

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051122.D
 Acq On : 11 Sep 2018 13:09
 Operator : MD\SY
 Sample : J4849-03DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-CDL

Quant Time: Sep 12 01:03:40 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	673208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1019697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	909884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	416107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	388381	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.59	113	377254	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	10.09	98	1420852	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.40	95	474621	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	3840	Below Cal		95
5) Bromomethane	2.57	94	1942	Below Cal		98
10) Methyl Iodide	3.95	142	881	5.74	ug/l #	44
11) Tert butyl alcohol	4.78	59	481	0.84	ug/l #	73
16) Acetone	3.82	43	3898	Below Cal		92
17) Carbon Disulfide	4.06	76	5996	0.40	ug/l #	87
18) Methyl Acetate	4.33	43	2893	0.48	ug/l #	68
25) 2-Butanone	6.85	43	1131	0.38	ug/l	93
31) Cyclohexane	7.66	56	17974	1.24	ug/l #	4
36) 1,1-Dichloropropene	7.67	75	43104	3.85	ug/l #	48
38) Carbon Tetrachloride	7.67	117	56434	5.12	ug/l #	17
39) Methylcyclohexane	9.08	83	22032	1.78	ug/l	99
43) Isopropyl Acetate	8.26	43	32683	2.86	ug/l #	50
55) 1,1,2-Trichloroethane	10.53	97	6951	0.93	ug/l #	18
56) Ethyl methacrylate	10.43	69	4307	2.86	ug/l #	34
59) 2-Hexanone	10.72	43	4550	1.06	ug/l #	21
67) Ethyl Benzene	11.51	91	72071	1.94	ug/l	95
68) m/p-Xylenes	11.63	106	340836	23.88	ug/l	100
69) o-Xylene	11.95	106	5098	0.37	ug/l	79
73) Isopropylbenzene	12.25	105	1481903	42.47	ug/l	99
74) N-amyl acetate	12.04	43	28693	3.27	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.48	83	6011	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.59	75	17336	1.24	ug/l #	100
78) n-propylbenzene	12.59	91	3166109	82.54	ug/l	99
79) 2-Chlorotoluene	12.69	91	105177	4.39	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	557249	19.75	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.25	75	15082	6.88	ug/l #	52
82) 4-Chlorotoluene	12.69	91	105177	4.42	ug/l #	40
83) tert-Butylbenzene	12.99	119	118113	4.74	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	7144279	257.54	ug/l	100
85) sec-Butylbenzene	13.17	105	548012	17.16	ug/l #	76
86) p-Isopropyltoluene	13.29	119	163400	6.03	ug/l	99
89) n-Butylbenzene	13.61	91	276911	13.14	ug/l #	73
90) Hexachloroethane	13.89	117	88506	17.55	ug/l #	2

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

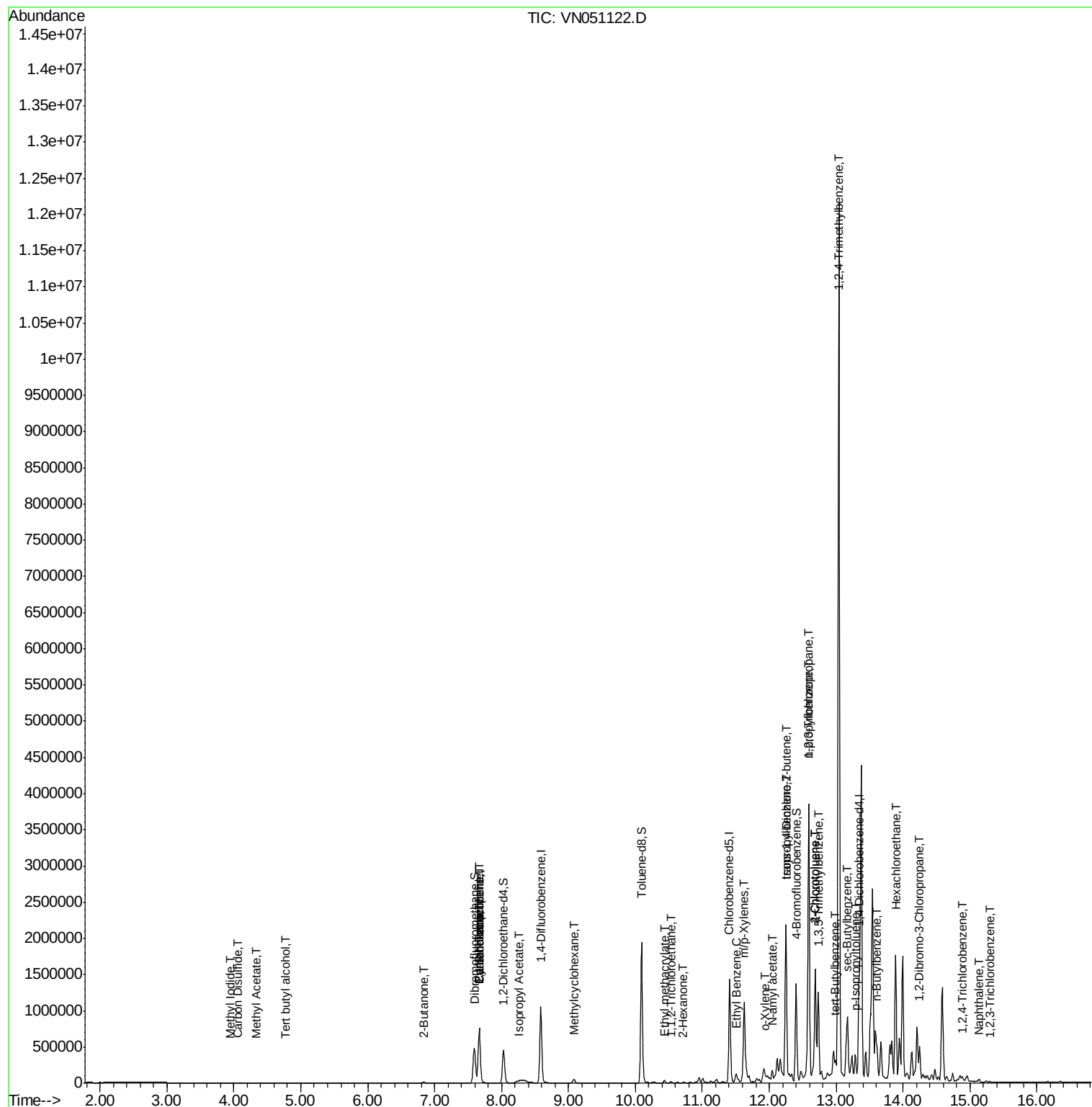
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1614	1.99	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	405	4.03	ug/l #	1
95) Naphthalene	15.13	128	35446	7.36	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	178	2.97	ug/l #	59

