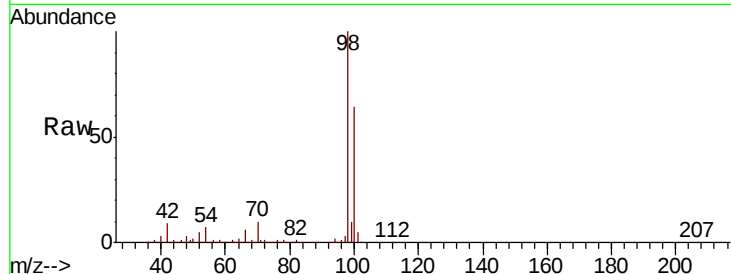




#50
Toluene-d8
Concen: 48.41 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

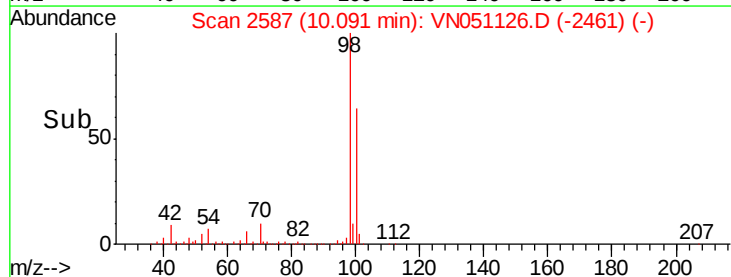
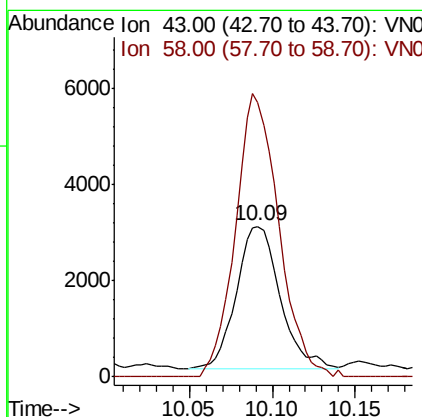
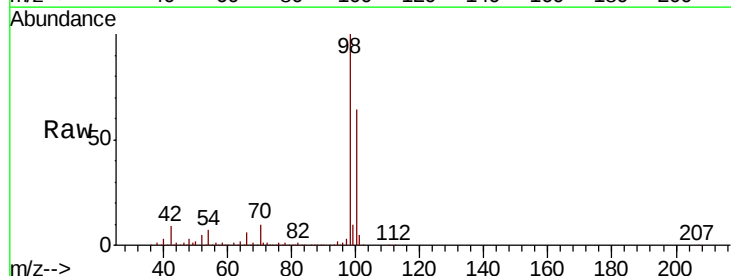
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DDL

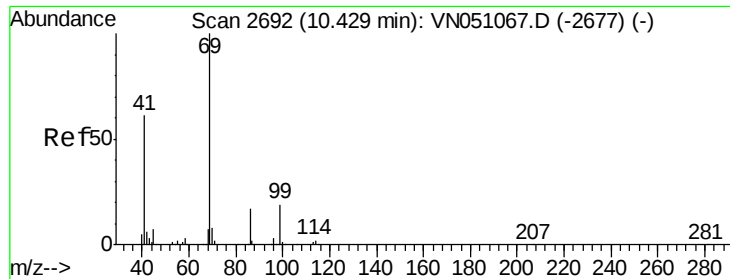
Tot Ion: 98 Resp: 1456117
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.82 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.11 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Tgt Ion: 43 Resp: 5381
Ion Ratio Lower Upper
43 100
58 198.6 33.5 50.3#





#56

Ethyl methacrylate

Concen: 2.50 ug/l

RT: 10.44 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-DDL

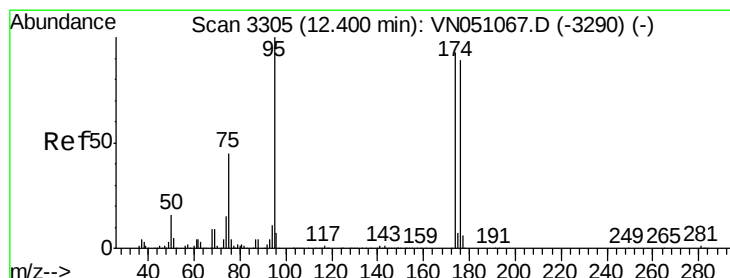
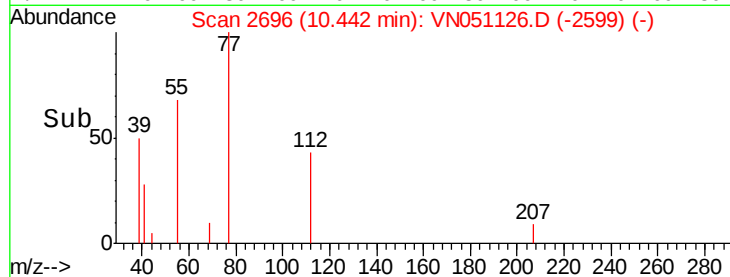
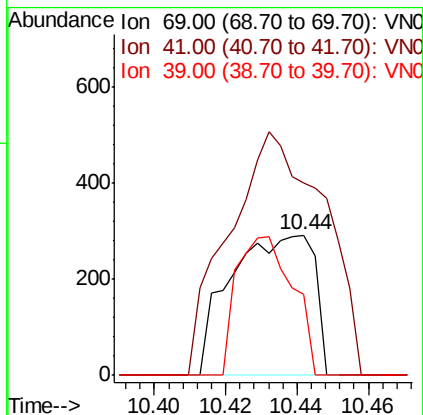
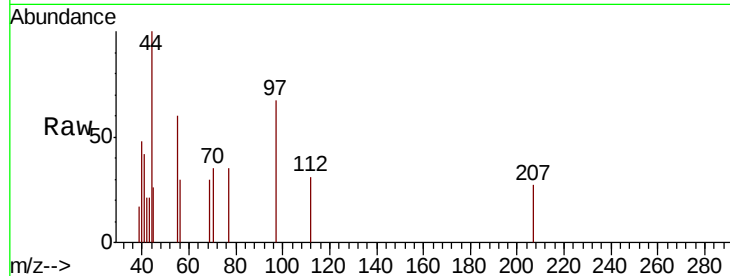
Tot Ion: 69 Resp: 473

Ion Ratio Lower Upper

69 100

41 197.3 47.8 71.8#

39 66.2 23.0 34.4#



#62

4-Bromofluorobenzene

Concen: 44.42 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

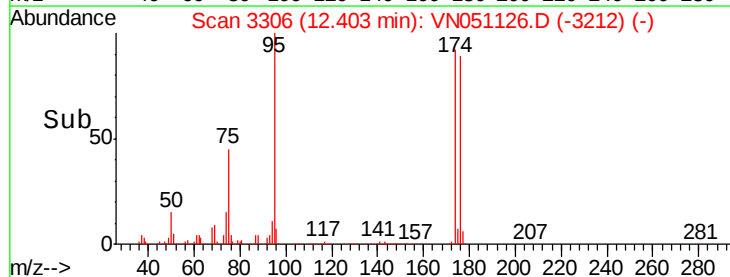
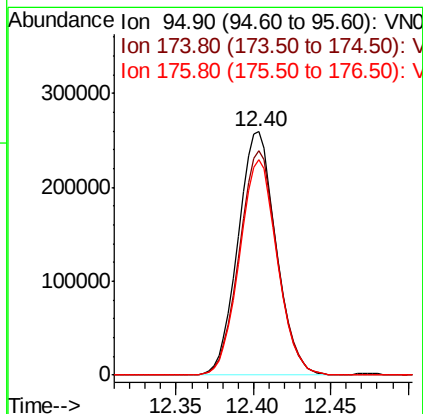
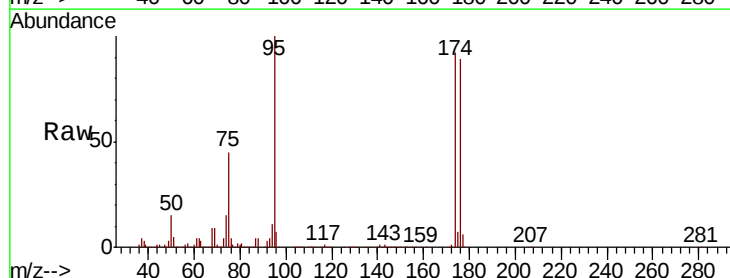
Tgt Ion: 95 Resp: 441992

