

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051121.D
 Acq On : 11 Sep 2018 12:44
 Operator : MD\SY
 Sample : J4849-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-E

Quant Time: Sep 12 01:03:18 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	666045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1011137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	890528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	389355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	377767	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
35) Dibromofluoromethane	7.59	113	373566	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	10.09	98	1399209	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.40	95	453925	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	13682	1.12	ug/l	99
5) Bromomethane	2.57	94	2646	Below	Cal	90
10) Methyl Iodide	3.96	142	1116	5.77	ug/l #	60
16) Acetone	3.82	43	12848	1.20	ug/l	96
17) Carbon Disulfide	4.05	76	13583	0.76	ug/l	98
18) Methyl Acetate	4.33	43	1283	0.22	ug/l	94
20) Methylene Chloride	4.55	84	1768	0.22	ug/l #	81
25) 2-Butanone	6.85	43	11769	4.04	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	3529	0.42	ug/l	78
31) Cyclohexane	7.67	56	11354	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	43256	3.90	ug/l #	48
37) Ethyl Acetate	6.85	43	11769	1.83	ug/l #	58
38) Carbon Tetrachloride	7.67	117	57446	5.26	ug/l #	16
43) Isopropyl Acetate	8.31	43	73641	6.49	ug/l #	50
44) Trichloroethene	8.84	130	3981	0.44	ug/l	89
55) 1,1,2-Trichloroethane	10.53	97	16567	2.24	ug/l #	19
56) Ethyl methacrylate	10.43	69	9769	3.39	ug/l #	36
59) 2-Hexanone	10.72	43	6353	1.49	ug/l #	21
60) Dibromochloromethane	10.63	129	4377	0.52	ug/l #	11
64) Tetrachloroethene	10.63	164	5231	0.64	ug/l	94
67) Ethyl Benzene	11.51	91	171440	4.72	ug/l	99
68) m/p-Xylenes	11.63	106	6304	0.45	ug/l	95
69) o-Xylene	11.95	106	100459	7.43	ug/l	94
70) Styrene	11.94	104	5595	0.27	ug/l #	1
73) Isopropylbenzene	12.25	105	1972363	60.40	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.47	83	7690	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.59	75	27302	3.13	ug/l #	100
78) n-propylbenzene	12.59	91	4987628	138.97	ug/l	99
79) 2-Chlorotoluene	12.59	91	4987628	222.34	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	1246488	47.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.25	75	20401	9.95	ug/l #	53
82) 4-Chlorotoluene	12.59	91	4987628	223.98	ug/l #	40
83) tert-Butylbenzene	12.99	119	342372	14.69	ug/l	96
84) 1,2,4-Trimethylbenzene	13.17	105	1636257	63.04	ug/l #	30

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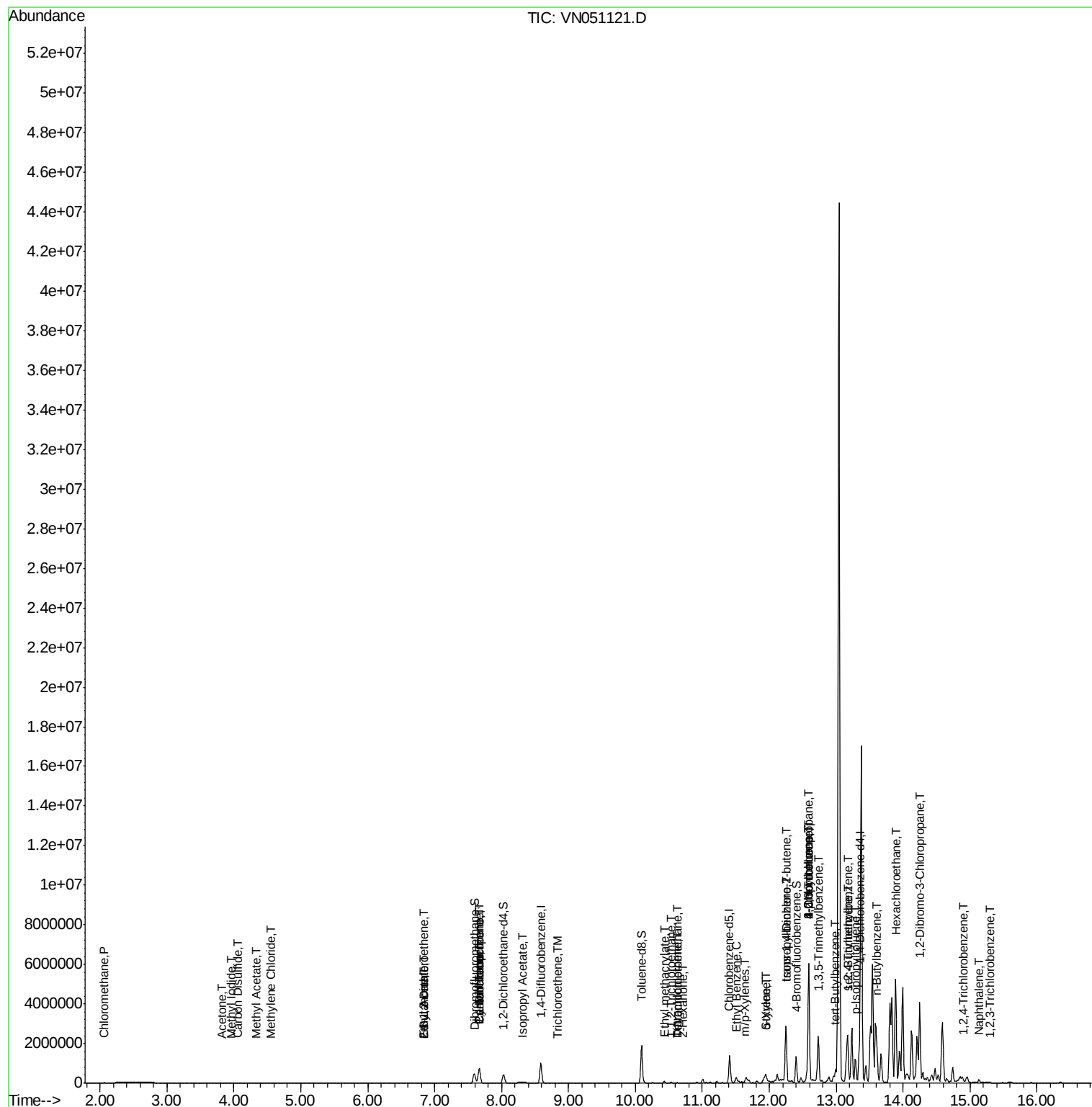
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.17	105	1636257	54.74	ug/l	81
86) p-Isopropyltoluene	13.29	119	696478	27.48	ug/l	100
89) n-Butylbenzene	13.61	91	977019	49.53	ug/l #	74
90) Hexachloroethane	13.89	117	253045	54.90	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12941	12.11	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	709	4.08	ug/l #	1
95) Naphthalene	15.13	128	149114	14.44	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	426	3.01	ug/l #	1

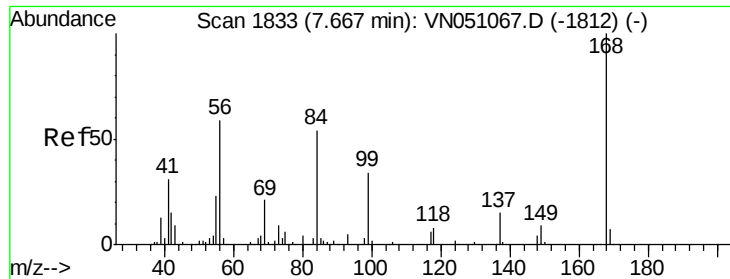
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

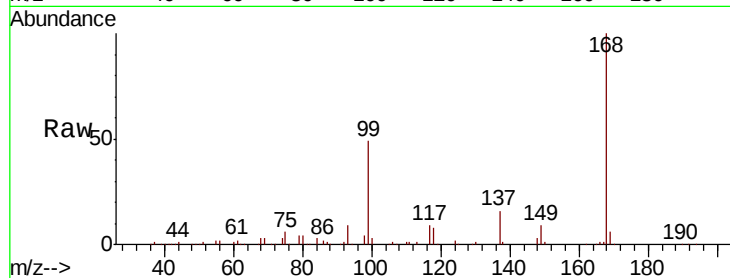
EP1-MW-E

Tot Ion:168 Resp: 666045

Ion Ratio Lower Upper

168 100

99 48.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

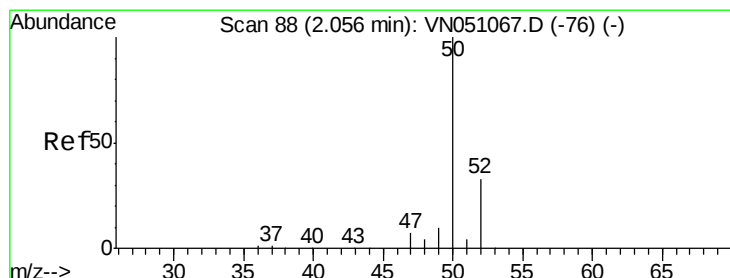
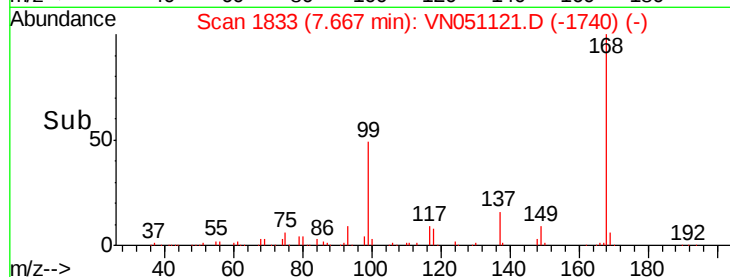
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.12 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051121.D

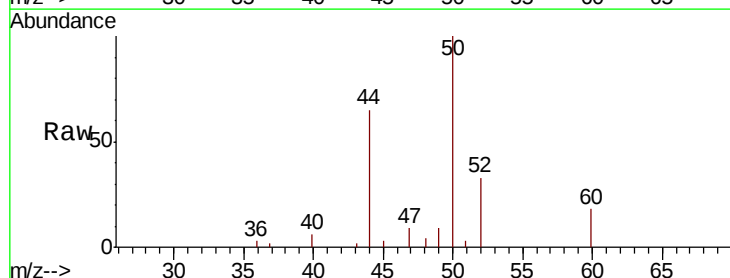
Acq: 11 Sep 2018 12:44

Tgt Ion: 50 Resp: 13682

Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

12000

10000

8000

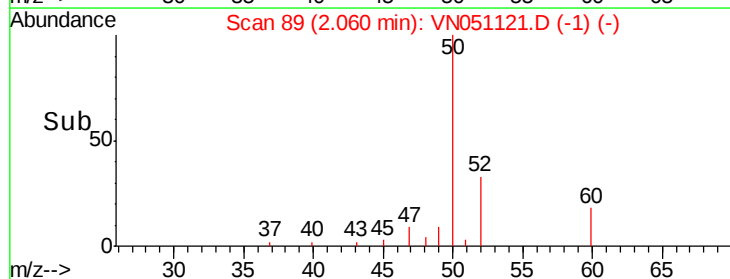
6000

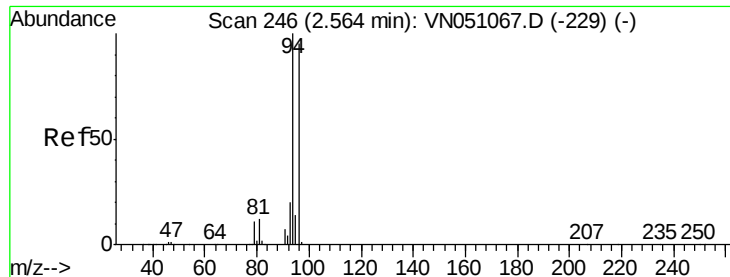
4000

2000

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

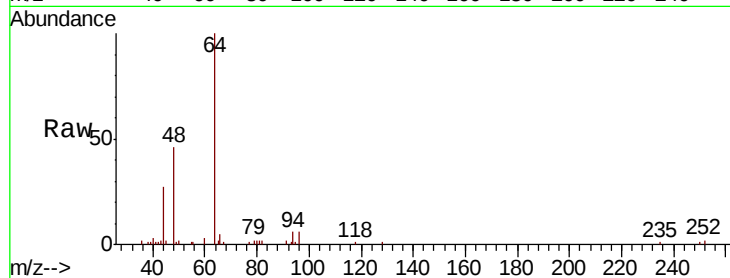
EP1-MW-E

Tot Ion: 94 Resp: 2646

Ion Ratio Lower Upper

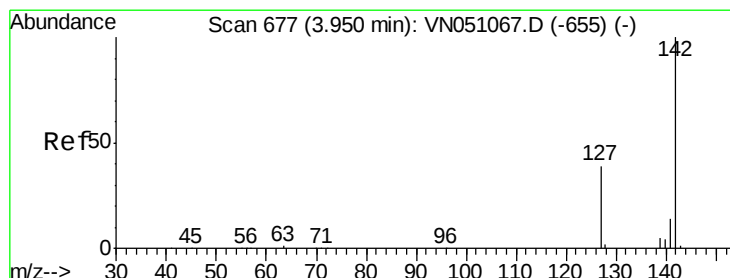
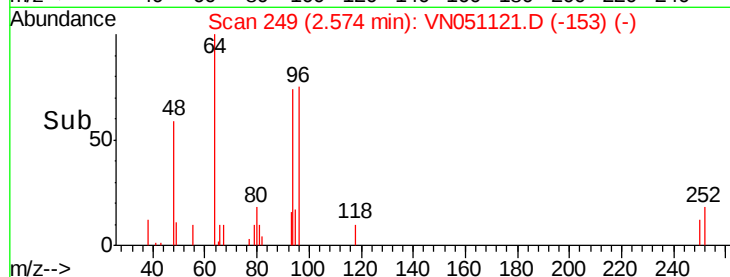
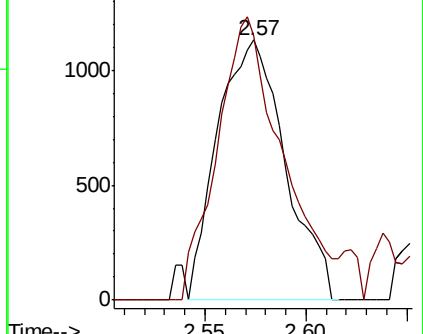
94 100

96 85.6 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) (-)



#10

Methyl Iodide

Concen: 5.77 ug/l

RT: 3.96 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

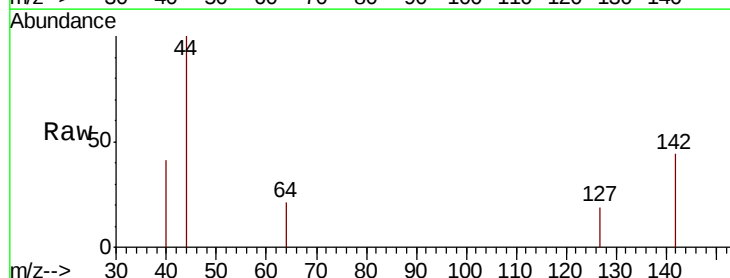
Tgt Ion: 142 Resp: 1116

Ion Ratio Lower Upper

142 100

127 13.4 31.0 46.4#

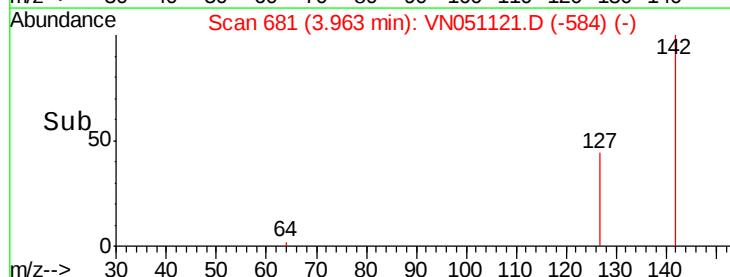
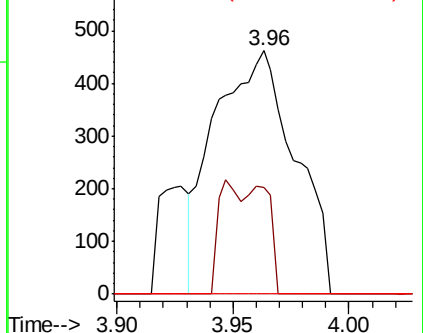
141 0.0 11.3 16.9#

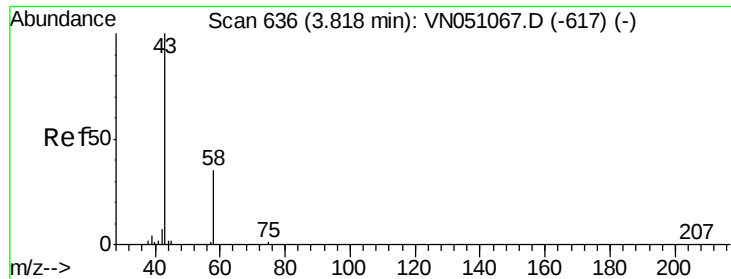


Abundance Ion 141.80 (141.50 to 142.50): VN051067.D (-655) (-)

Ion 126.80 (126.50 to 127.50): VN051067.D (-655) (-)

Ion 140.80 (140.50 to 141.50): VN051067.D (-655) (-)





