

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051135.D
 Acq On : 11 Sep 2018 18:30
 Operator : MD\SY
 Sample : J4849-08DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDL

Quant Time: Sep 12 01:08:53 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	687093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1040675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	894034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	354067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	397555	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
35) Dibromofluoromethane	7.59	113	393300	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	10.09	98	1444915	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.40	95	439825	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	4140	Below Cal		99
5) Bromomethane	2.57	94	3231	Below Cal		93
10) Methyl Iodide	3.95	142	566	5.70 ug/l	#	44
11) Tert butyl alcohol	4.78	59	345	0.59 ug/l	#	73
16) Acetone	3.83	43	2469	Below Cal		93
17) Carbon Disulfide	4.05	76	6315	0.40 ug/l		99
18) Methyl Acetate	4.34	43	3177	0.52 ug/l	#	72
27) cis-1,2-Dichloroethene	6.83	96	2648	0.30 ug/l		56
31) Cyclohexane	7.67	56	11175	0.67 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	45130	3.95 ug/l	#	47
38) Carbon Tetrachloride	7.67	117	59837	5.32 ug/l	#	17
43) Isopropyl Acetate	8.31	43	46357	3.97 ug/l	#	51
55) 1,1,2-Trichloroethane	10.54	97	3572	0.47 ug/l	#	15
56) Ethyl methacrylate	10.43	69	2209	2.66 ug/l	#	25
67) Ethyl Benzene	11.51	91	40290	1.10 ug/l		95
73) Isopropylbenzene	12.25	105	552556	18.61 ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.47	83	2304	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.59	75	6093	Below Cal	#	100
78) n-propylbenzene	12.59	91	1167675	35.78 ug/l		99
79) 2-Chlorotoluene	12.59	91	1167675	57.24 ug/l	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	200050	107.30 ug/l	#	15
82) 4-Chlorotoluene	12.59	91	1167675	57.66 ug/l	#	40
83) tert-Butylbenzene	12.99	119	61499	2.90 ug/l		95
84) 1,2,4-Trimethylbenzene	13.04	105	6462306	273.78 ug/l		100
85) sec-Butylbenzene	13.17	105	358491	13.19 ug/l		81
86) p-Isopropyltoluene	13.23	119	103744	4.50 ug/l		95
89) n-Butylbenzene	13.61	91	105766	5.90 ug/l	#	62
90) Hexachloroethane	13.89	117	59032	13.62 ug/l	#	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	3103	3.68 ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	1055	4.13 ug/l	#	1
94) Hexachlorobutadiene	15.00	225	69	Below Cal	#	46
95) Naphthalene	15.14	128	3357	5.57 ug/l	#	91
96) 1,2,3-Trichlorobenzene	15.31	180	930	3.09 ug/l	#	32

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

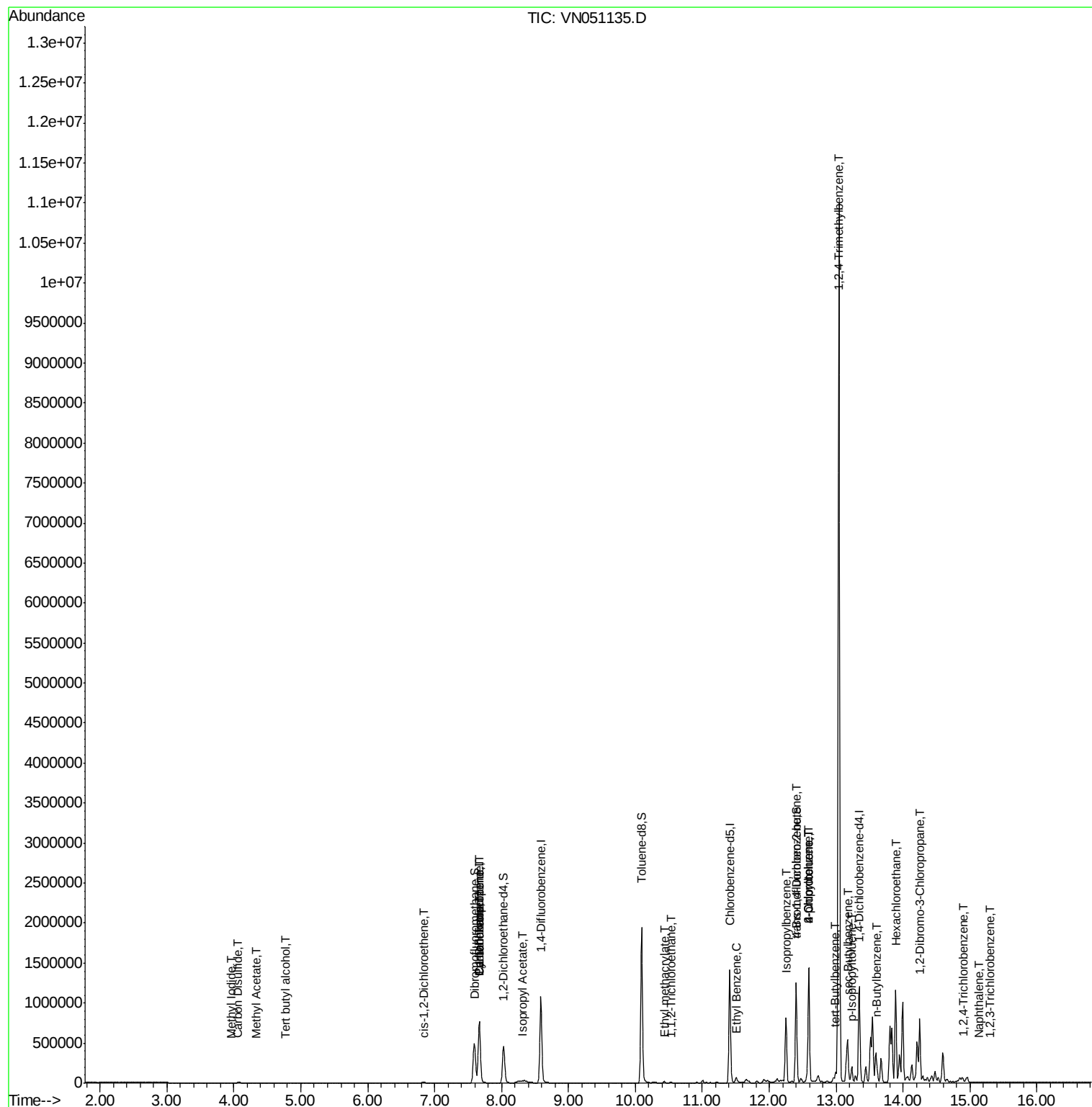
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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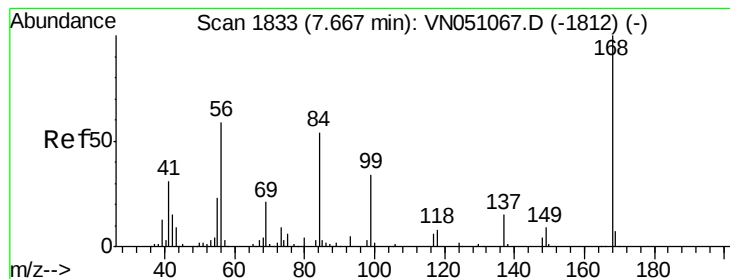
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampleId :

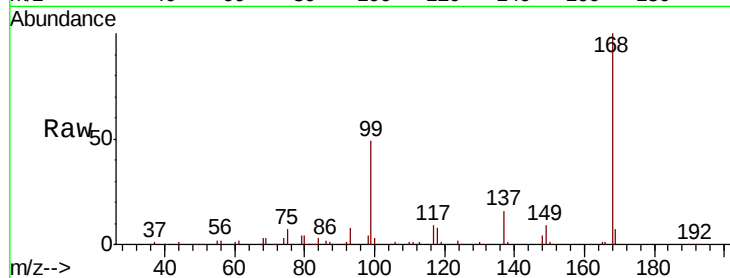
EP1-MW-FDL

Tot Ion:168 Resp: 687093

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): VNO

7.67

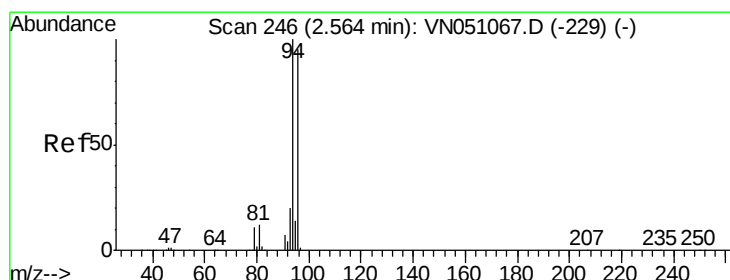
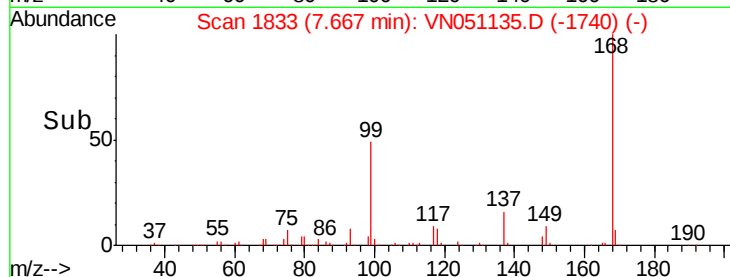
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051135.D

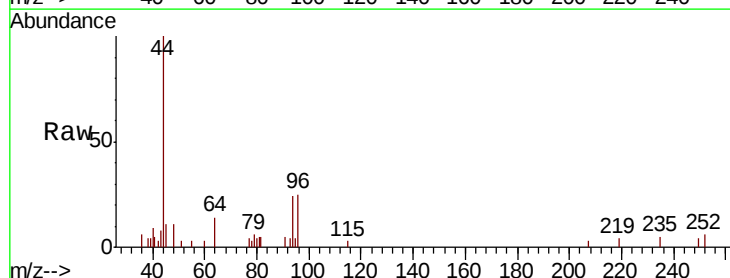
Acq: 11 Sep 2018 18:30

Tgt Ion: 94 Resp: 3231

Ion Ratio Lower Upper

94 100

96 102.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

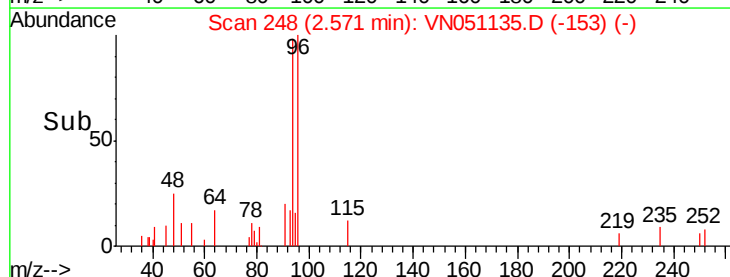
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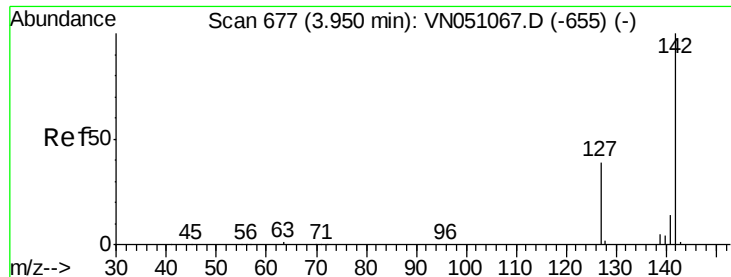
1000

500

0

Time-->

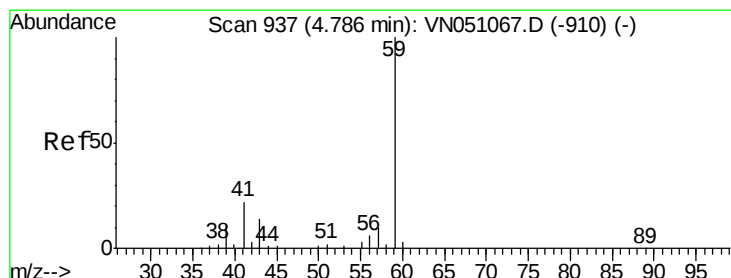
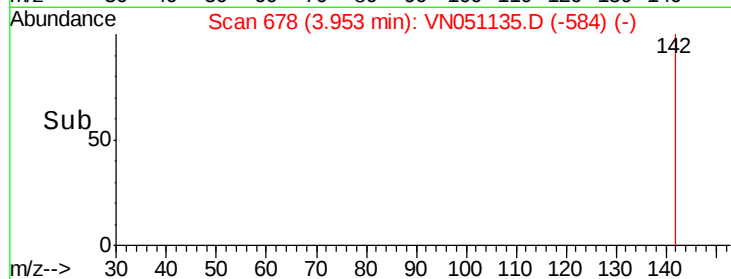
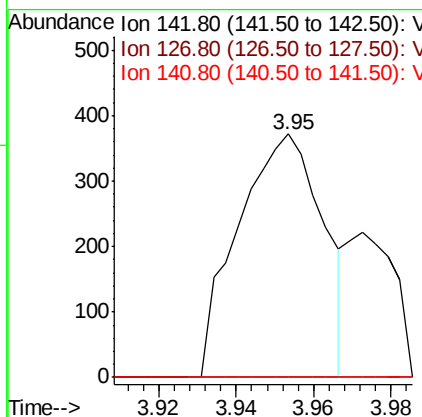
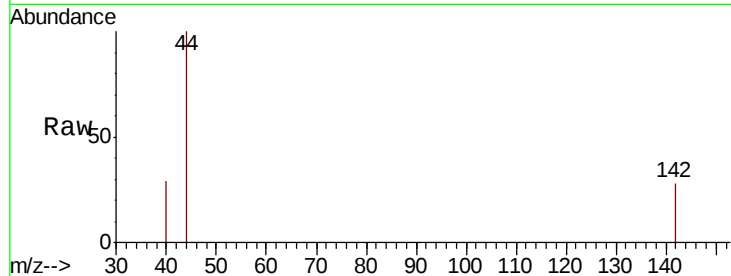