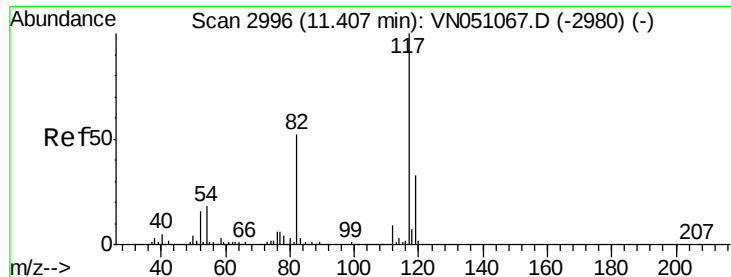
Ion Ratio Lower Upper

95 100

174 92.3 0.0 184.8

176 88.4 0.0 178.6

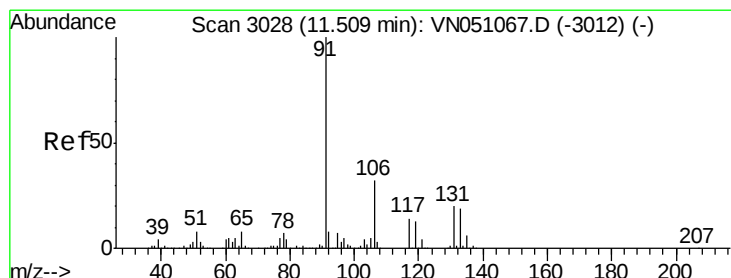
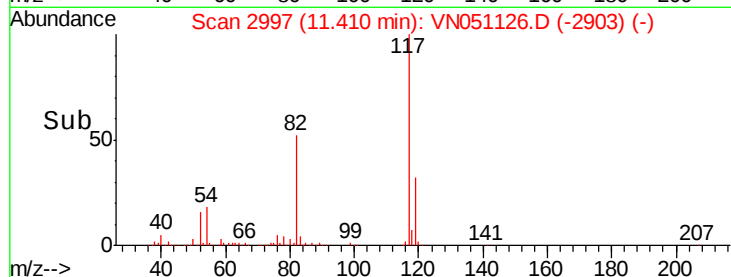
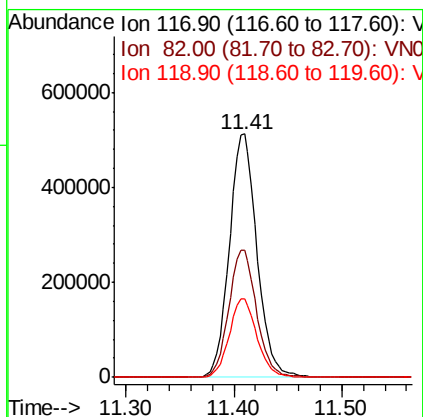
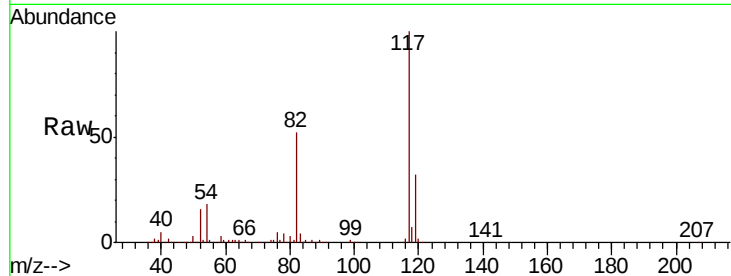




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

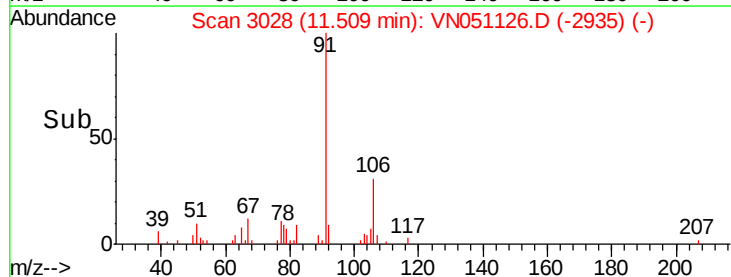
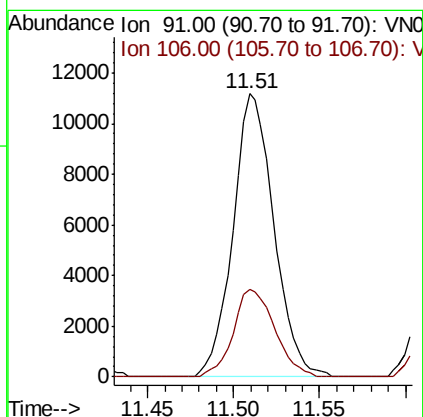
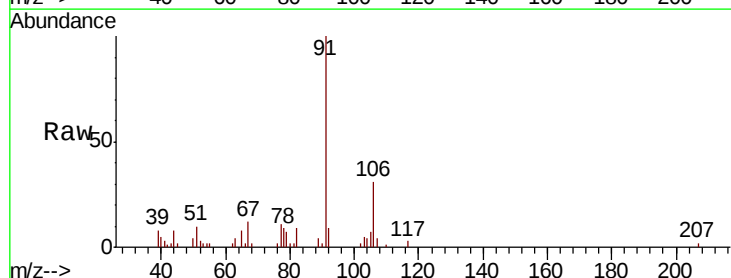
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DDL

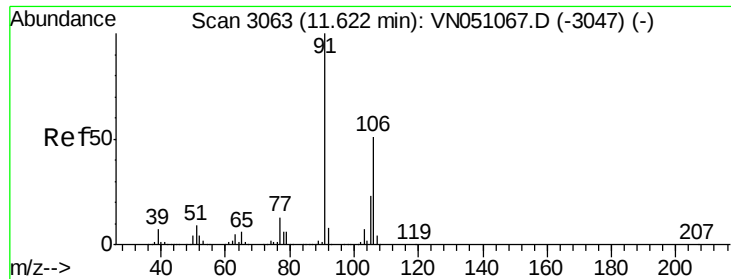
Tot Ion:117 Resp: 908474
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.6
119 32.1 26.2 39.2



#67
Ethyl Benzene
Concen: 0.50 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Tgt Ion: 91 Resp: 18552
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