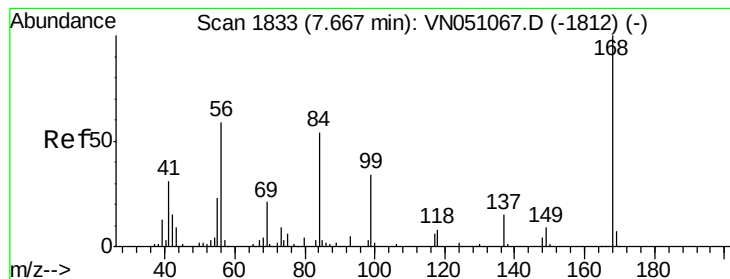
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091118\
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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: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampled :

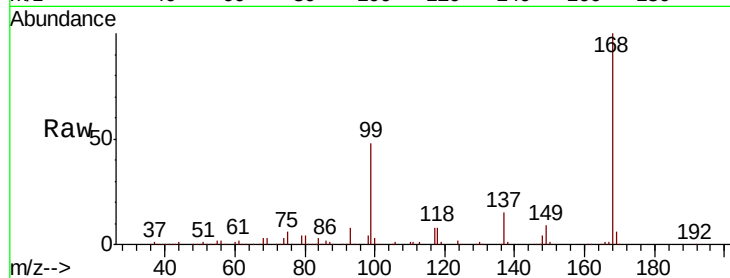
EP1-MW-CDL

Tot Ion:168 Resp: 673208

Ion Ratio Lower Upper

168 100

99 48.2 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

250000

200000

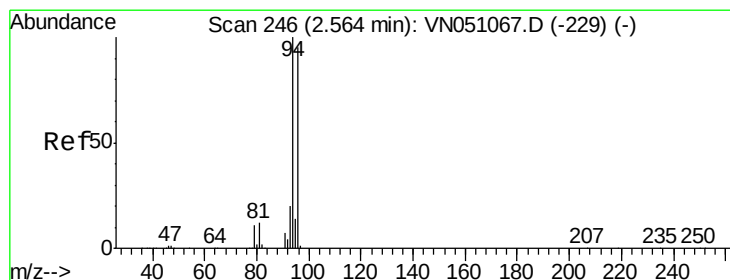
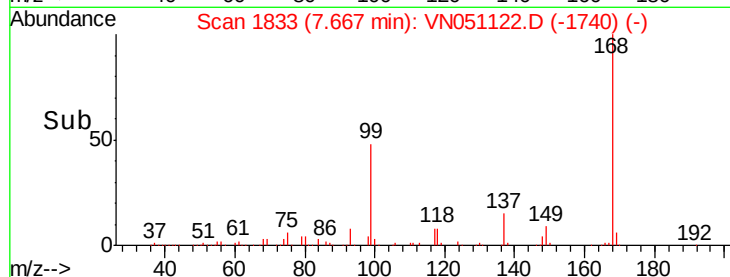
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051122.D

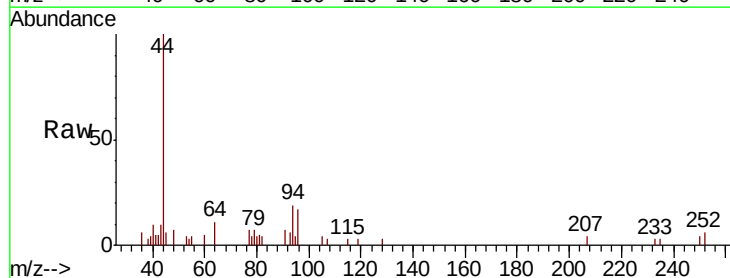
Acq: 11 Sep 2018 13:09

Tgt Ion: 94 Resp: 1942

Ion Ratio Lower Upper

94 100

96 93.3 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) (-)