#16

Acetone

Concen: 1.20 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

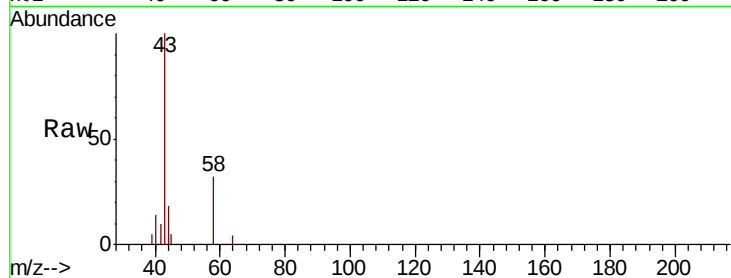
EP1-MW-E

Tot Ion: 43 Resp: 12848

Ion Ratio Lower Upper

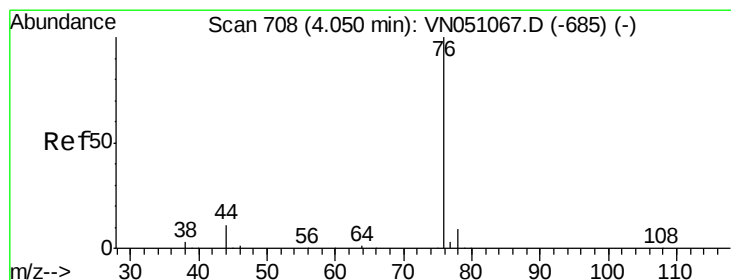
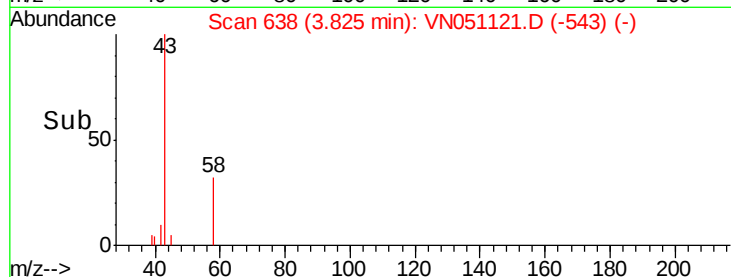
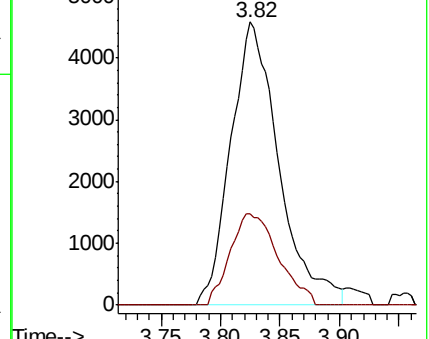
43 100

58 32.1 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) (-)



#17

Carbon Disulfide

Concen: 0.76 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051121.D

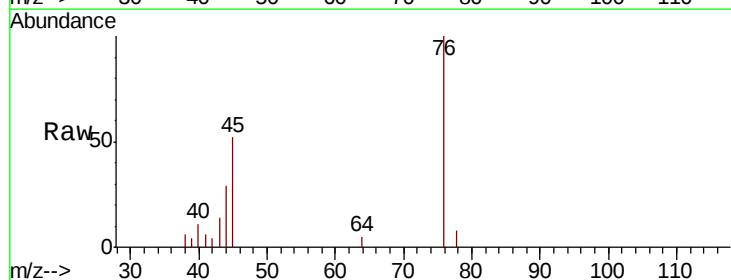
Acq: 11 Sep 2018 12:44

Tgt Ion: 76 Resp: 13583

Ion Ratio Lower Upper

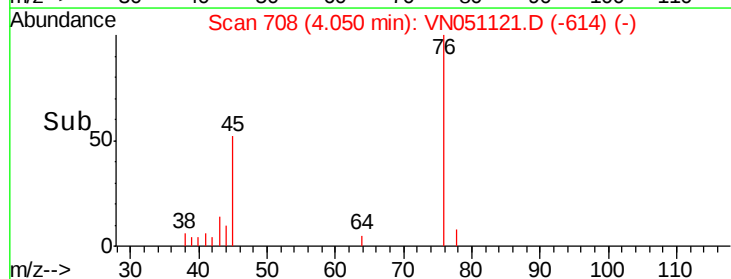
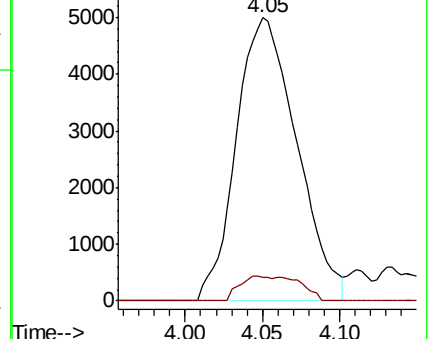
76 100

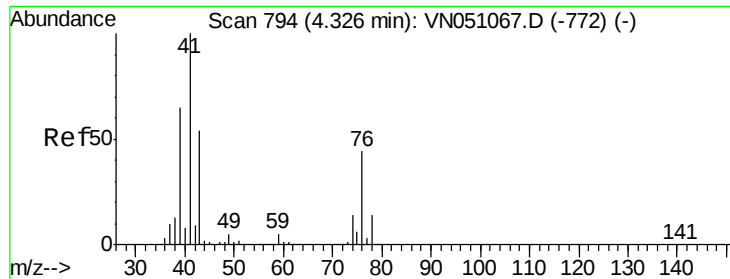
78 8.2 7.0 10.6



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

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

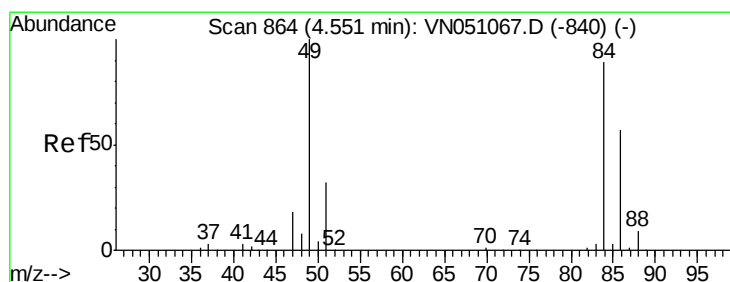
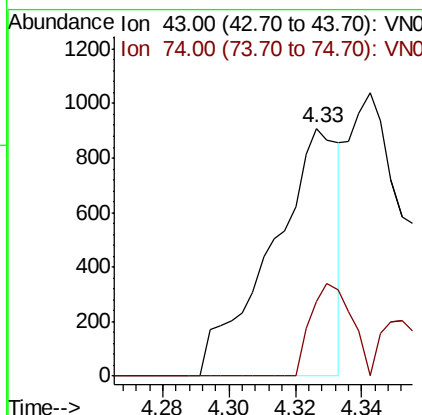
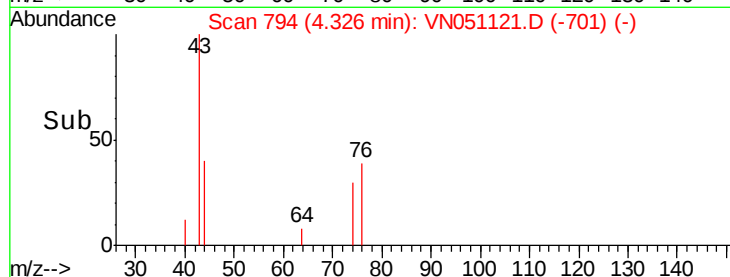
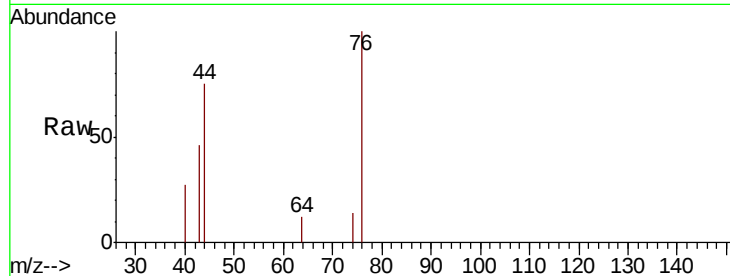




#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

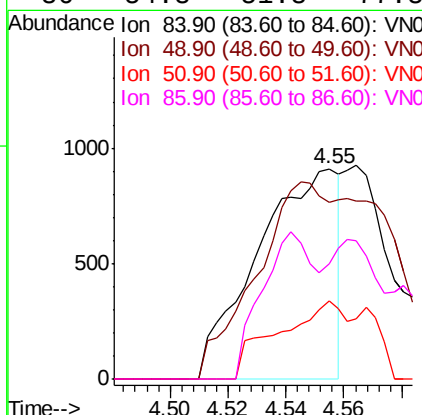
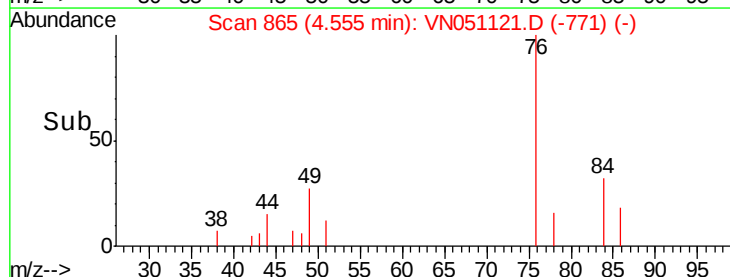
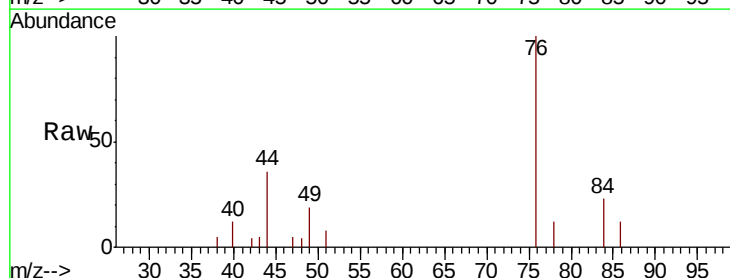
Instrument :
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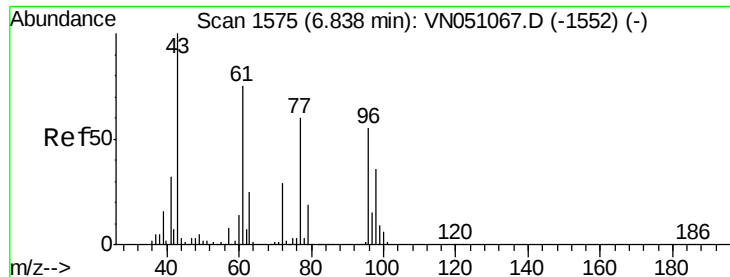
Tot Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
74 22.8 20.7 31.1



#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

Tgt Ion: 84 Resp: 1768
Ion Ratio Lower Upper
84 100
49 83.9 90.2 135.2#
51 37.0 28.4 42.6
86 54.8 51.8 77.8

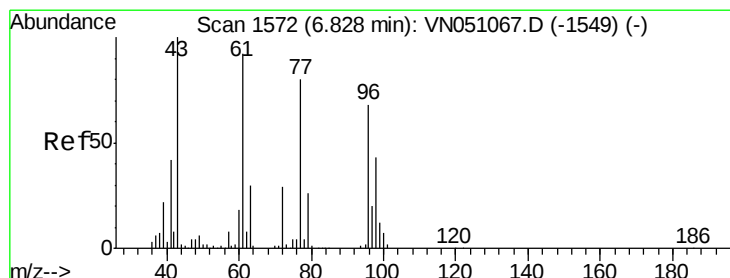
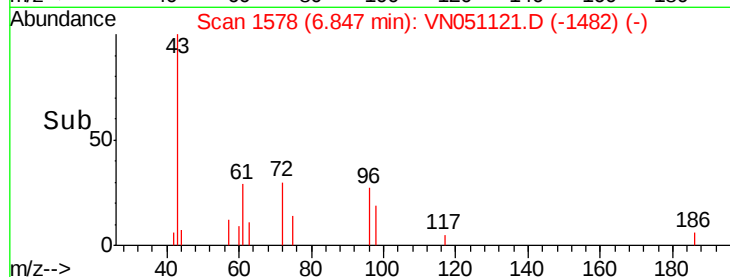
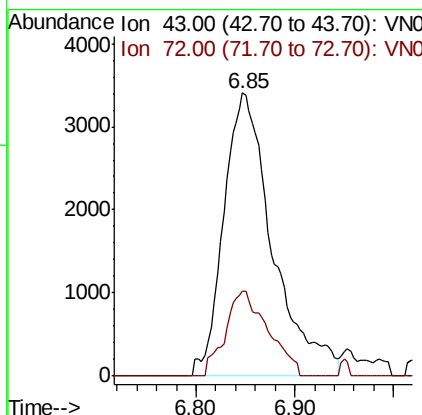
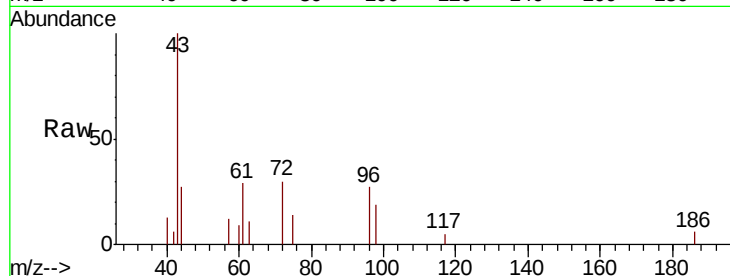




#25
2-Butanone
Concen: 4.04 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

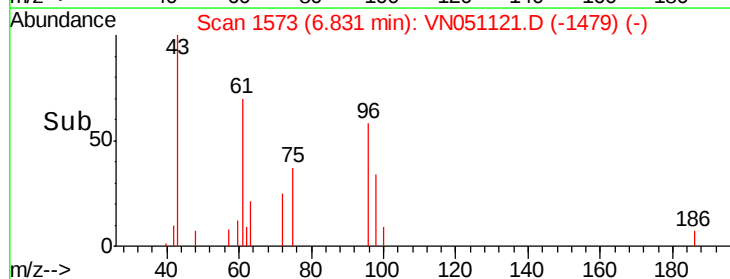
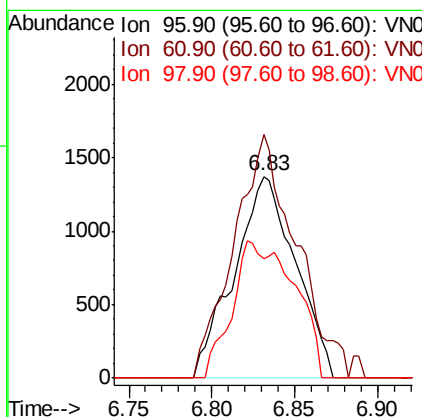
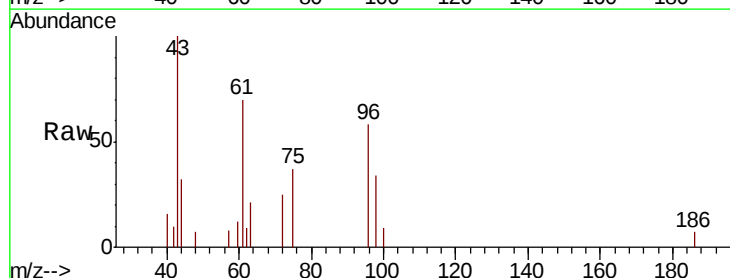
Instrument :
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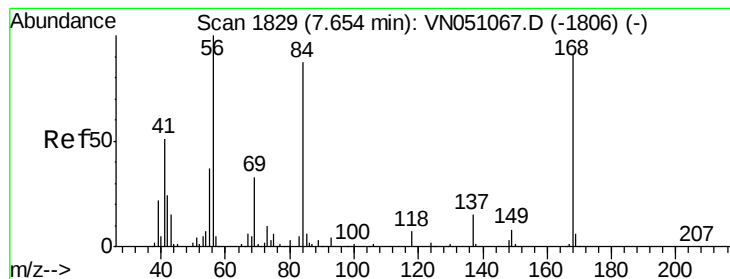
Tot Ion: 43 Resp: 11769
Ion Ratio Lower Upper
43 100
72 30.0 23.0 34.6



#27
cis-1,2-Dichloroethene
Concen: 0.42 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

Tgt Ion: 96 Resp: 3529
Ion Ratio Lower Upper
96 100
61 122.3 0.0 278.2
98 34.5 0.0 129.4