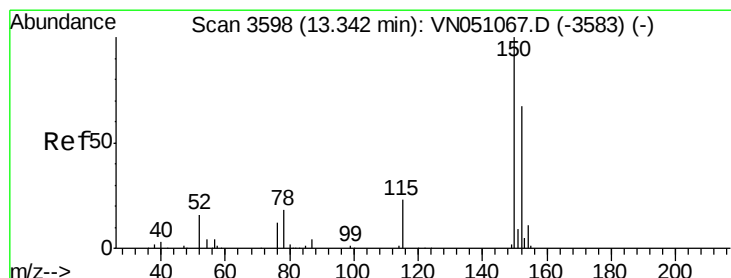
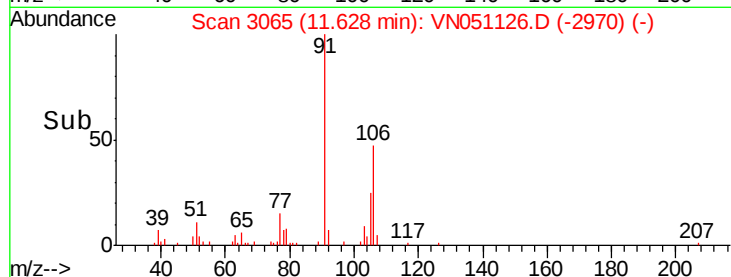
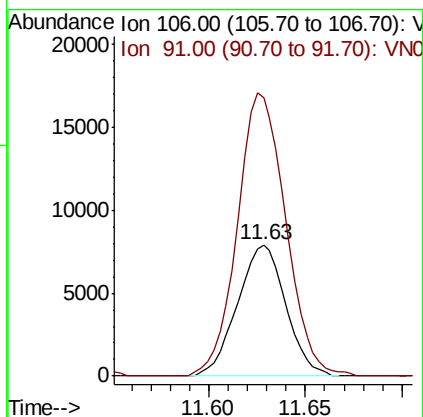
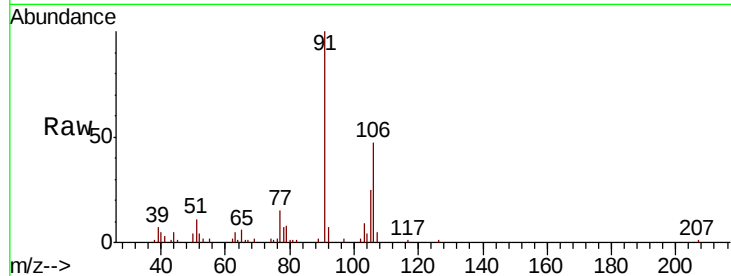




#68
m/p-Xvlenes
Concen: 0.96 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

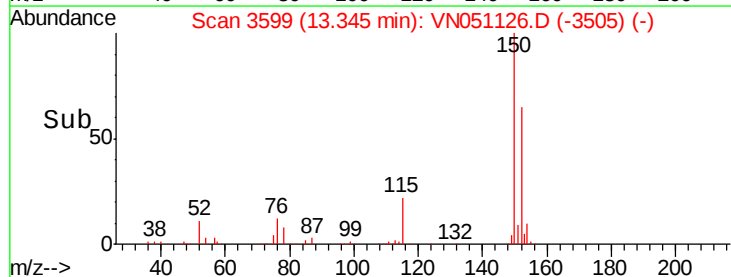
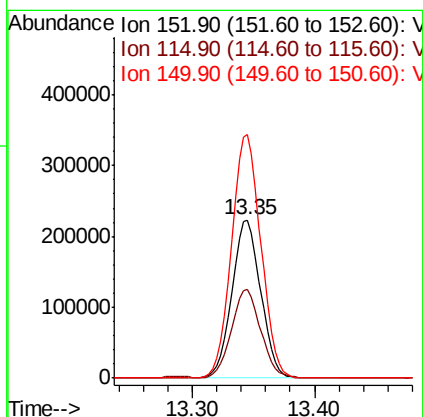
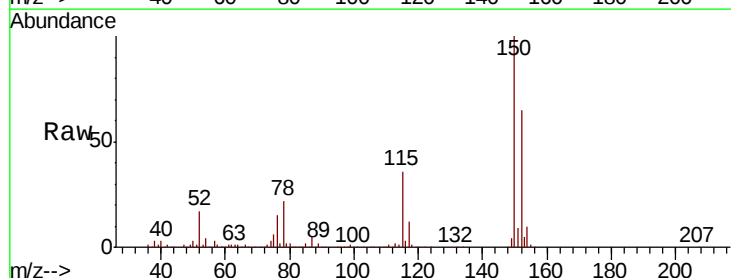
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DDL

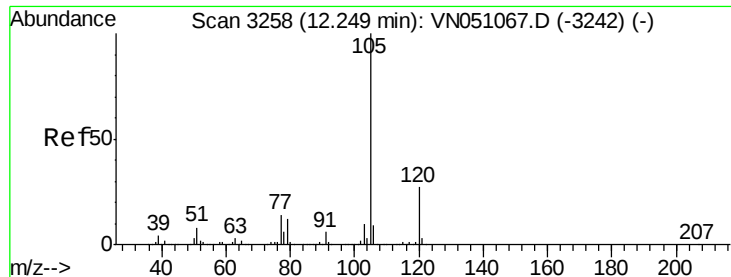
Tot Ion:106 Resp: 13725
Ion Ratio Lower Upper
106 100
91 215.9 159.8 239.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Tgt Ion:152 Resp: 365804
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.8 0.0 349.0

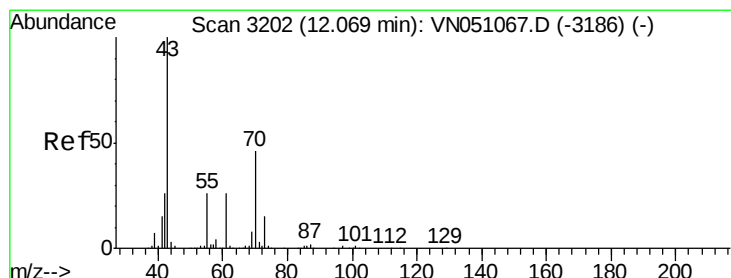
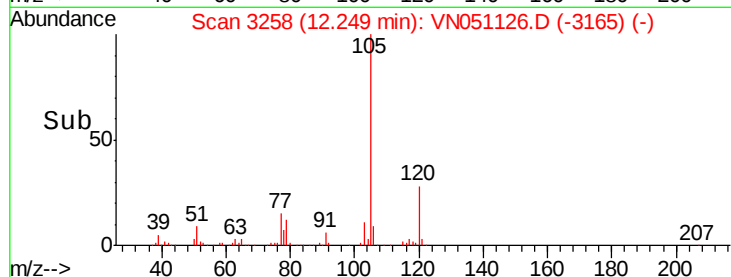
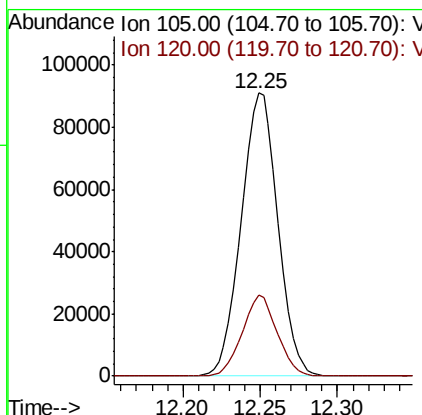
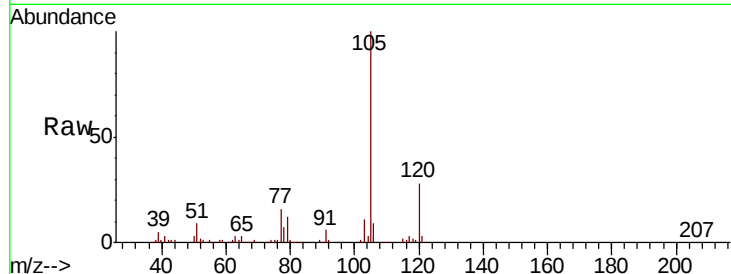




#73
Isopropylbenzene
Concen: 4.89 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

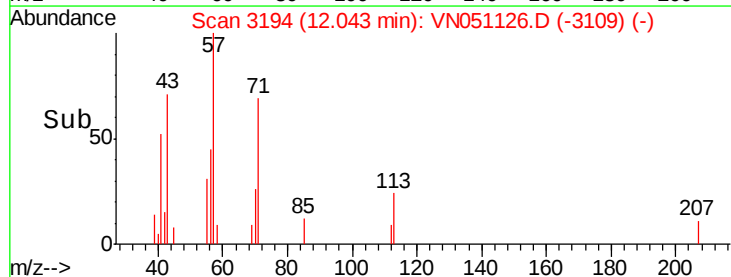
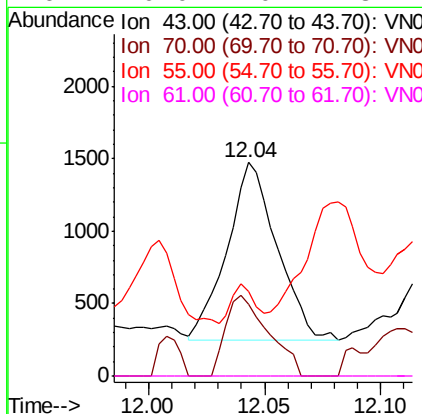
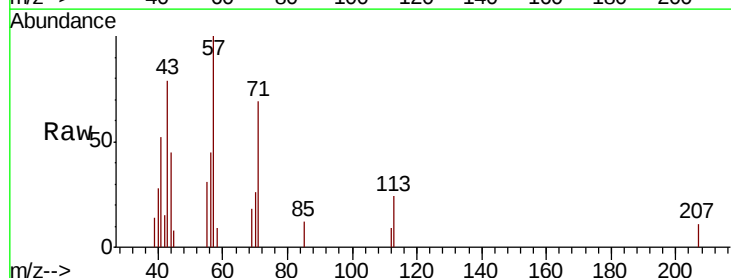
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-DDL