2.57

1000

800

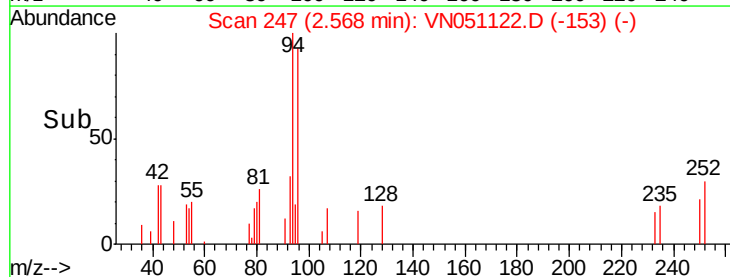
600

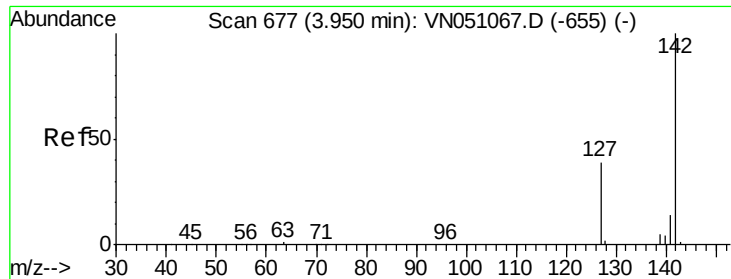
400

200

0

Time-->

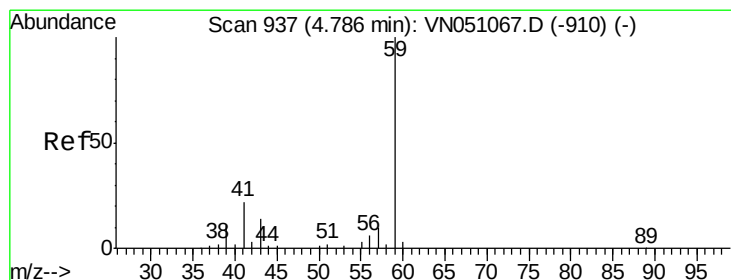
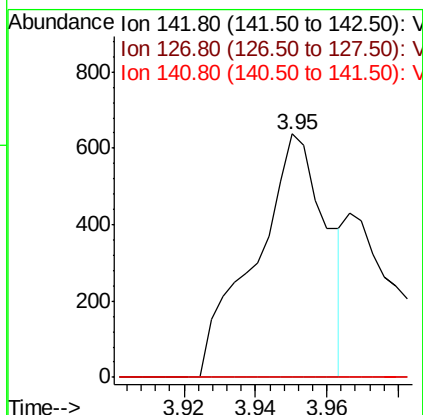
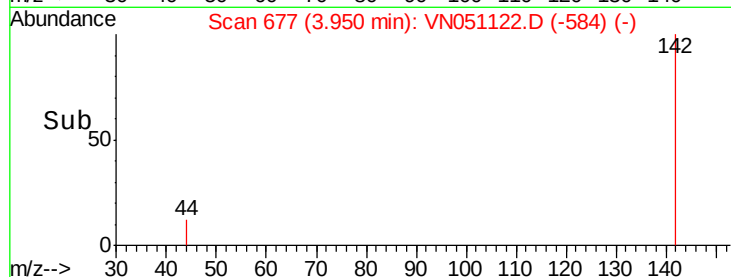
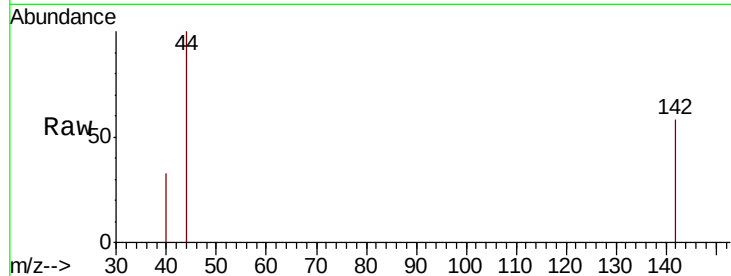




#10
Methvl Iodide
Concen: 5.74 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

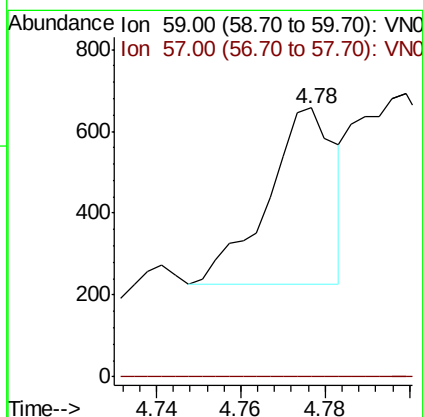
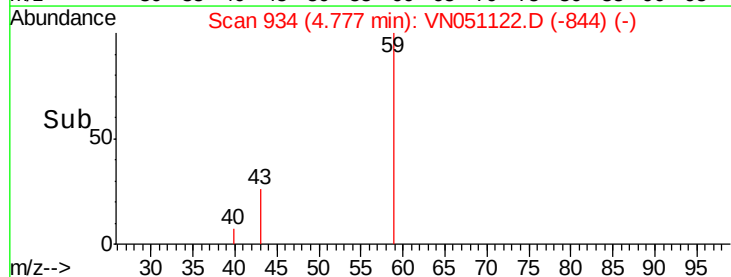
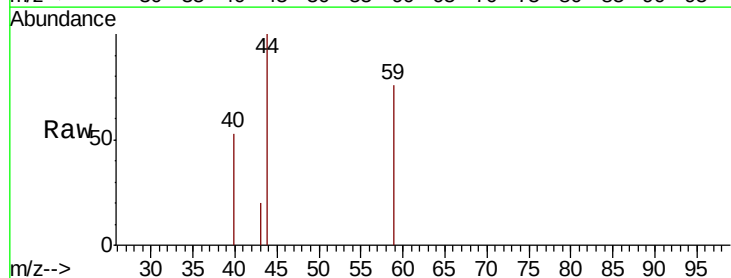
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

