

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051134.D
 Acq On : 11 Sep 2018 18:05
 Operator : MD\SY
 Sample : J4849-10DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-HDL

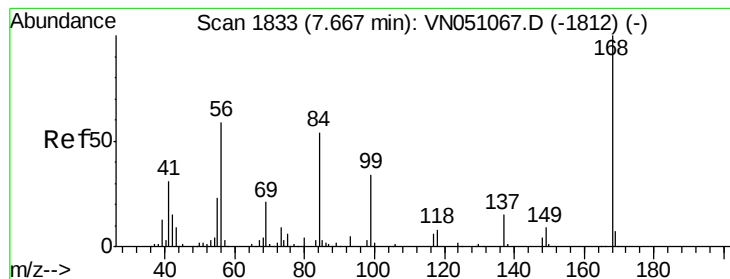
Quant Time: Sep 12 01:08:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	686338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	887098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	320027	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	404948	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
35) Dibromofluoromethane	7.59	113	393645	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.09	98	1446874	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	12.40	95	406231	41.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.34%	

Target Compounds				Qvalue		
5) Bromomethane	2.57	94	3396	Below Cal		86
10) Methyl Iodide	3.95	142	560	5.70 ug/l #		57
11) Tert butyl alcohol	4.78	59	201	0.34 ug/l #		73
13) Acrolein	3.62	56	112	24.42 ug/l #		13
16) Acetone	3.83	43	2079	Below Cal #		40
17) Carbon Disulfide	4.05	76	8826	0.52 ug/l		95
31) Cyclohexane	7.67	56	11096	0.66 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	44217	3.85 ug/l #		48
38) Carbon Tetrachloride	7.67	117	61082	5.40 ug/l #		16
43) Isopropyl Acetate	8.28	43	36490	3.11 ug/l #		50
56) Ethyl methacrylate	10.44	69	790	2.53 ug/l #		1
73) Isopropylbenzene	12.25	105	87002	3.24 ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.53	83	206	Below Cal #		26
76) 1,2,3-Trichloropropane	12.40	75	185784	37.06 ug/l #		100
78) n-propylbenzene	12.59	91	181895	6.17 ug/l		99
79) 2-Chlorotoluene	12.59	91	181895	9.87 ug/l #		39
80) 1,3,5-Trimethylbenzene	12.73	105	50814	2.34 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.40	75	185784	110.25 ug/l #		15
82) 4-Chlorotoluene	12.59	91	181895	9.94 ug/l #		40
83) tert-Butylbenzene	12.99	119	54868	2.86 ug/l		97
84) 1,2,4-Trimethylbenzene	13.04	105	1425812	66.83 ug/l		99
85) sec-Butylbenzene	13.17	105	229081	9.32 ug/l		84
86) p-Isopropyltoluene	13.29	119	89525	4.30 ug/l		98
89) n-Butylbenzene	13.61	91	54043	3.33 ug/l #		46
90) Hexachloroethane	13.89	117	12382	2.68 ug/l #		2
92) 1,2-Dibromo-3-Chloropropan	14.28	75	66	0.73 ug/l #		1
93) 1,2,4-Trichlorobenzene	14.91	180	812	4.11 ug/l #		1
94) Hexachlorobutadiene	15.01	225	267	Below Cal		63
95) Naphthalene	15.13	128	6799	5.85 ug/l		97
96) 1,2,3-Trichlorobenzene	15.31	180	1188	3.15 ug/l #		64

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

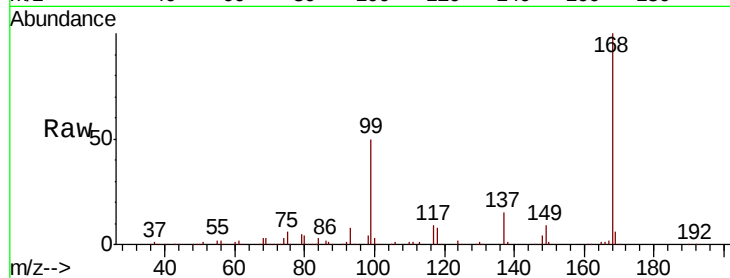
EP1-MW-HDL

Tot Ion:168 Resp: 686338

Ion Ratio Lower Upper

168 100

99 49.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)

7.67

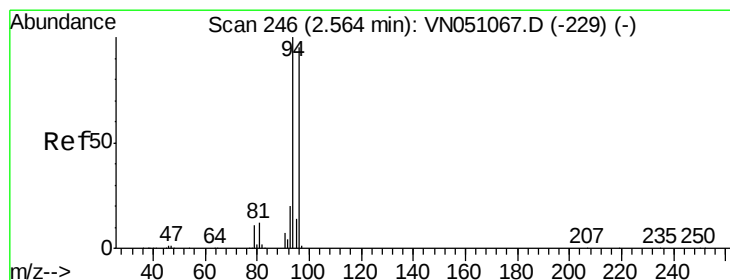
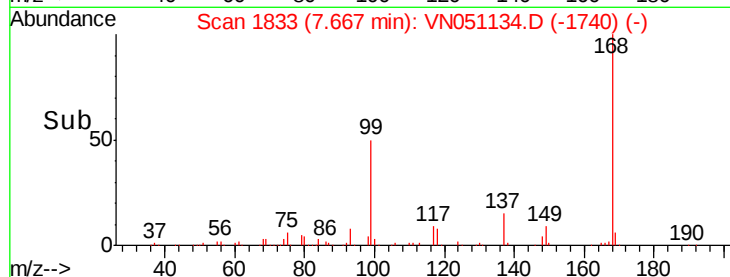
300000

200000

100000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051134.D

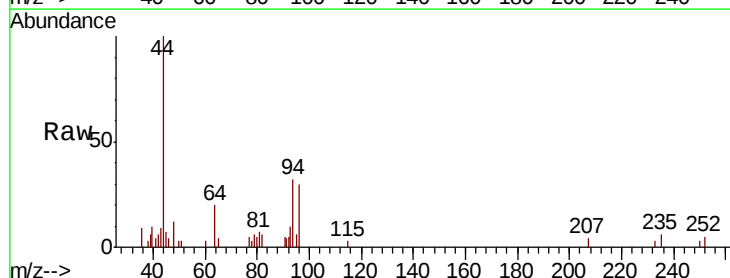
Acq: 11 Sep 2018 18:05

Tgt Ion: 94 Resp: 3396

Ion Ratio Lower Upper

94 100

96 81.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051067.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051067.D (-229) (-)

2000

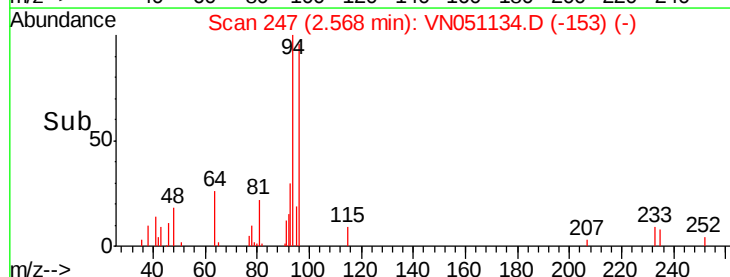
1500

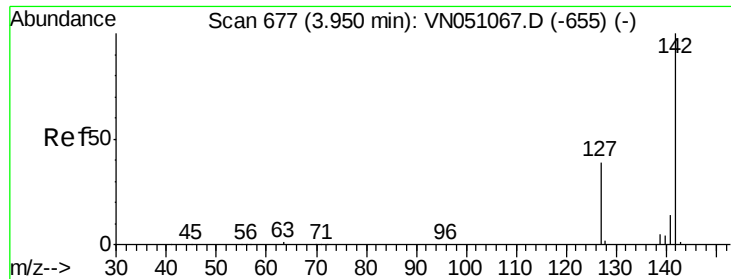
1000

500

0

Time--> 2.55 2.60

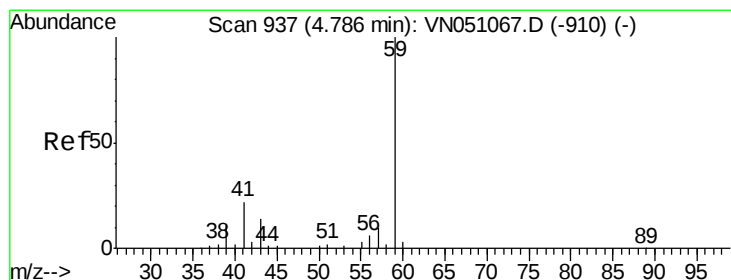
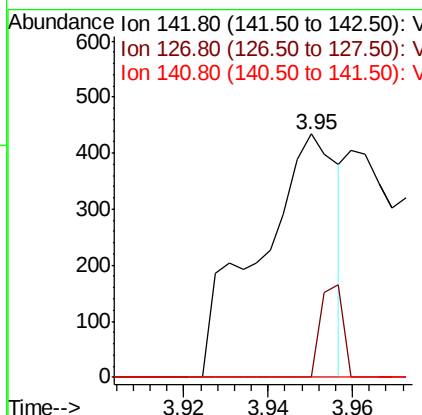
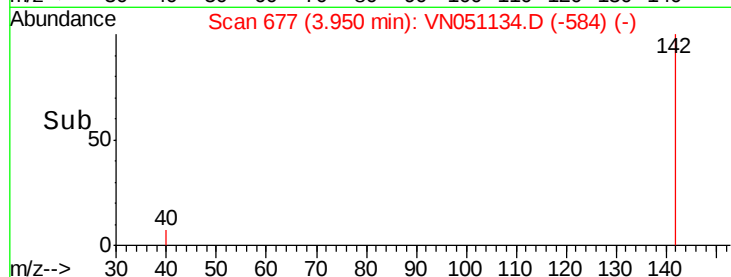
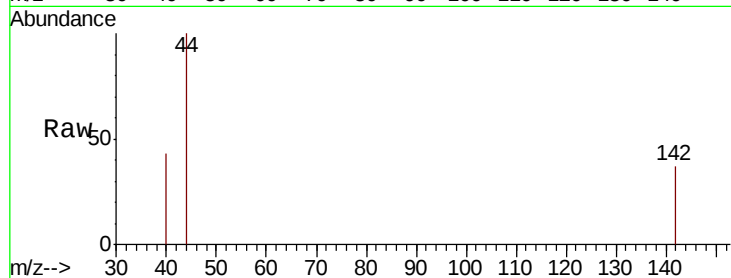




#10
Methvl Iodide
Concen: 5.70 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

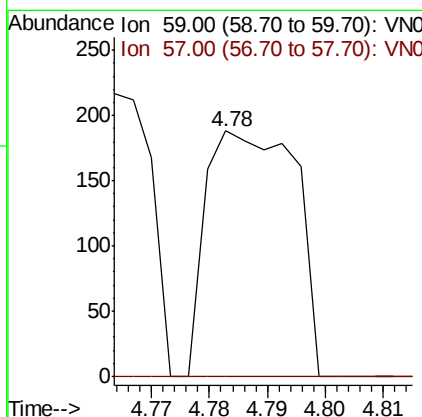
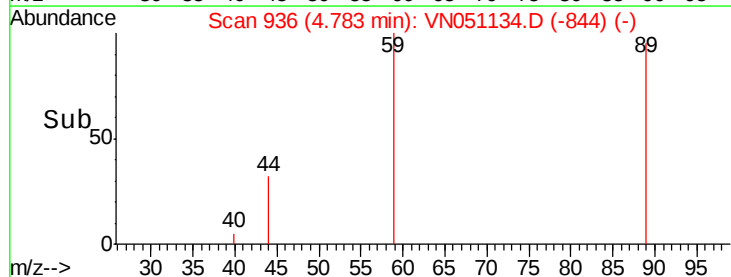
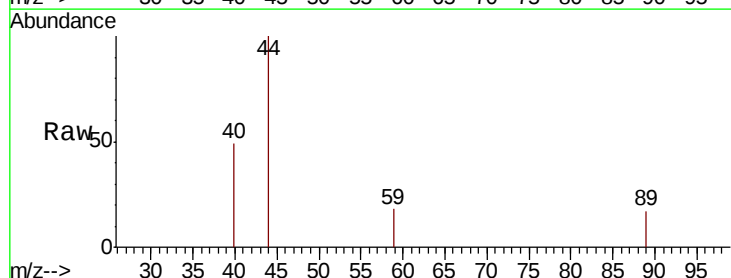
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-HDL

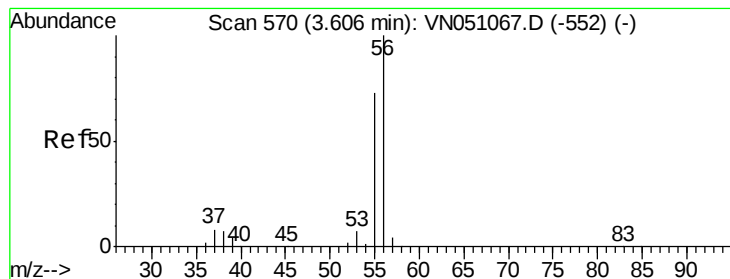
Tot Ion:142 Resp: 560
Ion Ratio Lower Upper
142 100
127 10.9 31.0 46.4#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.34 ug/l
RT: 4.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion: 59 Resp: 201
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 24.42 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