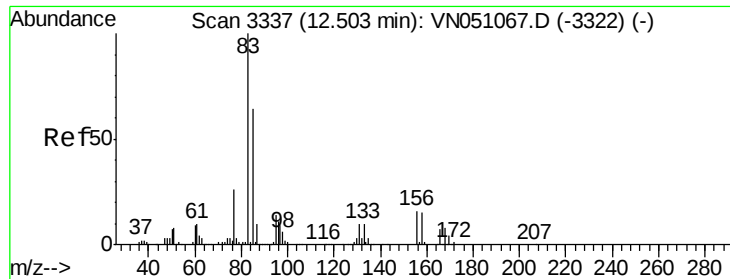
Tot Ion:105 Resp: 150021
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.7



#74
N-ethyl acetate
Concen: 0.24 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Tgt Ion: 43 Resp: 1849
Ion Ratio Lower Upper
43 100
70 38.5 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: 12.48 min Scan# 3330

Delta R.T. -0.02 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DDL

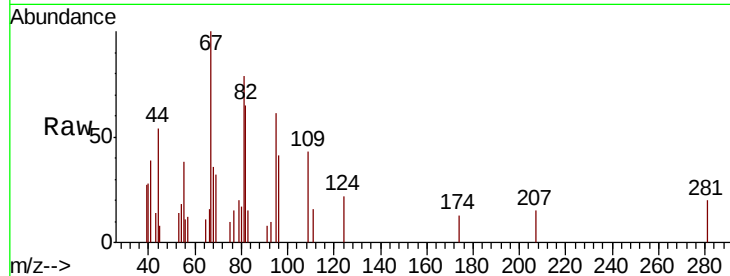
Tot Ion: 83 Resp: 636

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

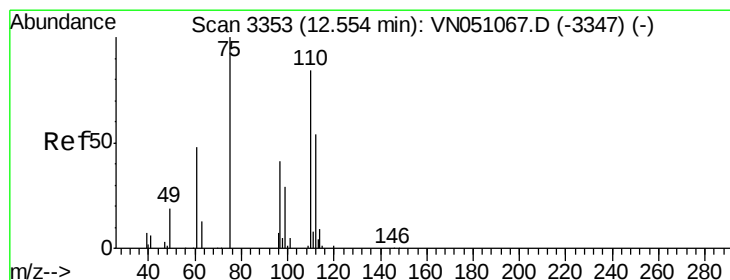
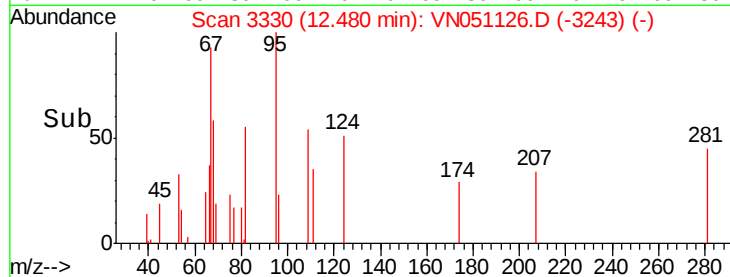
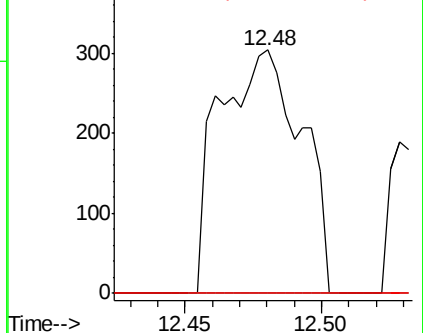
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 34.88 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051126.D

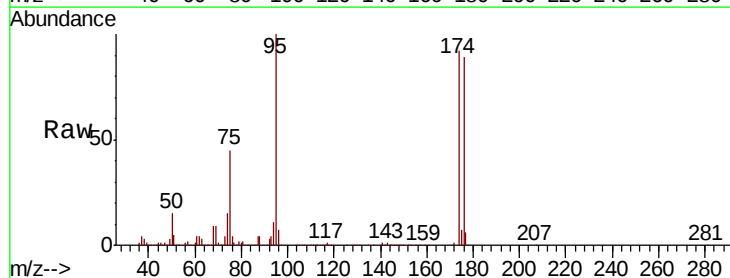
Acq: 11 Sep 2018 14:47

Tgt Ion: 75 Resp: 200356

Ion Ratio Lower Upper

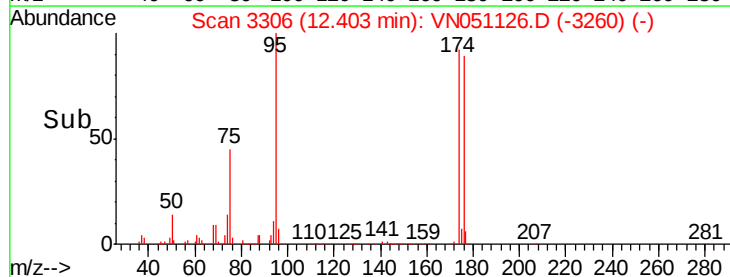
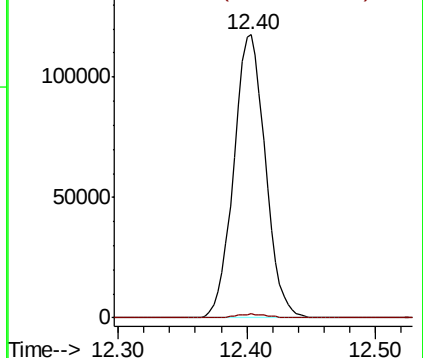
75 100

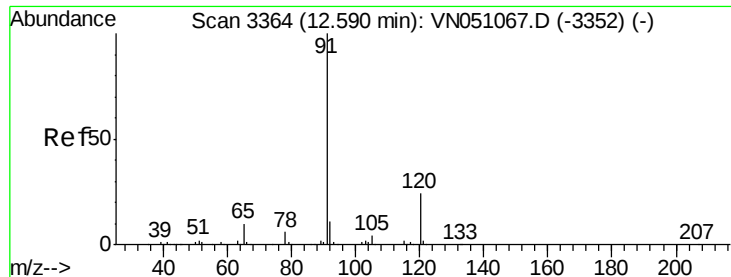
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 10.56 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