#31

Cyclohexane

Concen: 0.71 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-E

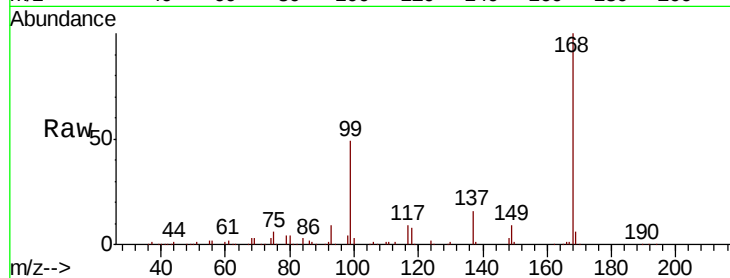
Tot Ion: 56 Resp: 11354

Ion Ratio Lower Upper

56 100

69 185.7 26.3 39.5#

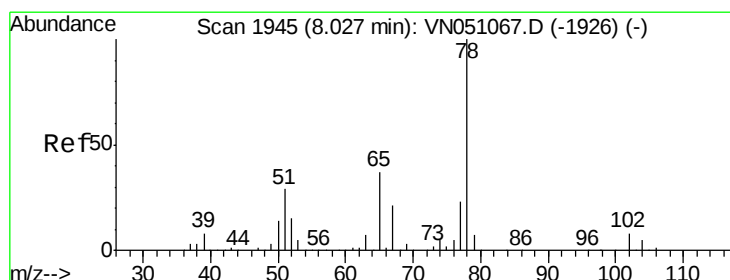
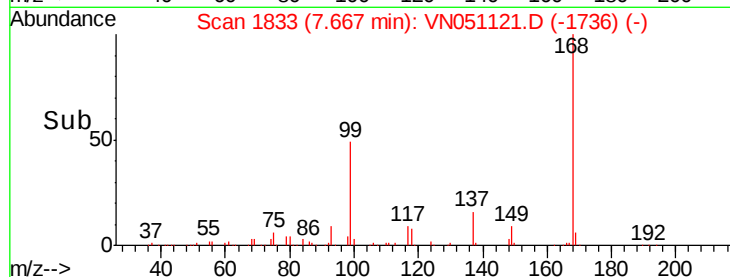
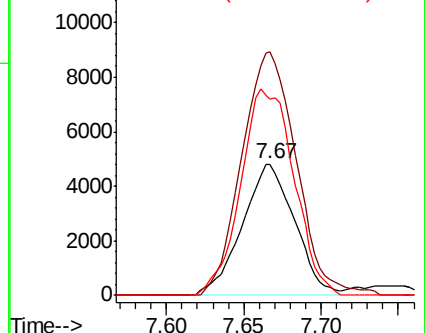
84 149.8 69.4 104.0#



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: 50.97 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051121.D

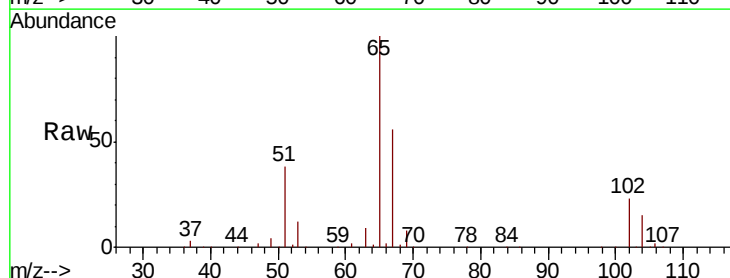
Acq: 11 Sep 2018 12:44

Tgt Ion: 65 Resp: 377767

Ion Ratio Lower Upper

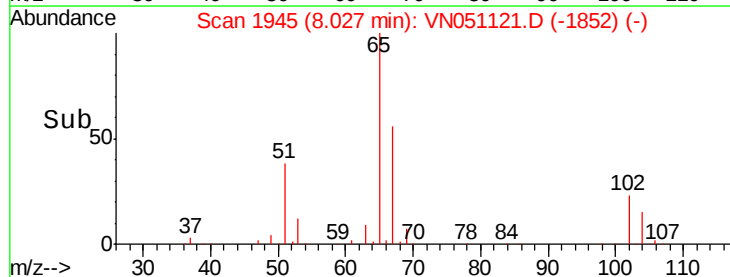
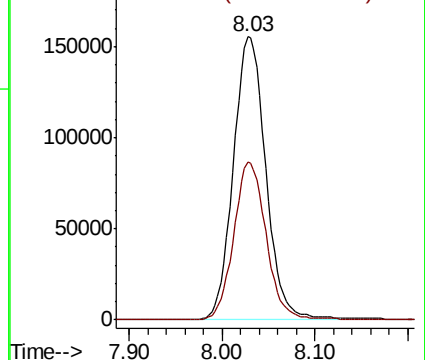
65 100

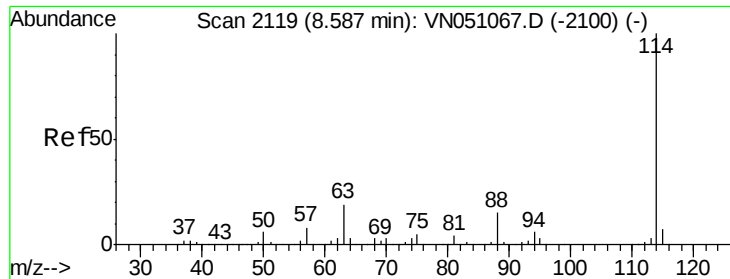
67 55.4 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

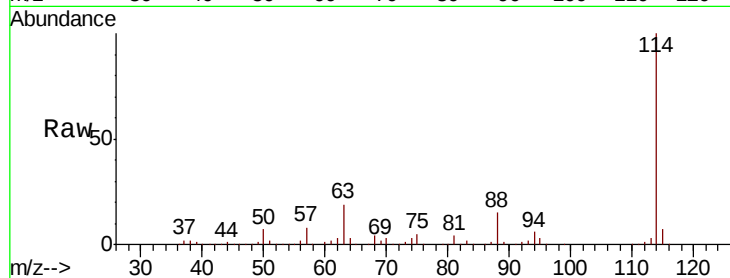




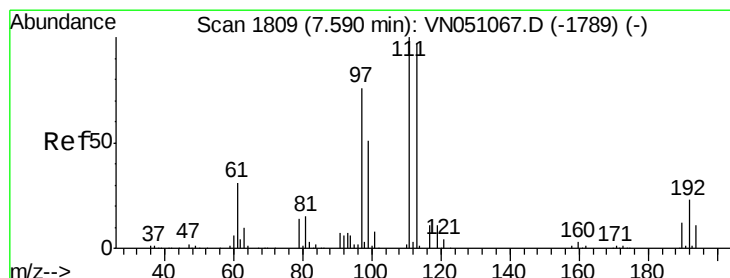
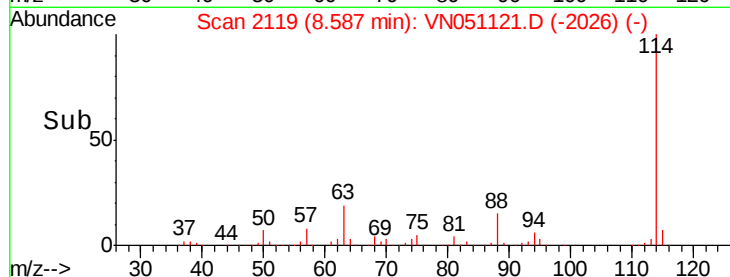
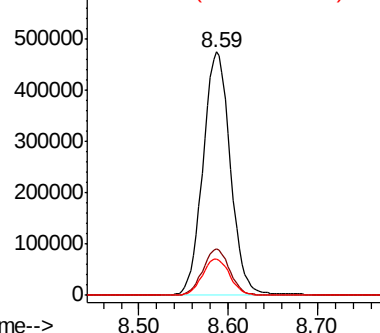
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051121.D
 Acq: 11 Sep 2018 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-E

Tot Ion:114 Resp: 1011137
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.8
 88 15.0 0.0 30.8

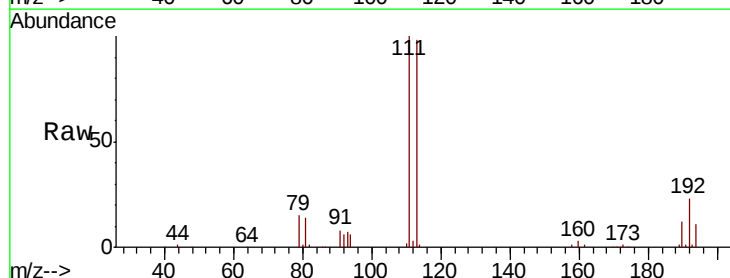


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

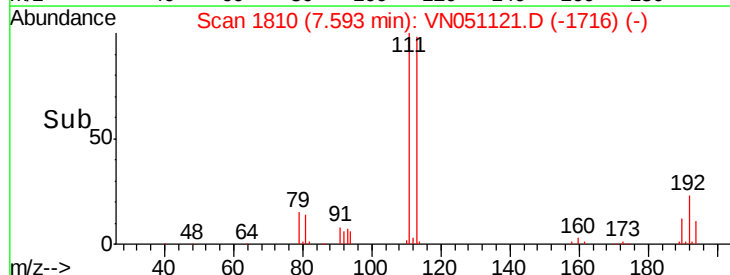
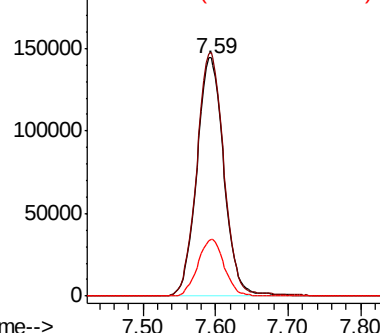


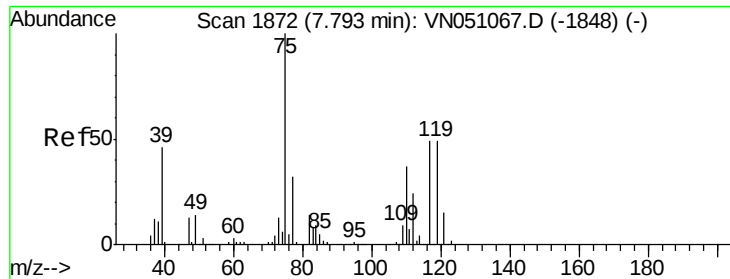
#35
 Dibromofluoromethane
 Concen: 49.17 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051121.D
 Acq: 11 Sep 2018 12:44

Tgt Ion:113 Resp: 373566
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.0 124.6
 192 23.5 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

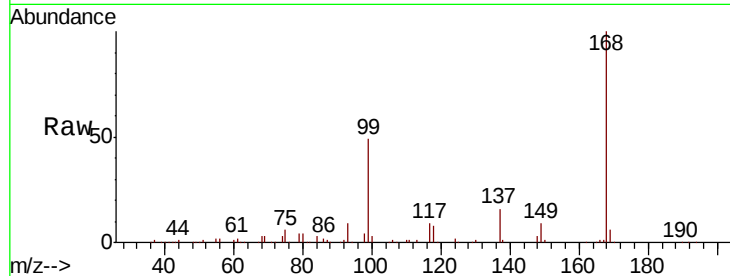




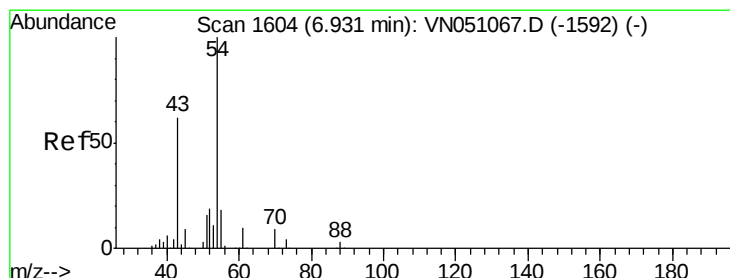
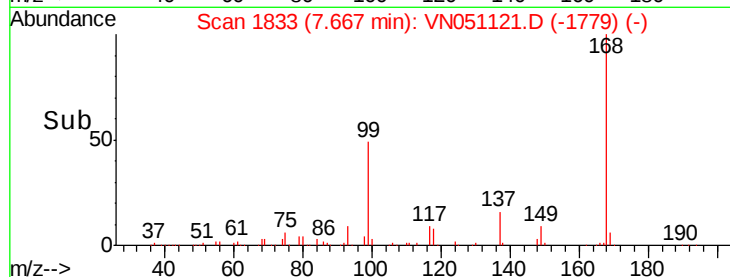
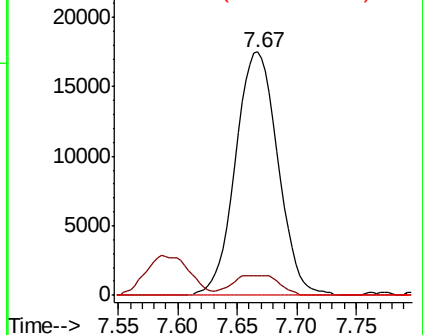
#36
 1,1-Dichloropropene
 Concen: 3.90 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051121.D
 Acq: 11 Sep 2018 12:44

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-E

Tot Ion: 75 Resp: 43256
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 55.8#
 77 0.0 25.2 37.8#

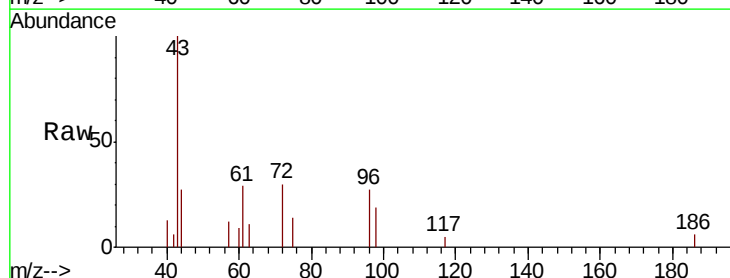


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

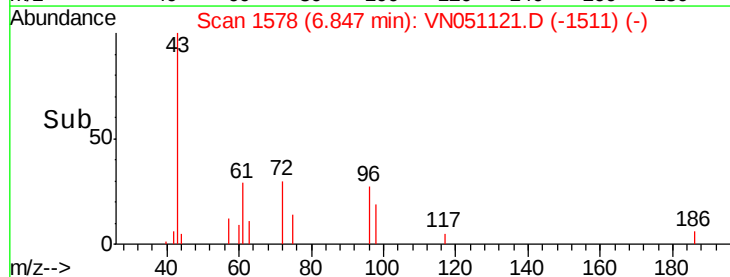
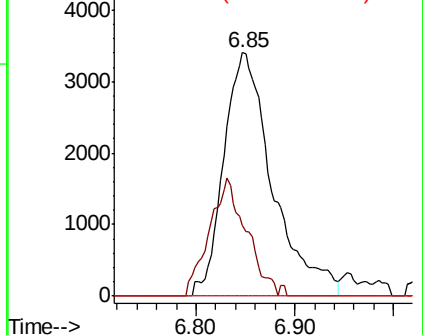


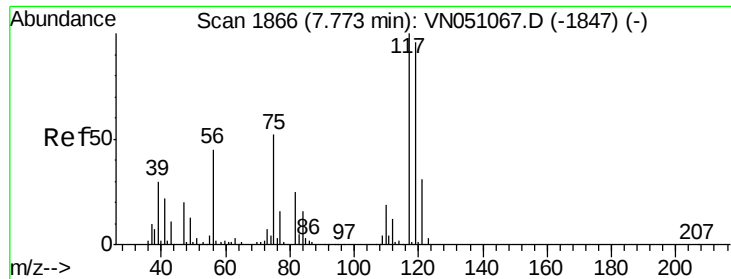
#37
 Ethyl Acetate
 Concen: 1.83 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. -0.08 min
 Lab File: VN051121.D
 Acq: 11 Sep 2018 12:44

Tgt Ion: 43 Resp: 11769
 Ion Ratio Lower Upper
 43 100
 61 36.7 12.4 18.6#
 70 0.0 9.3 13.9#



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

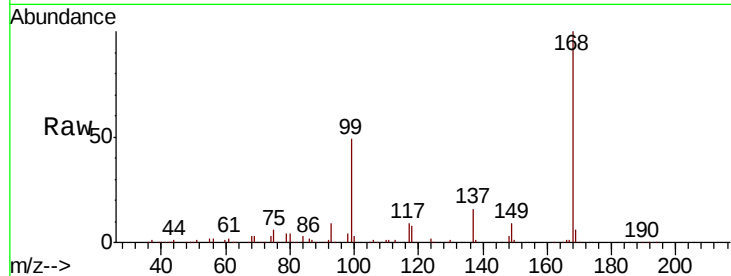




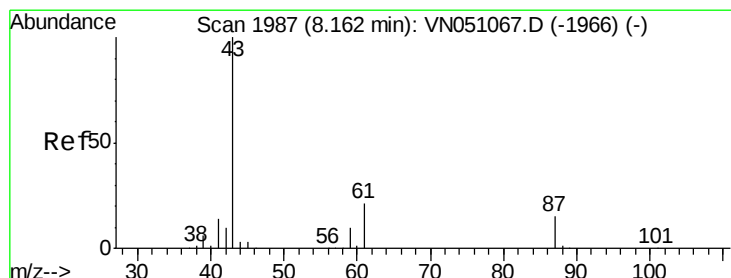
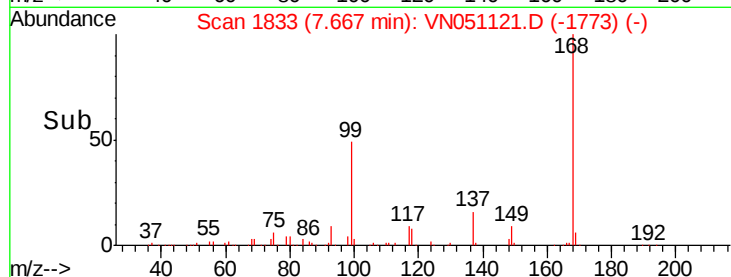
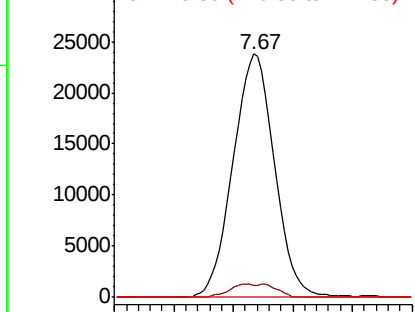
#38
Carbon Tetrachloride
Concen: 5.26 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-E

Tot Ion:117 Resp: 57446
Ion Ratio Lower Upper
117 100
119 5.1 76.8 115.2#
121 0.0 24.6 36.8#