#10
Methvl Iodide
Concen: 5.70 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051135.D
Acq: 11 Sep 2018 18:30

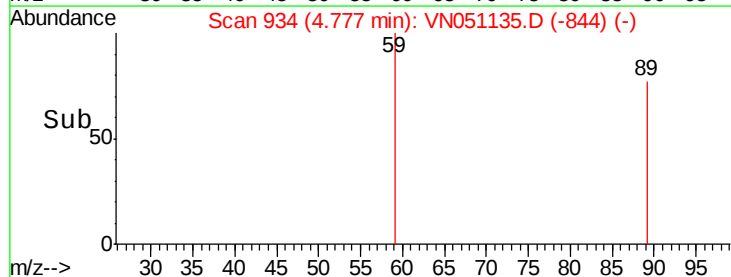
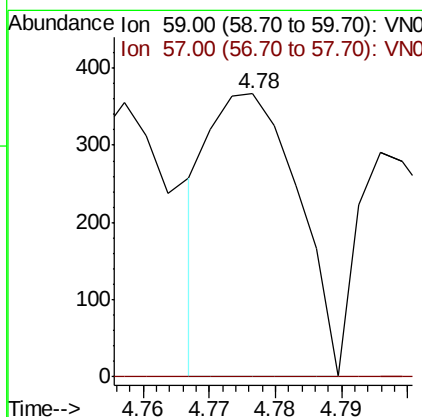
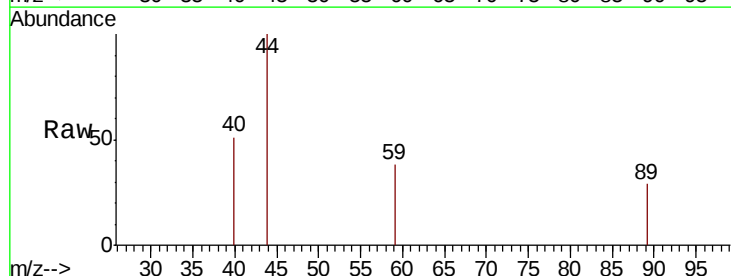
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDL

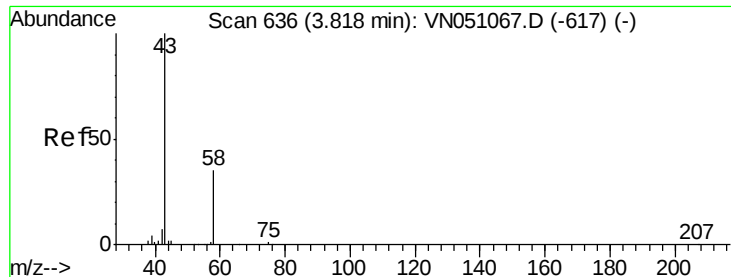
Tot Ion:142 Resp: 566
Ion Ratio Lower Upper
142 100
127 0.0 31.0 46.4#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.59 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: VN051135.D
Acq: 11 Sep 2018 18:30

Tgt Ion: 59 Resp: 345
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampled :

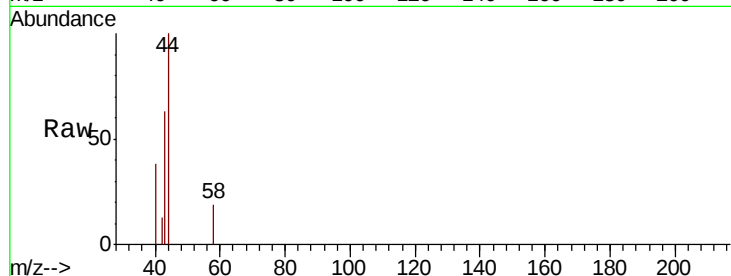
EP1-MW-FDL

Tot Ion: 43 Resp: 2469

Ion Ratio Lower Upper

43 100

58 30.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)

3.83

800

600

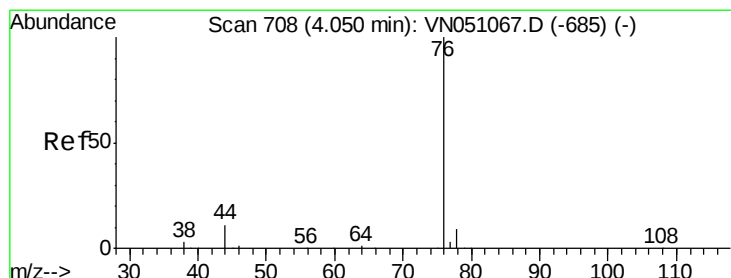
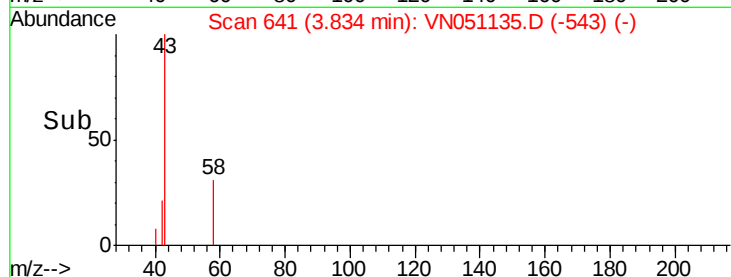
400

200

0

3.75 3.80 3.85 3.90

Time-->



#17

Carbon Disulfide

Concen: 0.40 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051135.D

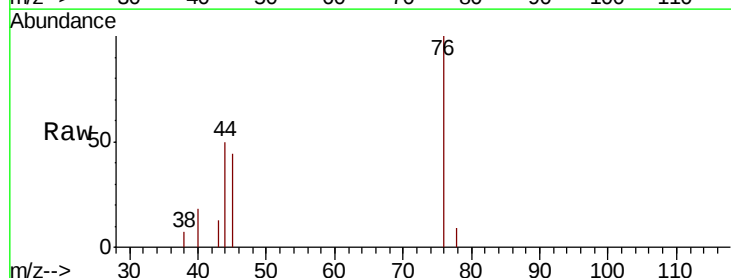
Acq: 11 Sep 2018 18:30

Tgt Ion: 76 Resp: 6315

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN051067.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN051067.D (-685) (-)

4.05

2500

2000

1500

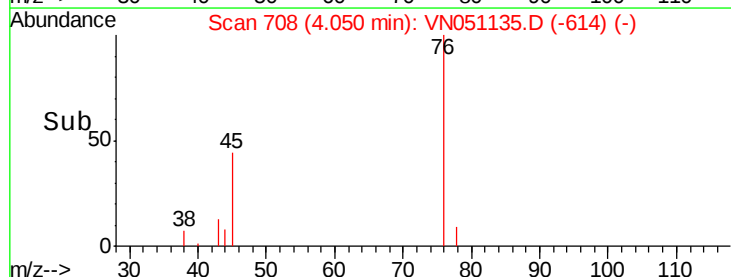
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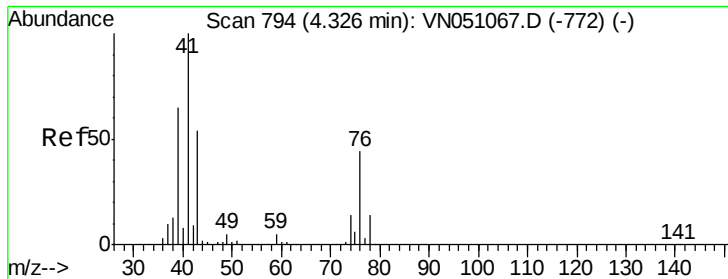
500

0

4.00 4.05 4.10

Time-->





#18

Methyl Acetate

Concen: 0.52 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampled :

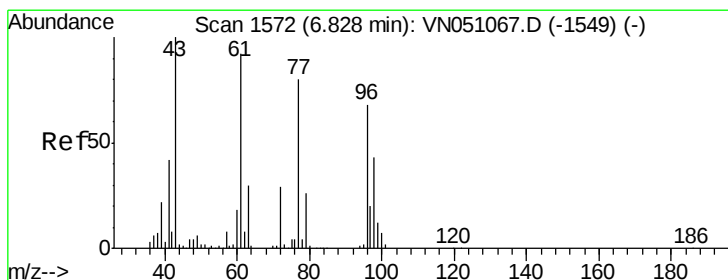
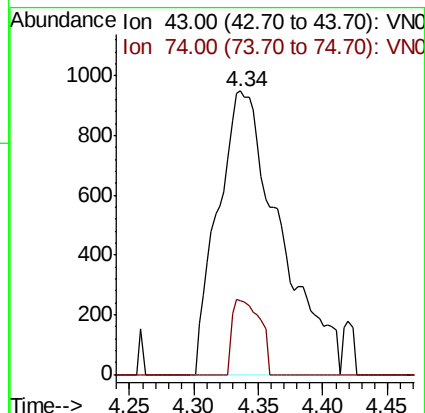
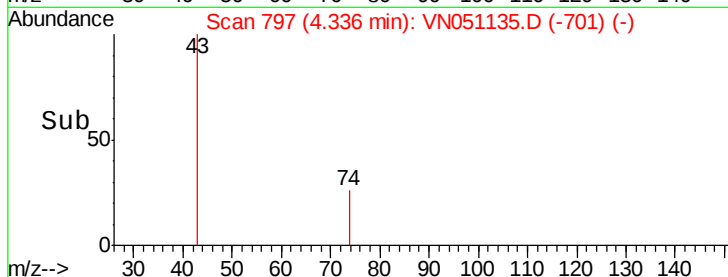
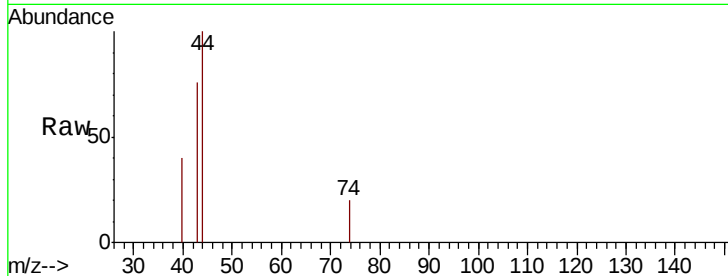
EP1-MW-FDL

Tot Ion: 43 Resp: 3177

Ion Ratio Lower Upper

43 100

74 11.6 20.7 31.1#



#27

cis-1,2-Dichloroethene

Concen: 0.30 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

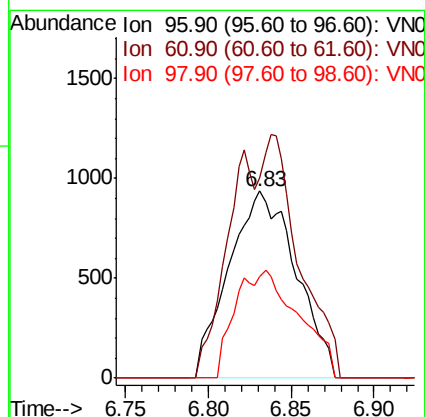
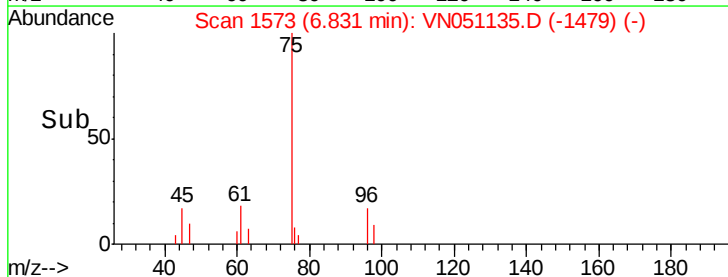
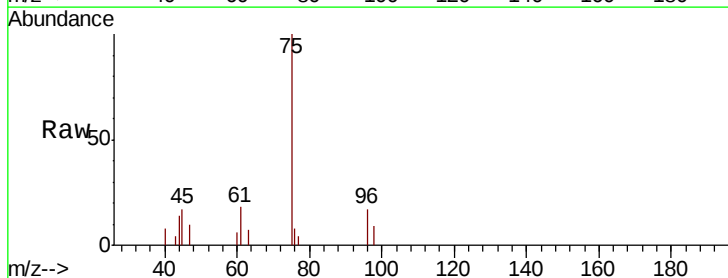
Tgt Ion: 96 Resp: 2648

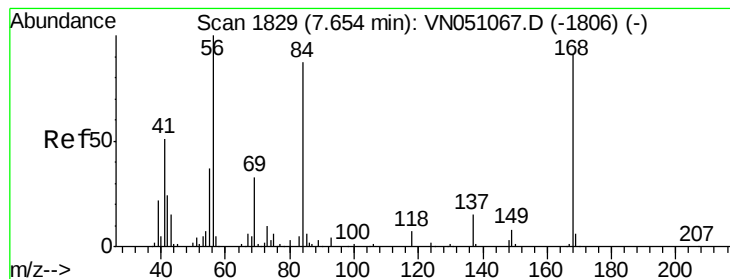
Ion Ratio Lower Upper

96 100

61 68.5 0.0 278.2

98 54.2 0.0 129.4





#31

Cyclohexane

Concen: 0.67 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDL

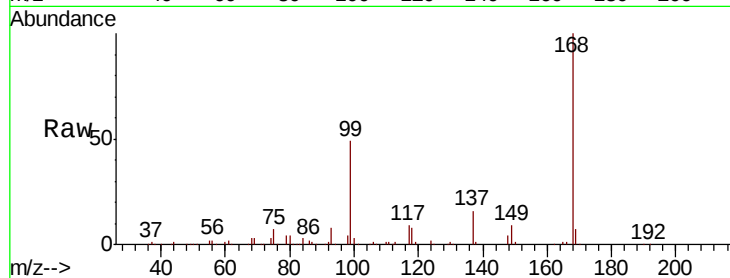
Tot Ion: 56 Resp: 11175

Ion Ratio Lower Upper

56 100

69 197.9 26.3 39.5#

84 166.8 69.4 104.0#

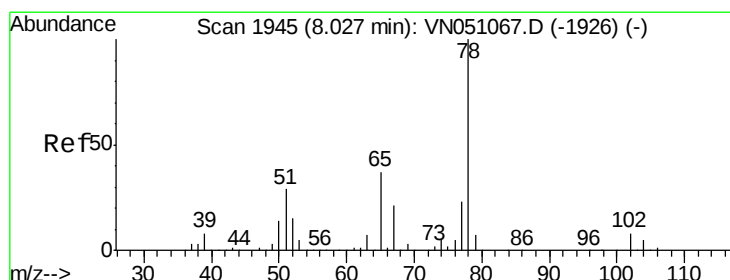
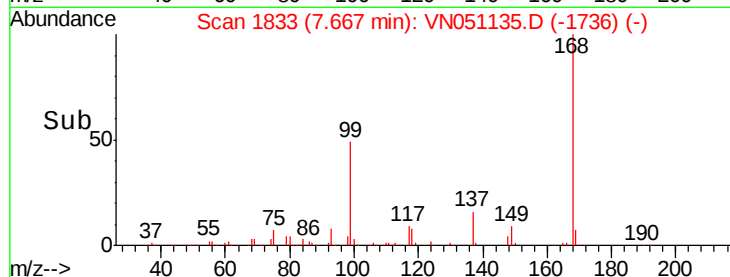
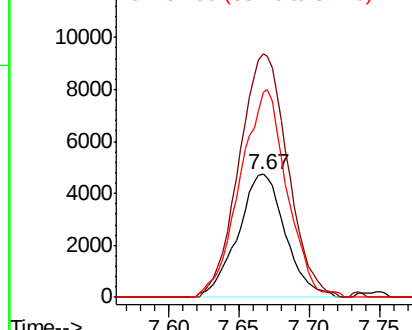