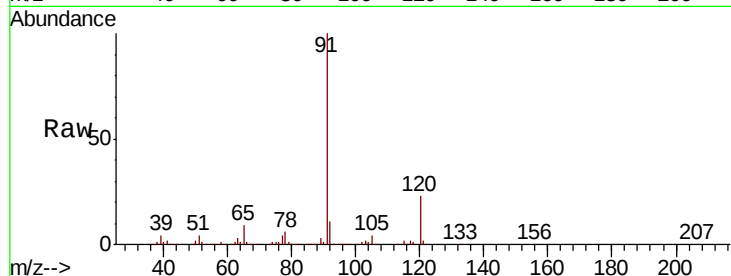
EP1-MW-DDL

Tot Ion: 91 Resp: 356024

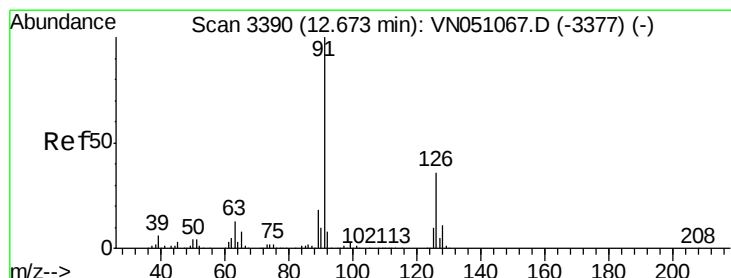
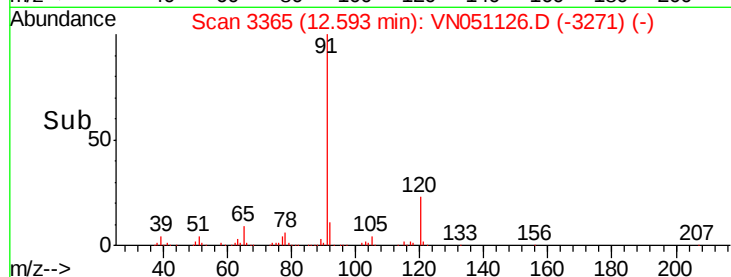
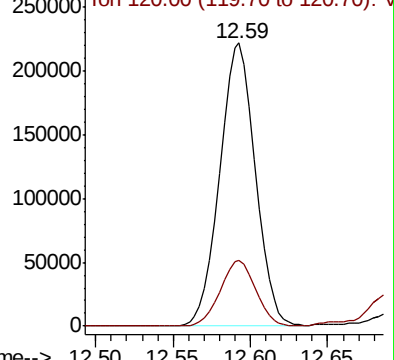
Ion Ratio Lower Upper

91 100

120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3352) (-)



#79

2-Chlorotoluene

Concen: 0.78 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. 0.02 min

Lab File: VN051126.D

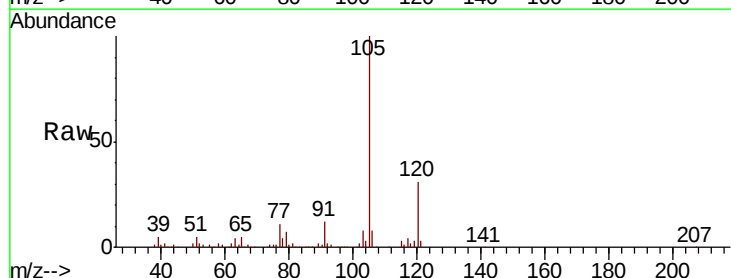
Acq: 11 Sep 2018 14:47

Tgt Ion: 91 Resp: 16404

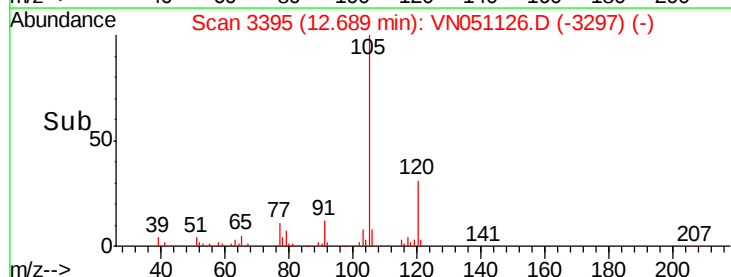
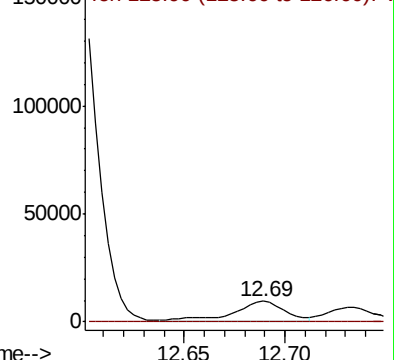
Ion Ratio Lower Upper

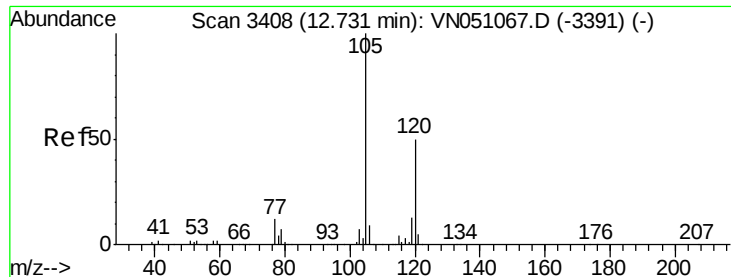
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3377) (-)





#80

1,3,5-Trimethylbenzene

Concen: 3.91 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

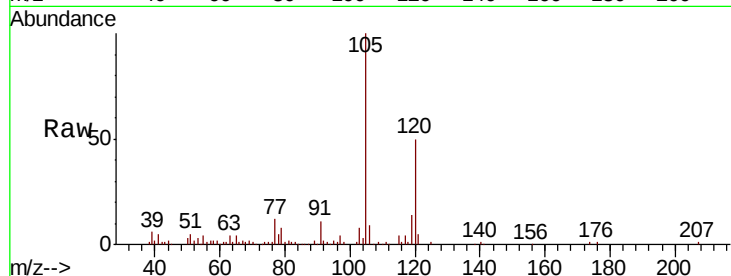
EP1-MW-DDL

Tot Ion:105 Resp: 96896

Ion Ratio Lower Upper

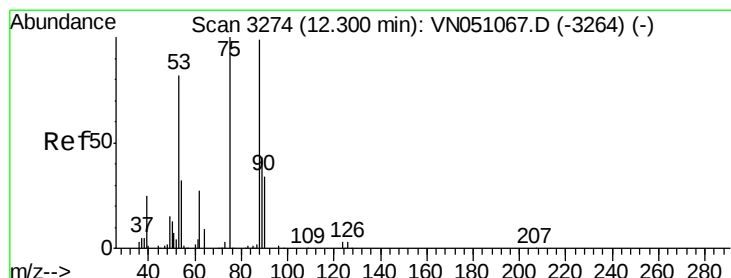
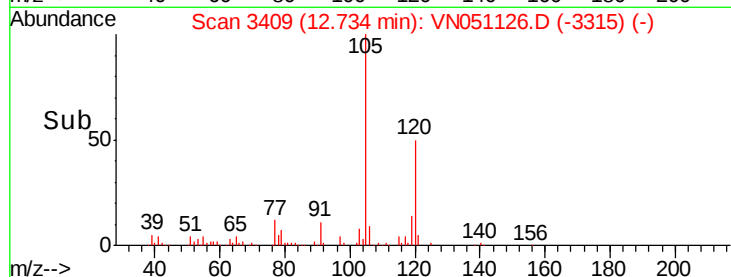
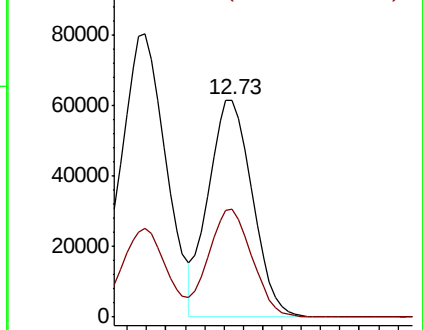
105 100

120 49.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 104.02 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