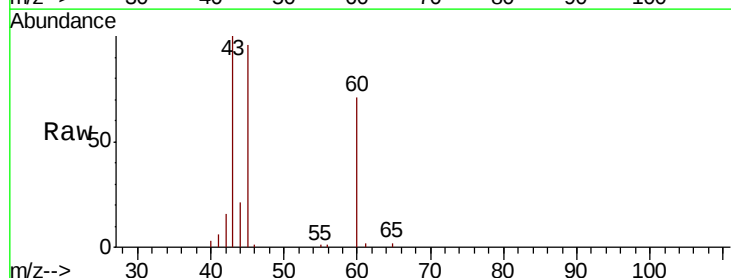


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

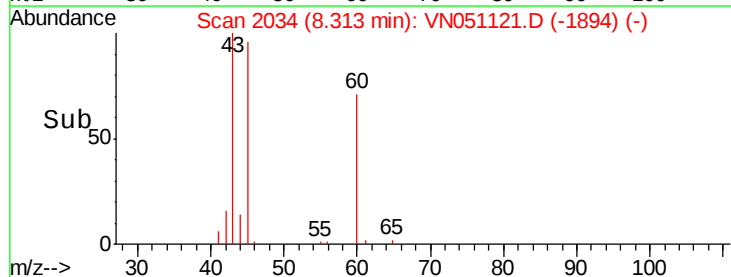
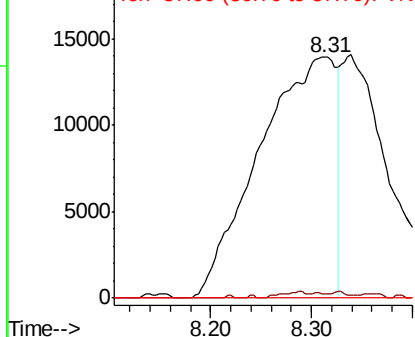


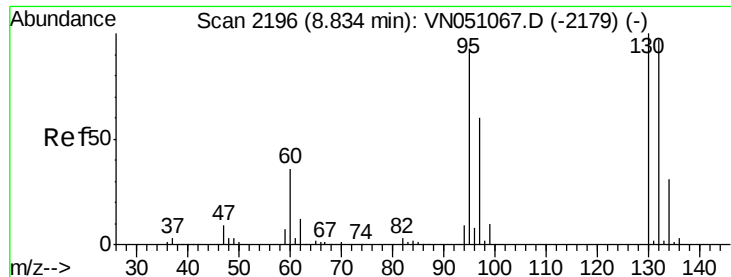
#43
Isopropyl Acetate
Concen: 6.49 ug/l
RT: 8.31 min Scan# 2034
Delta R.T. 0.15 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

Tgt Ion: 43 Resp: 73641
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

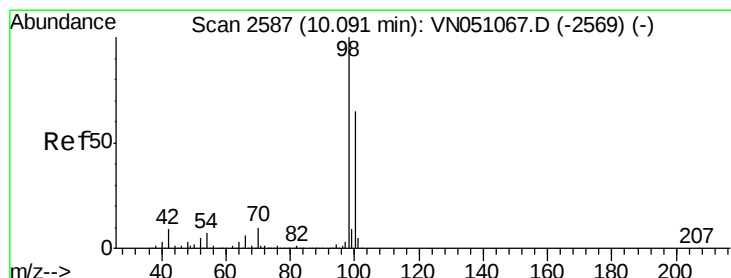
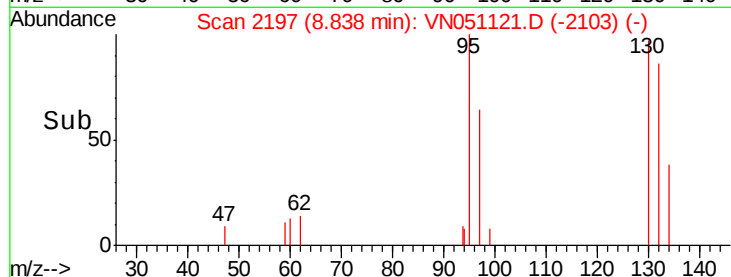
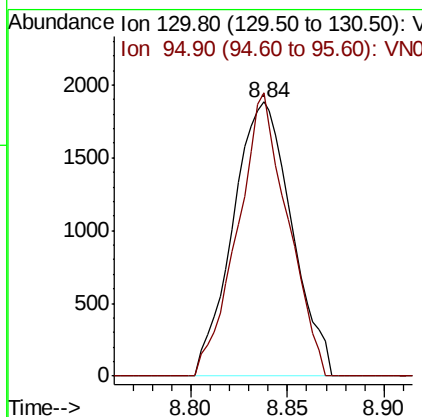
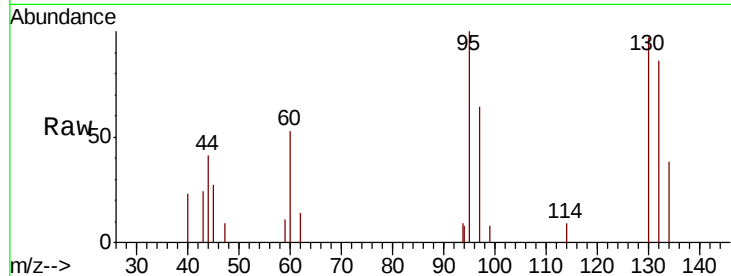




#44
 Trichloroethene
 Concen: 0.44 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051121.D
 Acq: 11 Sep 2018 12:44

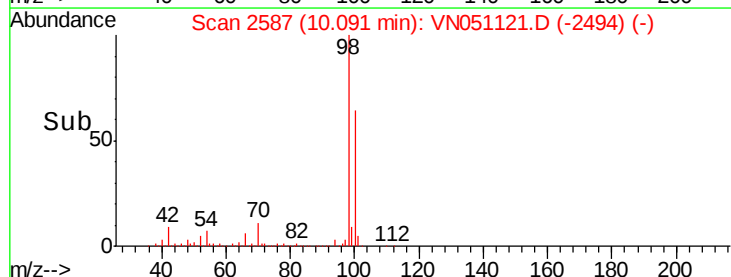
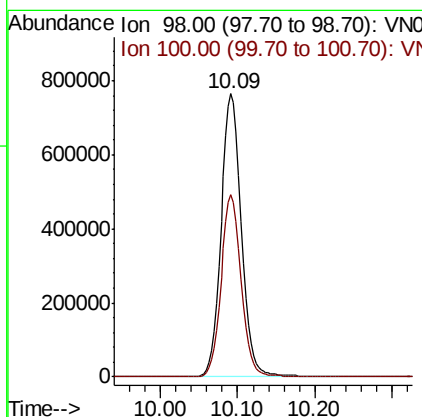
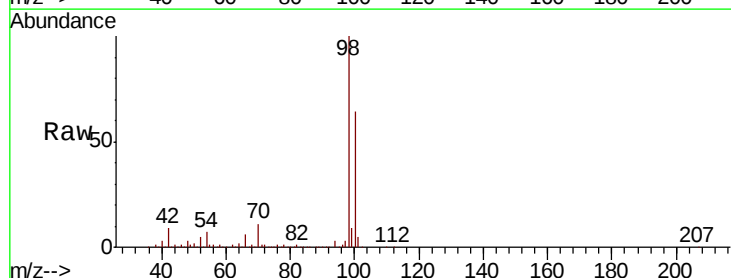
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-E

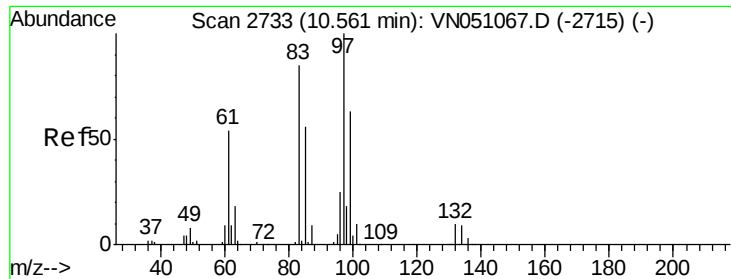
Tot Ion:130 Resp: 3981
 Ion Ratio Lower Upper
 130 100
 95 103.2 0.0 186.2



#50
 Toluene-d8
 Concen: 48.53 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN051121.D
 Acq: 11 Sep 2018 12:44

Tgt Ion: 98 Resp: 1399209
 Ion Ratio Lower Upper
 98 100
 100 63.6 52.0 78.0





#55

1,1,2-Trichloroethane

Concen: 2.24 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-E

Tot Ion: 97 Resp: 16567

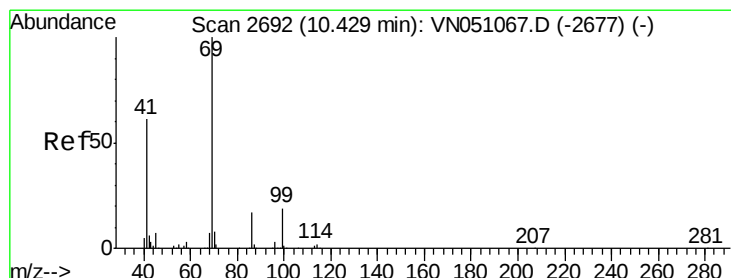
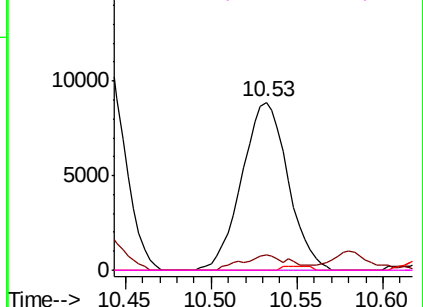
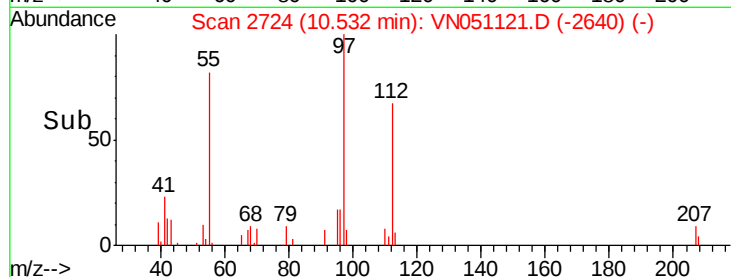
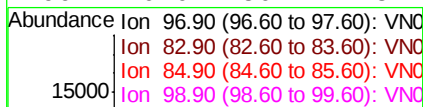
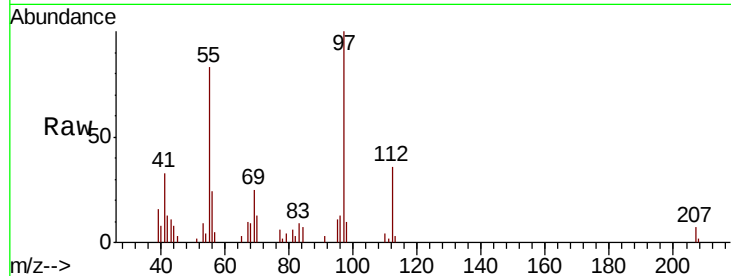
Ion Ratio Lower Upper

97 100

83 9.2 68.2 102.2#

85 0.0 44.8 67.2#

99 0.0 50.2 75.4#



#56

Ethyl methacrylate

Concen: 3.39 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

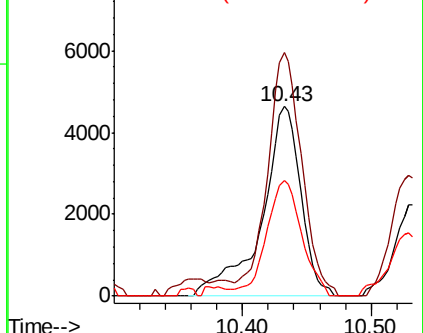
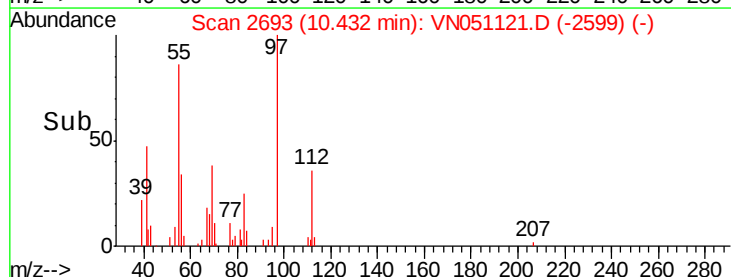
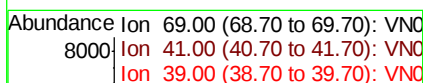
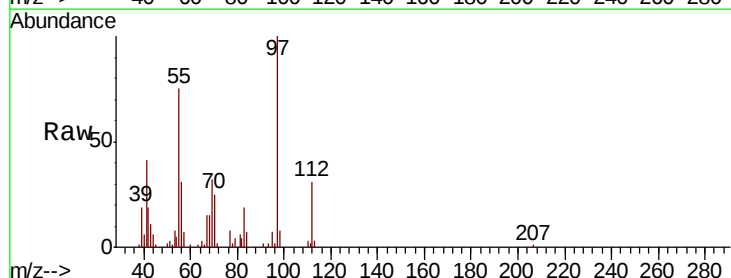
Tgt Ion: 69 Resp: 9769

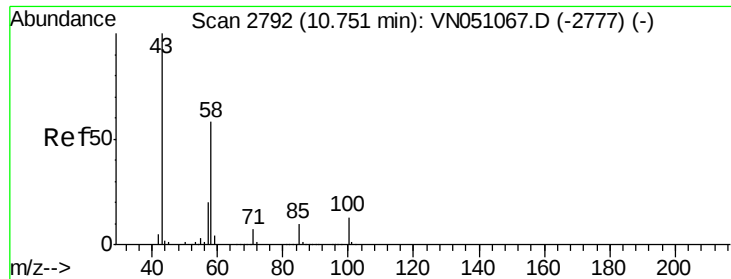
Ion Ratio Lower Upper

69 100

41 113.1 47.8 71.8#

39 55.2 23.0 34.4#

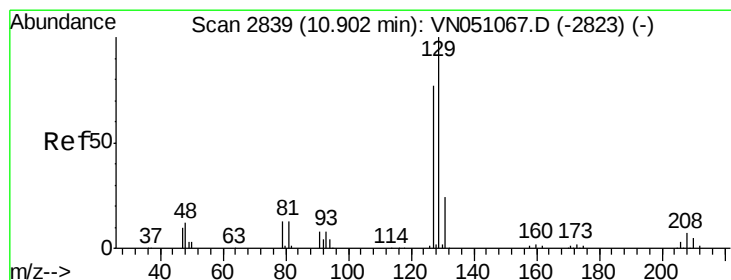
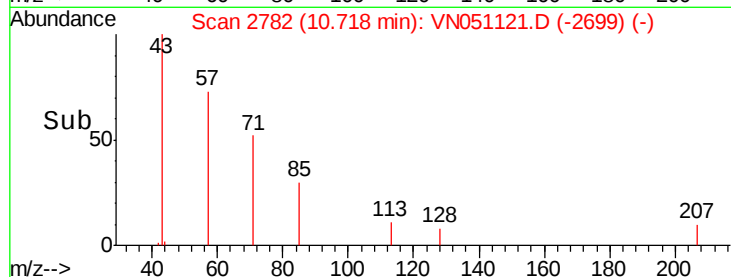
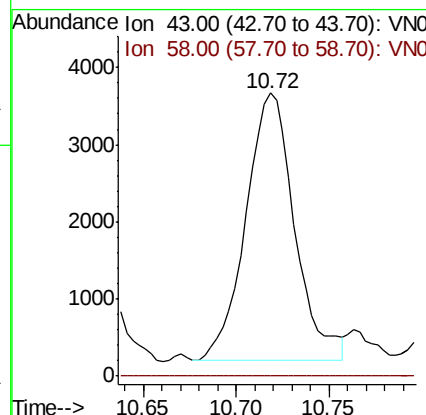
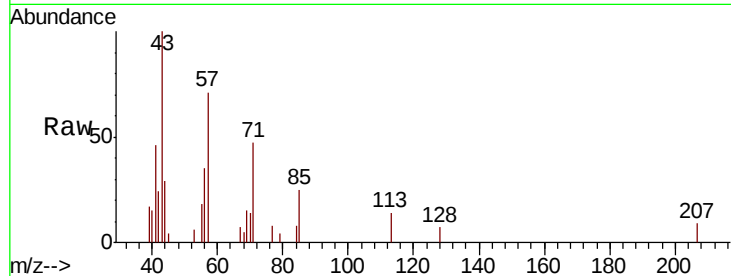




#59
2-Hexanone
Concen: 1.49 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

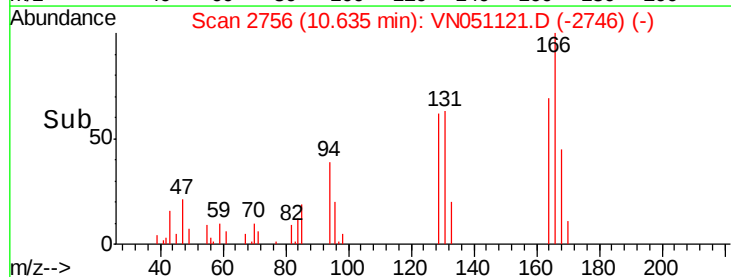
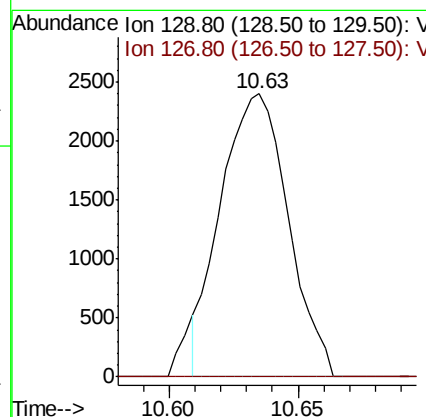
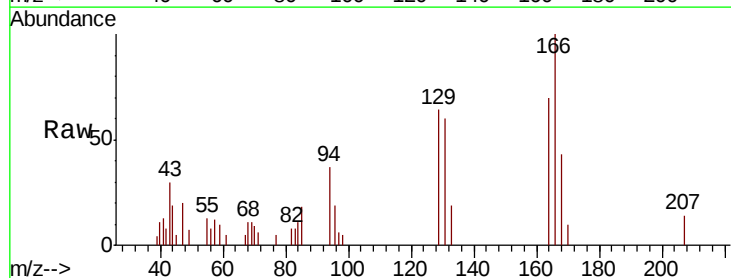
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-E