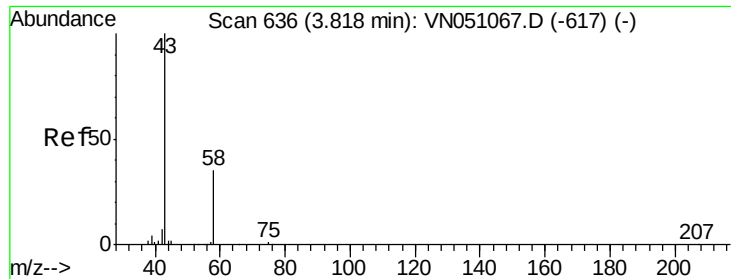
Tot Ion:142 Resp: 881
Ion Ratio Lower Upper
142 100
127 0.0 31.0 46.4#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.84 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.01 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

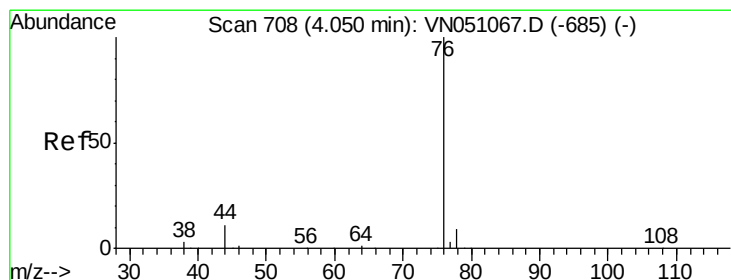
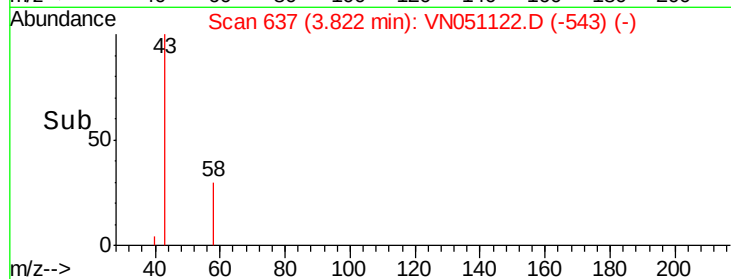
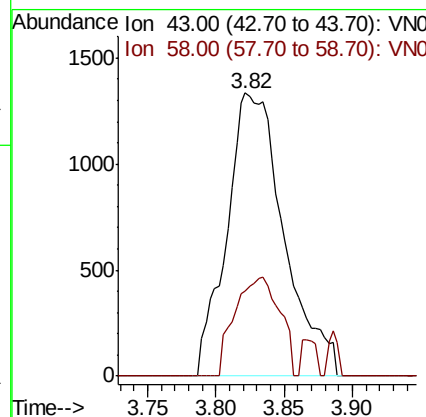
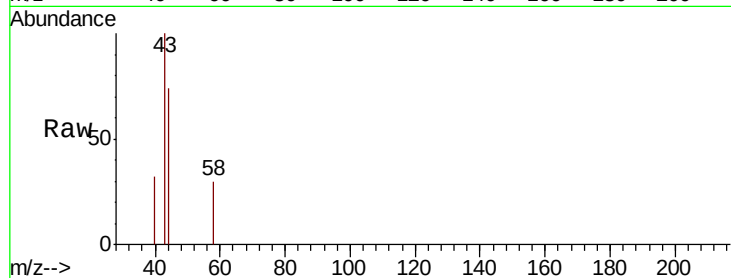