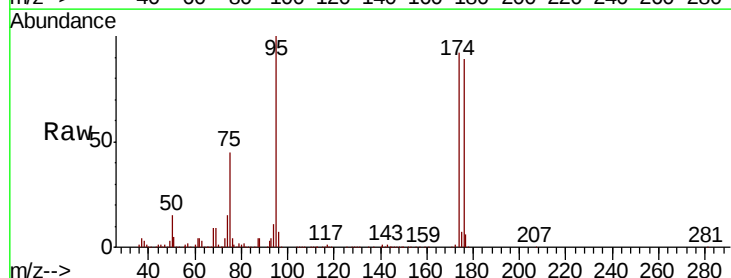
Tgt Ion: 75 Resp: 200356

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

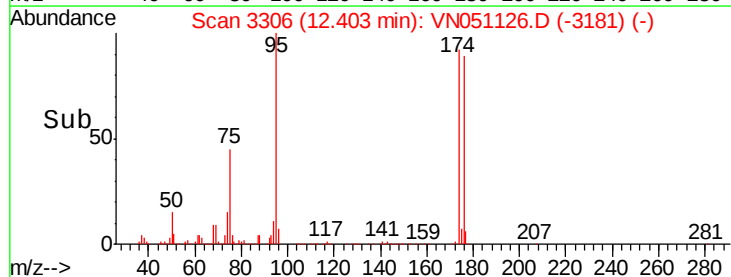
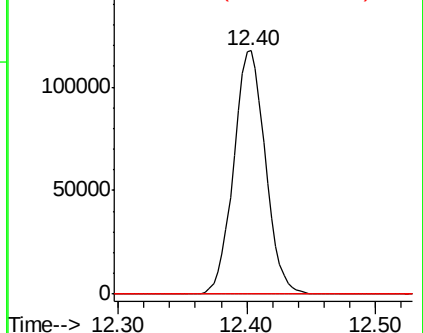
89 0.0 36.0 54.0#

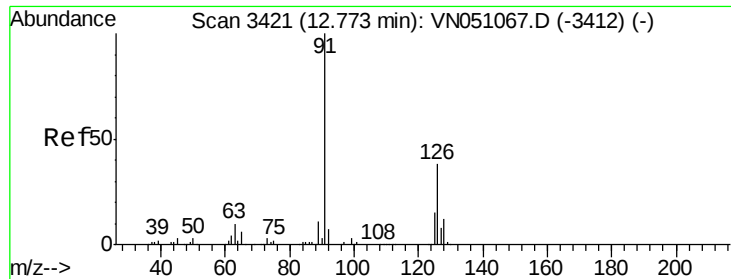


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.78 ug/l

RT: 12.69 min Scan# 3395

Delta R.T. -0.08 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

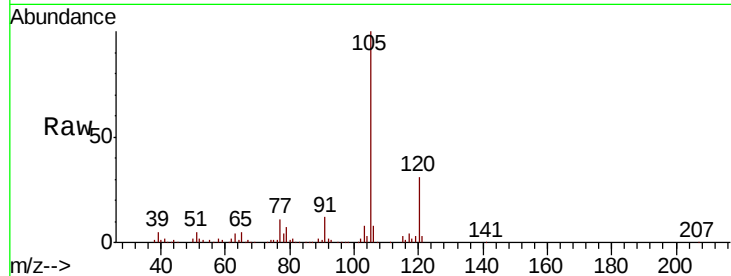
EP1-MW-DDL

Tot Ion: 91 Resp: 16404

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN051126.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN051126.D (-3328) (-)

150000

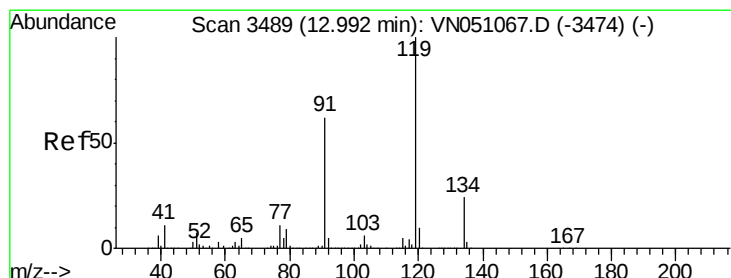
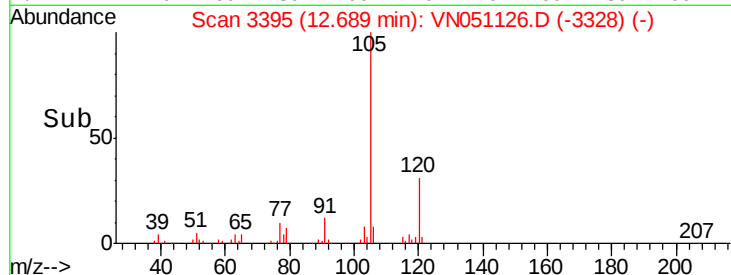
100000

50000

0

12.65 12.70

Time-->



#83

tert-Butylbenzene

Concen: 0.69 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

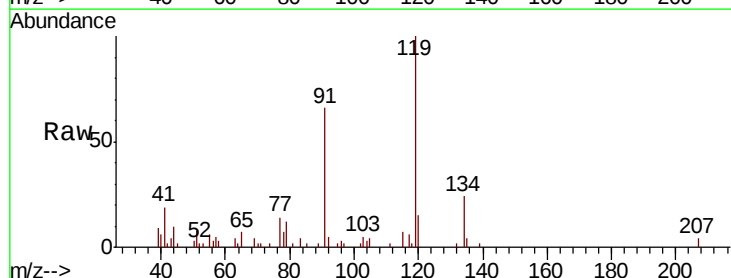
Tgt Ion: 119 Resp: 15026

Ion Ratio Lower Upper

119 100

91 69.7 30.8 92.3

134 26.6 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): VN051126.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN051126.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN051126.D (-3396) (-)

150000

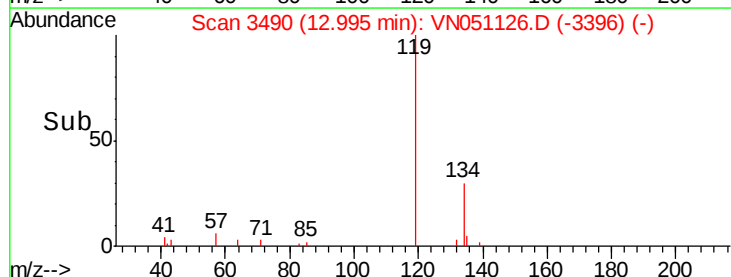
100000

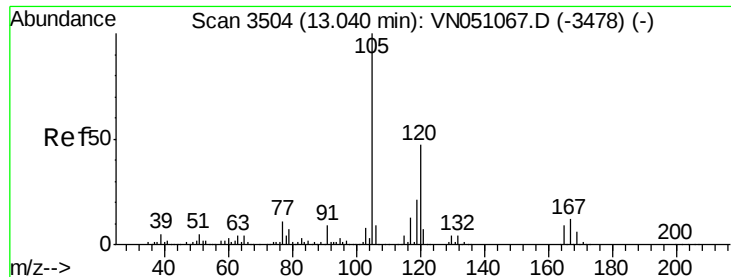
50000

0

12.95 13.00

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 78.72 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

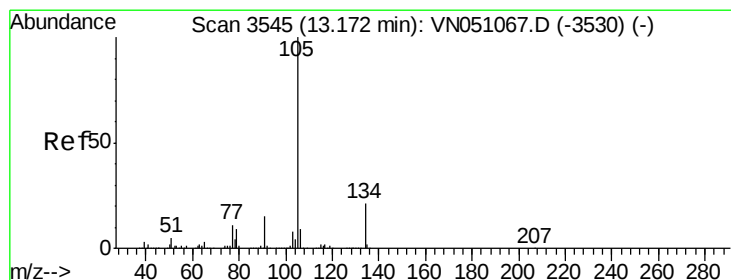
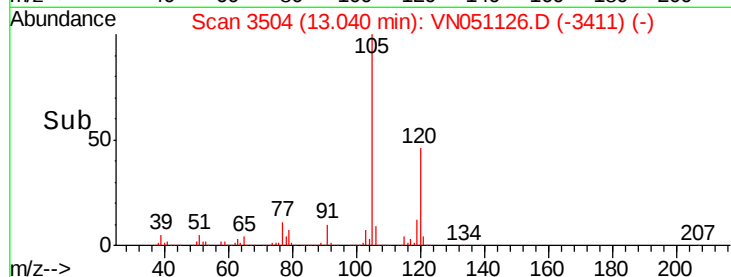
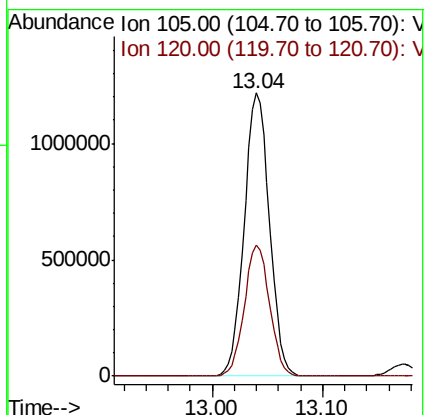
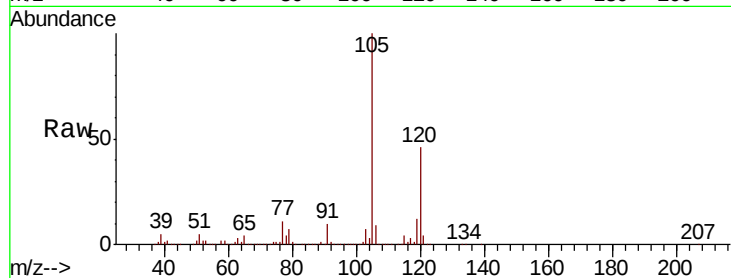
EP1-MW-DDL