Abundance

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: 51.99 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051135.D

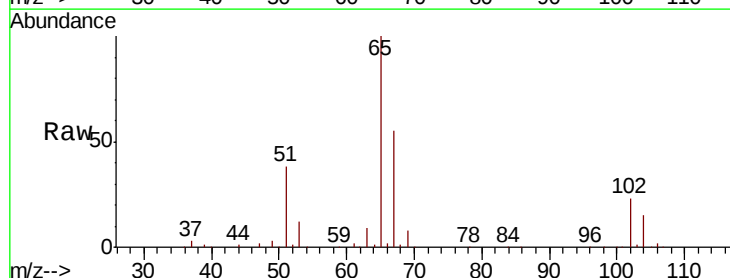
Acq: 11 Sep 2018 18:30

Tgt Ion: 65 Resp: 397555

Ion Ratio Lower Upper

65 100

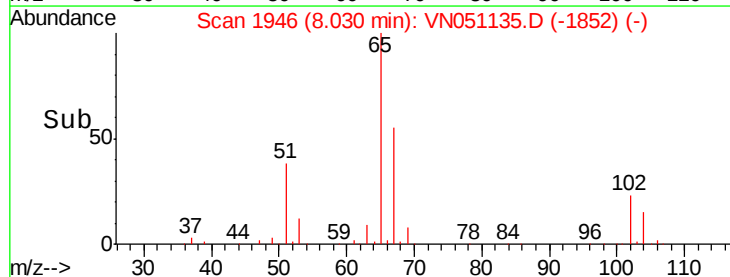
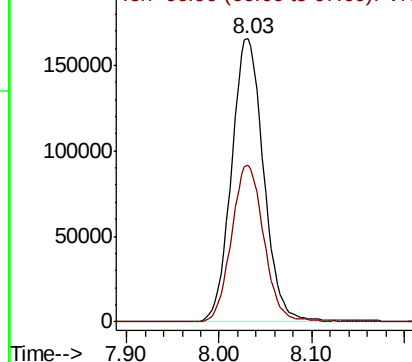
67 55.6 0.0 112.0

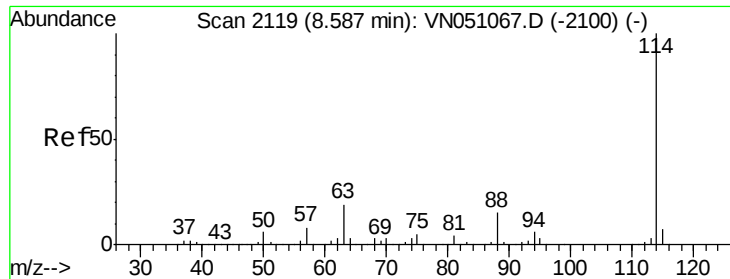


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

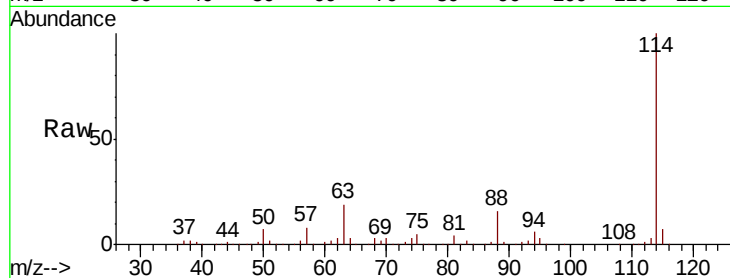




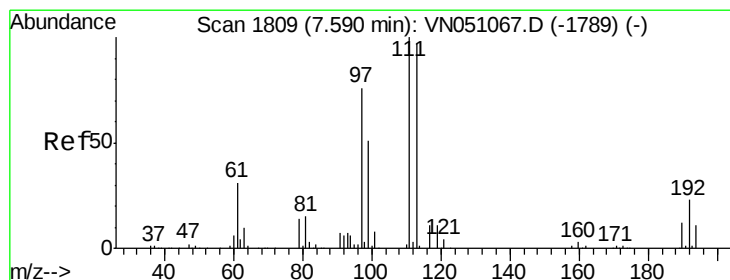
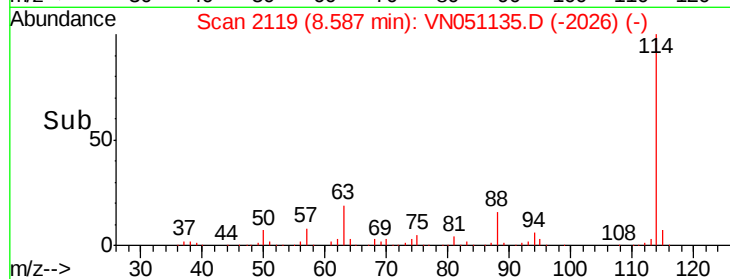
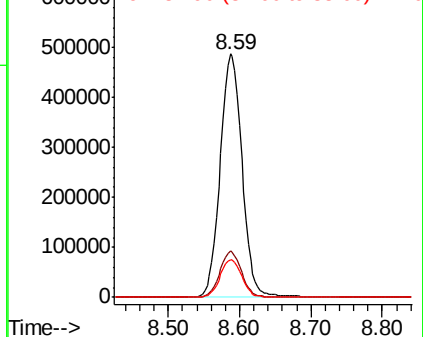
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDL

Tot Ion:114 Resp: 1040675
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.6 0.0 30.8

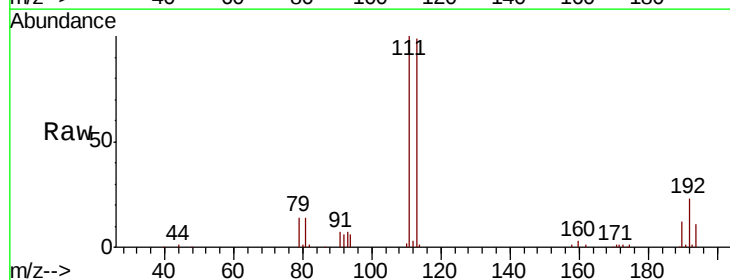


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

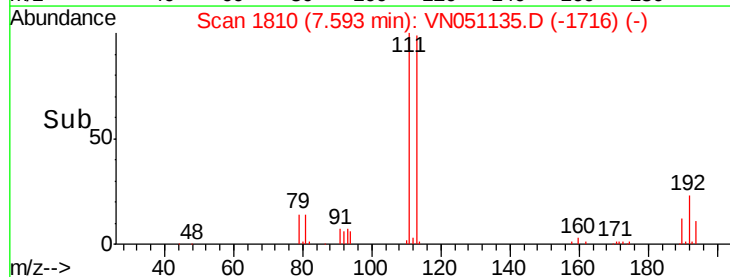
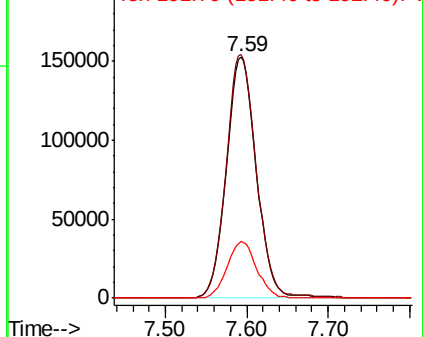


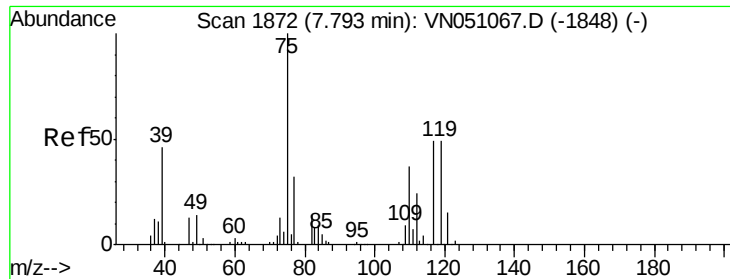
#35
 Dibromofluoromethane
 Concen: 50.30 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Tgt Ion:113 Resp: 393300
 Ion Ratio Lower Upper
 113 100
 111 100.7 83.0 124.6
 192 23.1 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

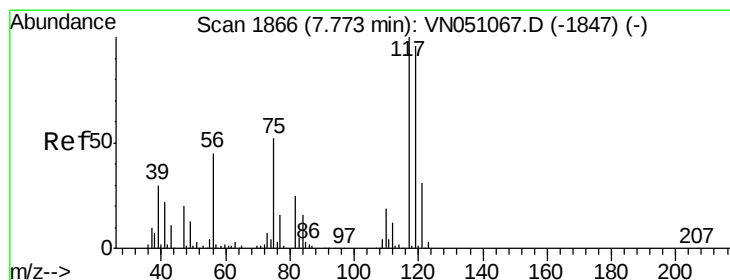
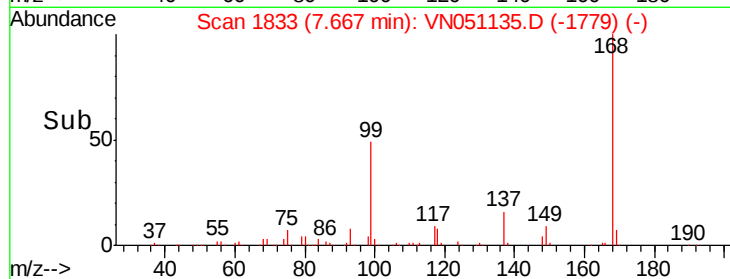
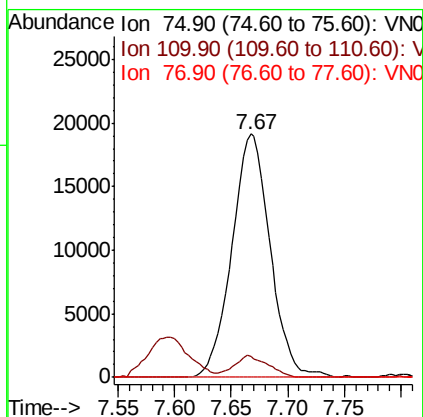
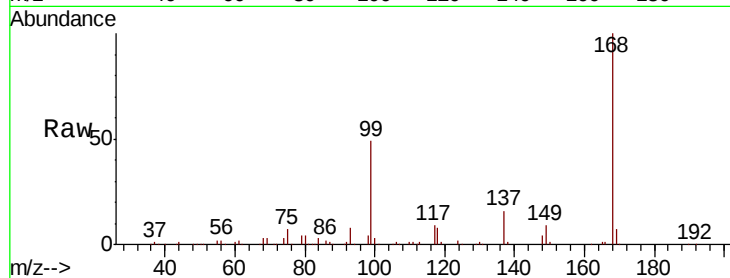




#36
 1,1-Dichloropropene
 Concen: 3.95 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

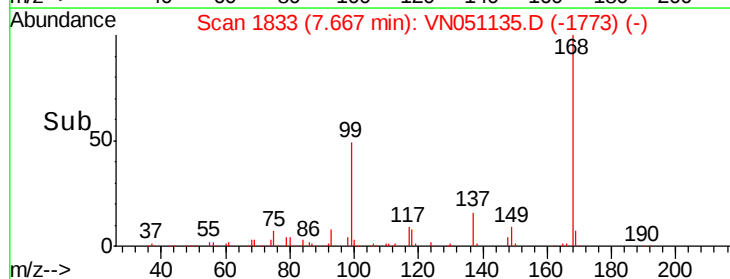
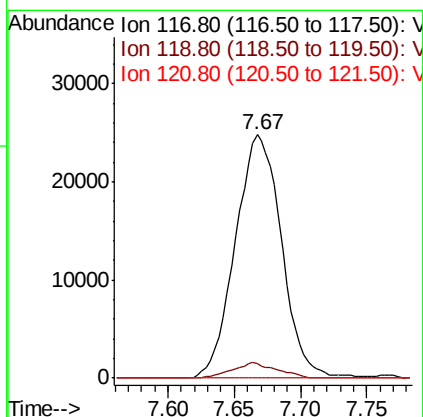
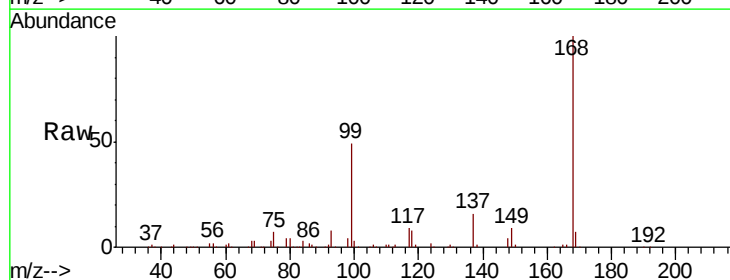
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDL