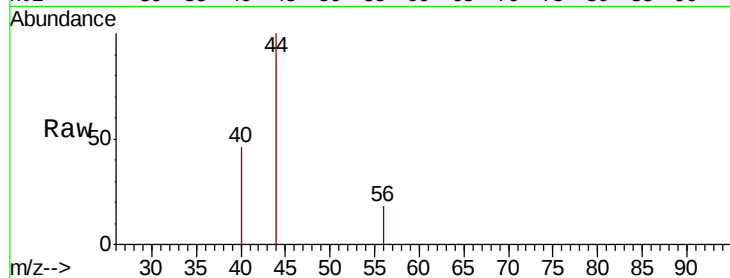
EP1-MW-HDL

Tot Ion: 56 Resp: 112

Ion Ratio Lower Upper

56 100

55 0.0 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.62

200

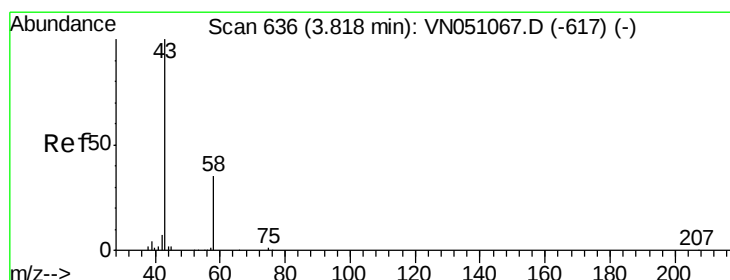
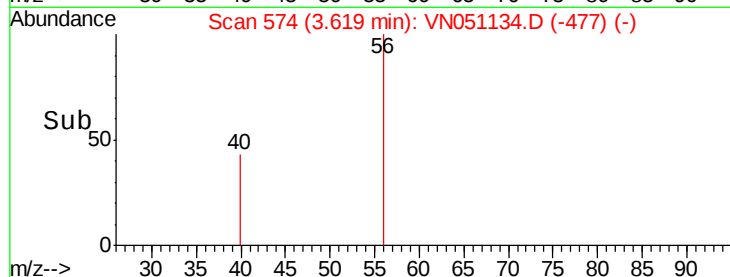
150

100

50

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 641

Delta R.T. 0.02 min

Lab File: VN051134.D

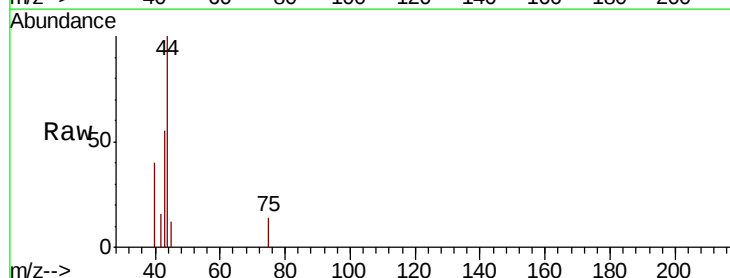
Acq: 11 Sep 2018 18:05

Tgt Ion: 43 Resp: 2079

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800

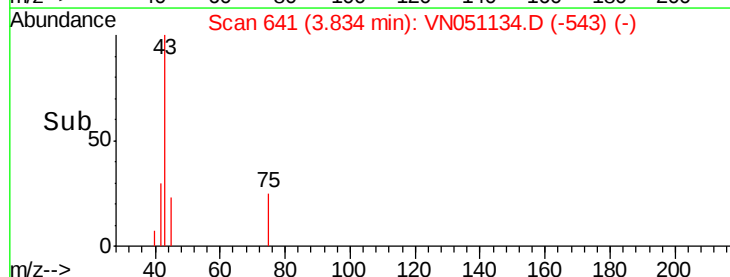
600

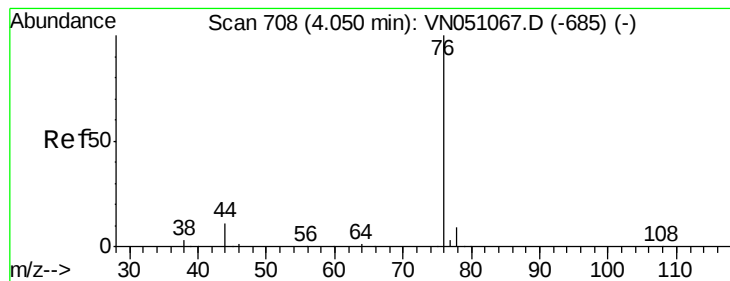
400

200

0

Time-->





#17

Carbon Disulfide

Concen: 0.52 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

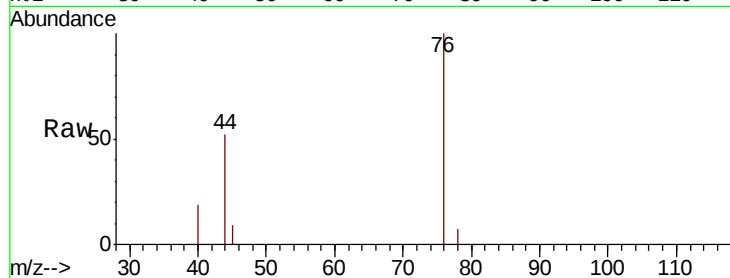
EP1-MW-HDL

Tot Ion: 76 Resp: 8826

Ion Ratio Lower Upper

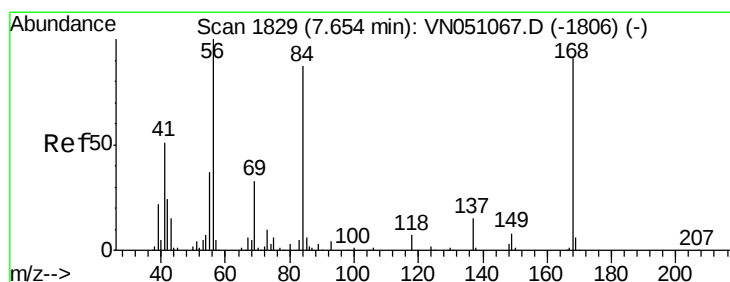
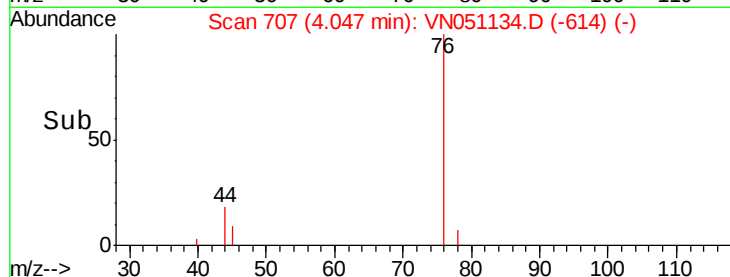
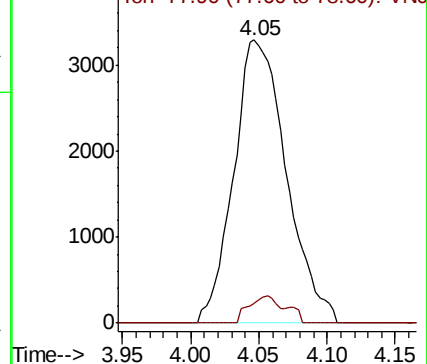
76 100

78 7.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#31

Cyclohexane

Concen: 0.66 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

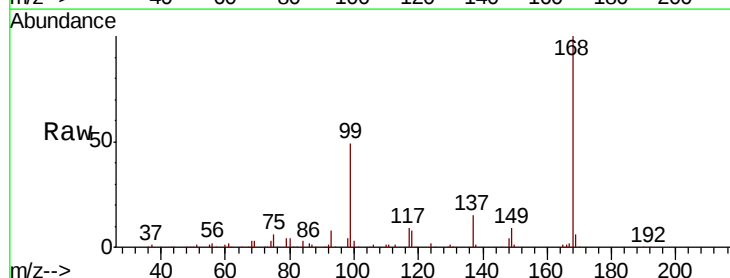
Tgt Ion: 56 Resp: 11096

Ion Ratio Lower Upper

56 100

69 181.3 26.3 39.5#

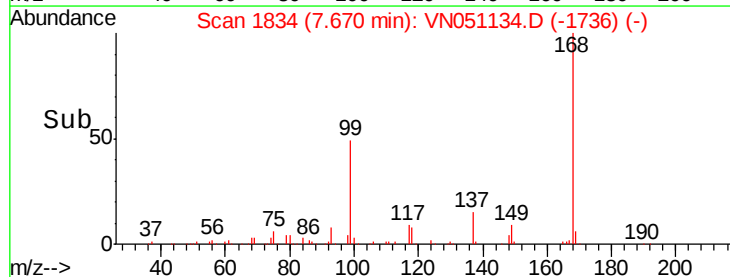
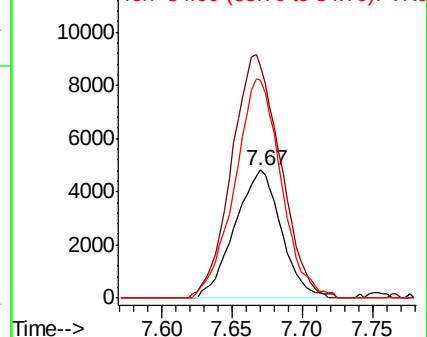
84 169.7 69.4 104.0#

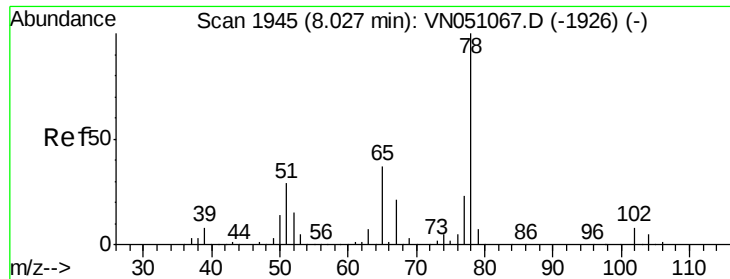


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

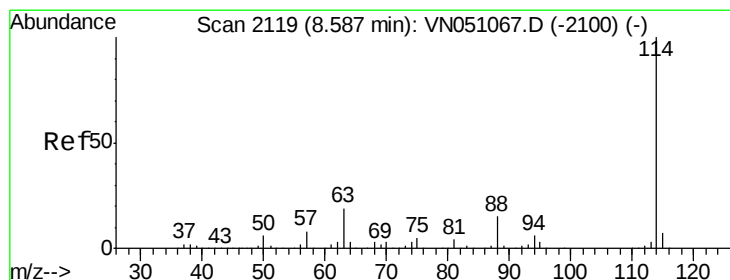
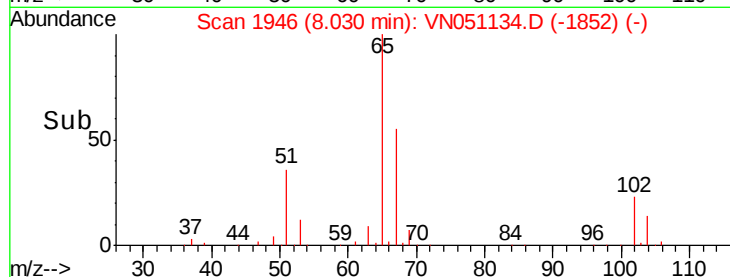
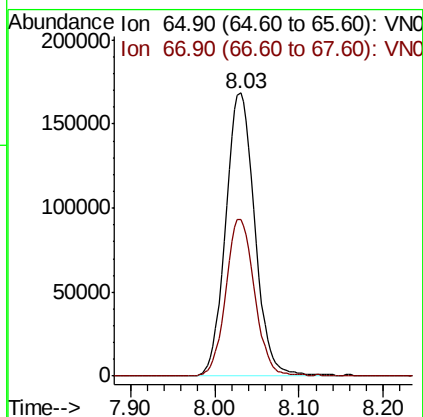
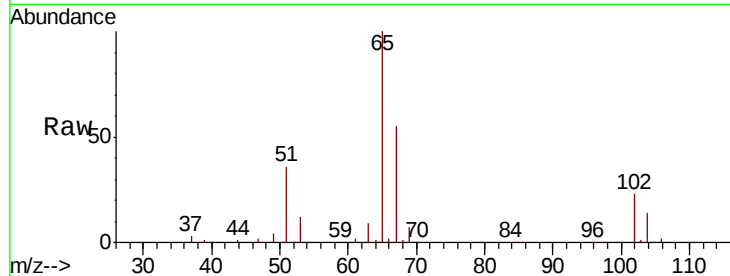