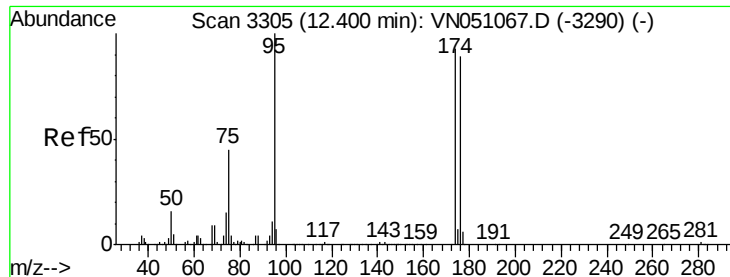
Tot Ion: 43 Resp: 6353
Ion Ratio Lower Upper
43 100
58 0.0 29.3 88.0#



#60
Dibromochloromethane
Concen: 0.52 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

Tgt Ion: 129 Resp: 4377
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 47.60 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-E

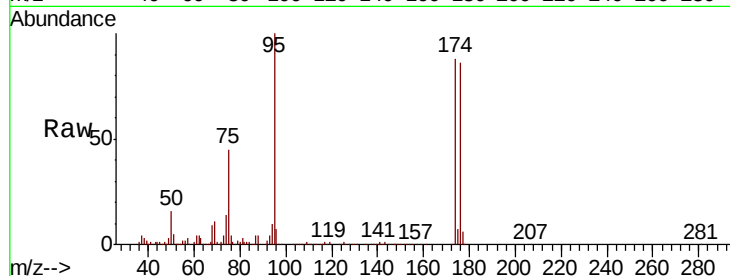
Tot Ion: 95 Resp: 453925

Ion Ratio Lower Upper

95 100

174 91.0 0.0 184.8

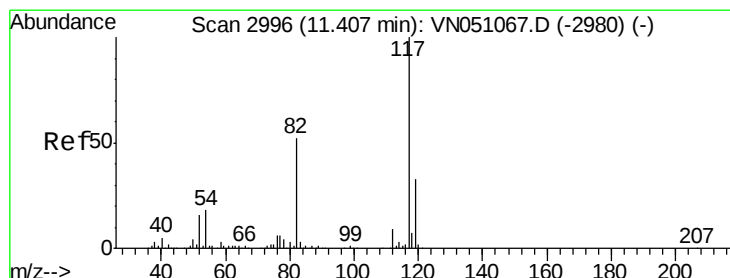
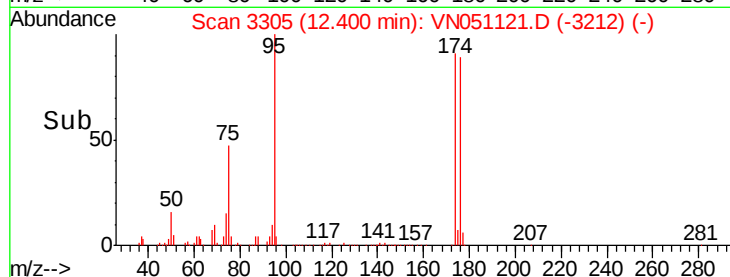
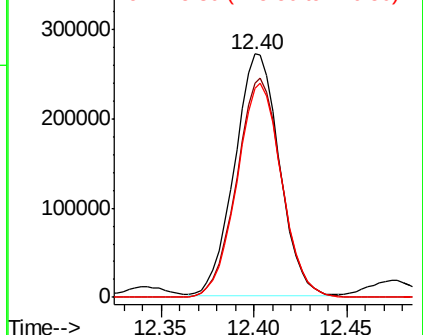
176 89.1 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051121.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051121.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051121.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

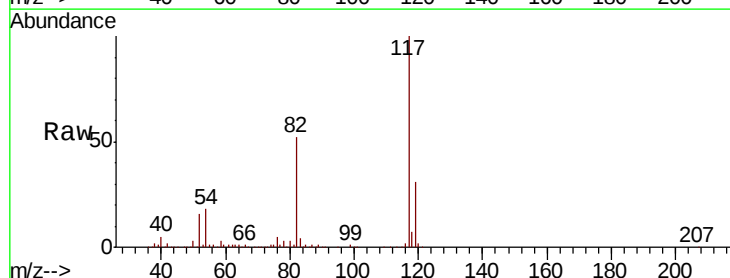
Tgt Ion: 117 Resp: 890528

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.6

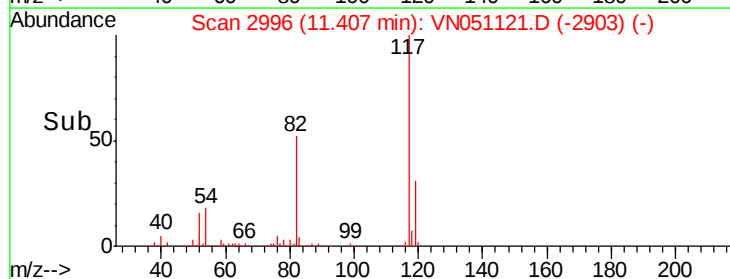
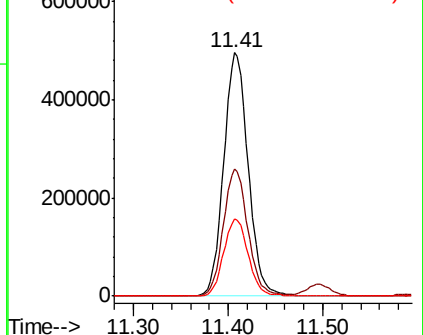
119 31.5 26.2 39.2

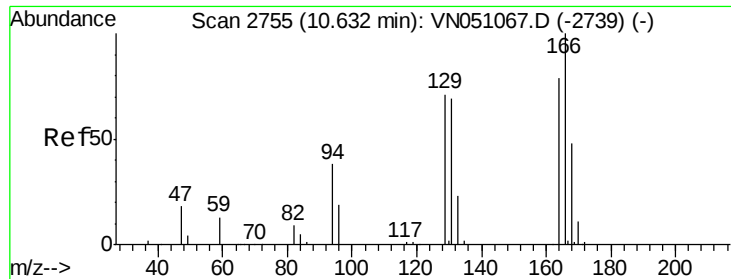


Abundance Ion 116.90 (116.60 to 117.60): VN051121.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051121.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051121.D (-2903) (-)

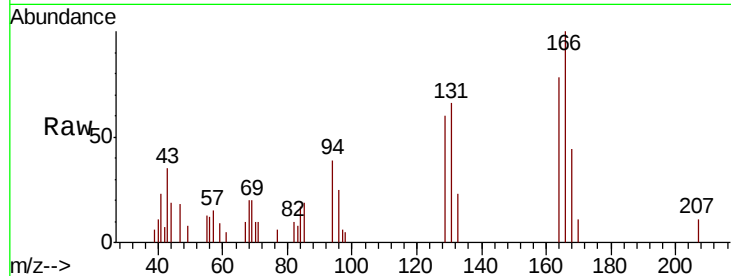




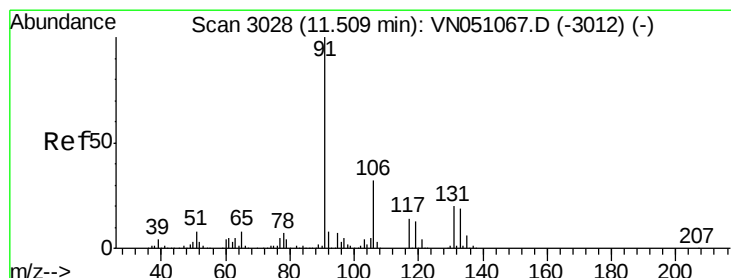
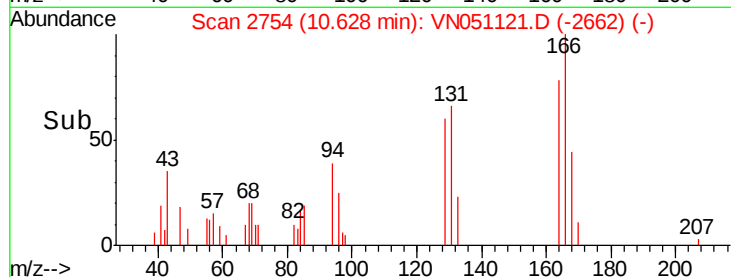
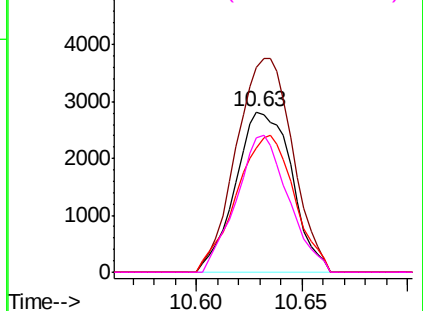
#64
Tetrachloroethene
Concen: 0.64 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-E

Tot Ion:164 Resp: 5231
Ion Ratio Lower Upper
164 100
166 127.9 101.3 151.9
129 77.3 72.2 108.2
131 83.9 70.2 105.2

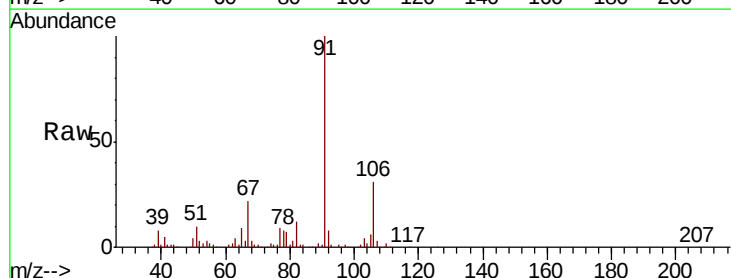


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

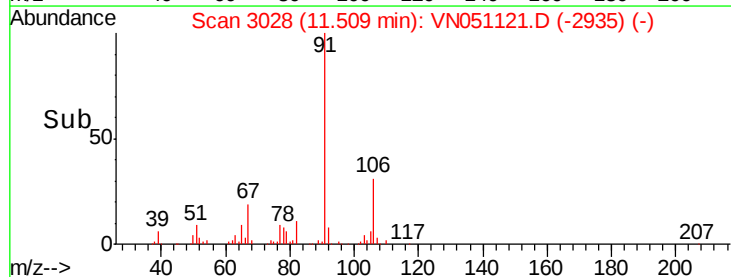
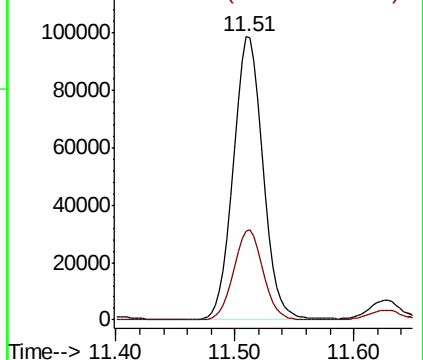


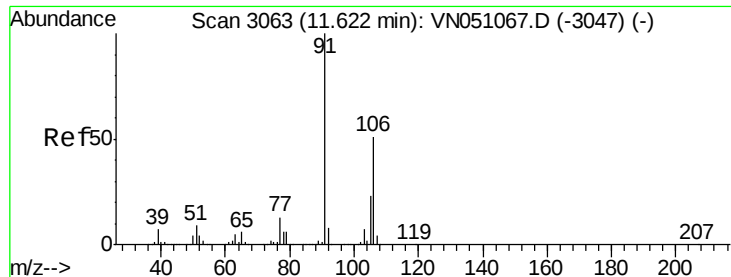
#67
Ethyl Benzene
Concen: 4.72 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

Tgt Ion: 91 Resp: 171440
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V

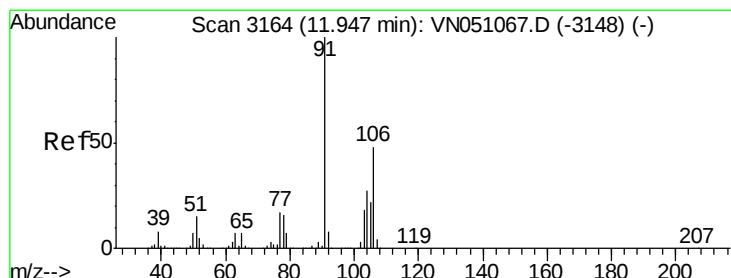
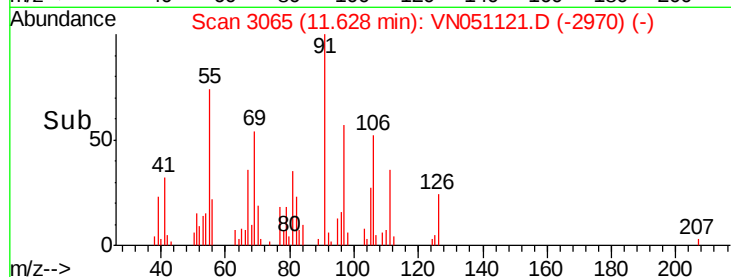
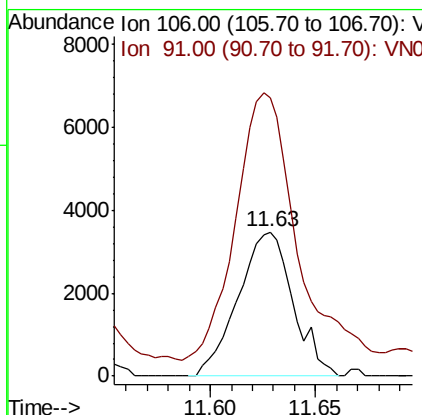
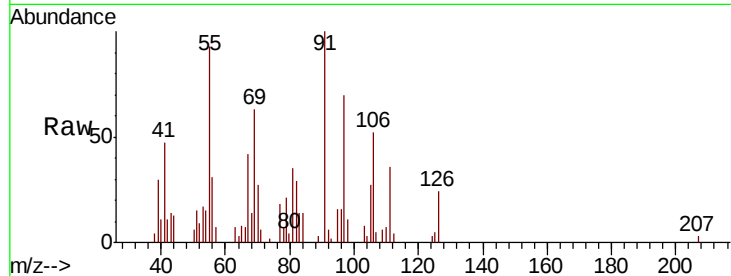




#68
m/p-Xylenes
Concen: 0.45 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

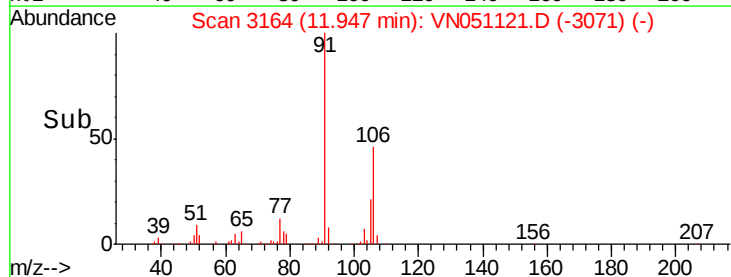
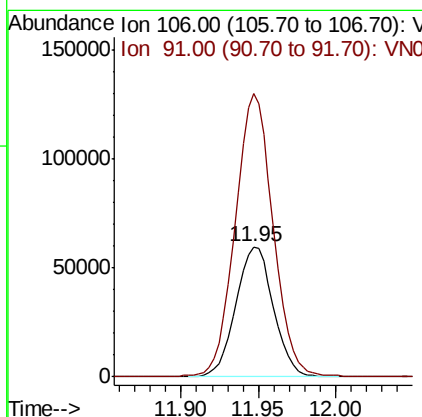
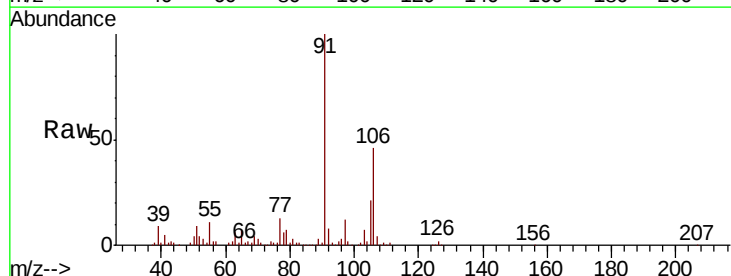
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-E

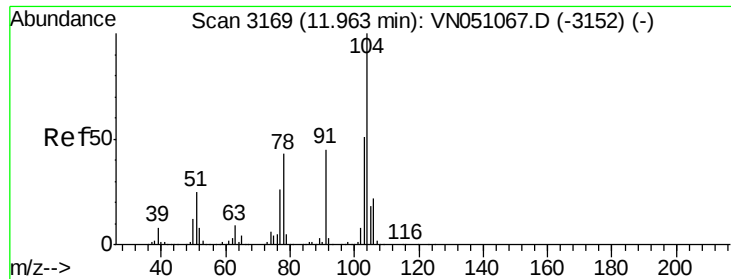
Tot Ion:106 Resp: 6304
Ion Ratio Lower Upper
106 100
91 206.6 159.8 239.6