#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

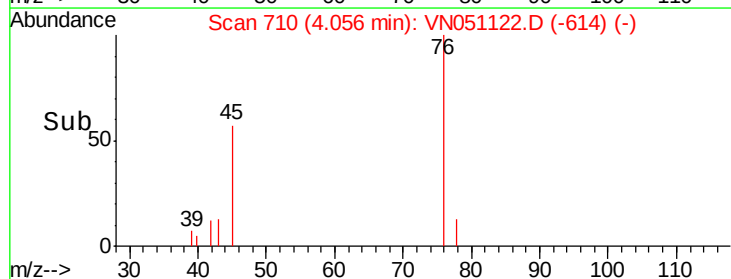
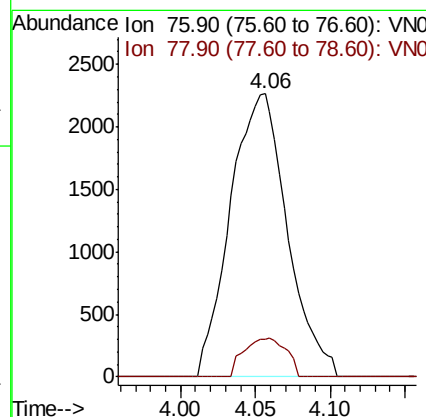
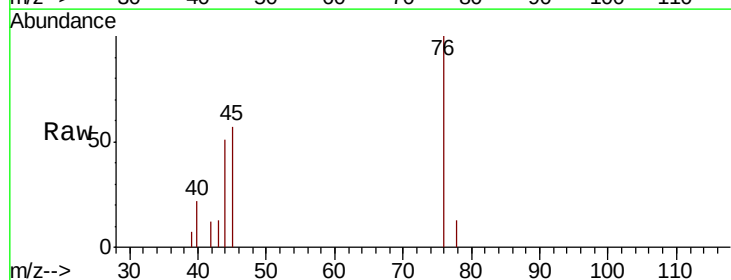
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

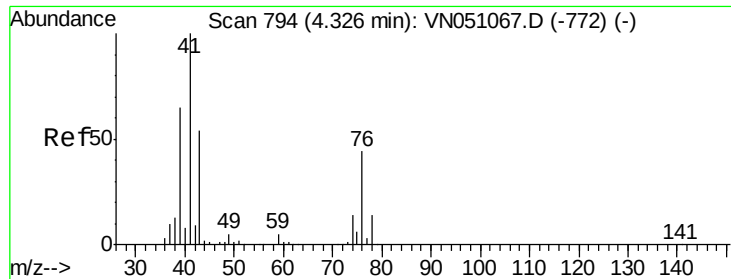
Tot Ion: 43 Resp: 3898
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.6



#17
Carbon Disulfide
Concen: 0.40 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.01 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion: 76 Resp: 5996
Ion Ratio Lower Upper
76 100
78 13.5 7.0 10.6#

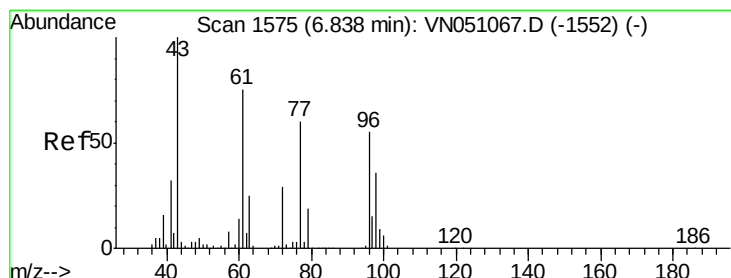
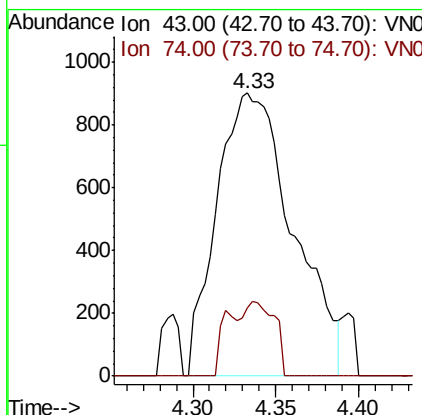
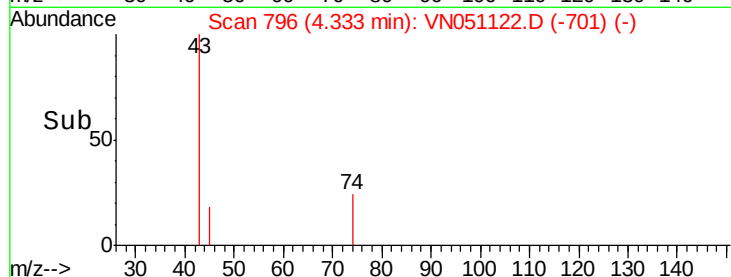
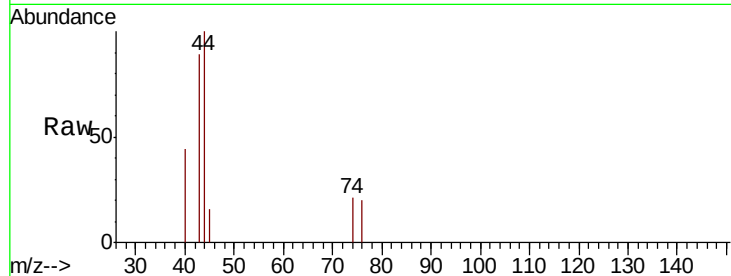




#18
Methyl Acetate
Concen: 0.48 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