Tot Ion:105 Resp: 1919702

Ion Ratio Lower Upper

105 100

120 46.4 23.3 69.8



#85

sec-Butylbenzene

Concen: 3.01 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051126.D

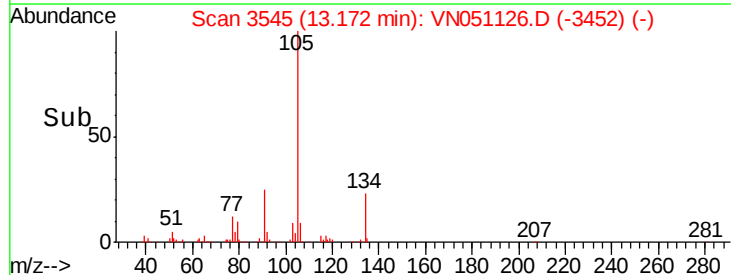
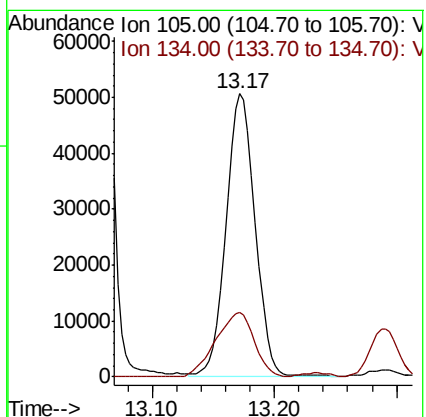
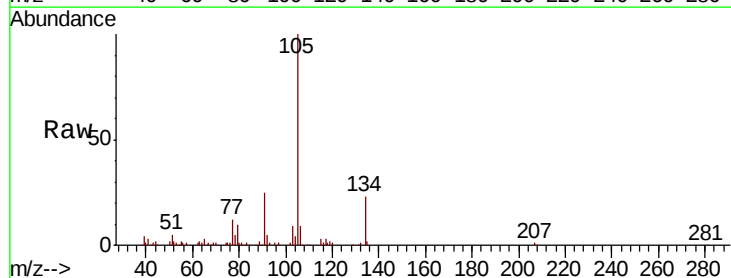
Acq: 11 Sep 2018 14:47

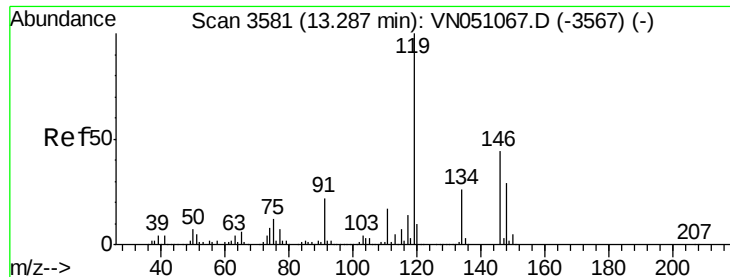
Tgt Ion:105 Resp: 84623

Ion Ratio Lower Upper

105 100

134 30.1 10.4 31.4

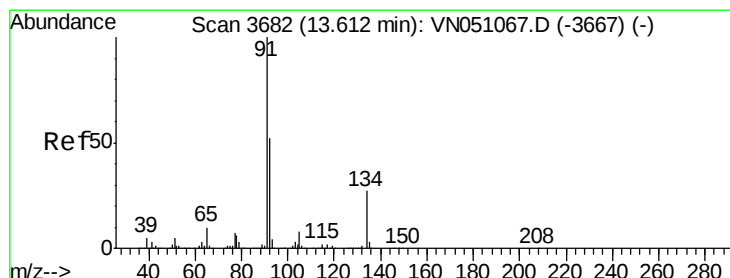
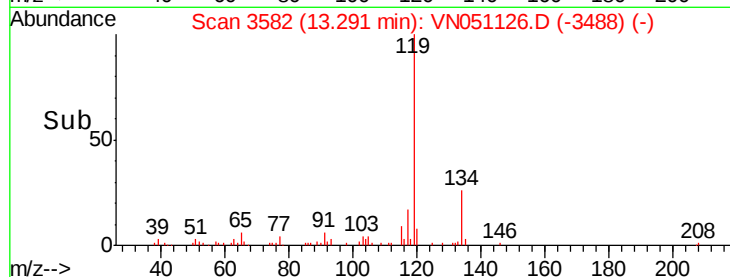
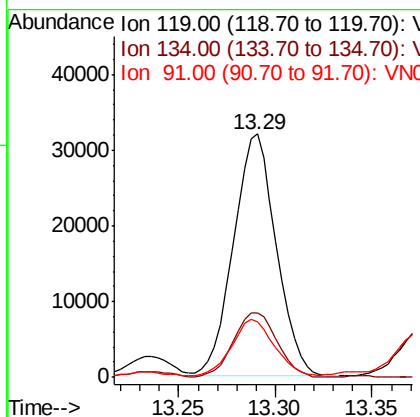
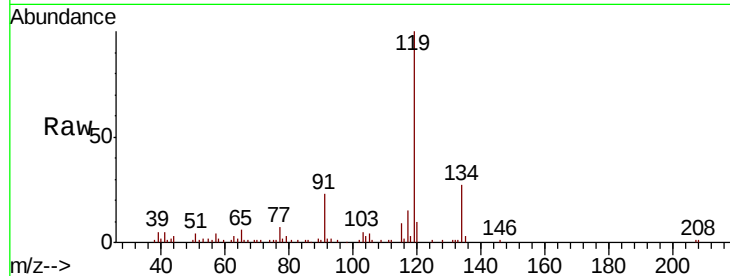




#86
p-Isopropyltoluene
Concen: 2.06 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

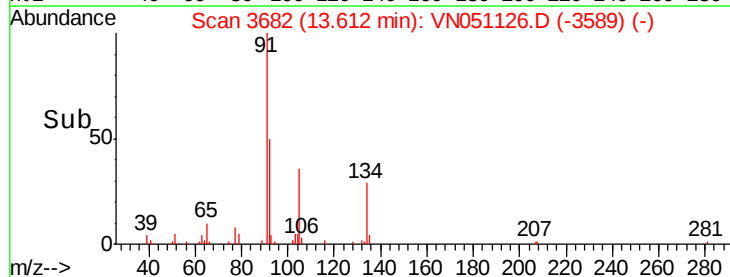
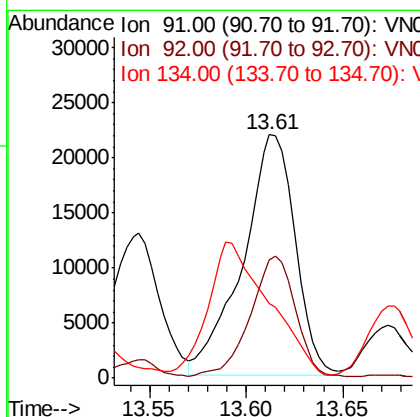
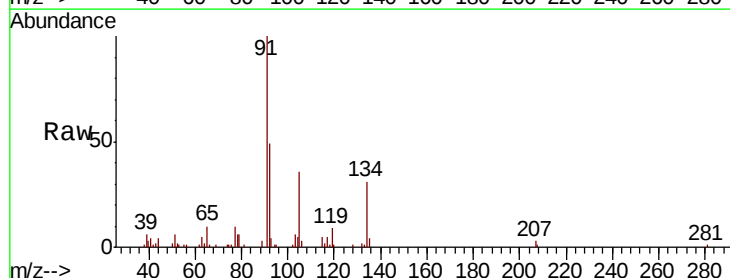
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-DDL