#69
o-Xylene
Concen: 7.43 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

Tgt Ion:106 Resp: 100459
Ion Ratio Lower Upper
106 100
91 220.2 105.1 315.1

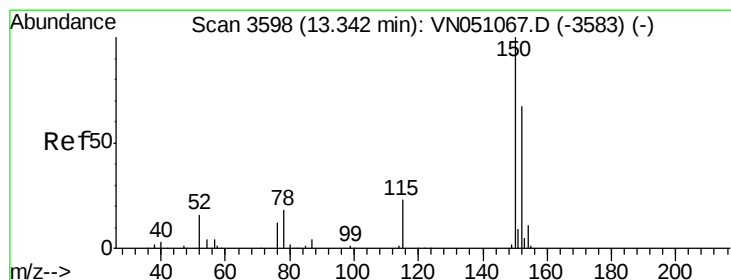
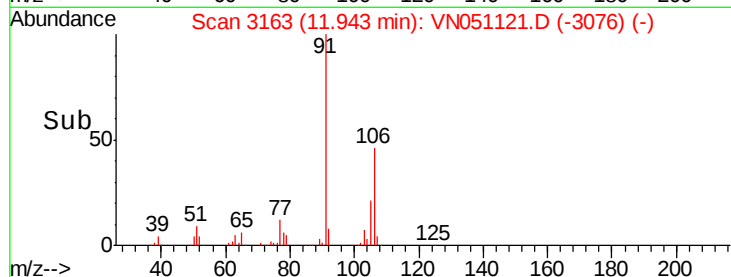
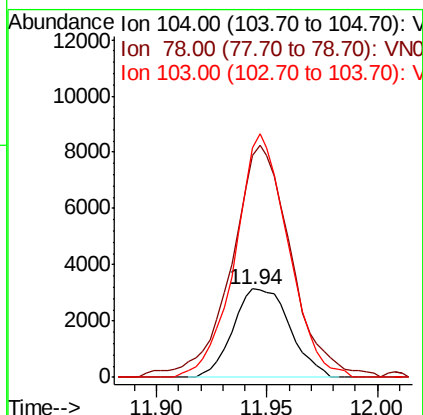
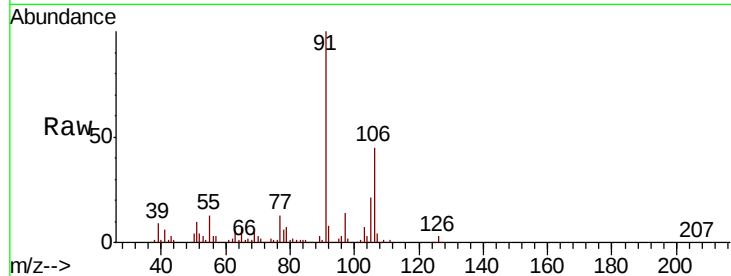




#70
Stvrene
Concen: 0.27 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.02 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

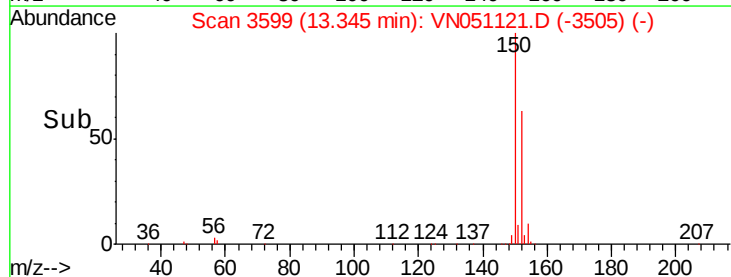
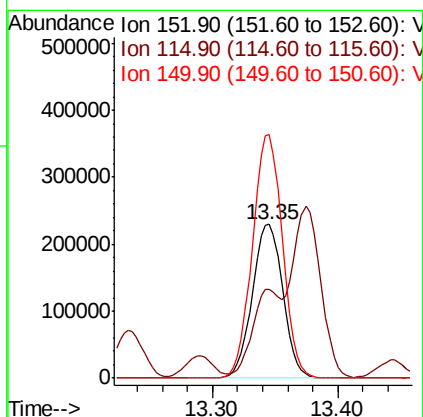
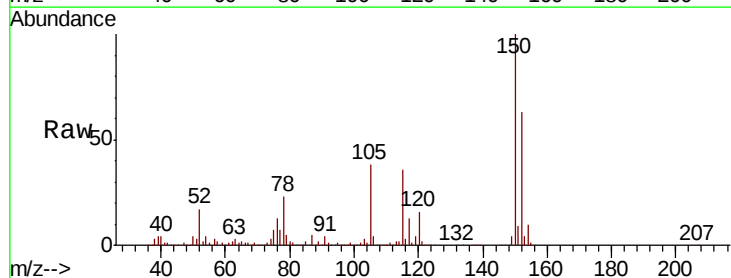
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-E

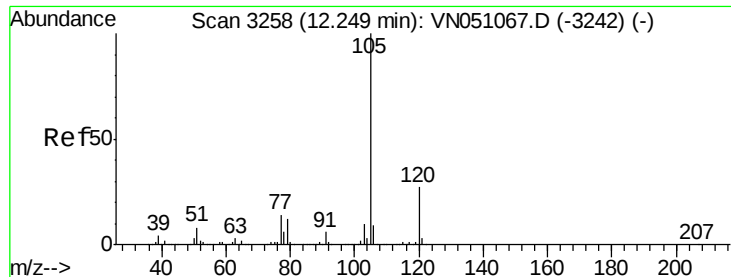
Tot Ion:104 Resp: 5595
Ion Ratio Lower Upper
104 100
78 276.4 37.7 56.5#
103 257.6 44.6 67.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

Tgt Ion:152 Resp: 389355
Ion Ratio Lower Upper
152 100
115 52.0 28.2 84.7
150 155.8 0.0 349.0





#73

Isopropylbenzene

Concen: 60.40 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

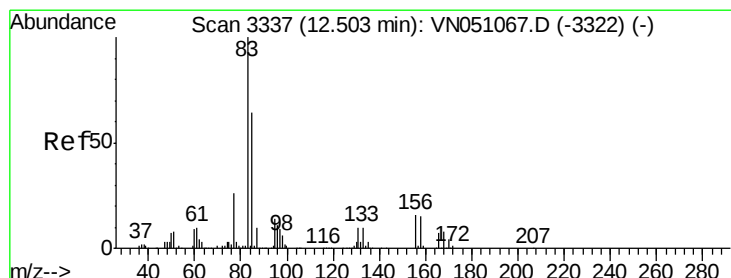
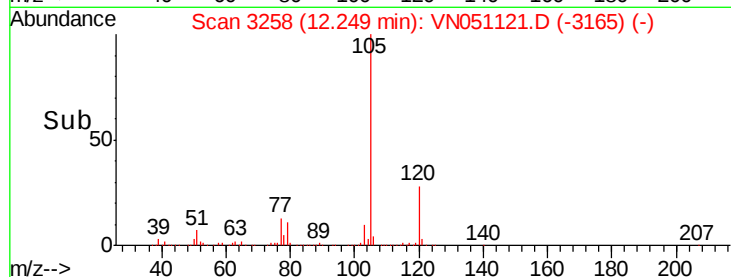
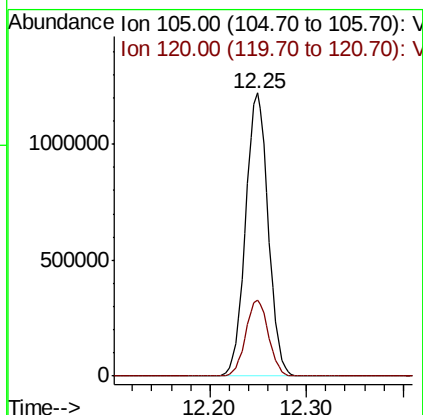
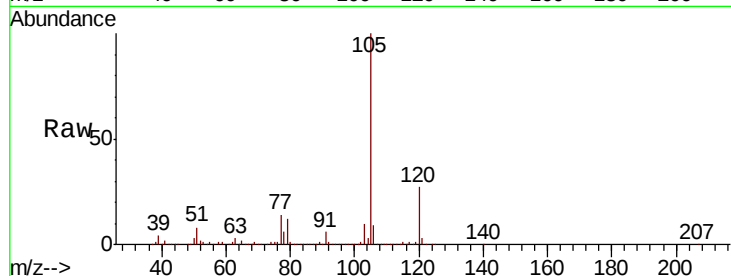
EP1-MW-E

Tot Ion:105 Resp: 1972363

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3327

Delta R.T. -0.03 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

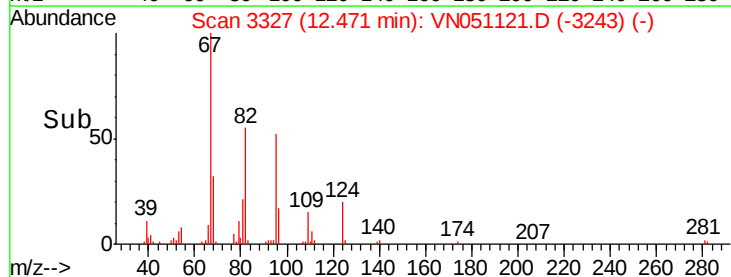
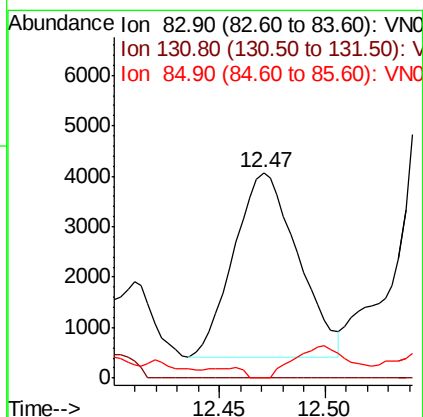
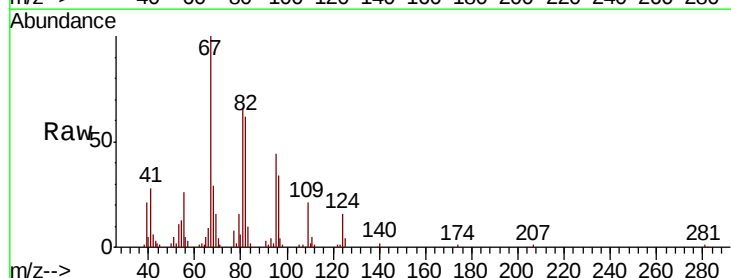
Tgt Ion: 83 Resp: 7690

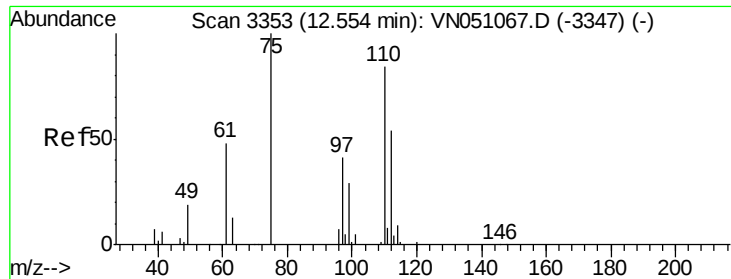
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 3.13 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

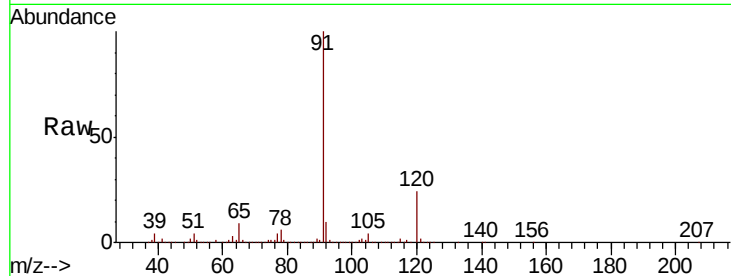
EP1-MW-E

Tot Ion: 75 Resp: 27302

Ion Ratio Lower Upper

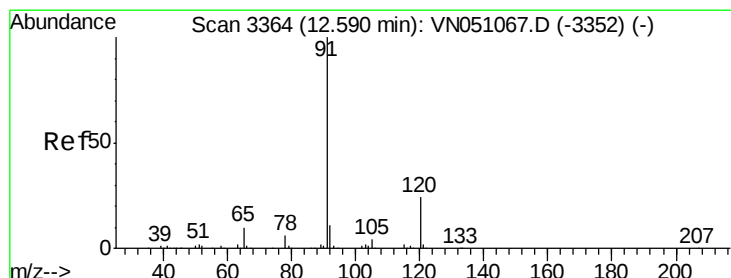
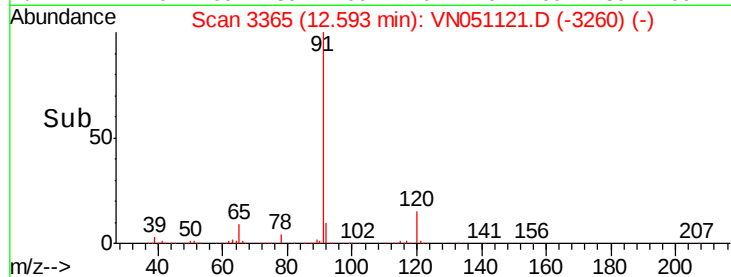
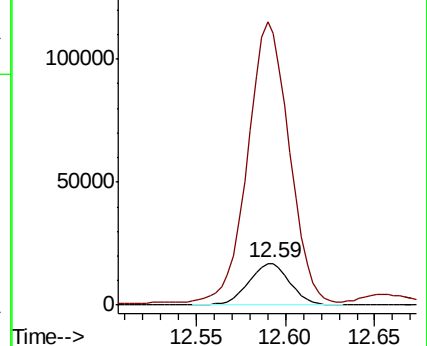
75 100

77 689.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 138.97 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051121.D

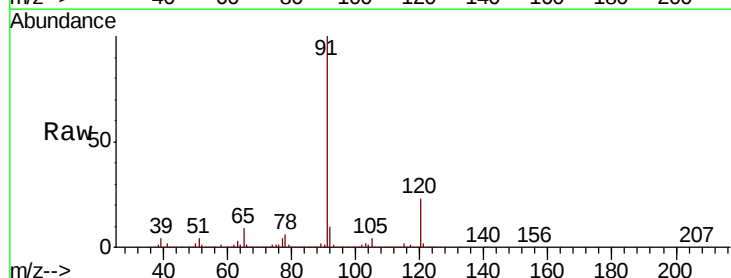
Acq: 11 Sep 2018 12:44

Tgt Ion: 91 Resp: 4987628

Ion Ratio Lower Upper

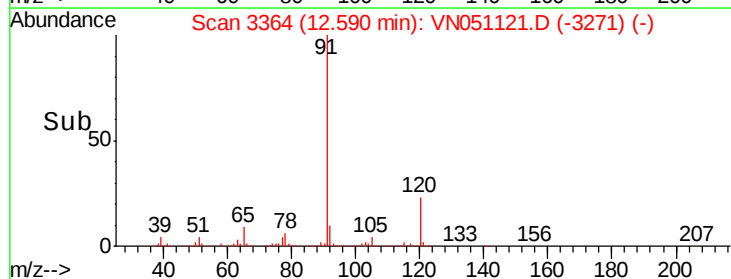
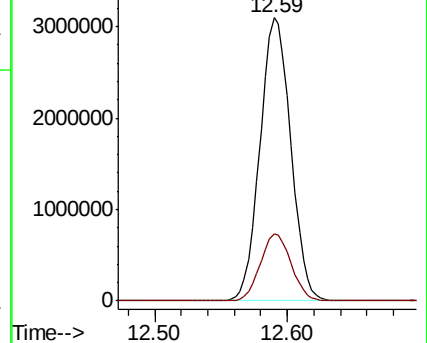
91 100

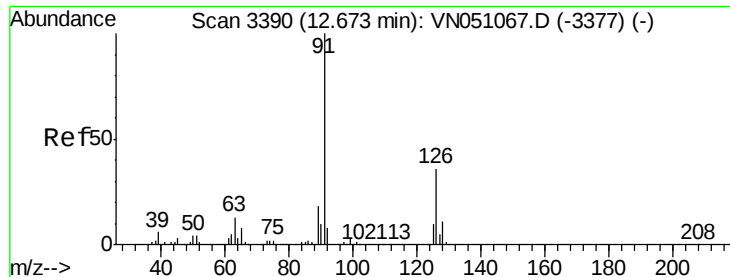
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 222.34 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