#33
 1,2-Dichloroethane-d4
 Concen: 53.02 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051134.D
 Acq: 11 Sep 2018 18:05

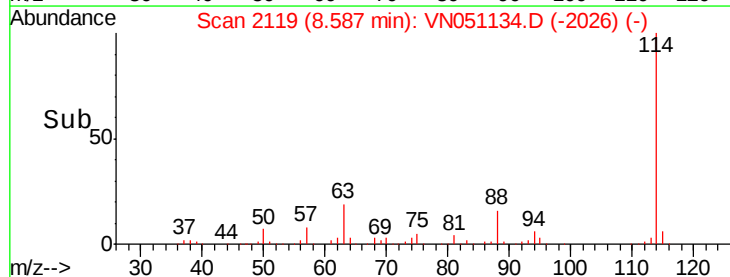
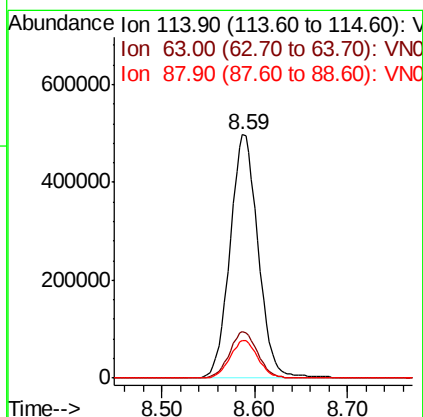
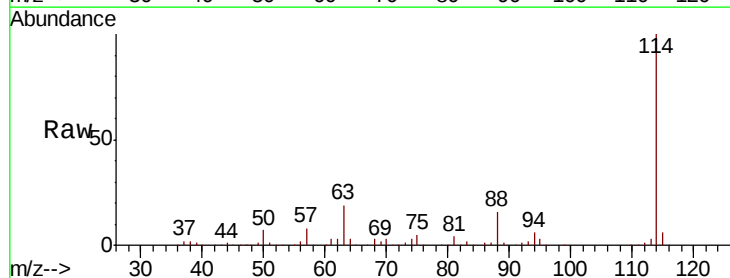
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-HDL

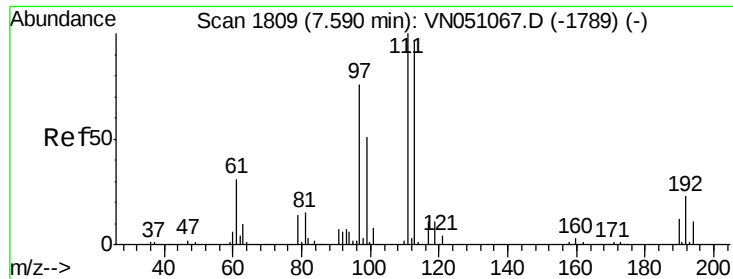
Tot Ion: 65 Resp: 404948
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051134.D
 Acq: 11 Sep 2018 18:05

Tgt Ion: 114 Resp: 1046188
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.8
 88 15.6 0.0 30.8

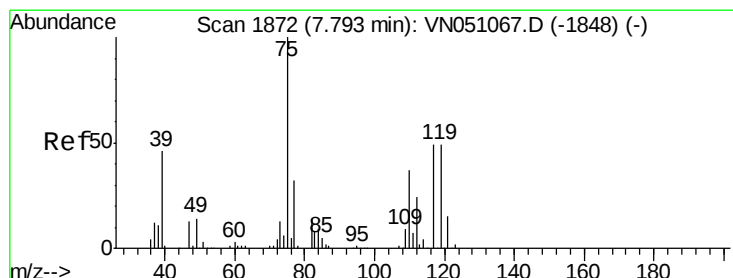
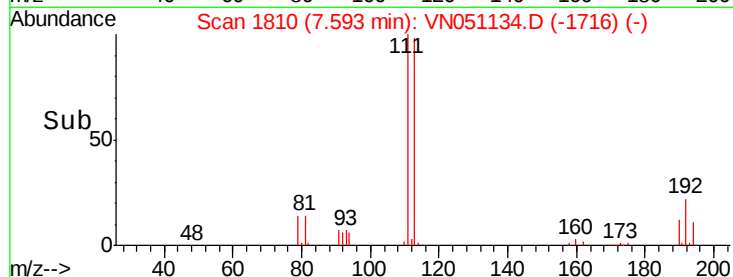
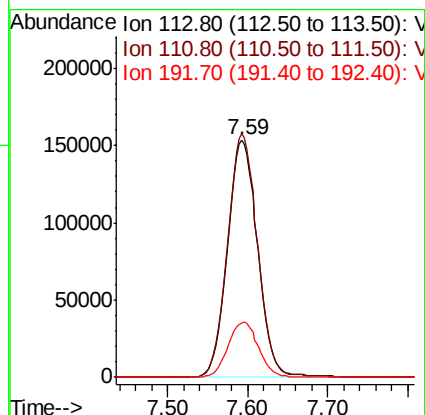
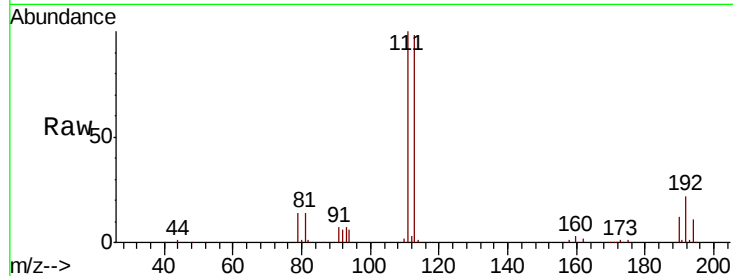




#35
 Dibromofluoromethane
 Concen: 50.07 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051134.D
 Acq: 11 Sep 2018 18:05

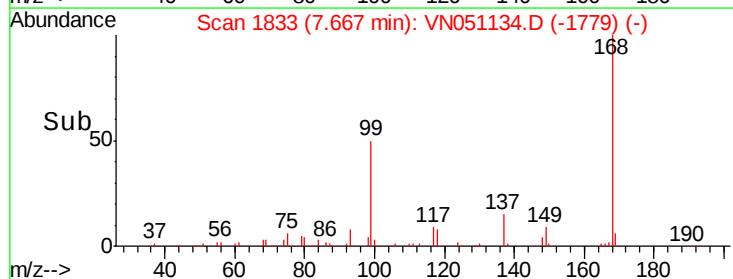
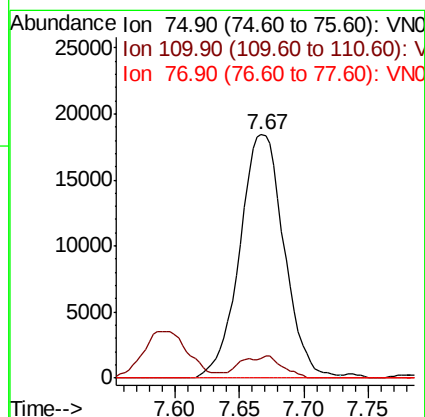
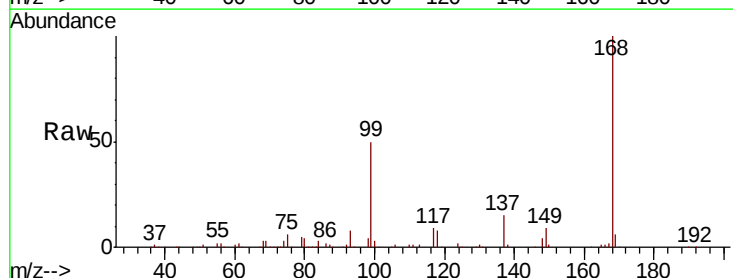
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-HDL

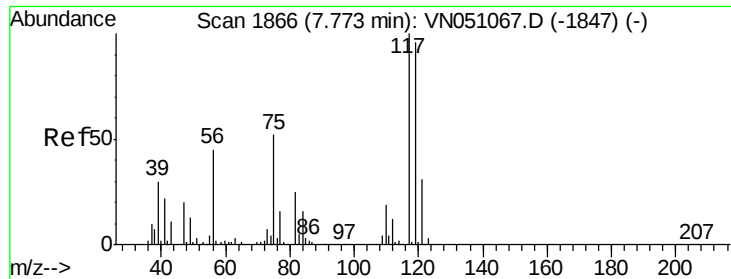
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.6
192	23.4	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 3.85 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051134.D
 Acq: 11 Sep 2018 18:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.6	55.8#
77	0.0	25.2	37.8#





#38

Carbon Tetrachloride

Concen: 5.40 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-HDL

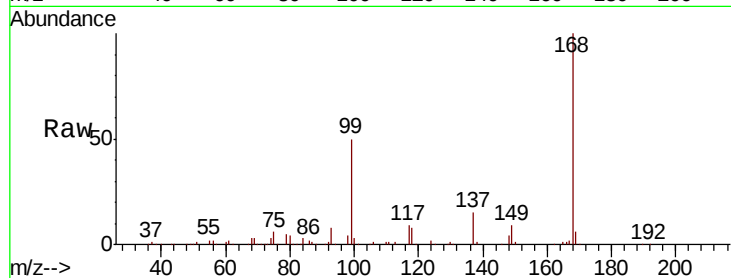
Tot Ion:117 Resp: 61082

Ion Ratio Lower Upper

117 100

119 5.1 76.8 115.2#

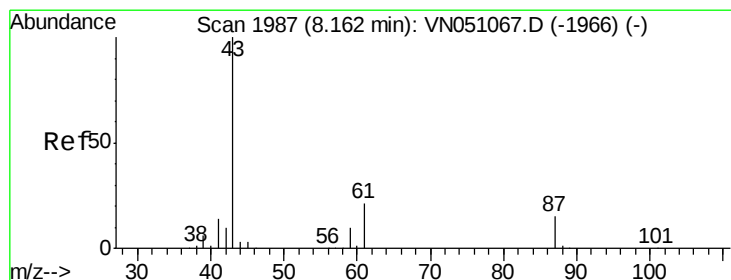
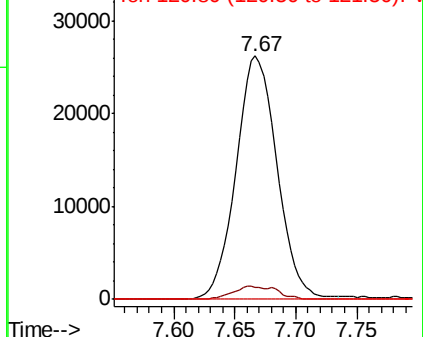
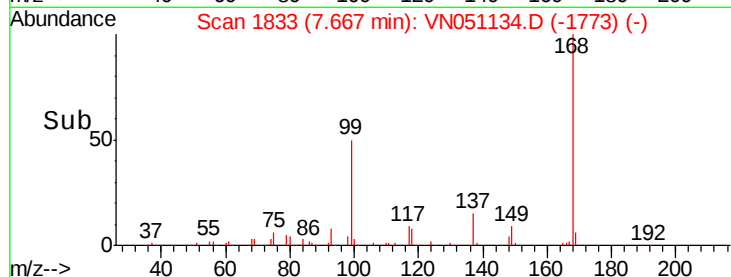
121 0.0 24.6 36.8#



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: 3.11 ug/l

RT: 8.28 min Scan# 2023

Delta R.T. 0.12 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

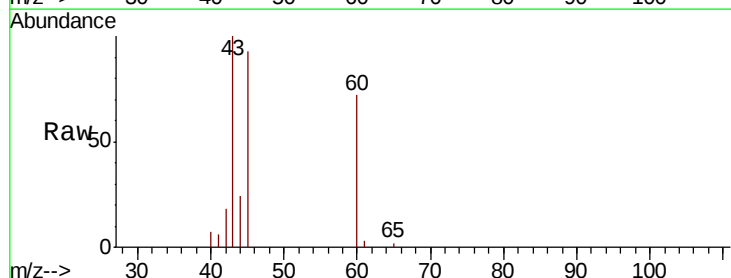
Tgt Ion: 43 Resp: 36490

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

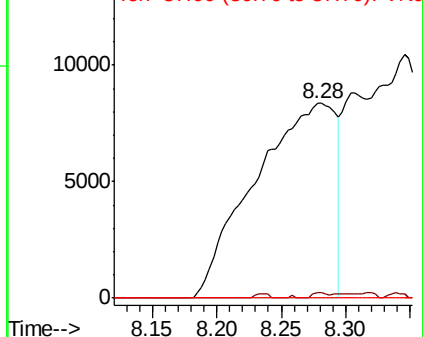
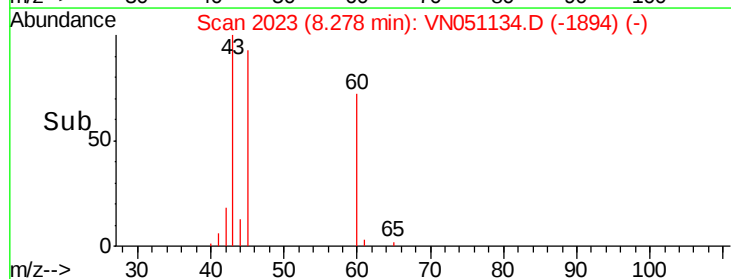
87 0.0 11.8 17.8#