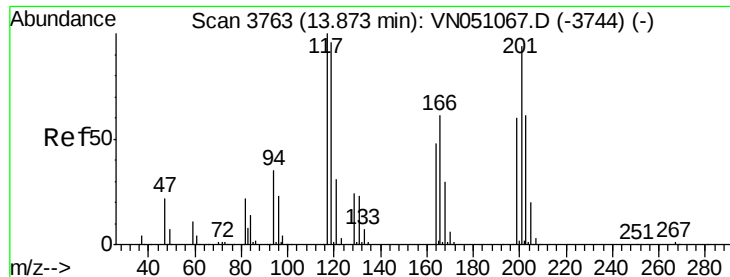
Tot Ion: 119 Resp: 49004
Ion Ratio Lower Upper
119 100
134 27.3 13.5 40.4
91 23.0 10.9 32.9



#89
n-Butylbenzene
Concen: 2.22 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051126.D
Acq: 11 Sep 2018 14:47

Tgt Ion: 91 Resp: 41161
Ion Ratio Lower Upper
91 100
92 44.6 26.2 78.6
134 0.0 13.7 41.1#





#90

Hexachloroethane

Concen: 3.13 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

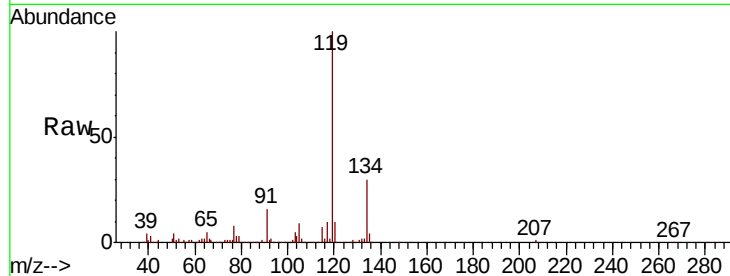
EP1-MW-DDL

Tot Ion:117 Resp: 16074

Ion Ratio Lower Upper

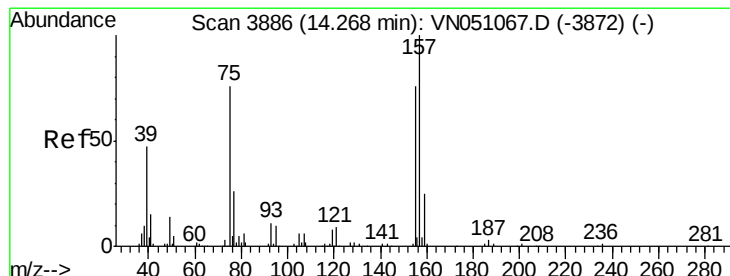
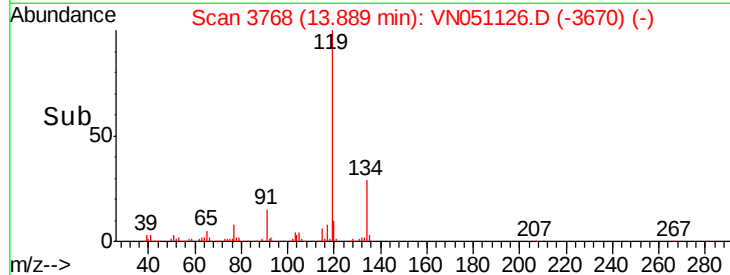
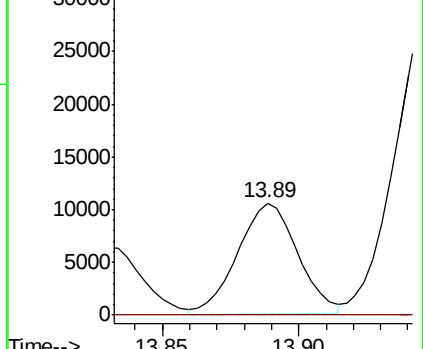
117 100

201 0.0 47.3 142.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.37 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

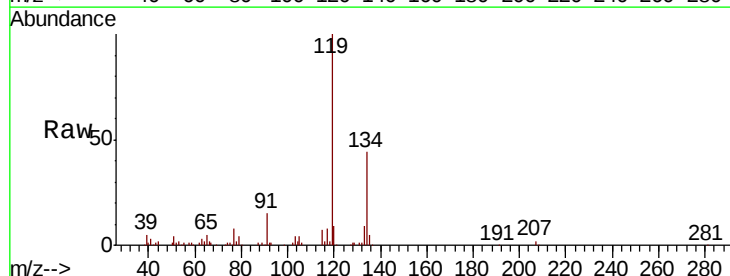
Tgt Ion: 75 Resp: 757

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

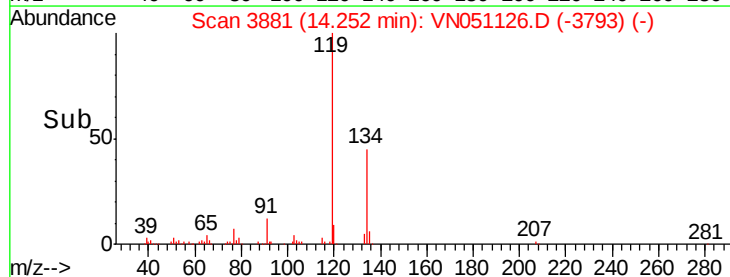
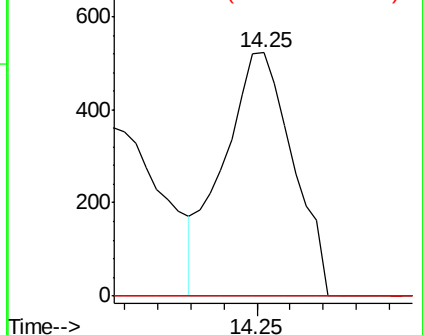
157 0.0 63.6 190.9#

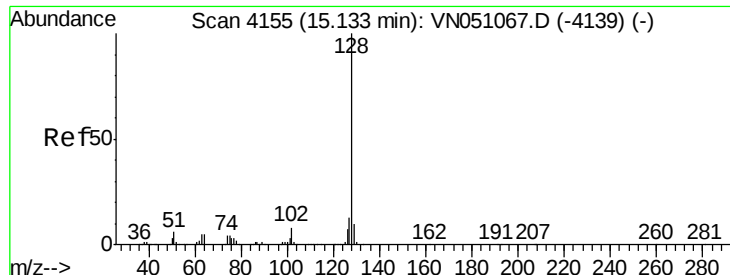


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 5.71 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051126.D

Acq: 11 Sep 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-DDL

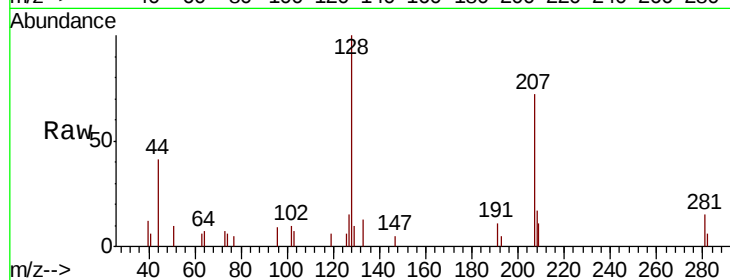
Tot Ion:128 Resp: 5695

Ion Ratio Lower Upper

128 100

127 10.9 10.6 15.8

129 9.8 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