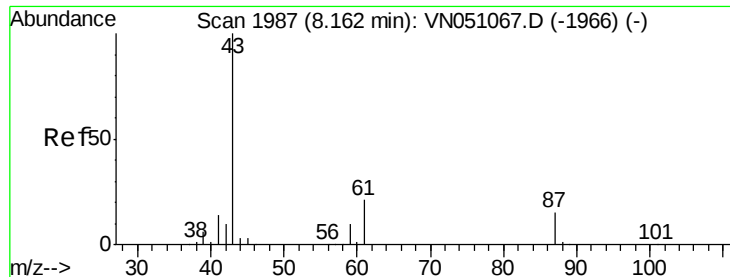
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.32 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.8	115.2#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 3.97 ug/l

RT: 8.31 min Scan# 2034

Delta R.T. 0.15 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDL

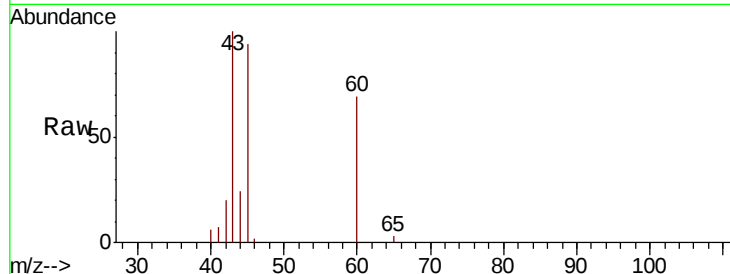
Tot Ion: 43 Resp: 46357

Ion Ratio Lower Upper

43 100

61 0.7 25.0 37.6#

87 0.0 11.8 17.8#

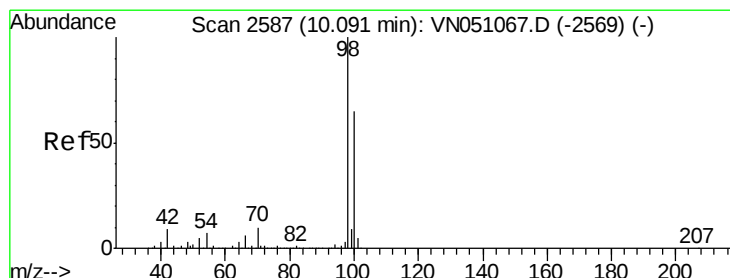
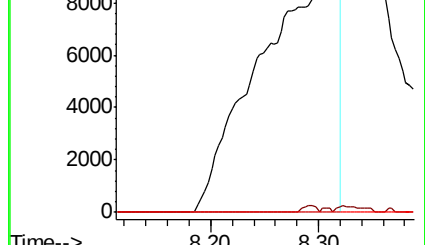
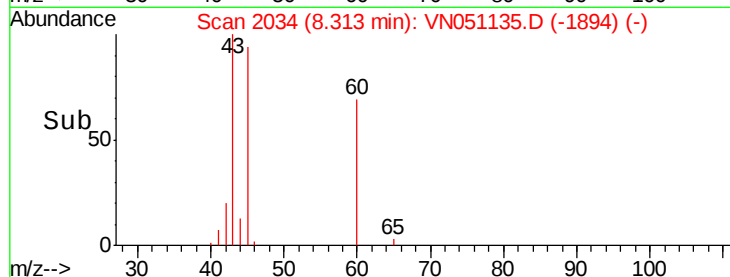


Abundance Ion 43.00 (42.70 to 43.70): VN051135.D (-2034) (-)

Ion 61.00 (60.70 to 61.70): VN051135.D (-2034) (-)

Ion 87.00 (86.70 to 87.70): VN051135.D (-2034) (-)

Time-->



#50

Toluene-d8

Concen: 48.69 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051135.D

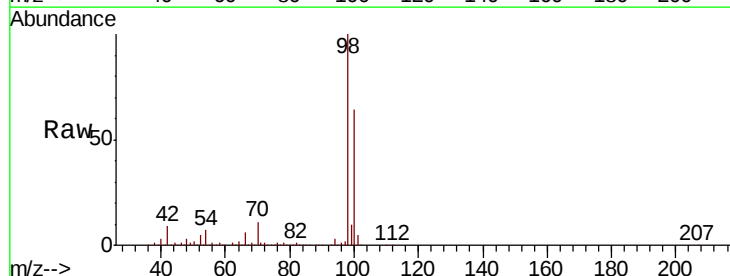
Acq: 11 Sep 2018 18:30

Tgt Ion: 98 Resp: 1444915

Ion Ratio Lower Upper

98 100

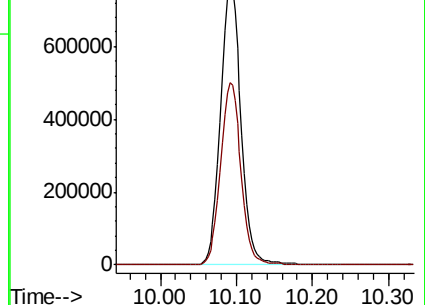
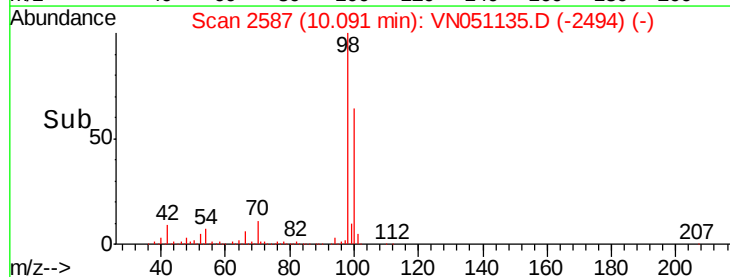
100 64.6 52.0 78.0

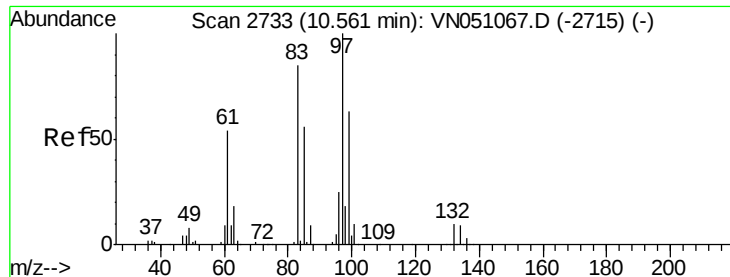


Abundance Ion 98.00 (97.70 to 98.70): VN051135.D (-2587) (-)

Ion 100.00 (99.70 to 100.70): VN051135.D (-2587) (-)

Time-->





#55

1,1,2-Trichloroethane

Concen: 0.47 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-FDL

Tot Ion: 97 Resp: 3572

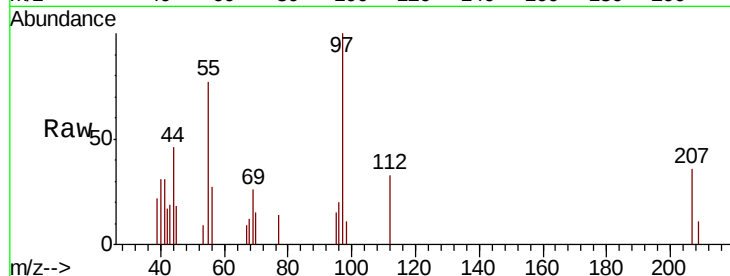
Ion Ratio Lower Upper

97 100

83 0.0 68.2 102.2#

85 0.0 44.8 67.2#

99 0.0 50.2 75.4#

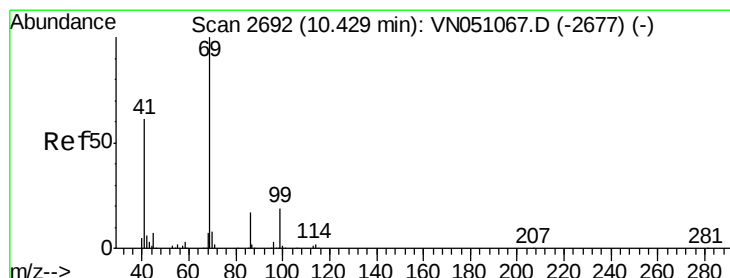
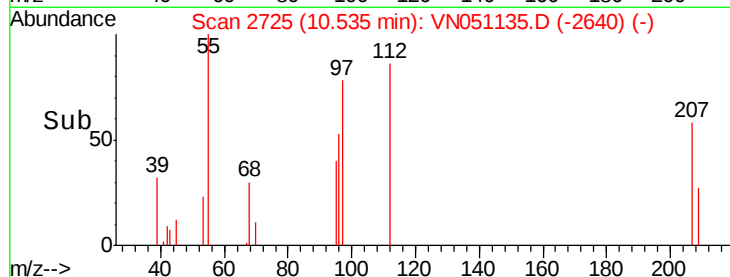
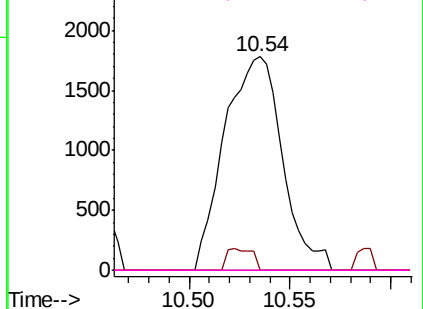


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 2.66 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

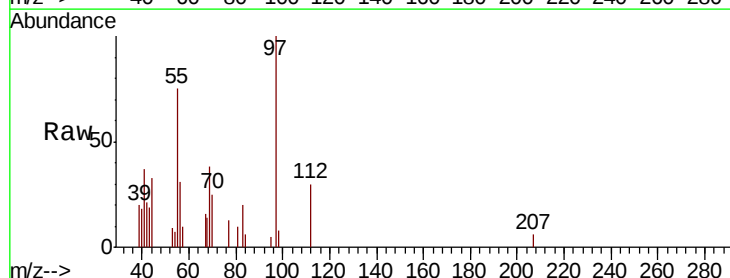
Tgt Ion: 69 Resp: 2209

Ion Ratio Lower Upper

69 100

41 121.0 47.8 71.8#

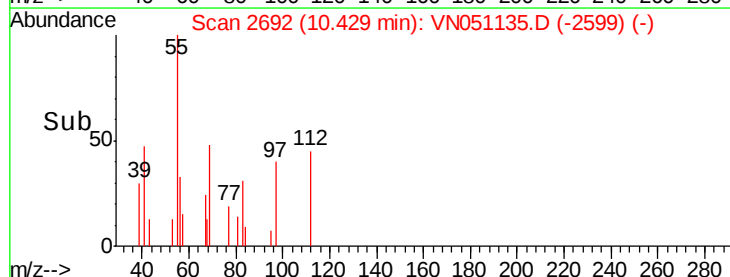
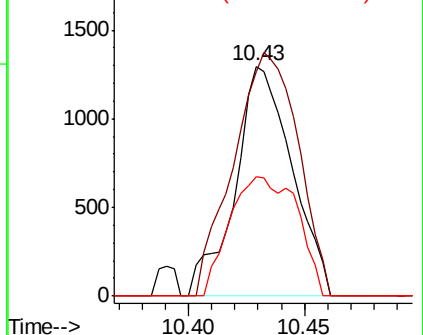
39 61.9 23.0 34.4#

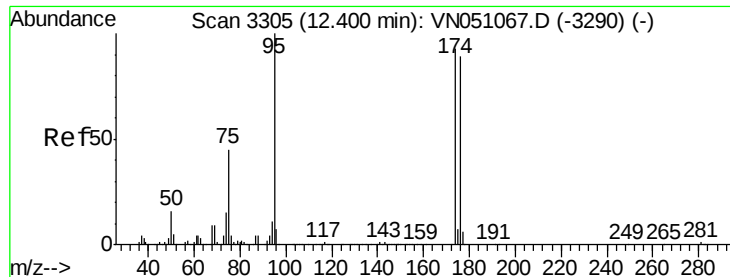


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#62

4-Bromofluorobenzene

Concen: 44.81 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDL

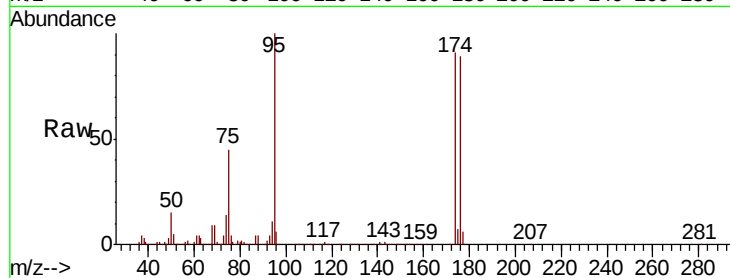
Tot Ion: 95 Resp: 439825

Ion Ratio Lower Upper

95 100

174 91.5 0.0 184.8

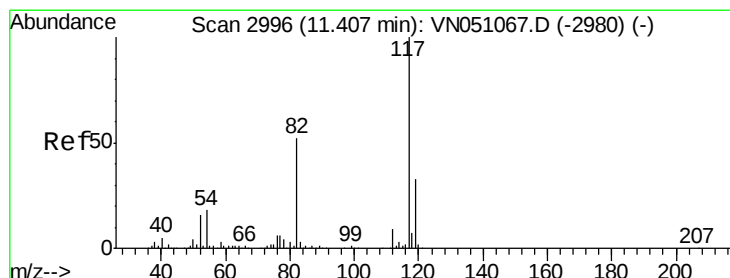
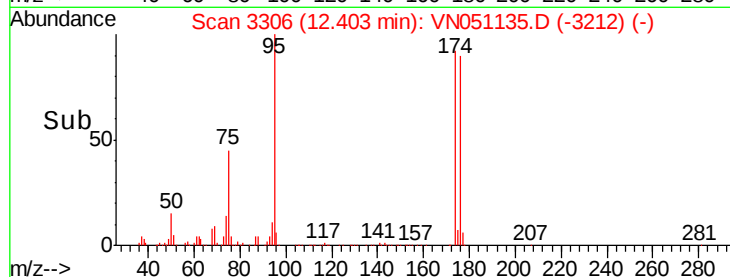
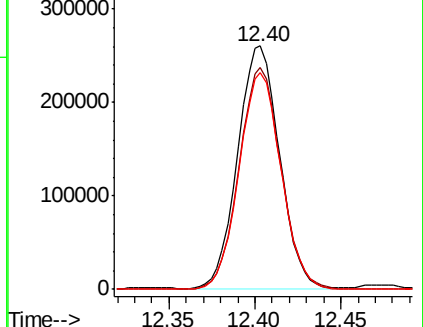
176 89.7 0.0 178.6