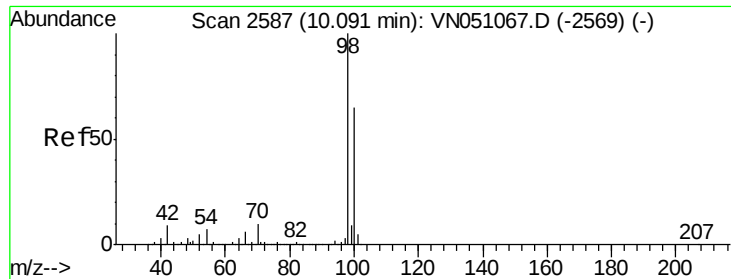


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.50 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

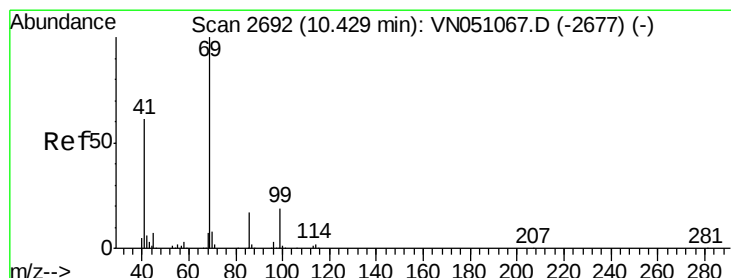
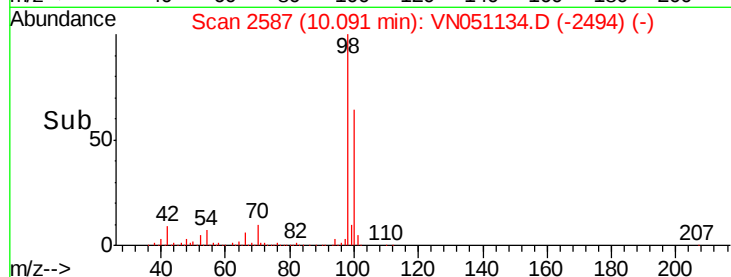
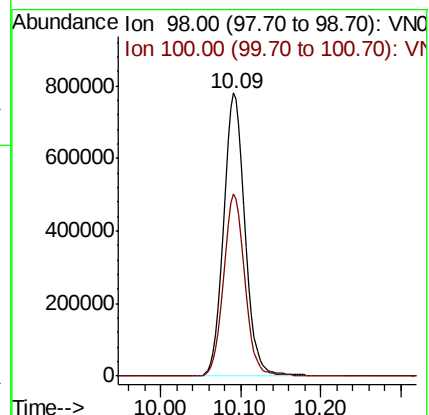
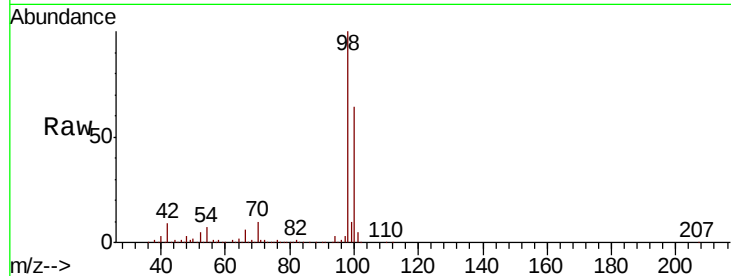
EP1-MW-HDL

Tot Ion: 98 Resp: 1446874

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#56

Ethyl methacrylate

Concen: 2.53 ug/l

RT: 10.44 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

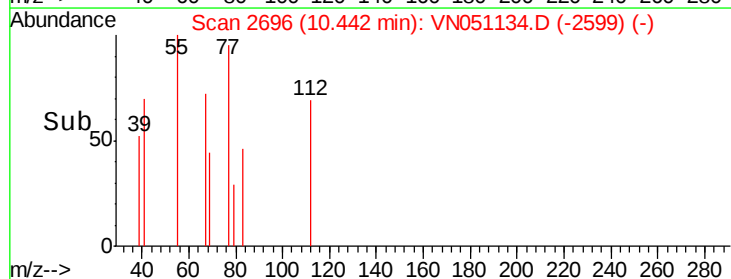
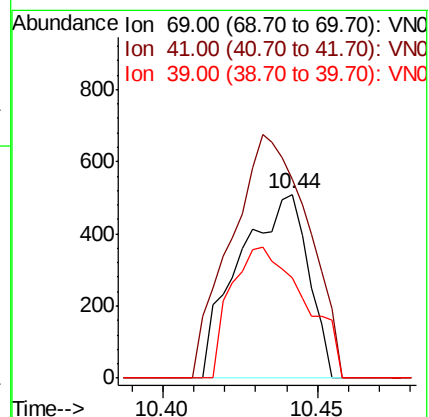
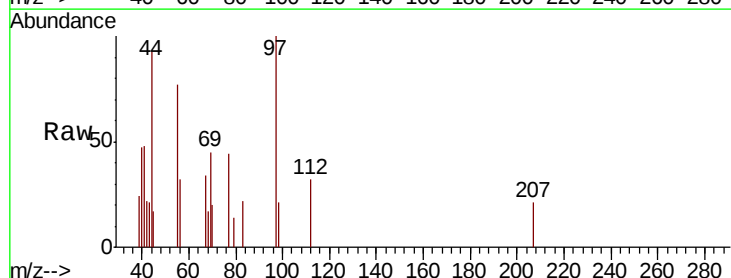
Tgt Ion: 69 Resp: 790

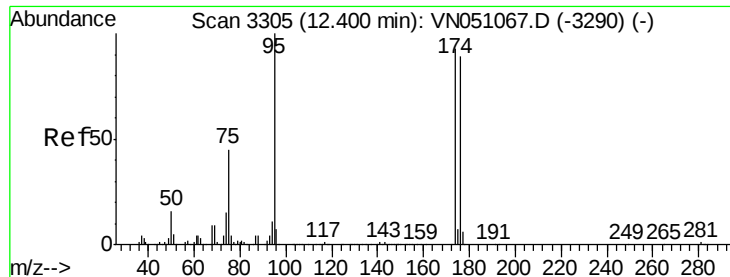
Ion Ratio Lower Upper

69 100

41 147.8 47.8 71.8#

39 76.2 23.0 34.4#





#62

4-Bromofluorobenzene

Concen: 41.17 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-HDL

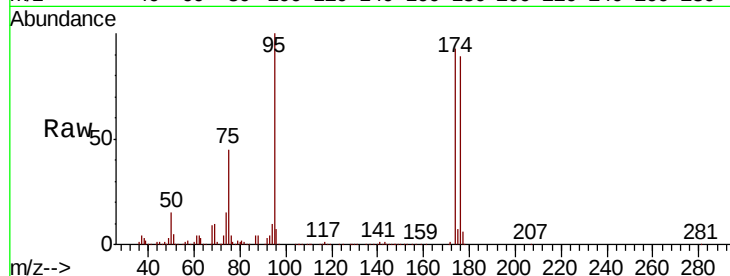
Tot Ion: 95 Resp: 406231

Ion Ratio Lower Upper

95 100

174 92.5 0.0 184.8

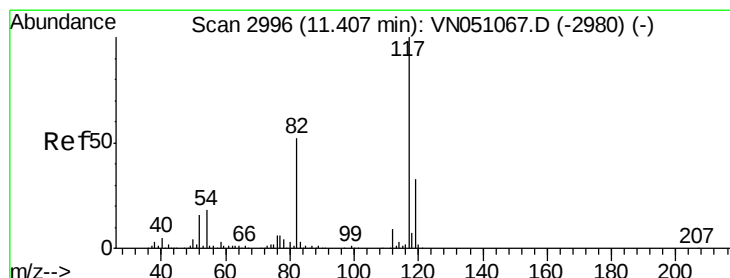
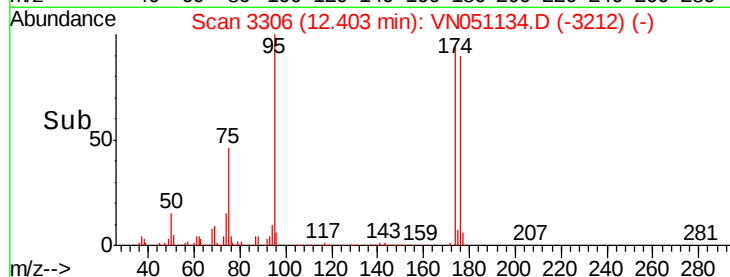
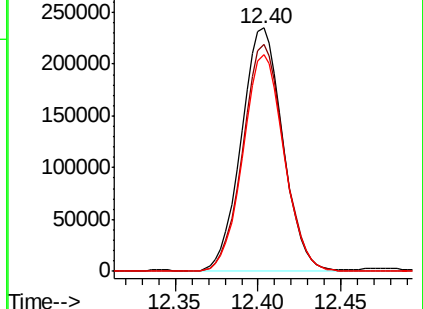
176 88.6 0.0 178.6



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: VN051134.D

Acq: 11 Sep 2018 18:05

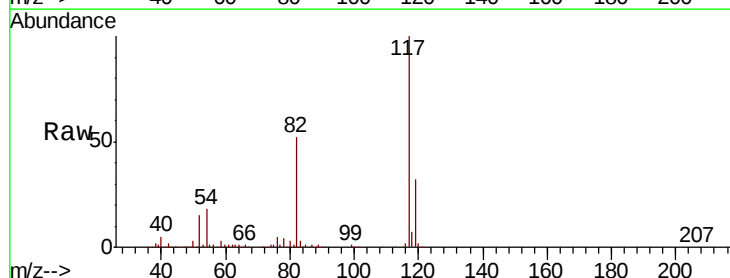
Tgt Ion: 117 Resp: 887098

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.6

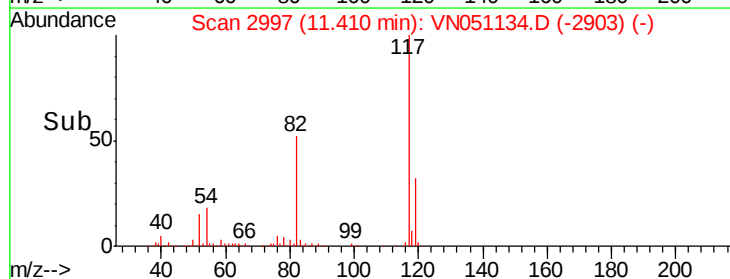
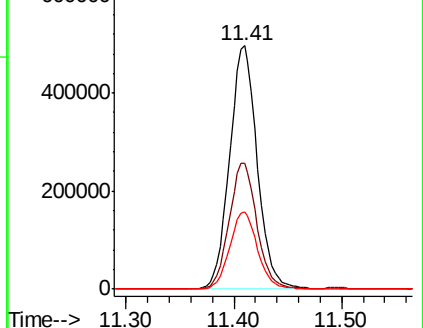
119 31.8 26.2 39.2

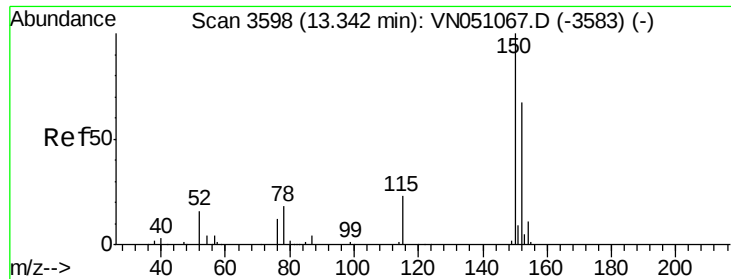


Abundance Ion 116.90 (116.60 to 117.60): VN051067.D (-2980) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-HDL