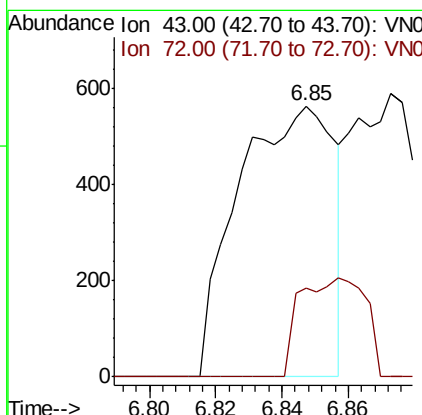
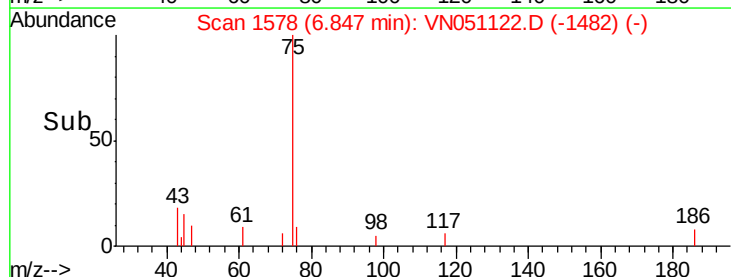
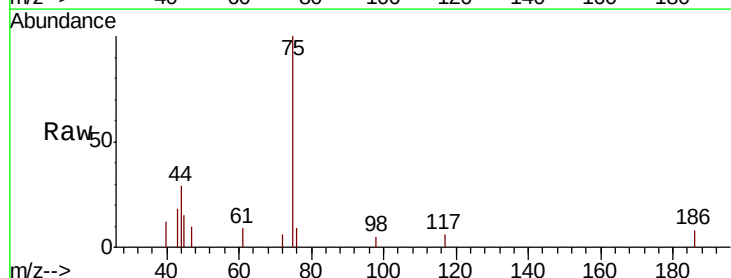
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-CDL

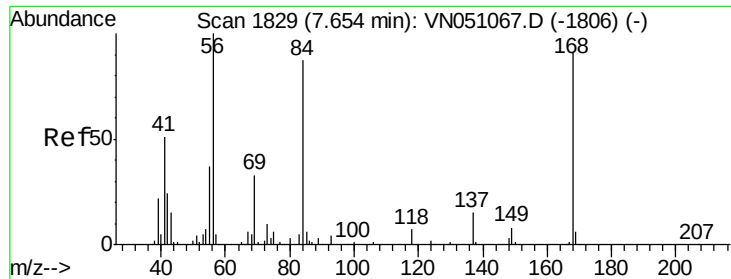
Tot Ion: 43 Resp: 2893
Ion Ratio Lower Upper
43 100
74 9.8 20.7 31.1#



#25
2-Butanone
Concen: 0.38 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
72 32.6 23.0 34.6

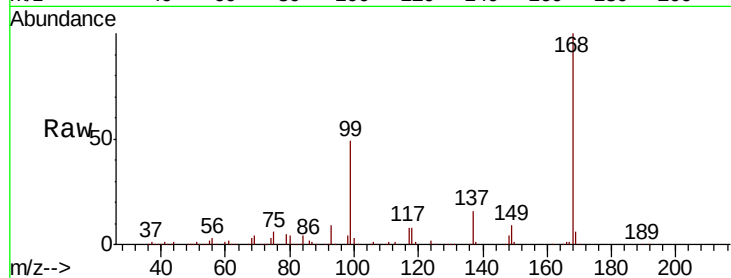




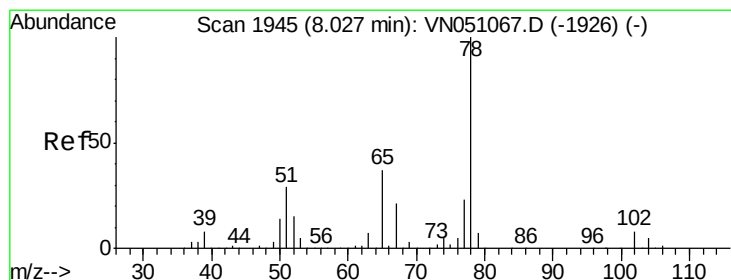
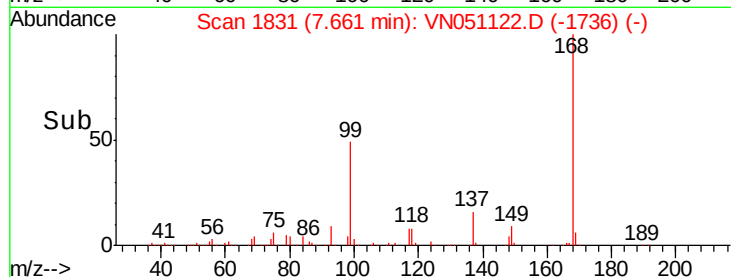
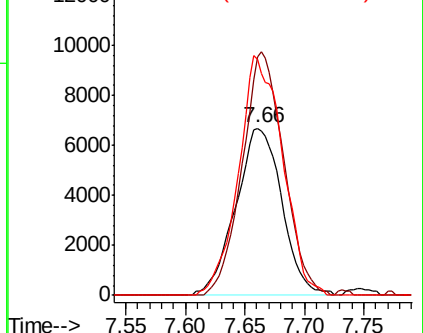
#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

Tot Ion: 56 Resp: 17974
Ion Ratio Lower Upper
56 100
69 142.5 26.3 39.5#
84 141.3 69.4 104.0#