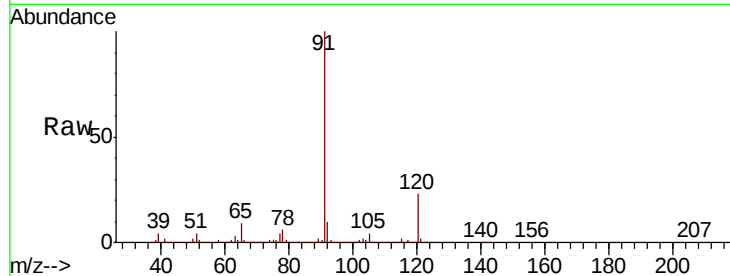
EP1-MW-E

Tot Ion: 91 Resp: 4987628

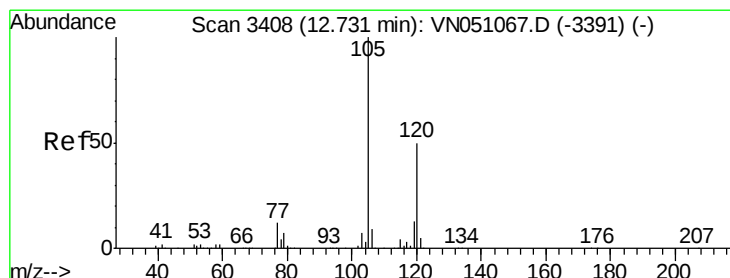
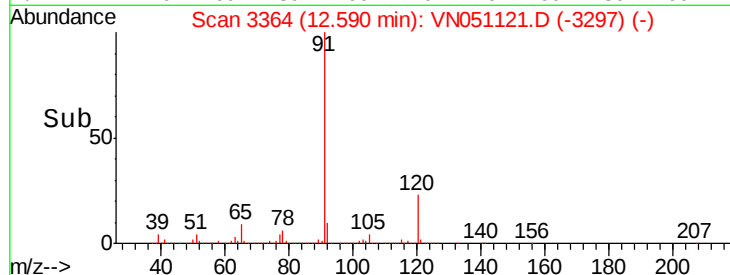
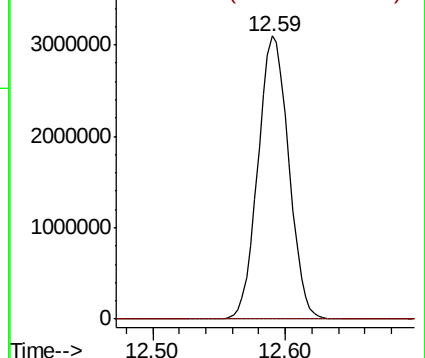
Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN051121.D (-3364) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.22 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051121.D

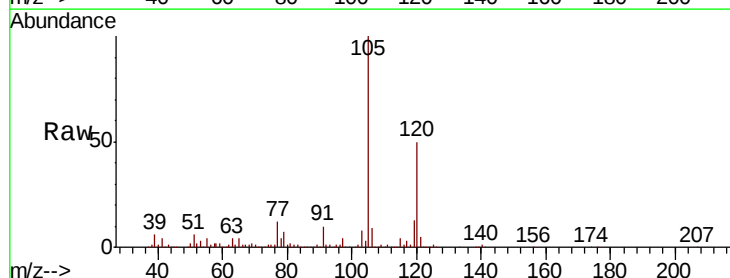
Acq: 11 Sep 2018 12:44

Tgt Ion:105 Resp: 1246488

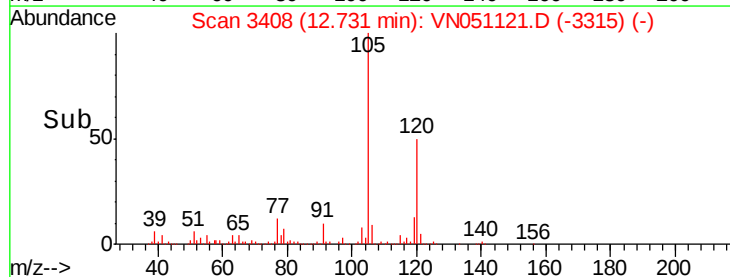
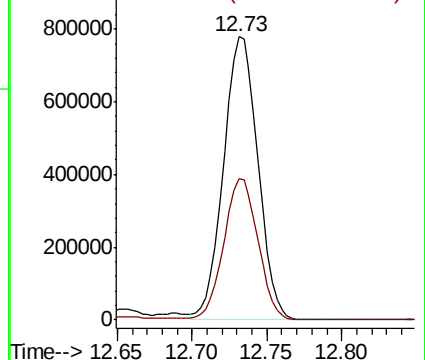
Ion Ratio Lower Upper

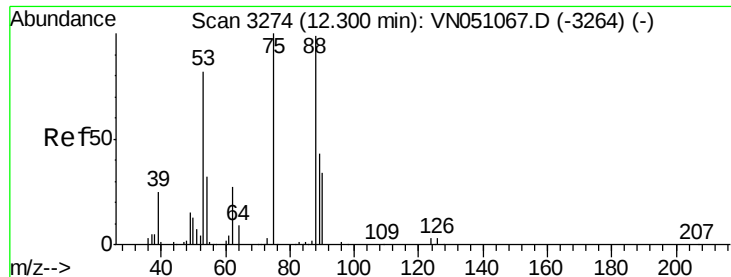
105 100

120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051121.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 9.95 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-E

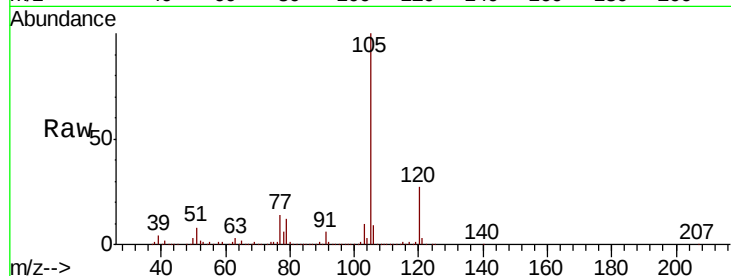
Tot Ion: 75 Resp: 20401

Ion Ratio Lower Upper

75 100

53 102.0 67.8 101.8#

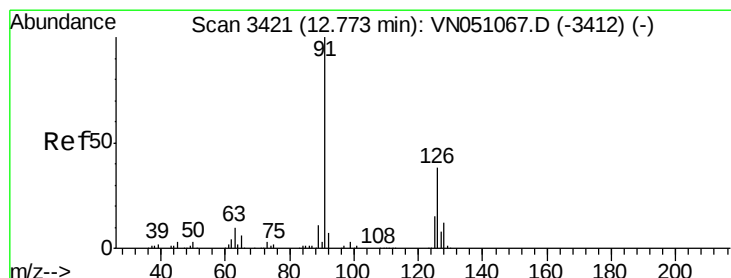
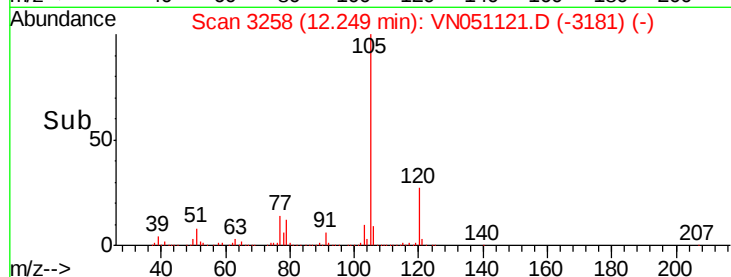
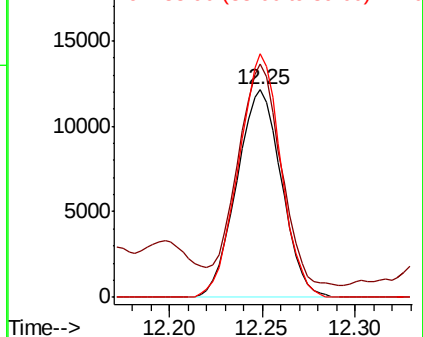
89 110.8 36.0 54.0#



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: 223.98 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN051121.D

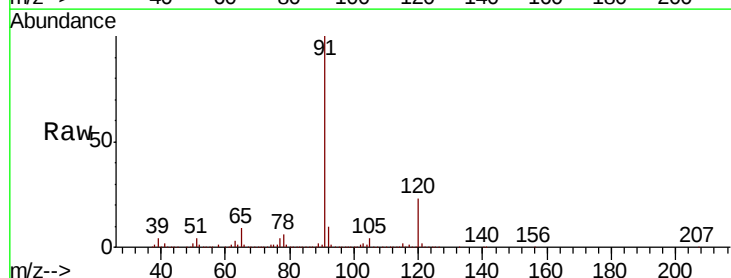
Acq: 11 Sep 2018 12:44

Tgt Ion: 91 Resp: 4987628

Ion Ratio Lower Upper

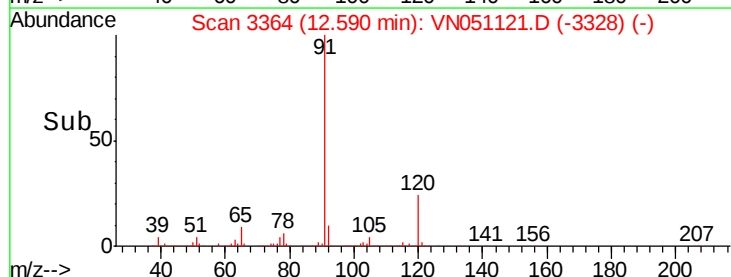
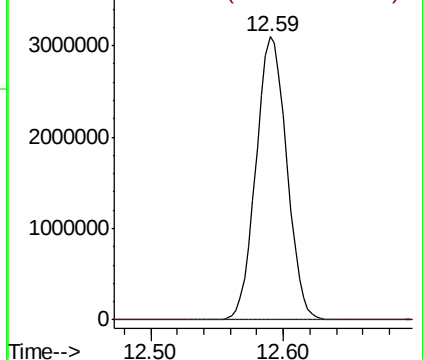
91 100

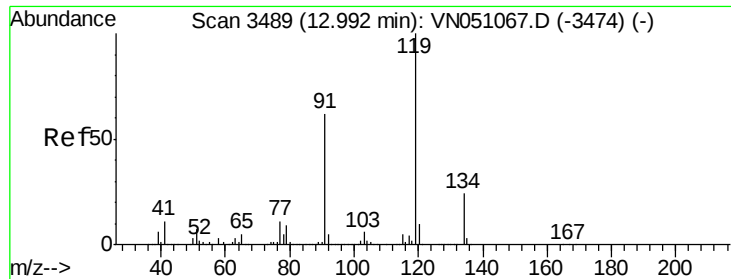
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): V

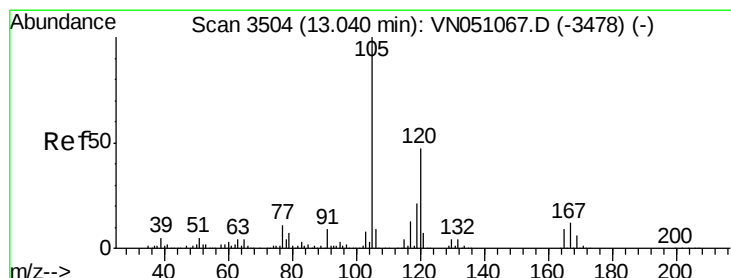
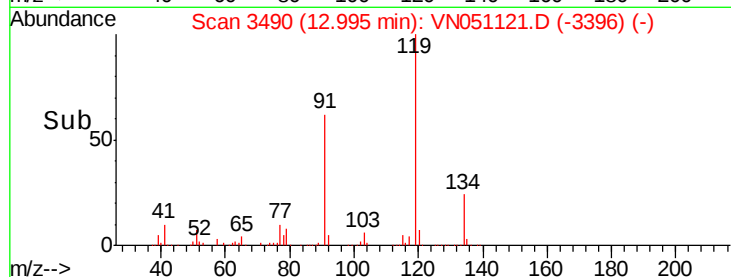
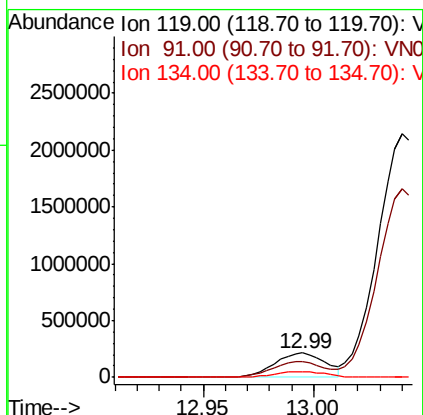
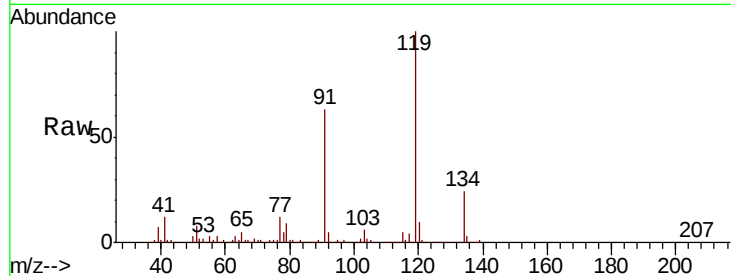




#83
 tert-Butylbenzene
 Concen: 14.69 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051121.D
 Acq: 11 Sep 2018 12:44

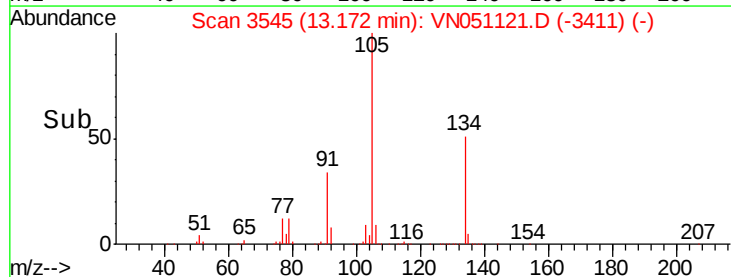
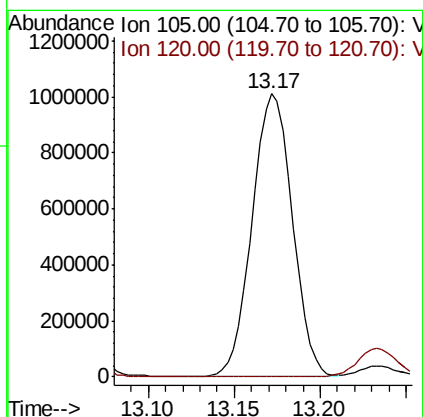
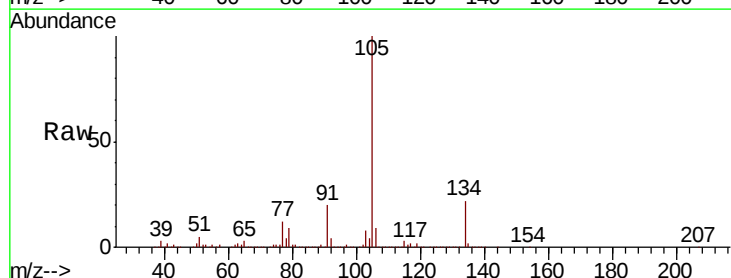
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-E

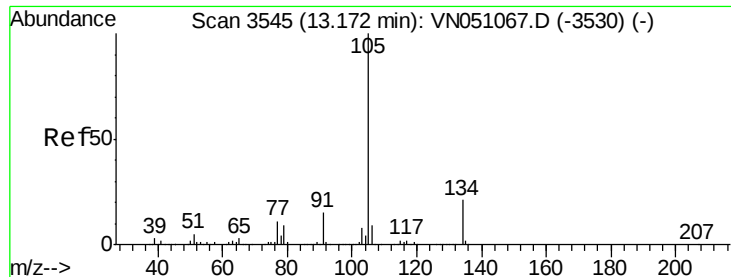
Tot Ion:119 Resp: 342372
 Ion Ratio Lower Upper
 119 100
 91 65.3 30.8 92.3
 134 24.7 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 63.04 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.13 min
 Lab File: VN051121.D
 Acq: 11 Sep 2018 12:44

Tgt Ion:105 Resp: 1636257
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.3 69.8#





#85

sec-Butylbenzene

Concen: 54.74 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampleId :

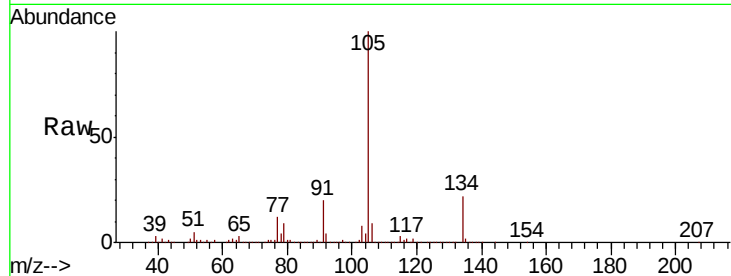
EP1-MW-E

Tot Ion:105 Resp: 1636257

Ion Ratio Lower Upper

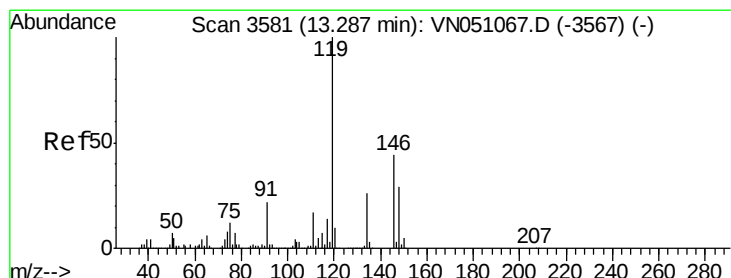
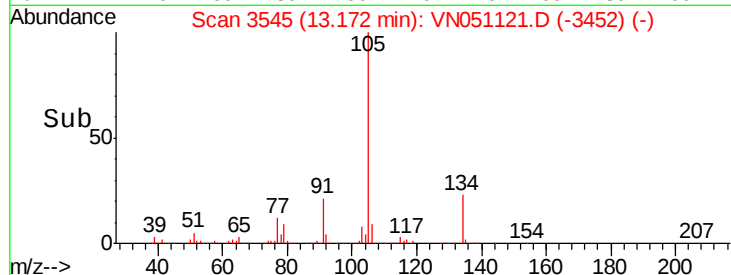
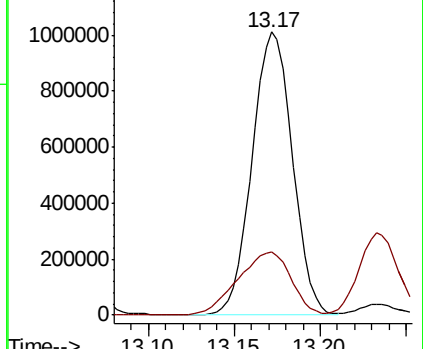
105 100