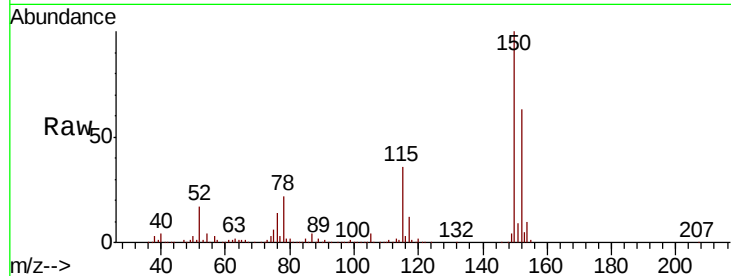
Tot Ion:152 Resp: 320027

Ion Ratio Lower Upper

152 100

115 64.9 28.2 84.7

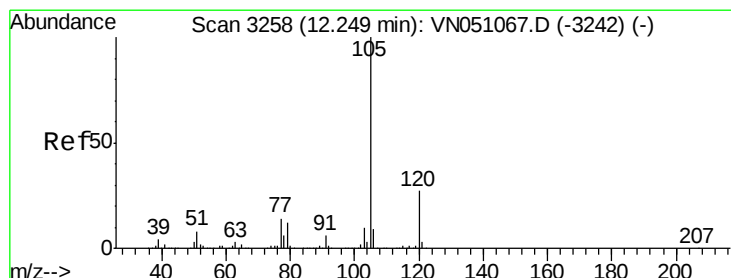
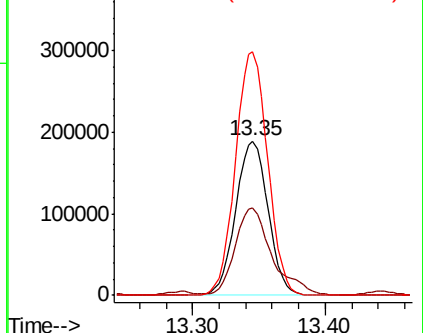
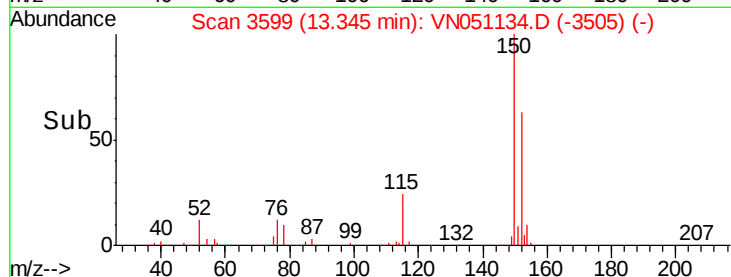
150 156.8 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 3.24 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051134.D

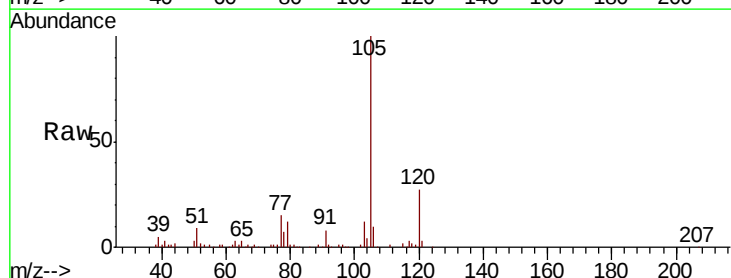
Acq: 11 Sep 2018 18:05

Tgt Ion:105 Resp: 87002

Ion Ratio Lower Upper

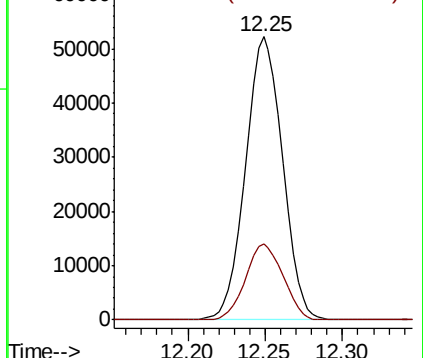
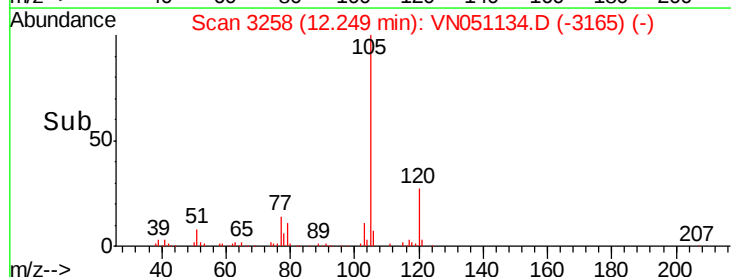
105 100

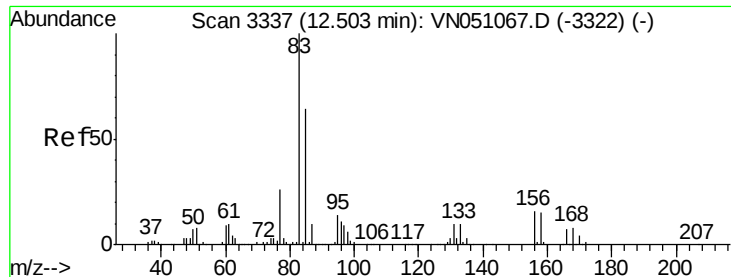
120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.03 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-HDL

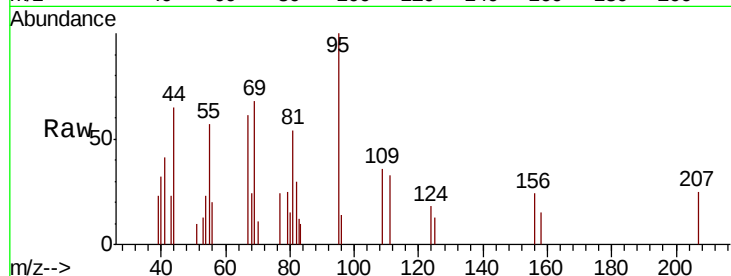
Tot Ion: 83 Resp: 206

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

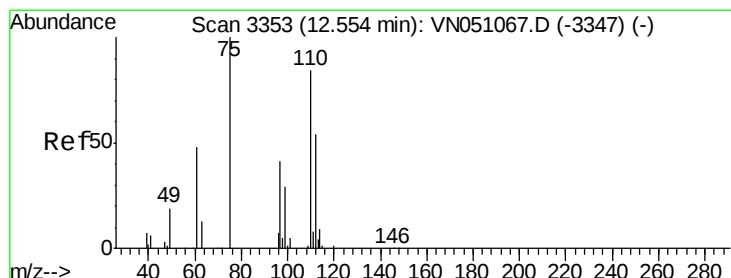
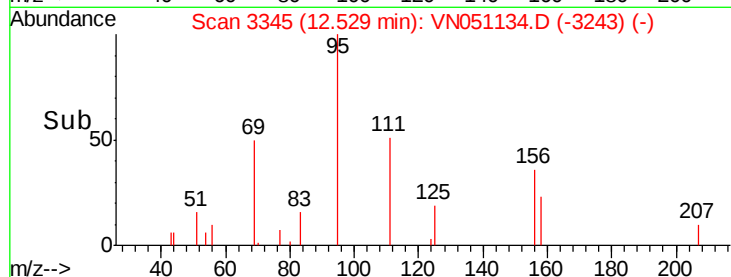
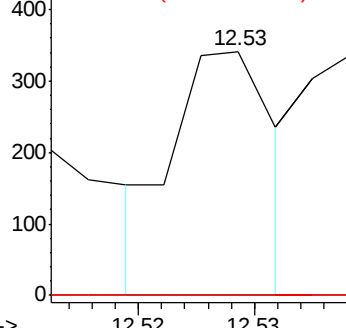
85 0.0 32.3 96.8#



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: 37.06 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051134.D

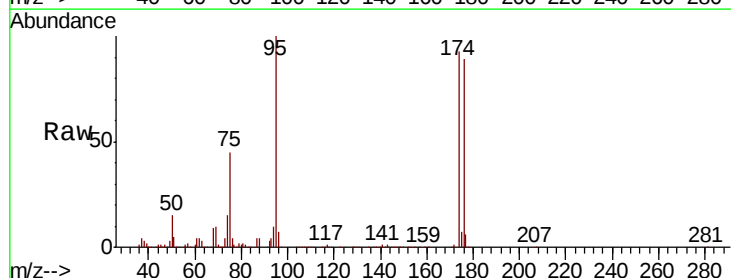
Acq: 11 Sep 2018 18:05

Tgt Ion: 75 Resp: 185784

Ion Ratio Lower Upper

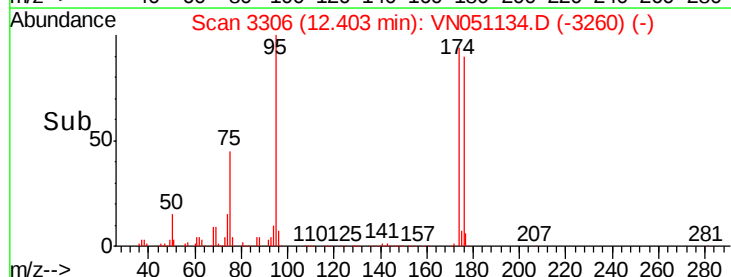
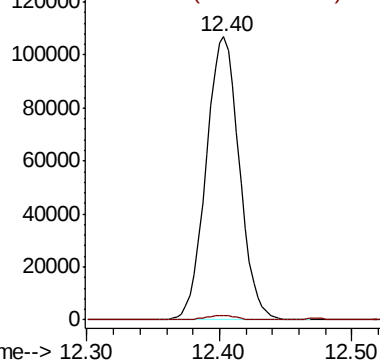
75 100

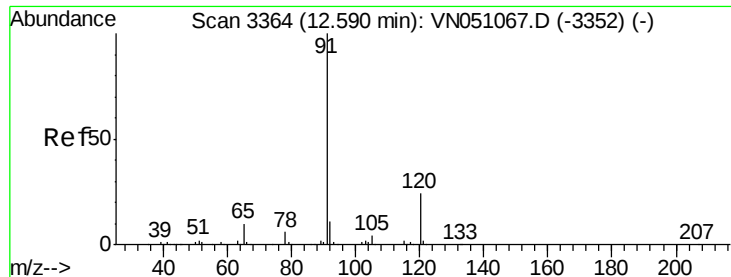
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

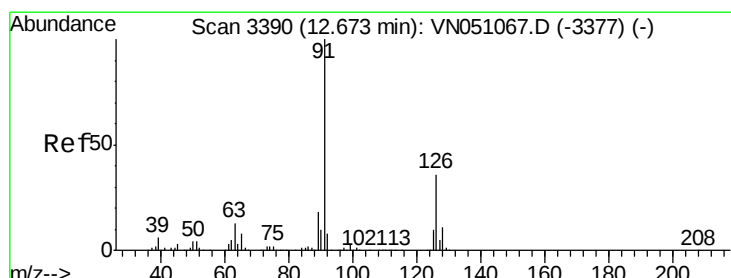
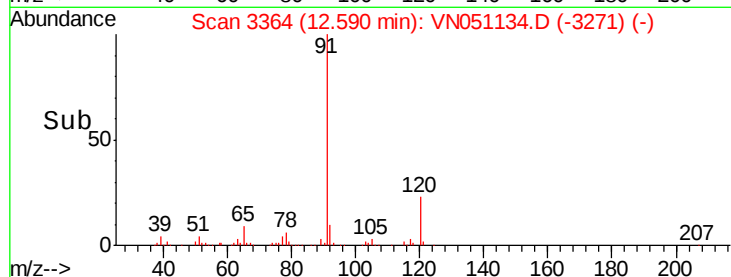
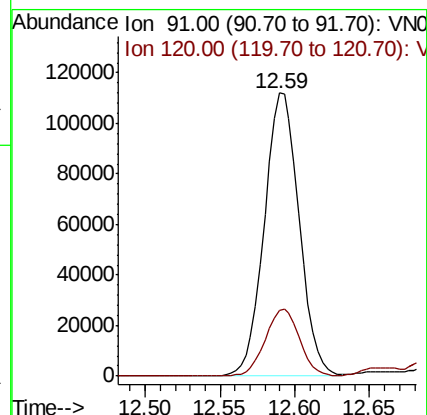
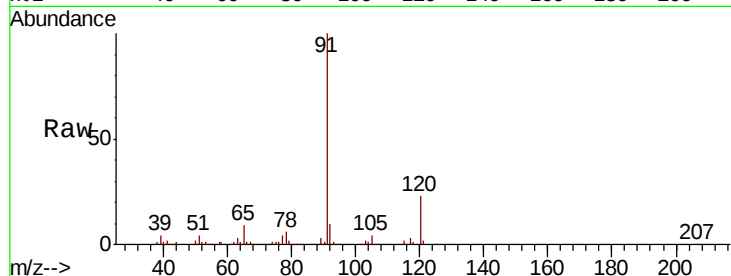




#78
n-propylbenzene
Concen: 6.17 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