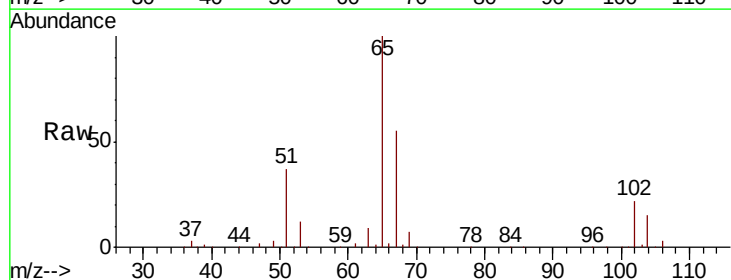


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

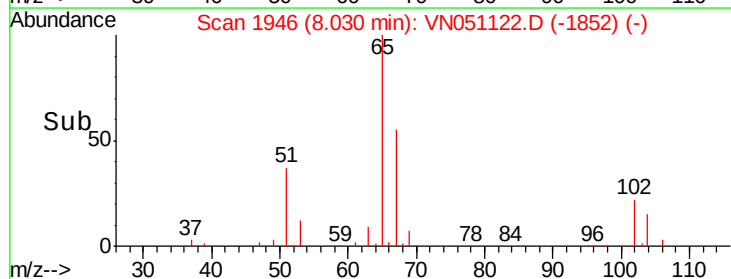
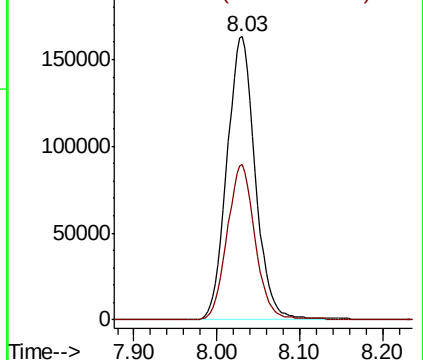


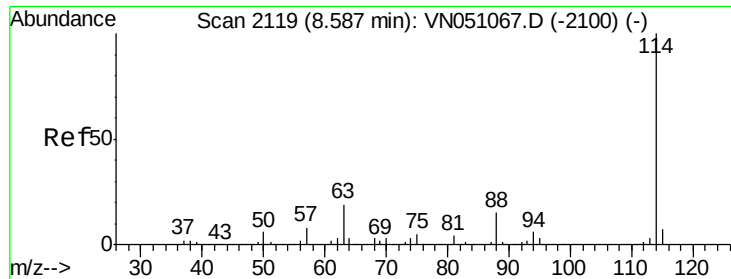
#33
1,2-Dichloroethane-d4
Concen: 51.84 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion: 65 Resp: 388381
Ion Ratio Lower Upper
65 100
67 53.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

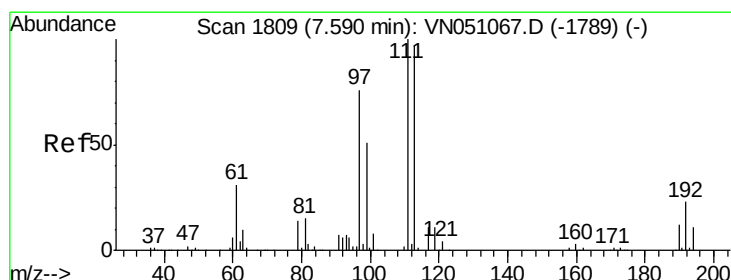
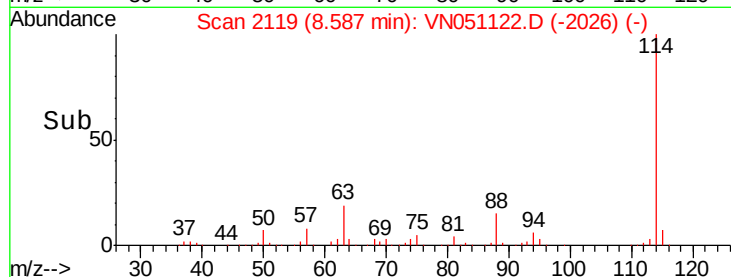
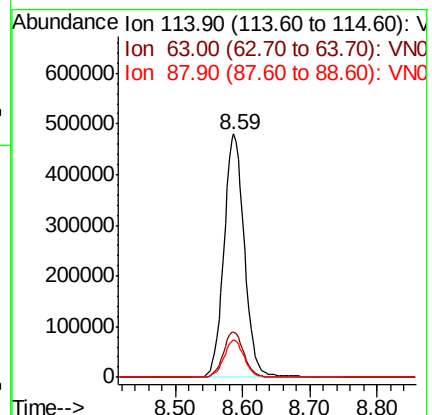
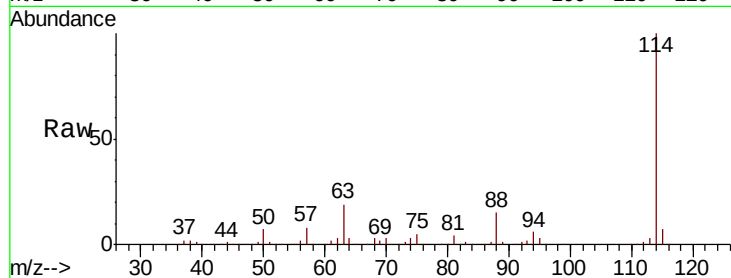