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# 2997

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

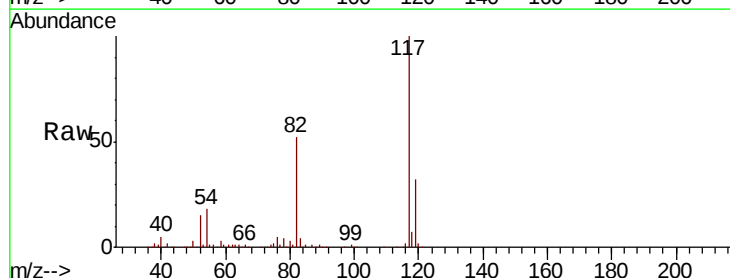
Tgt Ion: 117 Resp: 894034

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.6

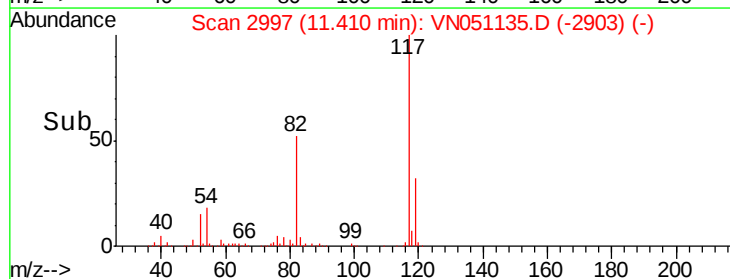
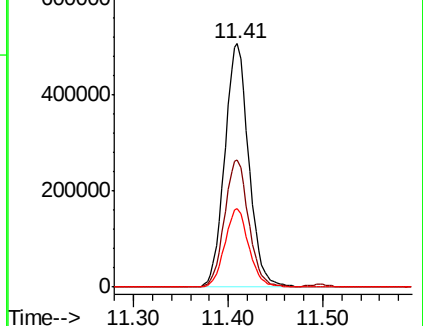
119 32.2 26.2 39.2

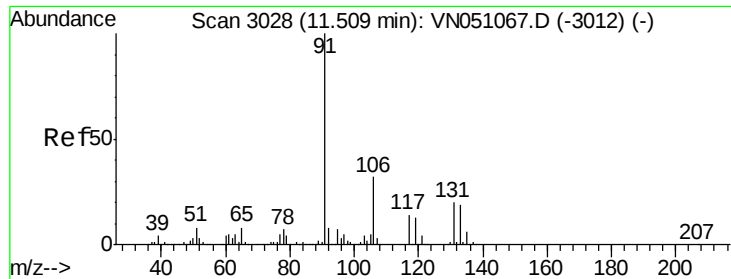


Abundance Ion 116.90 (116.60 to 117.60): VN051067.D (-2980) (-)

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: 1.10 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampled :

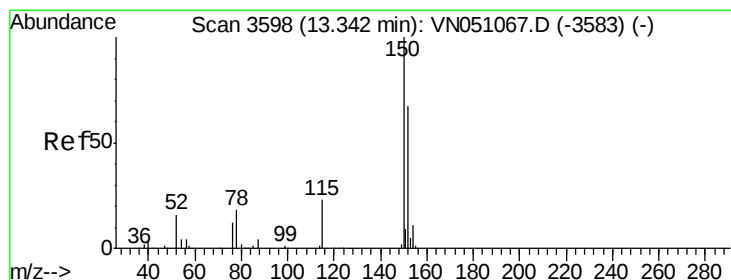
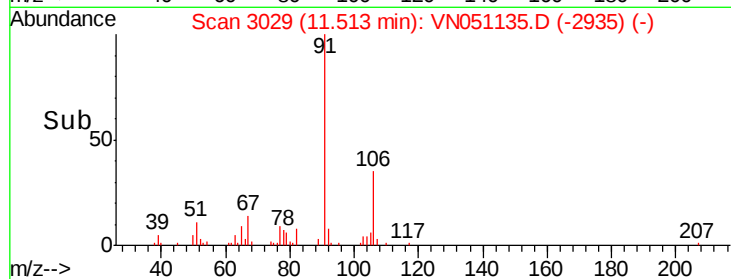
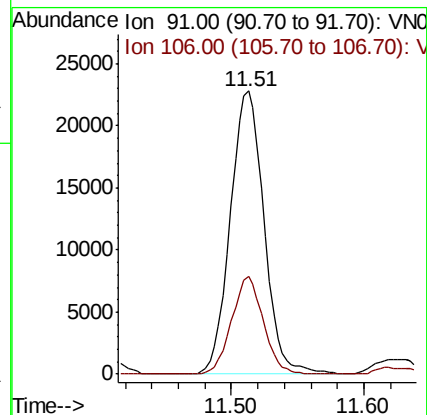
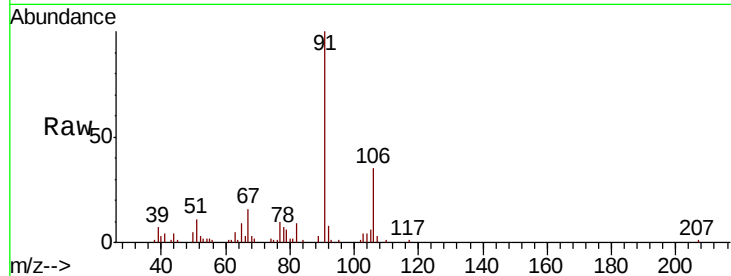
EP1-MW-FDL

Tot Ion: 91 Resp: 40290

Ion Ratio Lower Upper

91 100

106 34.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

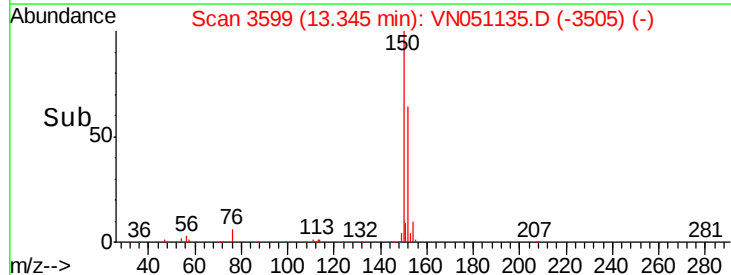
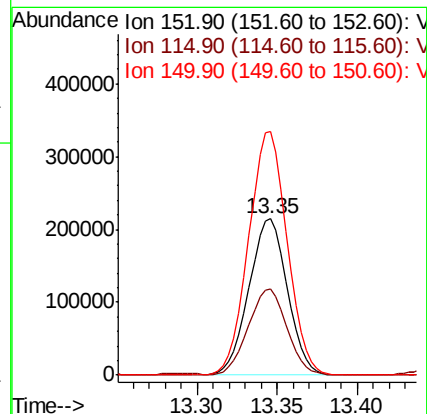
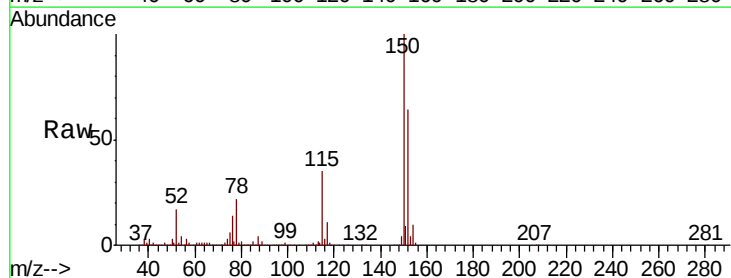
Tgt Ion: 152 Resp: 354067

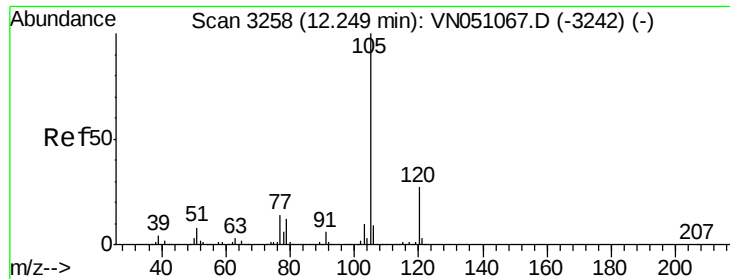
Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 155.6 0.0 349.0





#73

Isopropylbenzene

Concen: 18.61 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampled :

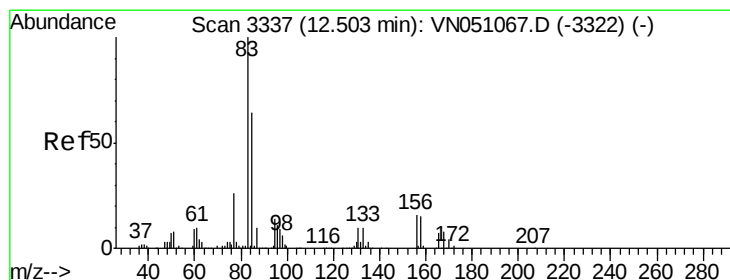
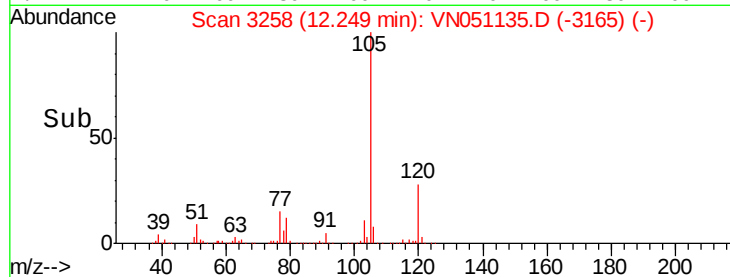
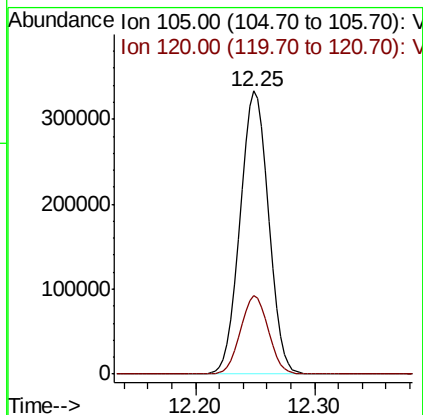
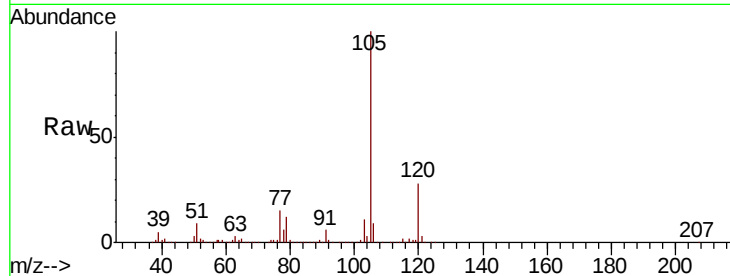
EP1-MW-FDL

Tot Ion:105 Resp: 552556

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3326

Delta R.T. -0.03 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

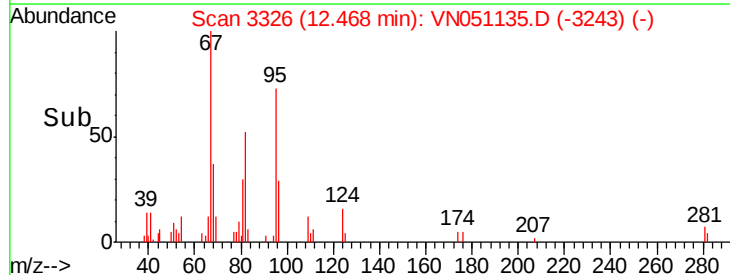
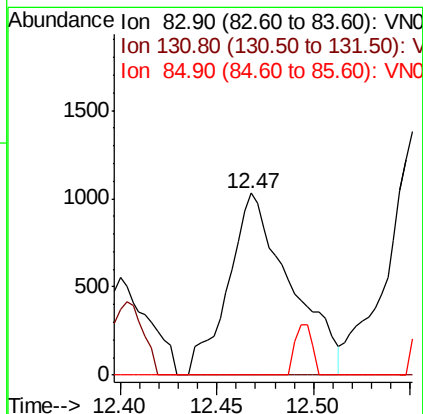
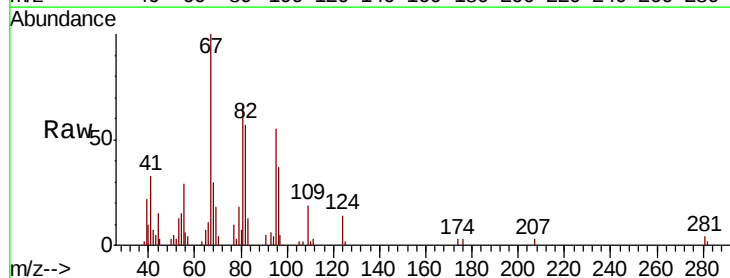
Tgt Ion: 83 Resp: 2304

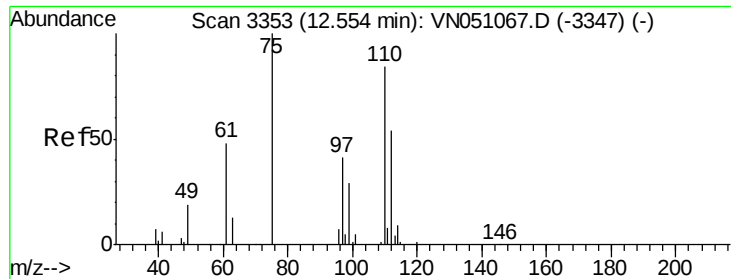
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampleId :

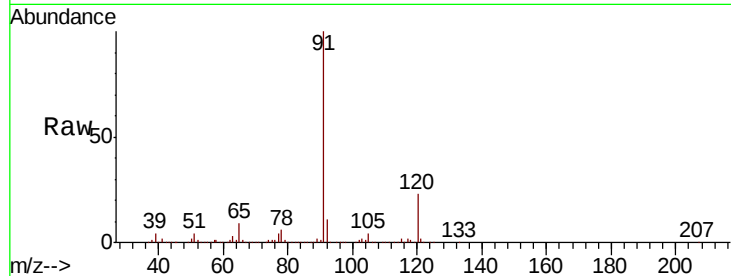
EP1-MW-FDL

Tot Ion: 75 Resp: 6093

Ion Ratio Lower Upper

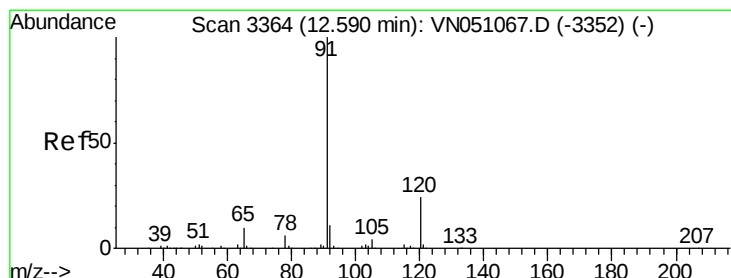
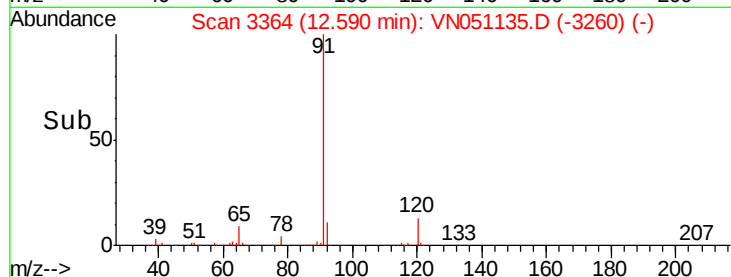
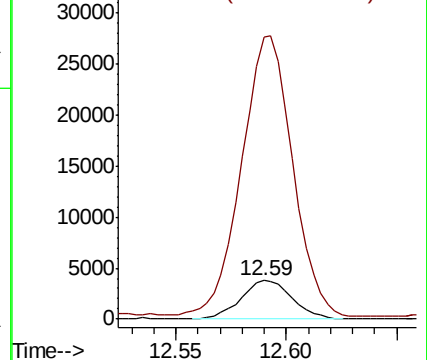
75 100

77 727.4 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: 35.78 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051135.D

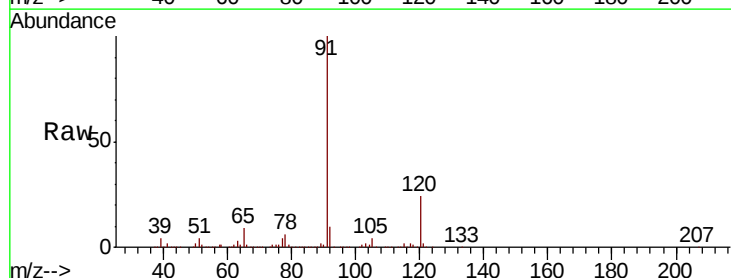
Acq: 11 Sep 2018 18:30

Tgt Ion: 91 Resp: 1167675

Ion Ratio Lower Upper

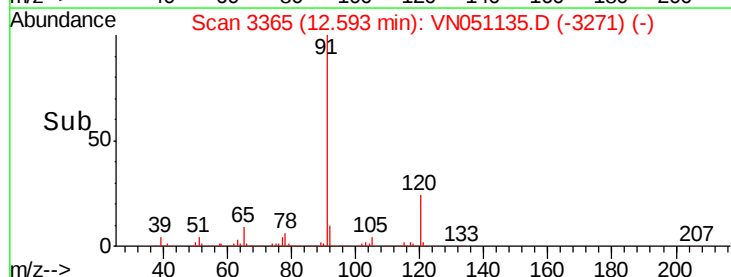
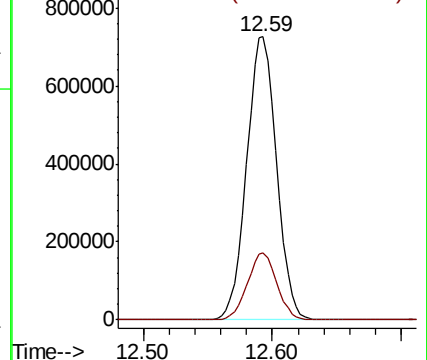
91 100

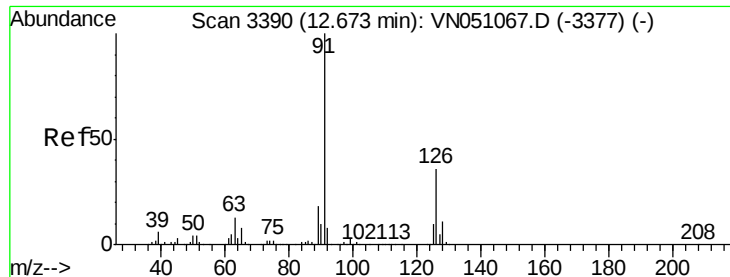
120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

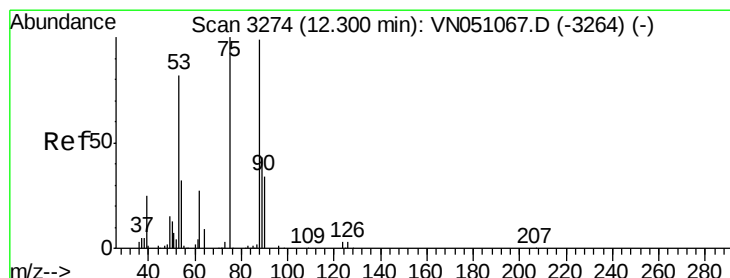
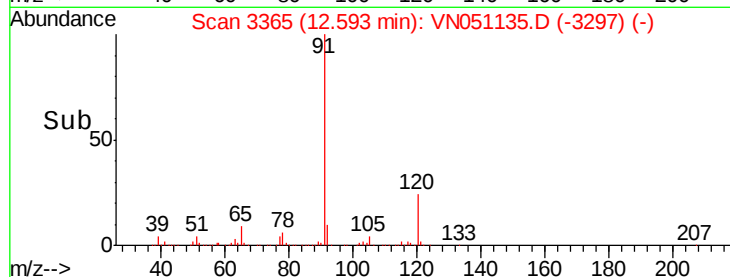
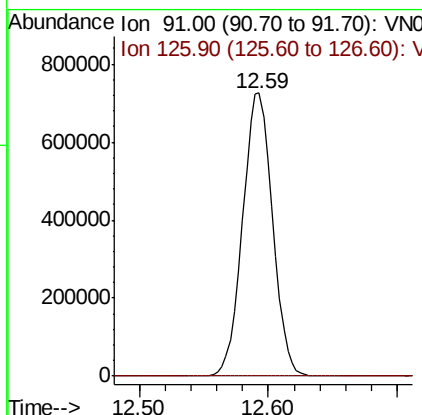
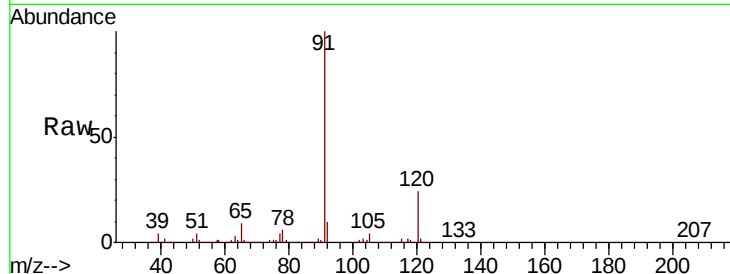




#79
 2-Chlorotoluene
 Concen: 57.24 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.08 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

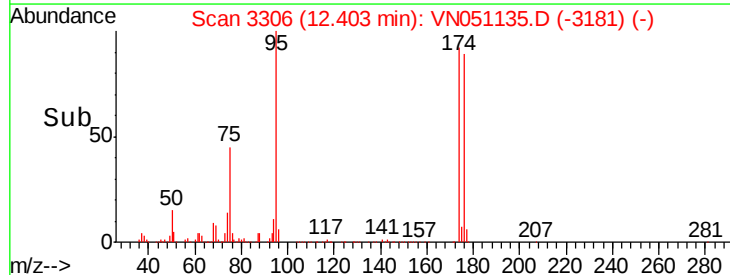
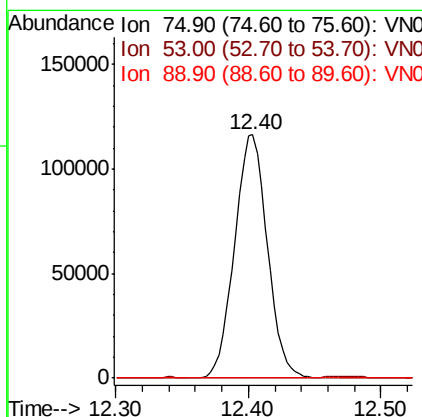
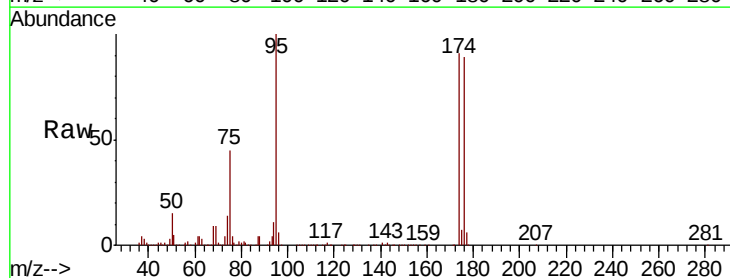
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-FDL

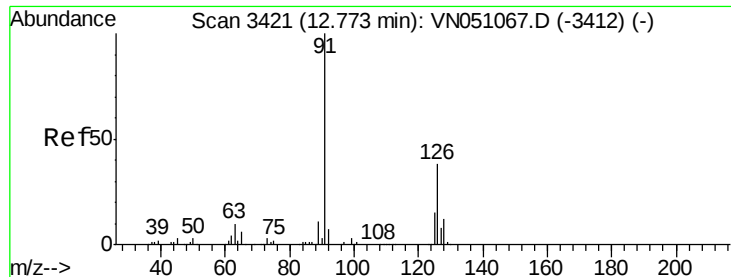
Tot Ion: 91 Resp: 1167675
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.30 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Tgt Ion: 75 Resp: 200050
 Ion Ratio Lower Upper
 75 100
 53 0.2 67.8 101.8#
 89 0.0 36.0 54.0#





#82

4-Chlorotoluene

Concen: 57.66 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.18 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampled :

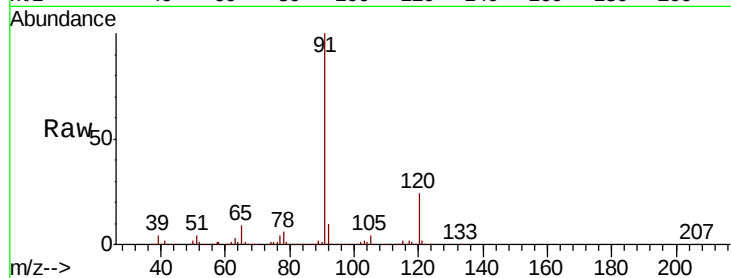
EP1-MW-FDL

Tot Ion: 91 Resp: 1167675

Ion Ratio Lower Upper

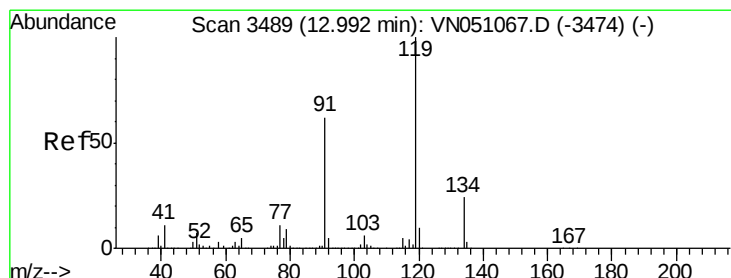
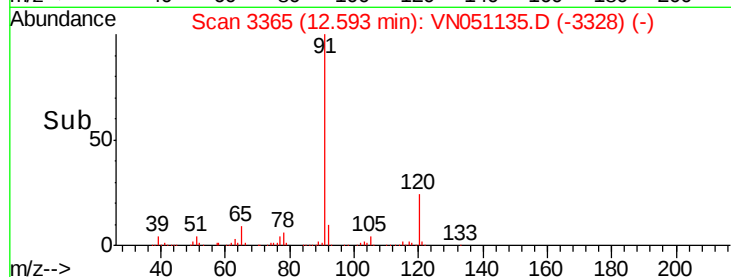
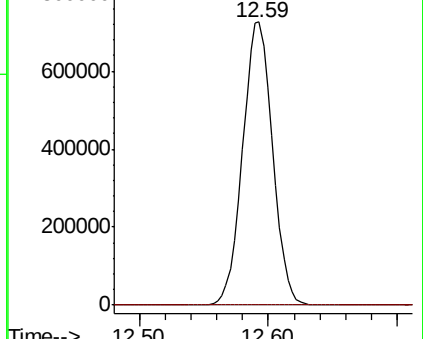
91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN051067.D (-3412) (-)