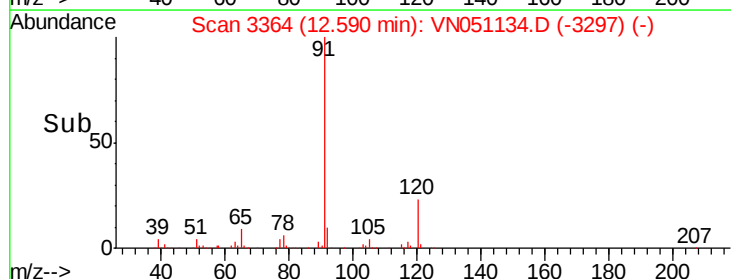
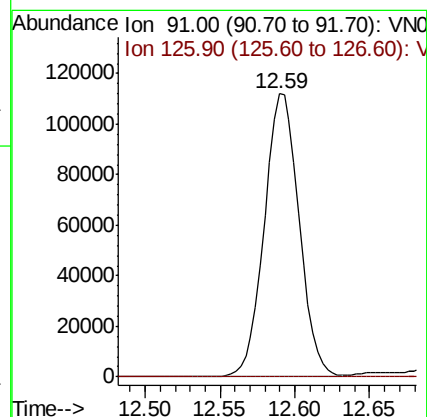
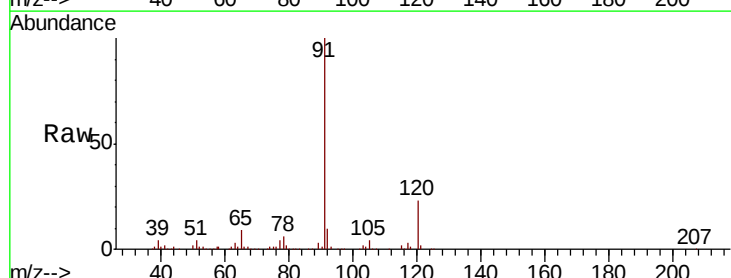
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-HDL

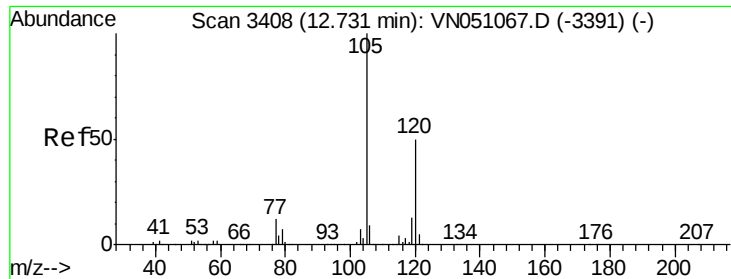
Tot Ion: 91 Resp: 181895
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.0



#79
2-Chlorotoluene
Concen: 9.87 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.08 min
Lab File: VN051134.D
Acq: 11 Sep 2018 18:05

Tgt Ion: 91 Resp: 181895
Ion Ratio Lower Upper
91 100
126 0.0 17.9 53.7#





#80

1,3,5-Trimethylbenzene

Concen: 2.34 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

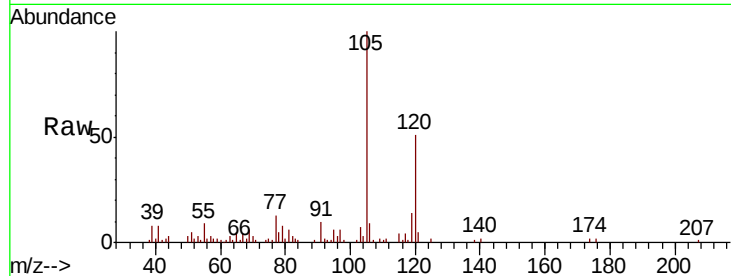
EP1-MW-HDL

Tot Ion:105 Resp: 50814

Ion Ratio Lower Upper

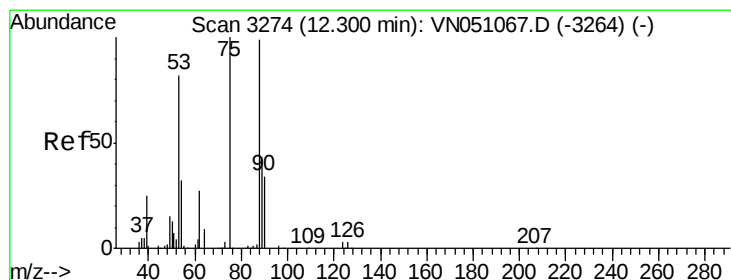
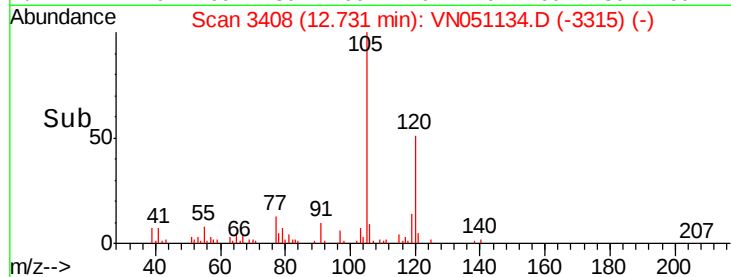
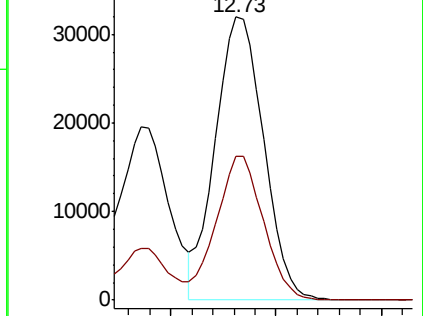
105 100

120 50.1 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: 110.25 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

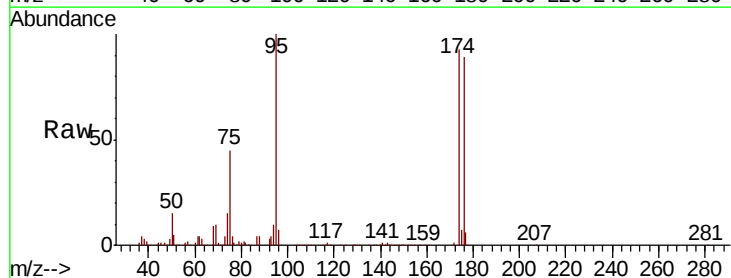
Tgt Ion: 75 Resp: 185784

Ion Ratio Lower Upper

75 100

53 0.2 67.8 101.8#

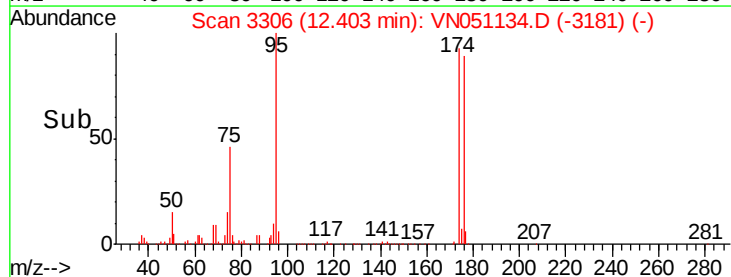
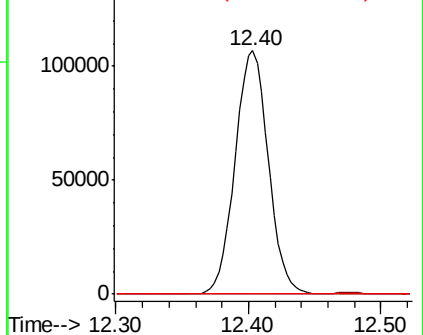
89 0.0 36.0 54.0#

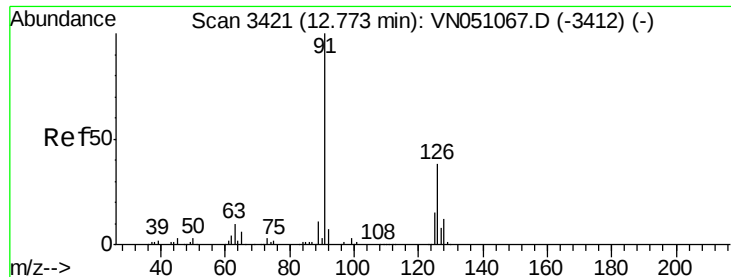


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 9.94 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

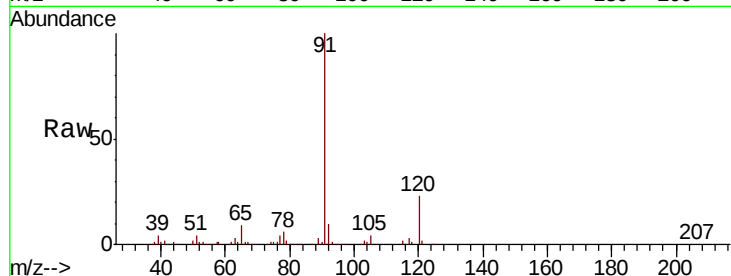
EP1-MW-HDL

Tot Ion: 91 Resp: 181895

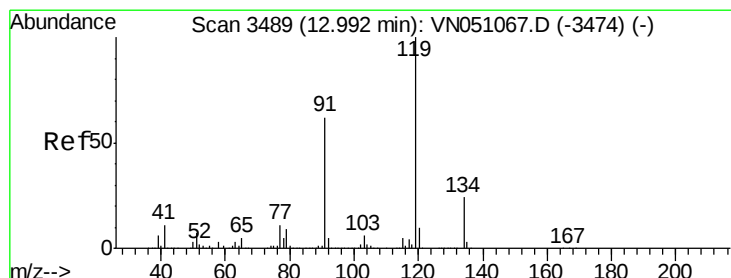
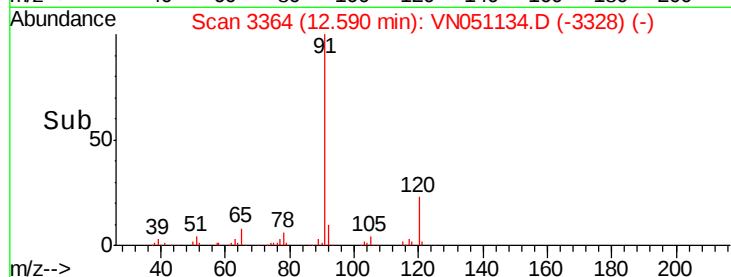
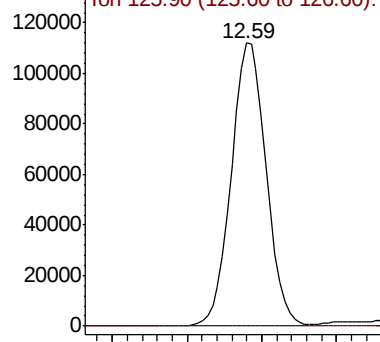
Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN051134.D (-3364) (-)



#83

tert-Butylbenzene

Concen: 2.86 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

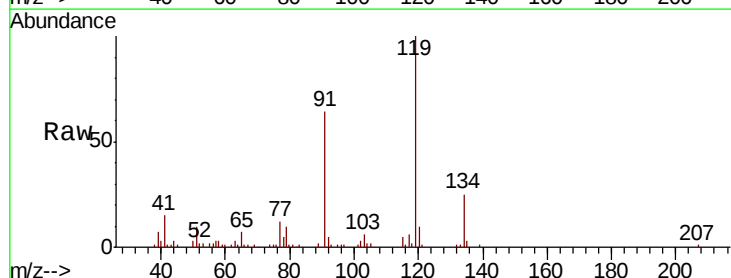
Tgt Ion: 119 Resp: 54868

Ion Ratio Lower Upper

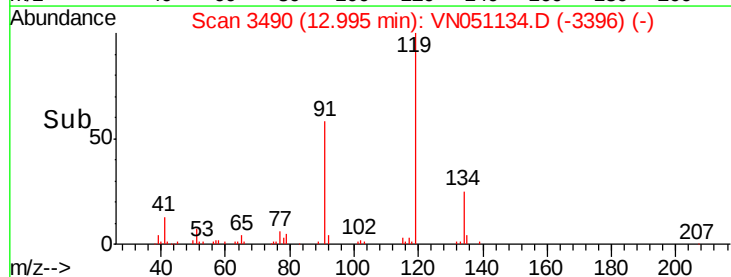
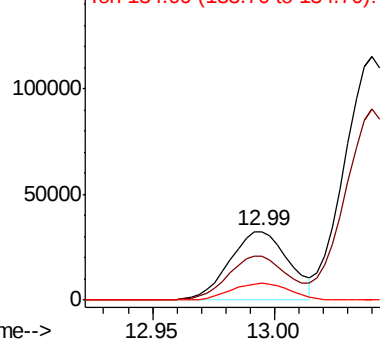
119 100

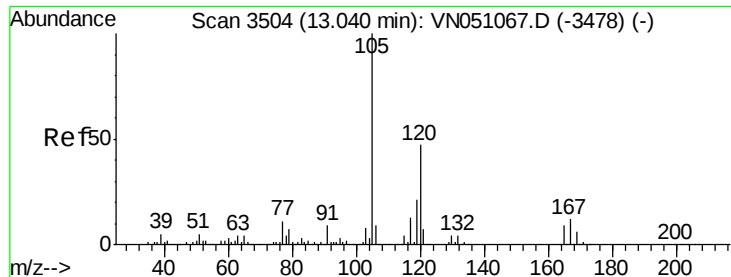
91 63.0 30.8 92.3

134 24.2 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): VN051134.D (-3489) (-)