134 29.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 27.48 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

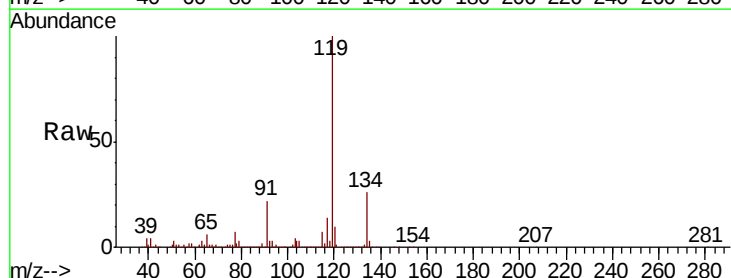
Tgt Ion:119 Resp: 696478

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

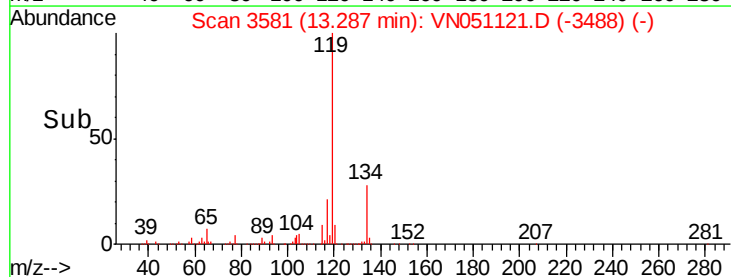
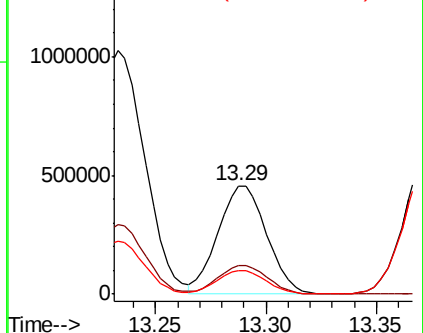
91 22.0 10.9 32.9

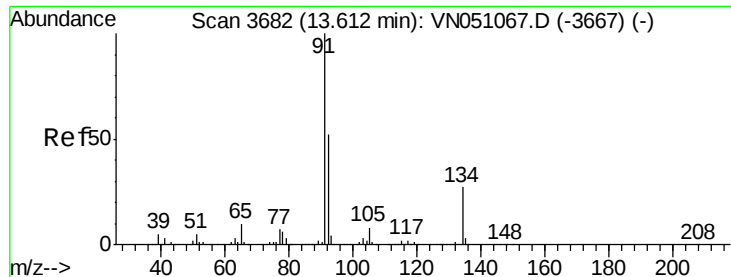


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

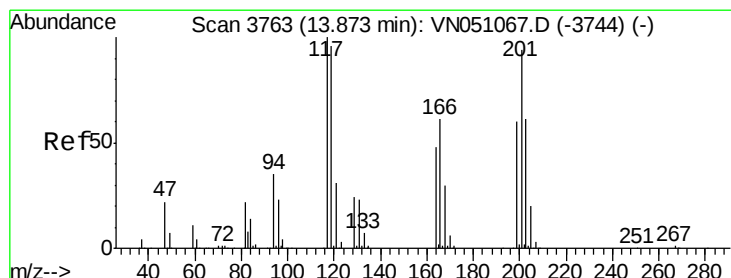
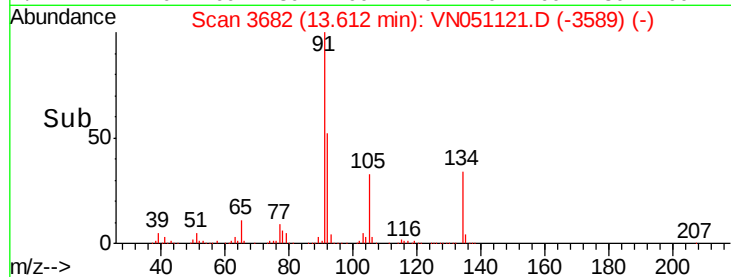
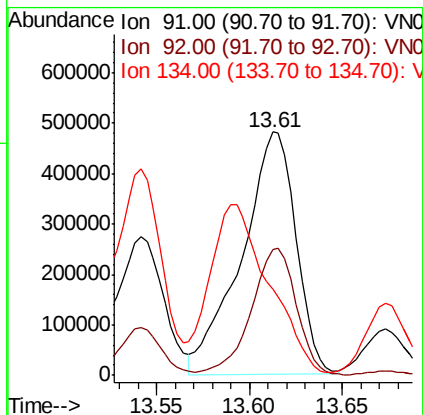
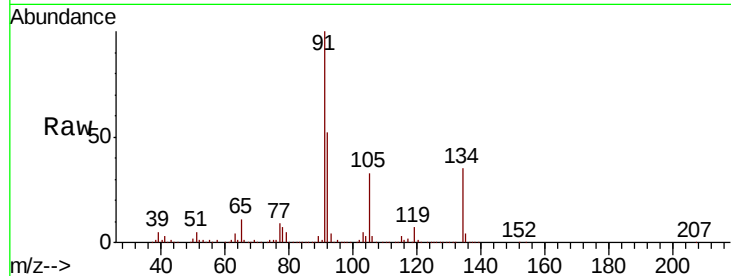




#89
n-Butylbenzene
Concen: 49.53 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

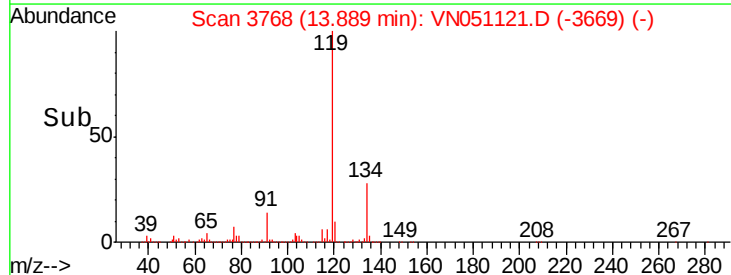
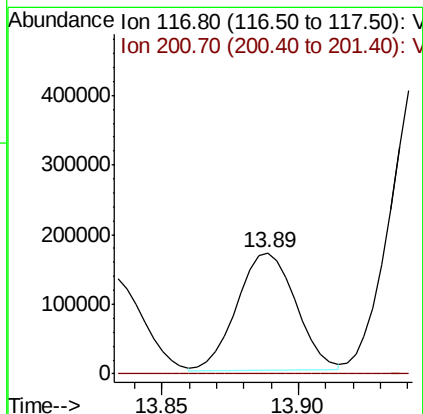
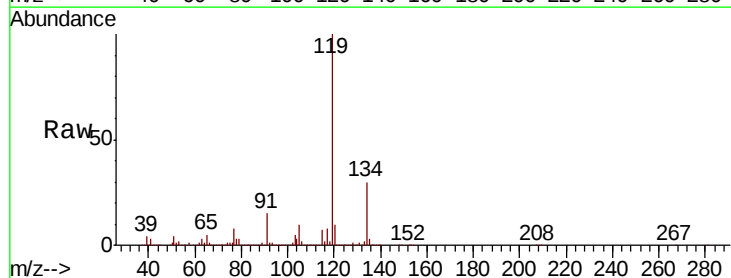
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-E

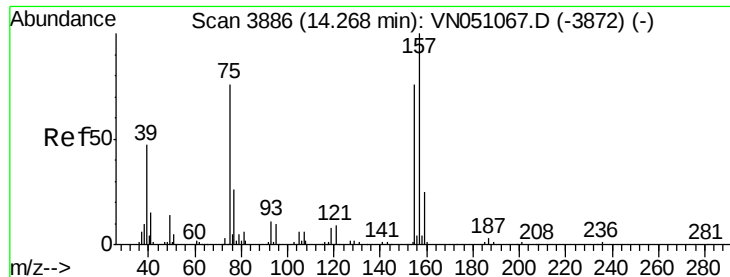
Tot Ion: 91 Resp: 977019
Ion Ratio Lower Upper
91 100
92 43.4 26.2 78.6
134 0.0 13.7 41.1#



#90
Hexachloroethane
Concen: 54.90 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051121.D
Acq: 11 Sep 2018 12:44

Tgt Ion: 117 Resp: 253045
Ion Ratio Lower Upper
117 100
201 0.0 47.3 142.0#

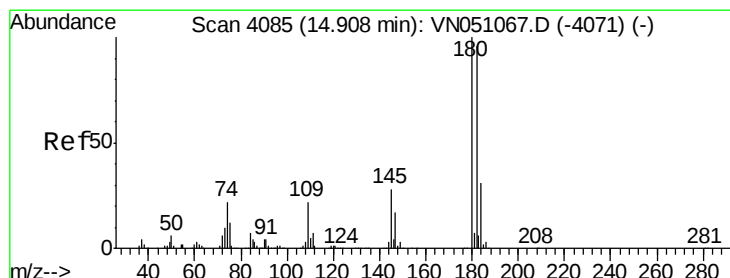
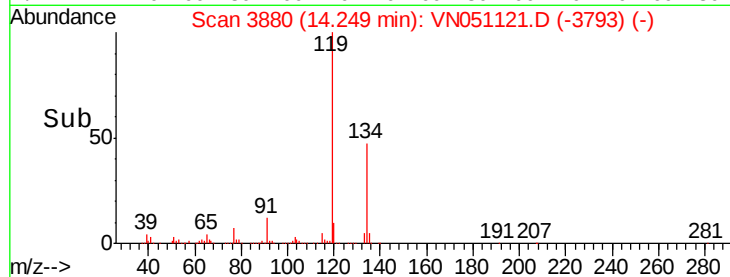
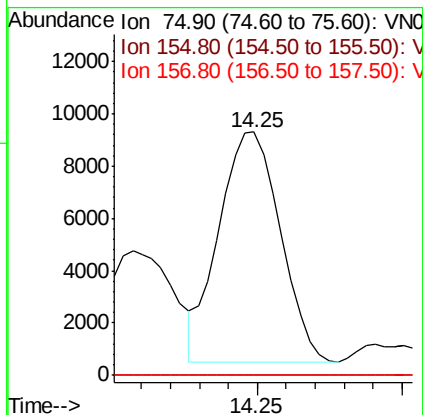
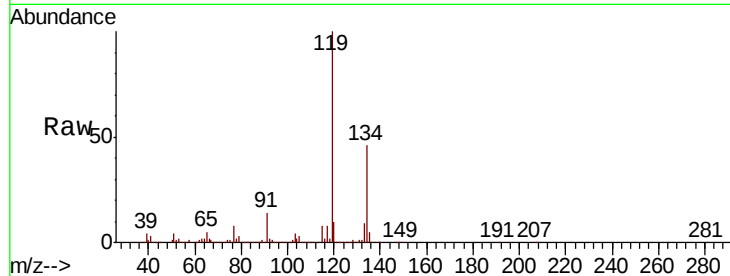




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.11 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN051121.D
 Acq: 11 Sep 2018 12:44

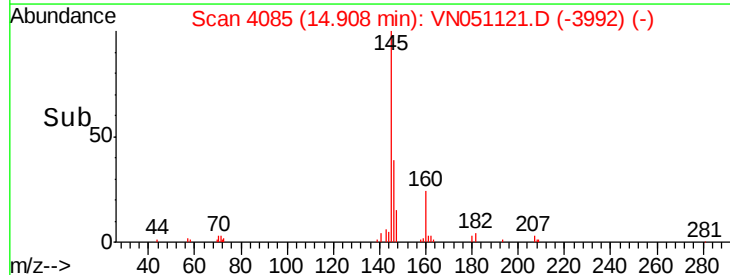
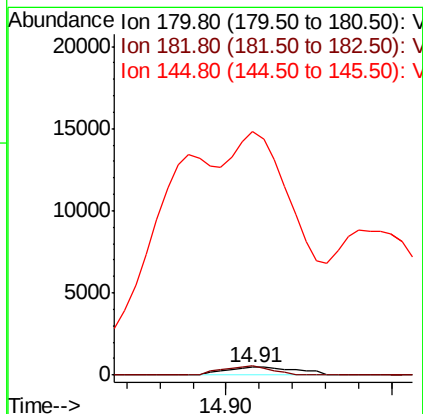
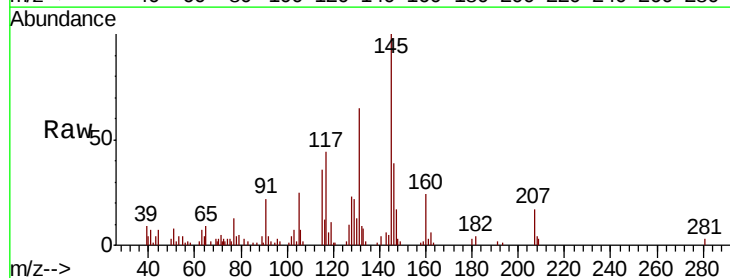
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-E

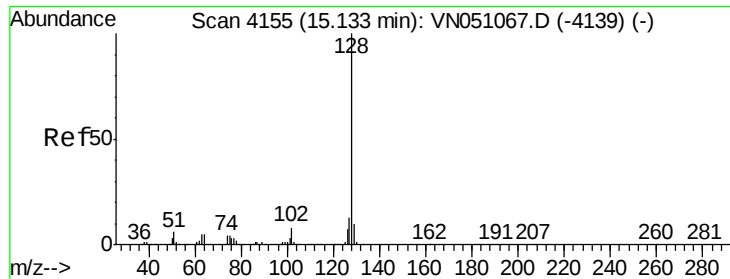
Tot Ion: 75 Resp: 12941
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 0.0 63.6 190.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.08 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN051121.D
 Acq: 11 Sep 2018 12:44

Tgt Ion: 180 Resp: 709
 Ion Ratio Lower Upper
 180 100
 182 79.5 47.3 141.8
 145 2132.0 14.2 42.6#





#95

Naphthalene

Concen: 14.44 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-E

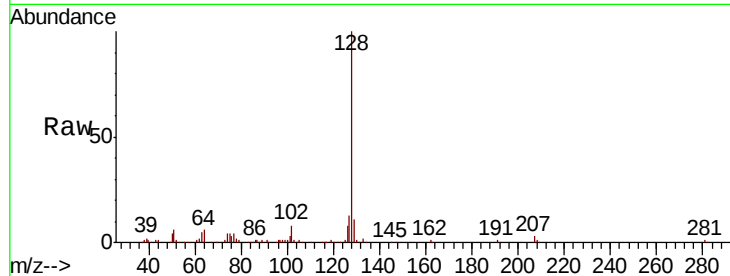
Tot Ion:128 Resp: 149114

Ion Ratio Lower Upper

128 100

127 12.3 10.6 15.8

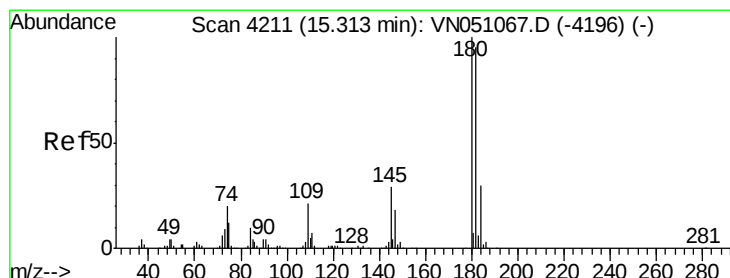
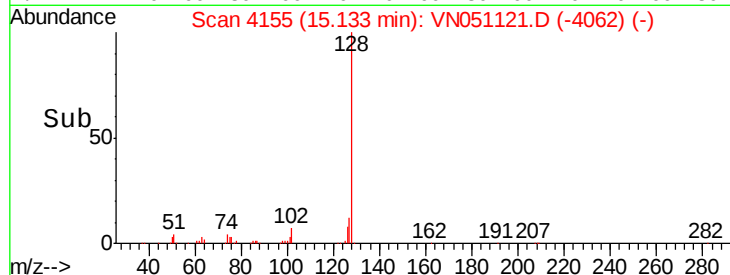
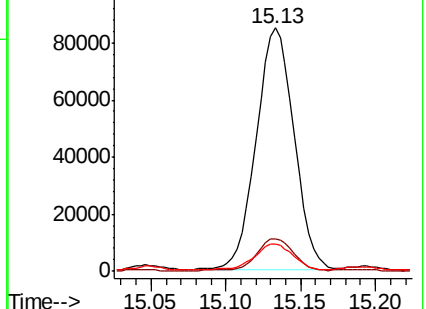
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.01 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051121.D

Acq: 11 Sep 2018 12:44

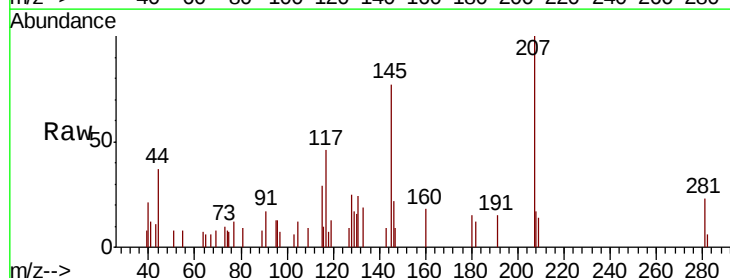
Tgt Ion:180 Resp: 426

Ion Ratio Lower Upper

180 100

182 94.6 47.8 143.3

145 2026.8 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