#83

tert-Butylbenzene

Concen: 2.90 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

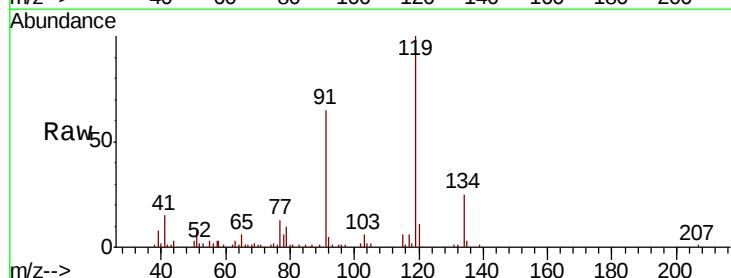
Tgt Ion: 119 Resp: 61499

Ion Ratio Lower Upper

119 100

91 66.6 30.8 92.3

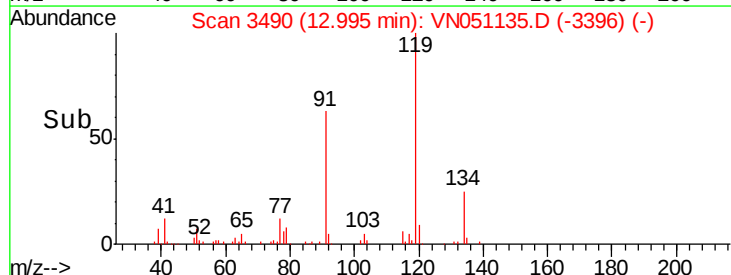
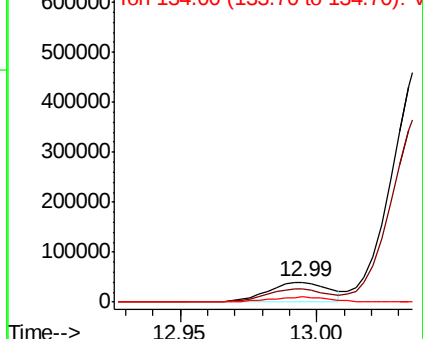
134 27.1 13.2 39.6

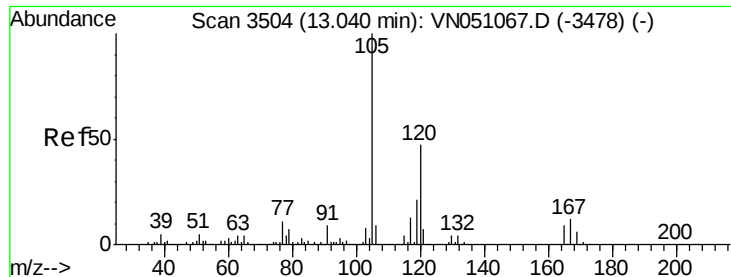


Abundance Ion 119.00 (118.70 to 119.70): VN051067.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN051067.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN051067.D (-3474) (-)





#84

1,2,4-Trimethylbenzene

Concen: 273.78 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampleId :

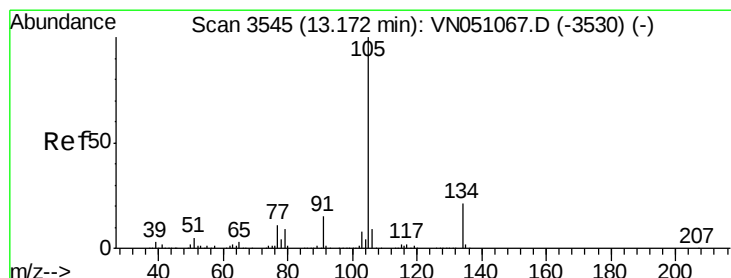
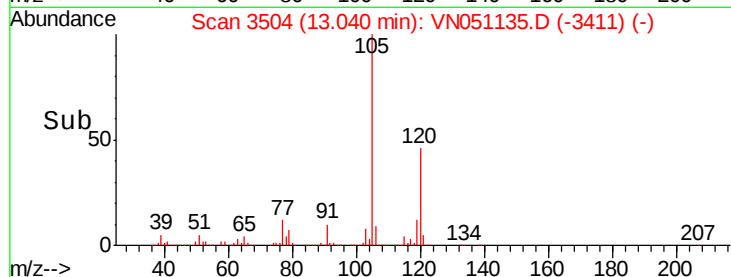
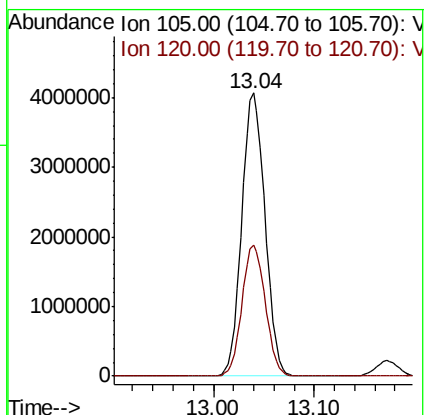
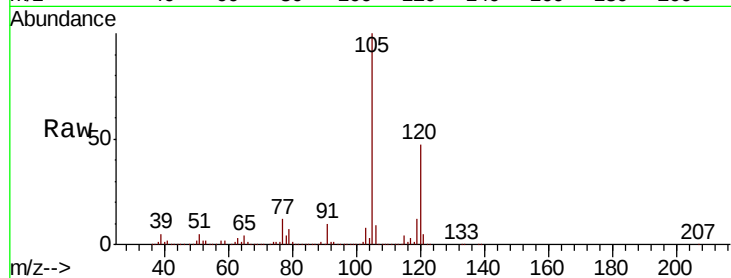
EP1-MW-FDL

Tot Ion:105 Resp: 6462306

Ion Ratio Lower Upper

105 100

120 46.4 23.3 69.8



#85

sec-Butylbenzene

Concen: 13.19 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051135.D

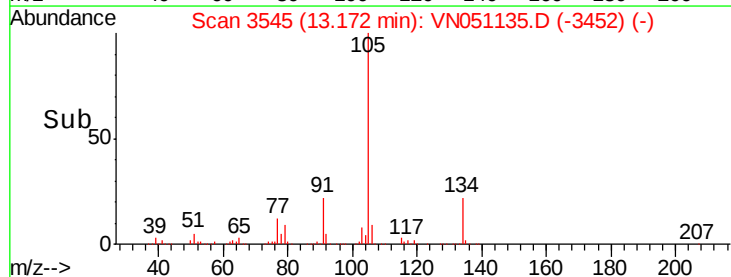
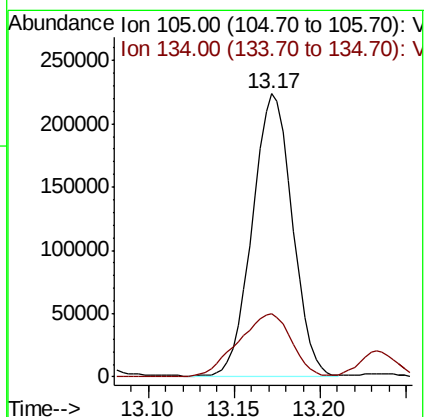
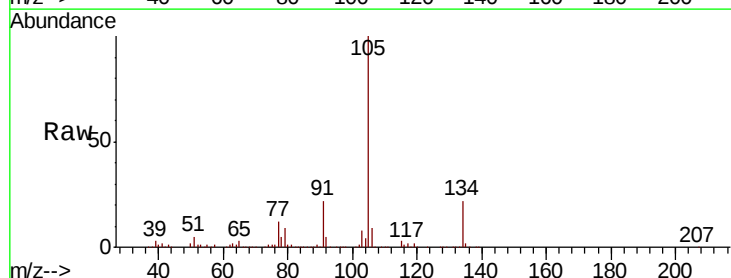
Acq: 11 Sep 2018 18:30

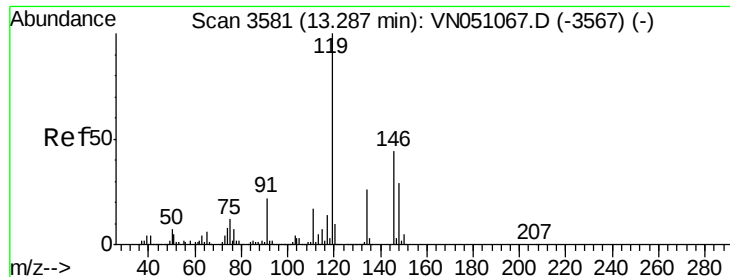
Tgt Ion:105 Resp: 358491

Ion Ratio Lower Upper

105 100

134 29.9 10.4 31.4

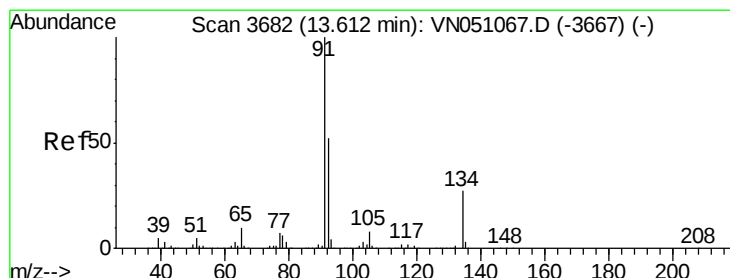
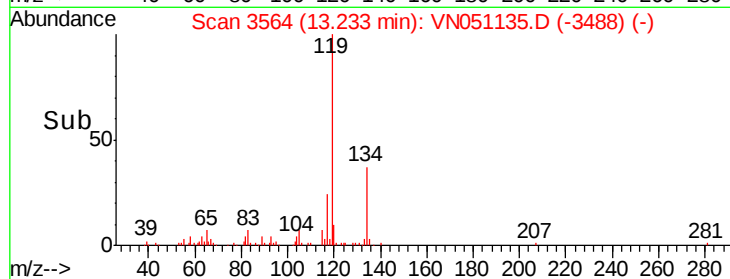
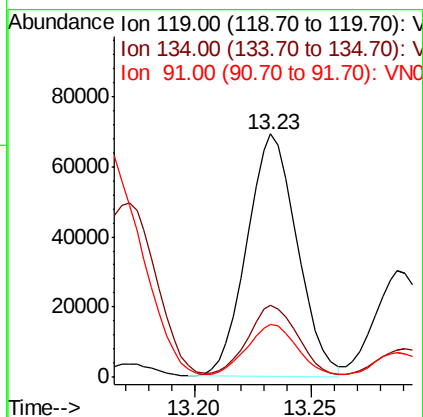
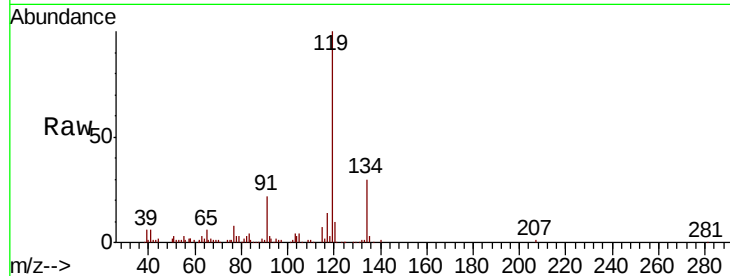




#86
p-Isopropyltoluene
Concen: 4.50 ug/l
RT: 13.23 min Scan# 3564
Delta R.T. -0.05 min
Lab File: VN051135.D
Acq: 11 Sep 2018 18:30

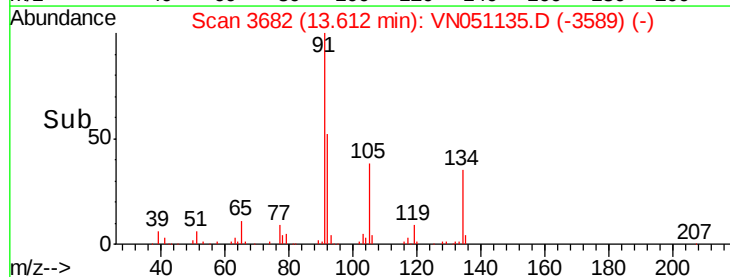
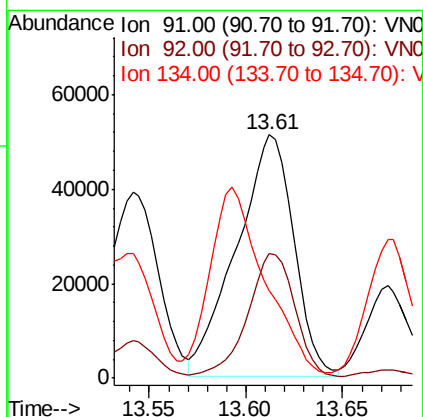
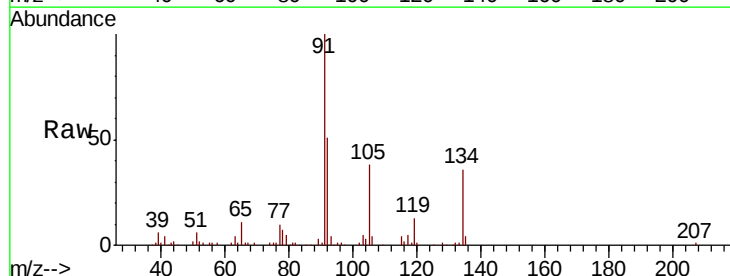
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-FDL

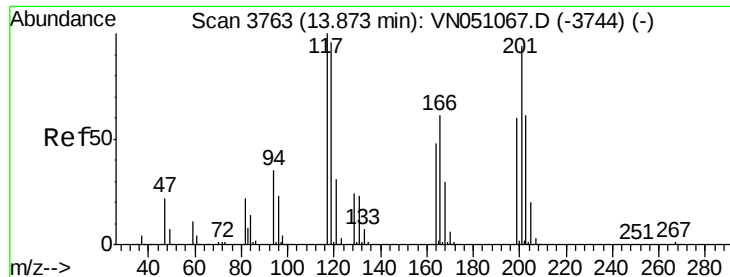
Tot Ion:119 Resp: 103744
Ion Ratio Lower Upper
119 100
134 30.1 13.5 40.4
91 20.2 10.9 32.9



#89
n-Butylbenzene
Concen: 5.90 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN051135.D
Acq: 11 Sep 2018 18:30

Tgt Ion: 91 Resp: 105766
Ion Ratio Lower Upper
91 100
92 43.2 26.2 78.6
134 71.8 13.7 41.1#





#90

Hexachloroethane

Concen: 13.62 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampleId :

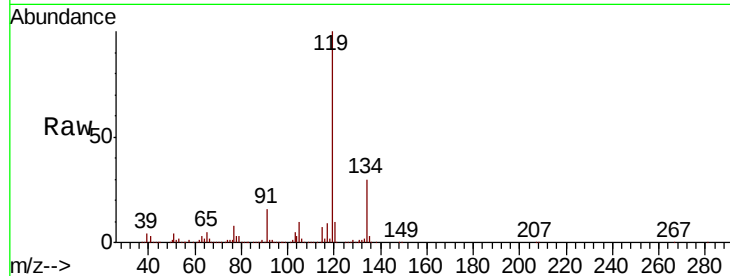
EP1-MW-FDL

Tot Ion:117 Resp: 59032

Ion Ratio Lower Upper

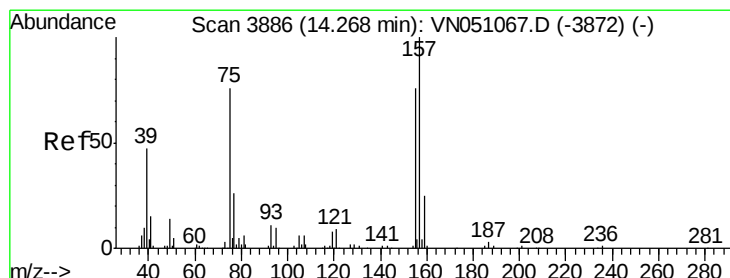
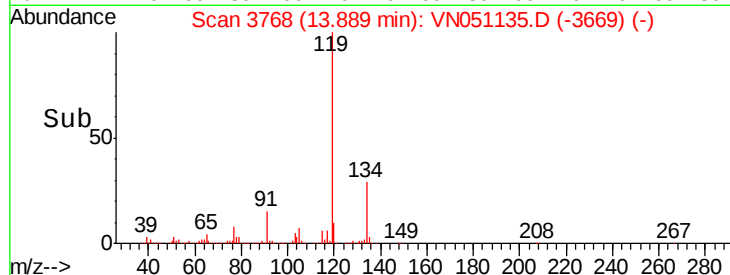
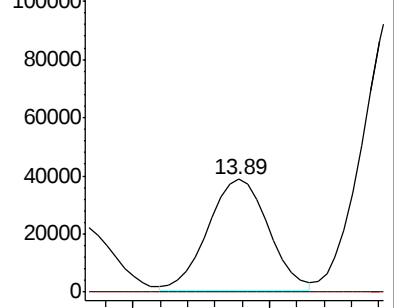
117 100

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: 3.68 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

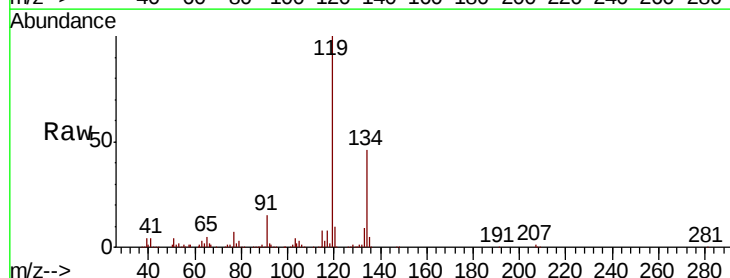
Tgt Ion: 75 Resp: 3103

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

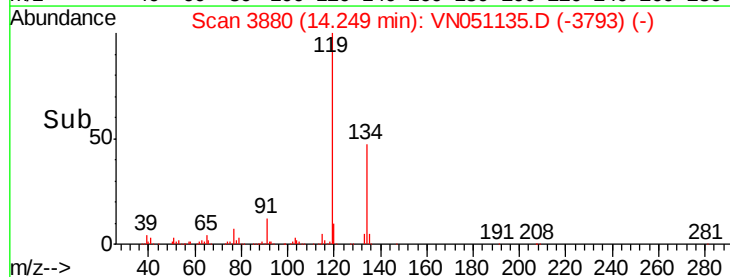
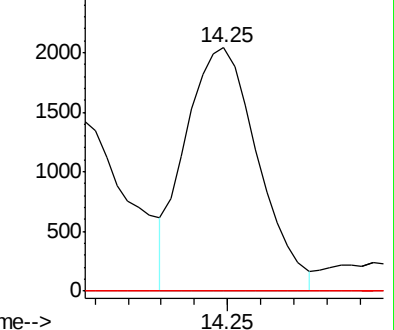
157 0.0 63.6 190.9#

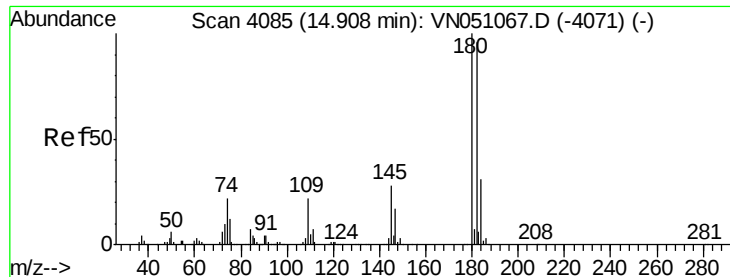


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

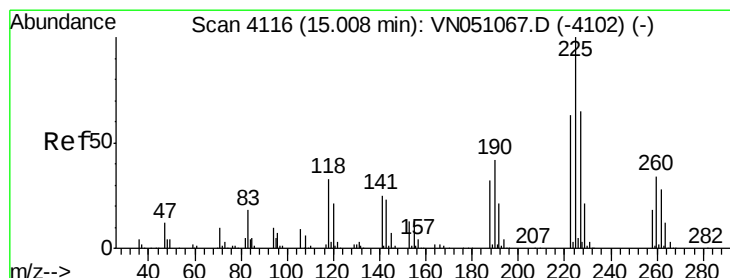
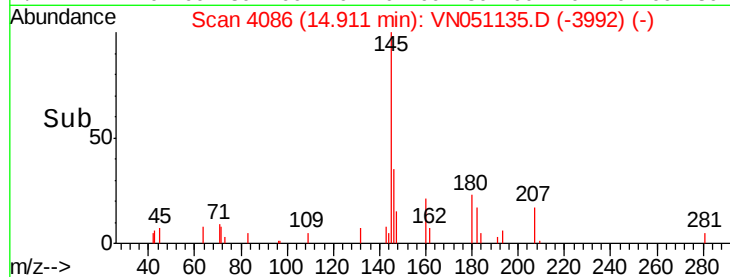
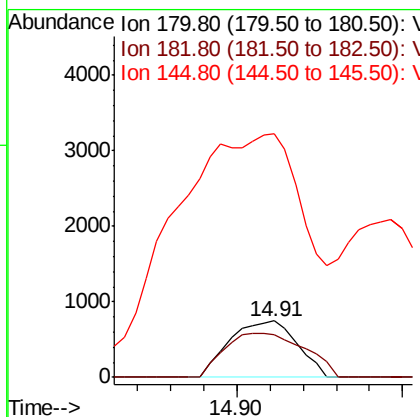
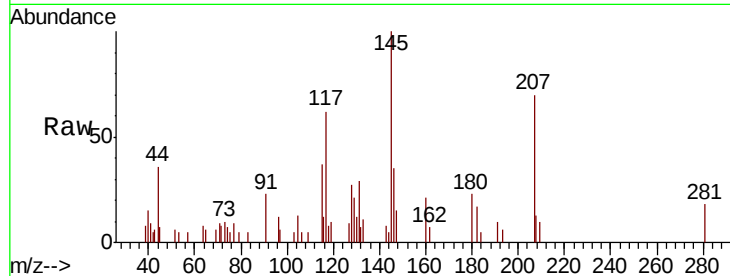




#93
 1,2,4-Trichlorobenzene
 Concen: 4.13 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

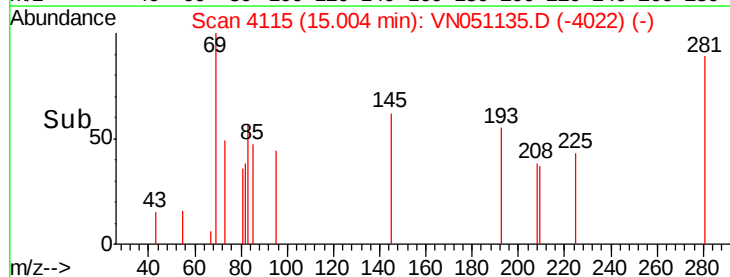
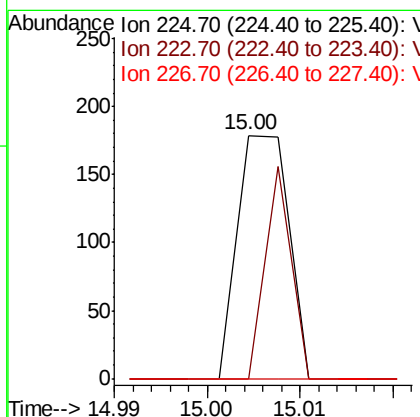
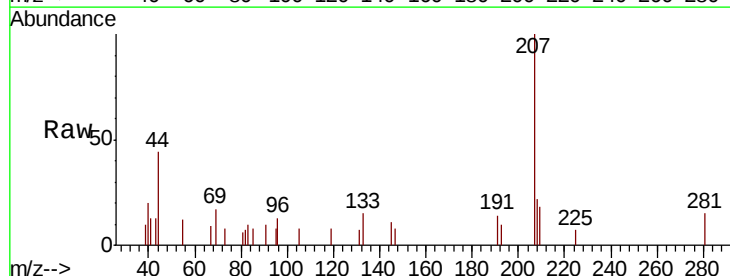
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-FDL

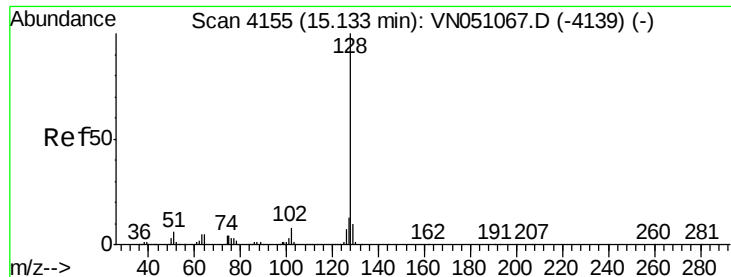
Tot Ion:180 Resp: 1055
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.3 141.8
 145 806.7 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN051135.D
 Acq: 11 Sep 2018 18:30

Tgt Ion:225 Resp: 69
 Ion Ratio Lower Upper
 225 100
 223 43.5 31.4 94.0
 227 0.0 32.1 96.3#





#95

Naphthalene

Concen: 5.57 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-FDL

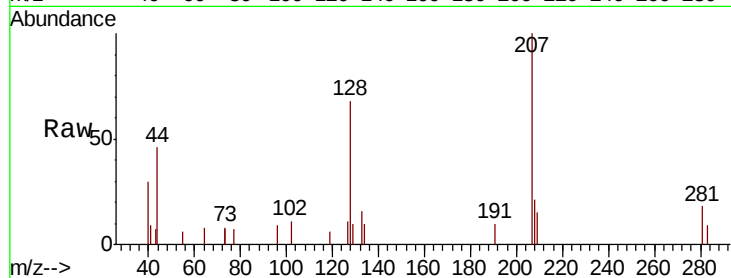
Tot Ion:128 Resp: 3357

Ion Ratio Lower Upper

128 100

127 8.4 10.6 15.8#

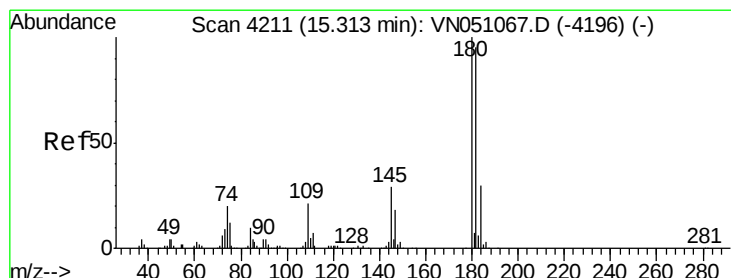
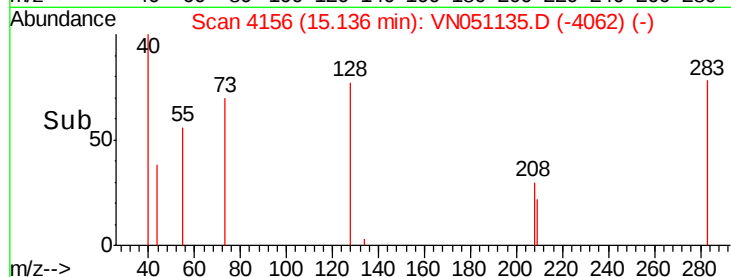
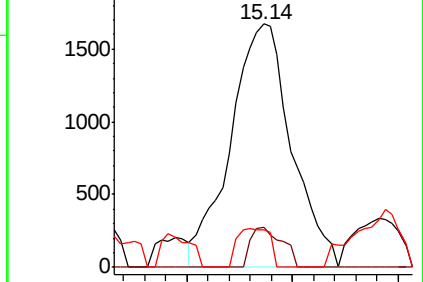
129 8.4 8.6 12.8#



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: 3.09 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN051135.D

Acq: 11 Sep 2018 18:30

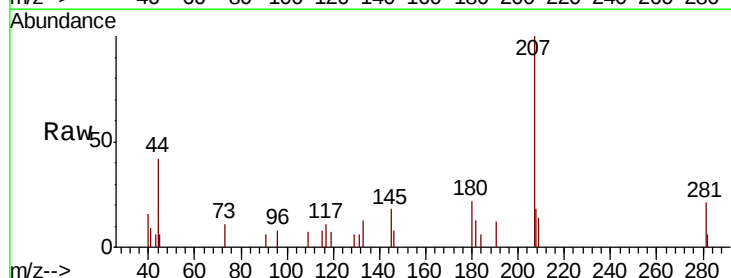
Tgt Ion:180 Resp: 930

Ion Ratio Lower Upper

180 100

182 74.6 47.8 143.3

145 146.8 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