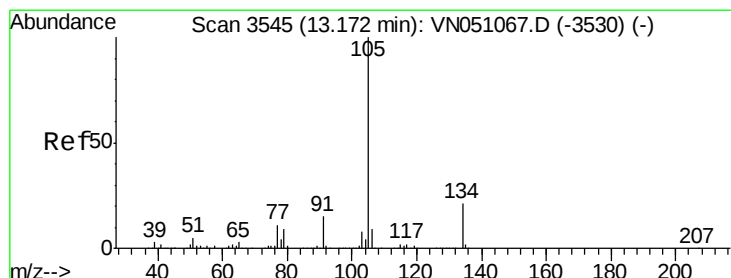
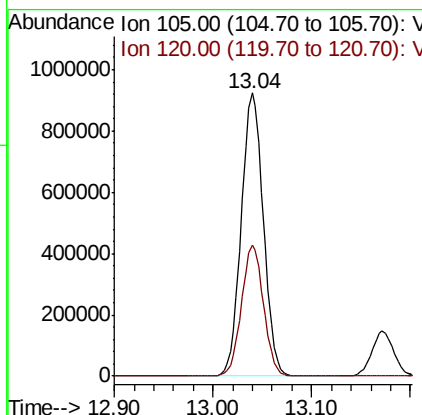
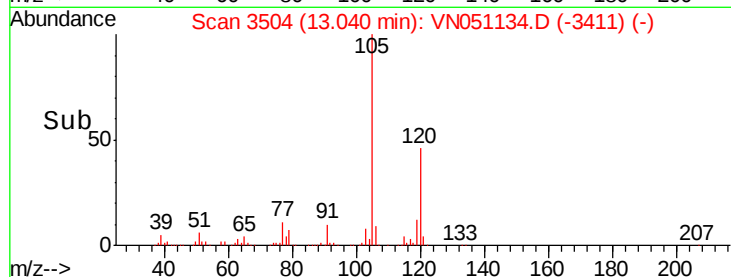
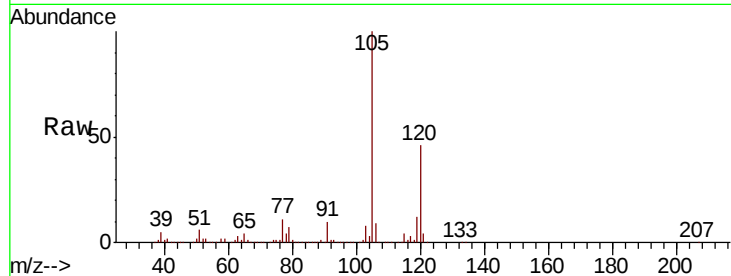




#84
 1,2,4-Trimethylbenzene
 Concen: 66.83 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051134.D
 Acq: 11 Sep 2018 18:05

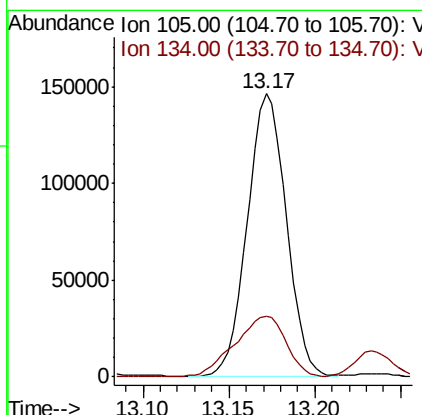
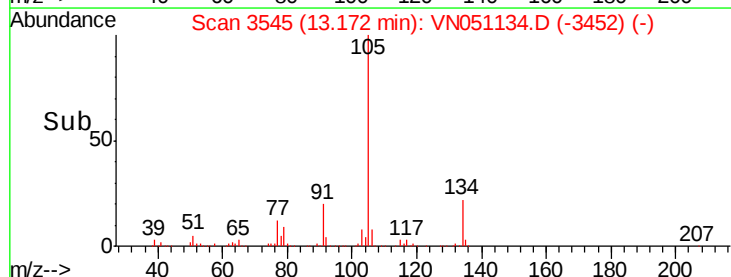
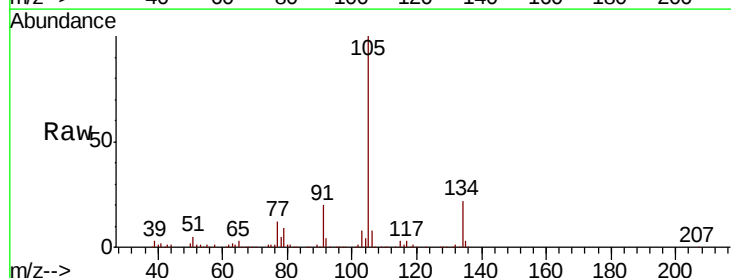
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-HDL

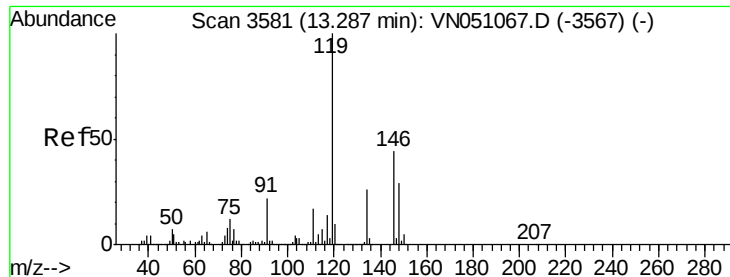
Tot Ion:105 Resp: 1425812
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8



#85
 sec-Butylbenzene
 Concen: 9.32 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051134.D
 Acq: 11 Sep 2018 18:05

Tgt Ion:105 Resp: 229081
 Ion Ratio Lower Upper
 105 100
 134 28.3 10.4 31.4





#86

p-Isopropyltoluene

Concen: 4.30 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-HDL

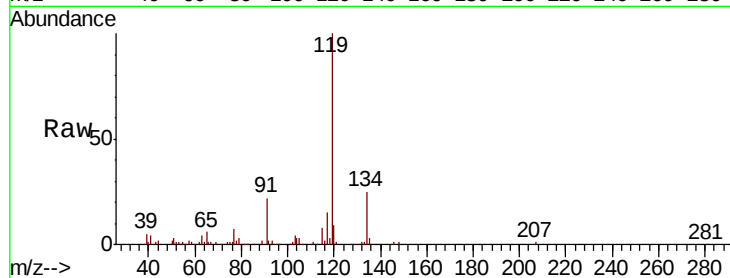
Tot Ion:119 Resp: 89525

Ion Ratio Lower Upper

119 100

134 25.7 13.5 40.4

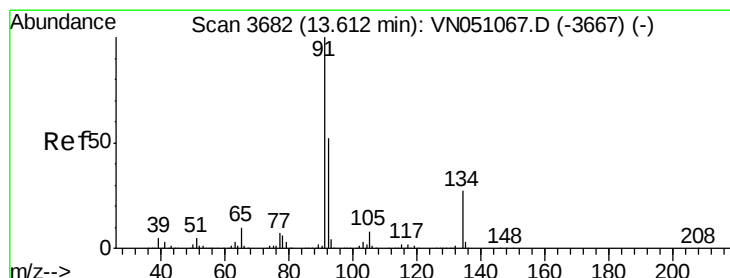
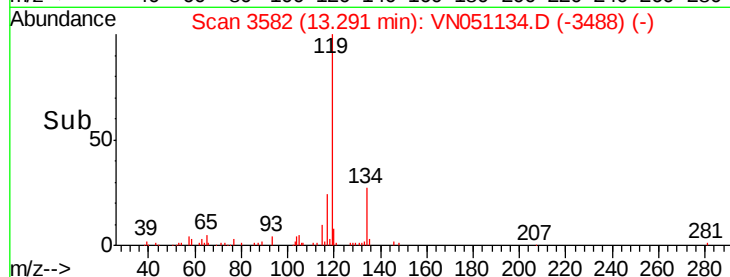
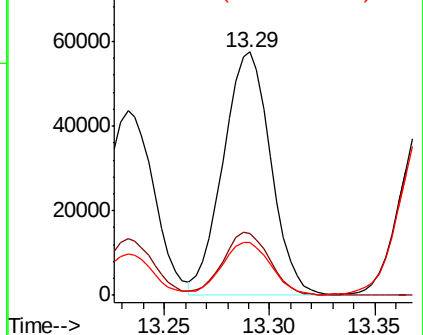
91 22.2 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 3.33 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

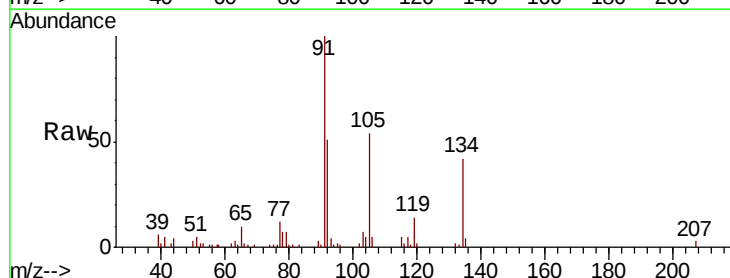
Tgt Ion: 91 Resp: 54043

Ion Ratio Lower Upper

91 100

92 43.0 26.2 78.6

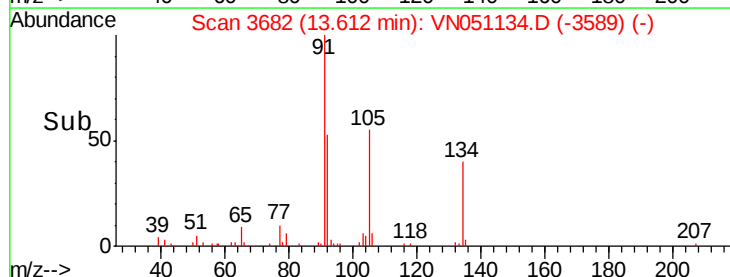
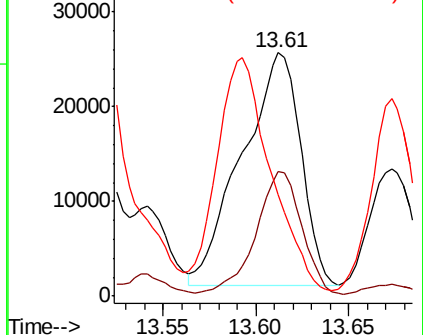
134 96.7 13.7 41.1#

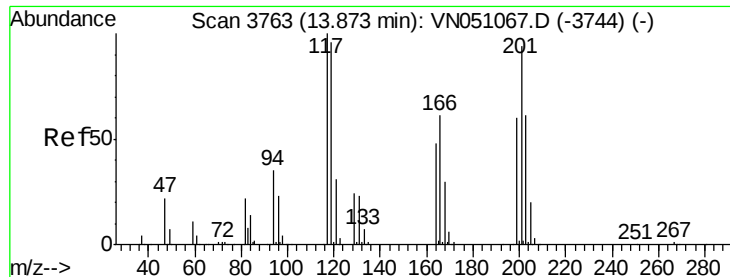


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 2.68 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

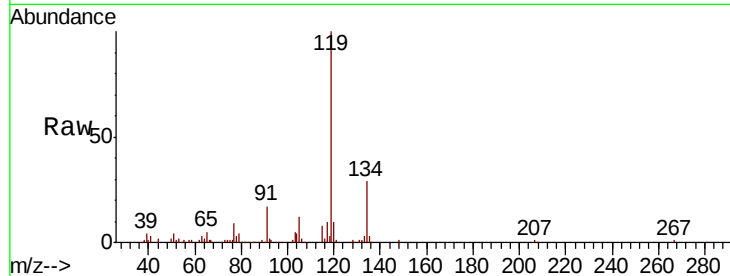
EP1-MW-HDL

Tot Ion:117 Resp: 12382

Ion Ratio Lower Upper

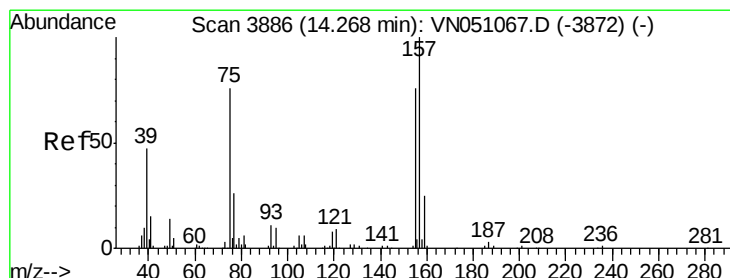
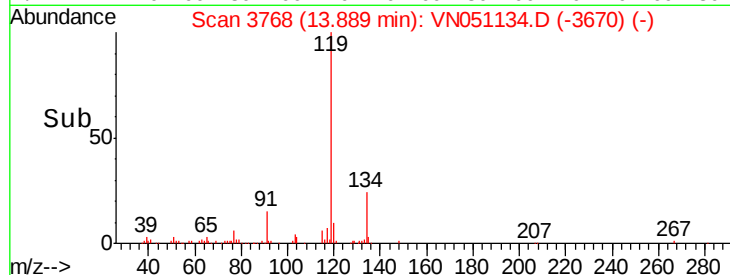
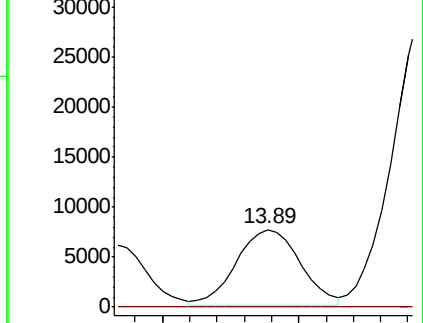
117 100

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: 0.73 ug/l

RT: 14.28 min Scan# 3891

Delta R.T. 0.02 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

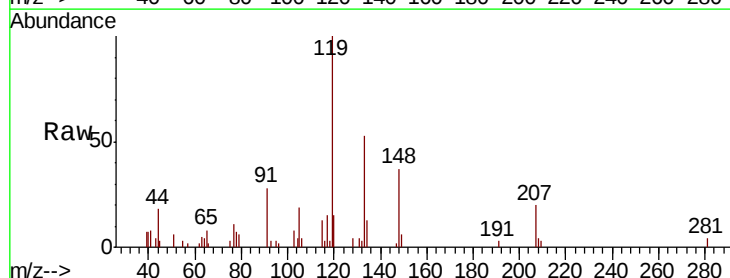
Tgt Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

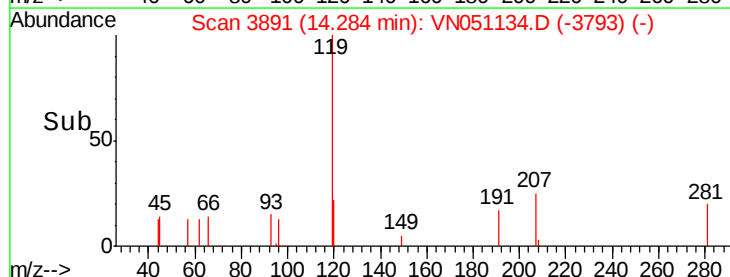
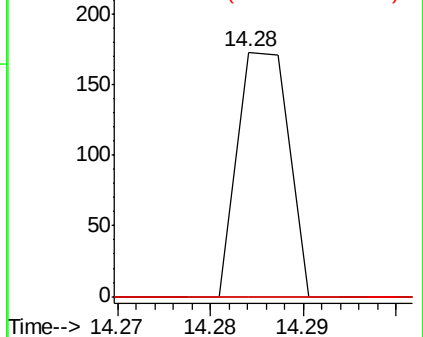
157 0.0 63.6 190.9#

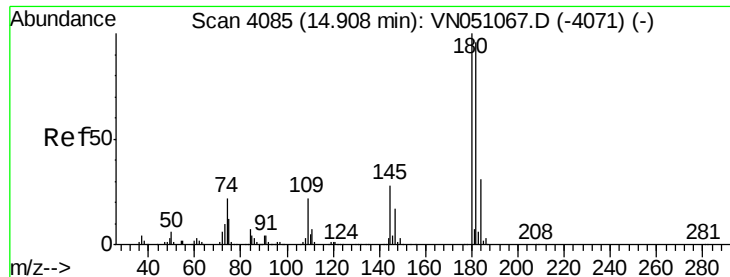


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

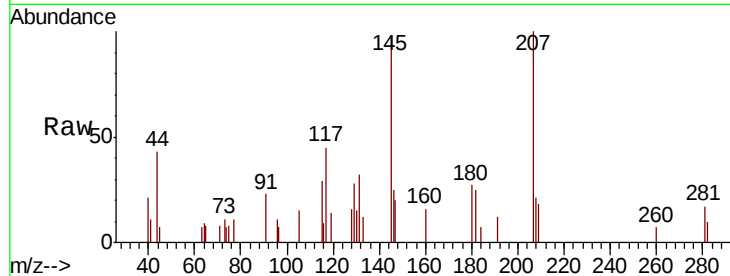




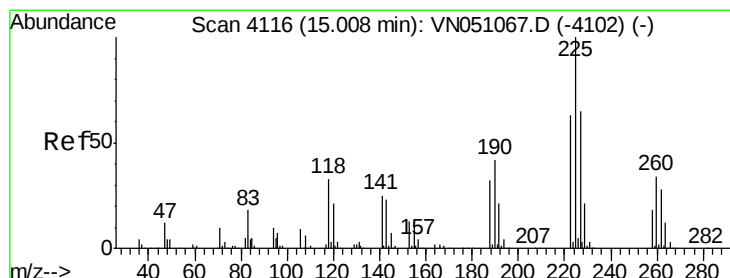
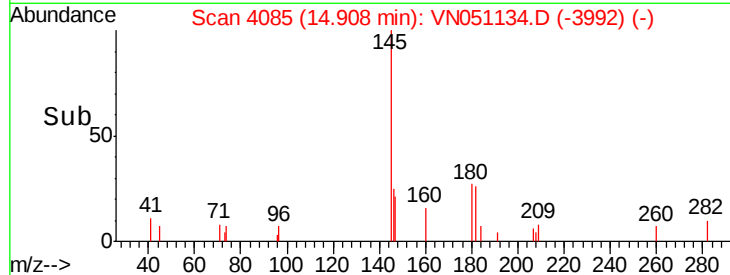
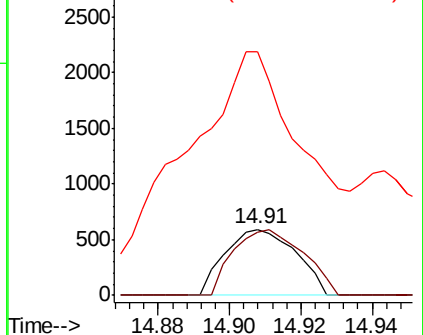
#93
 1,2,4-Trichlorobenzene
 Concen: 4.11 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051134.D
 Acq: 11 Sep 2018 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-HDL

Tot Ion:180 Resp: 812
 Ion Ratio Lower Upper
 180 100
 182 98.4 47.3 141.8
 145 547.2 14.2 42.6#

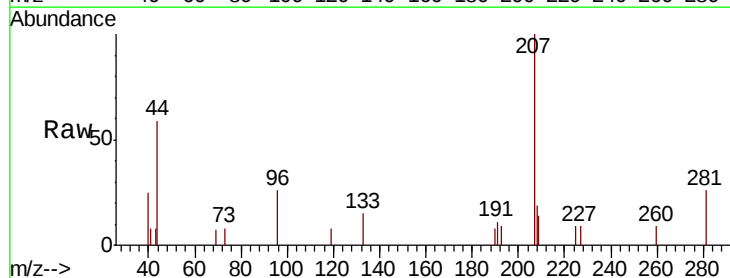


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

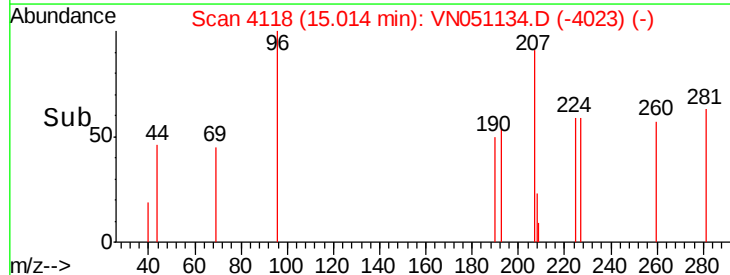
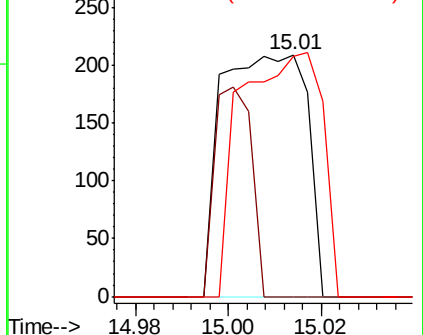


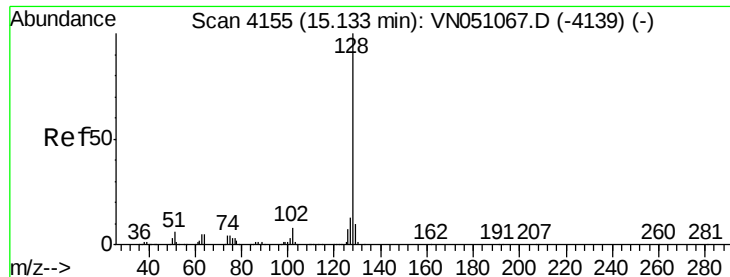
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.01 min
 Lab File: VN051134.D
 Acq: 11 Sep 2018 18:05

Tgt Ion:225 Resp: 267
 Ion Ratio Lower Upper
 225 100
 223 37.1 31.4 94.0
 227 95.9 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.85 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-HDL

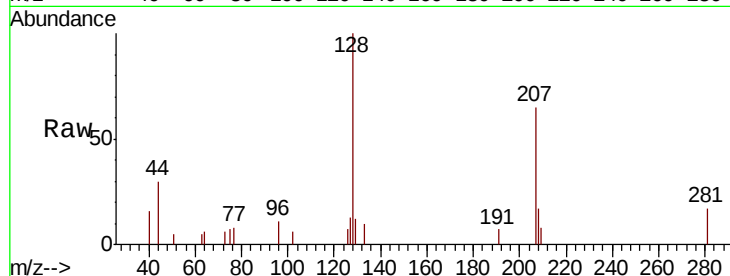
Tot Ion:128 Resp: 6799

Ion Ratio Lower Upper

128 100

127 10.9 10.6 15.8

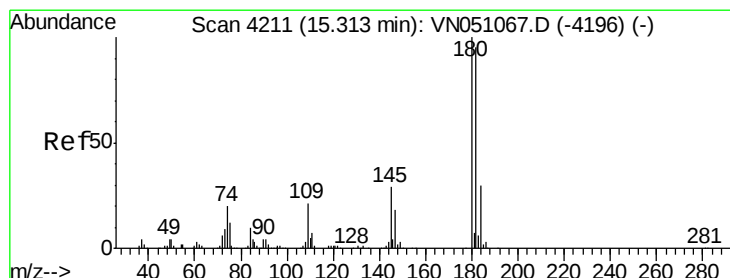
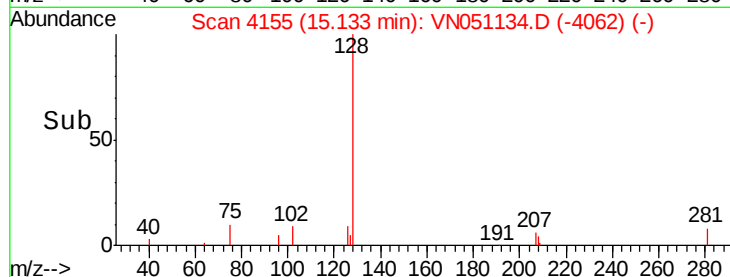
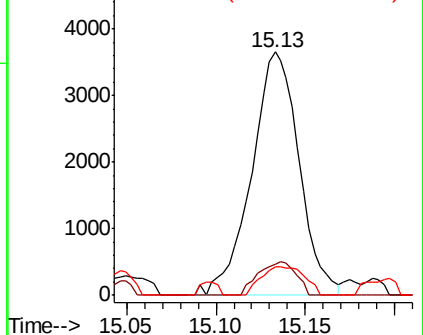
129 10.7 8.6 12.8



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: 3.15 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051134.D

Acq: 11 Sep 2018 18:05

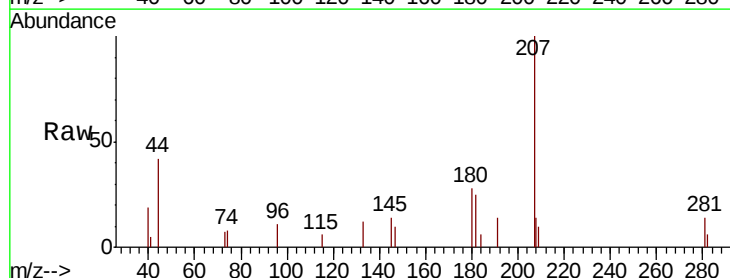
Tgt Ion:180 Resp: 1188

Ion Ratio Lower Upper

180 100

182 92.3 47.8 143.3

145 105.2 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