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

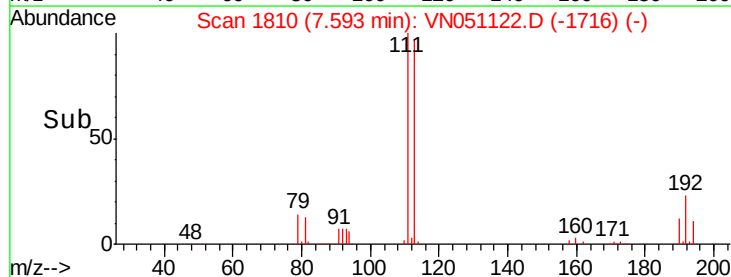
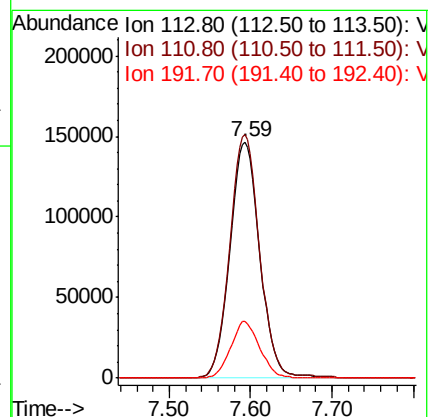
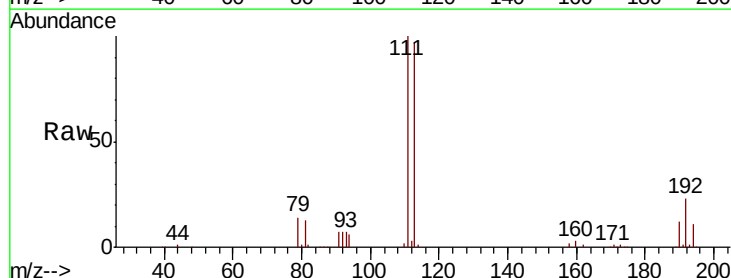
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

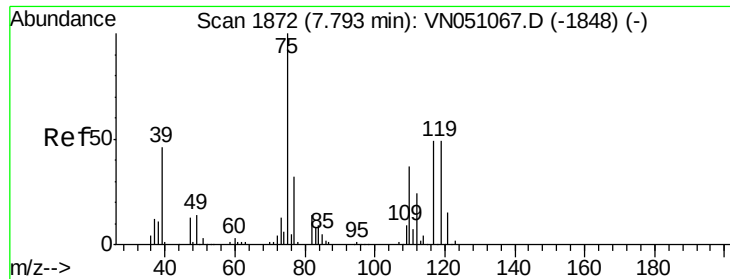
Tot Ion:114 Resp: 1019697
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.8
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 49.24 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion:113 Resp: 377254
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 23.2 18.7 28.1

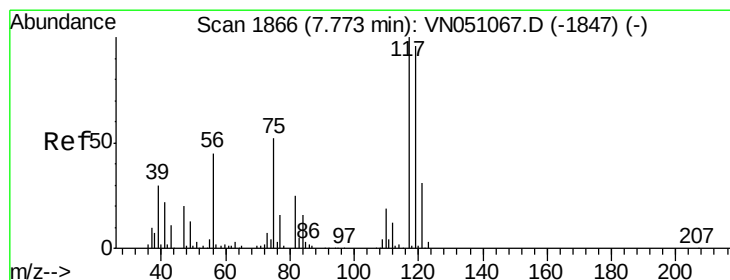
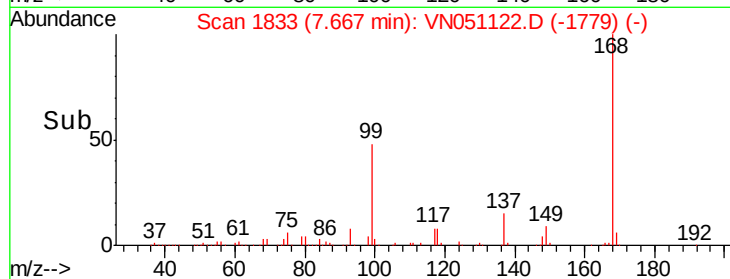
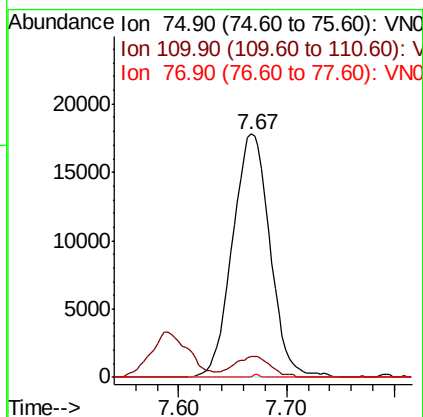
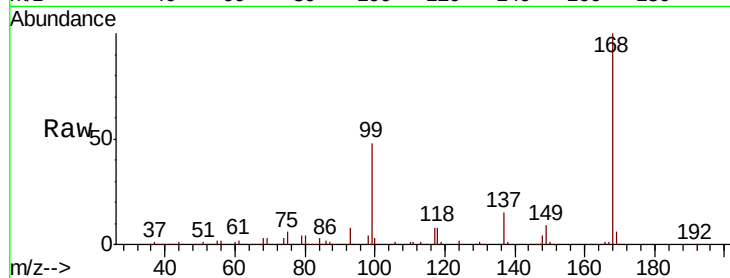




#36
 1,1-Dichloropropene
 Concen: 3.85 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

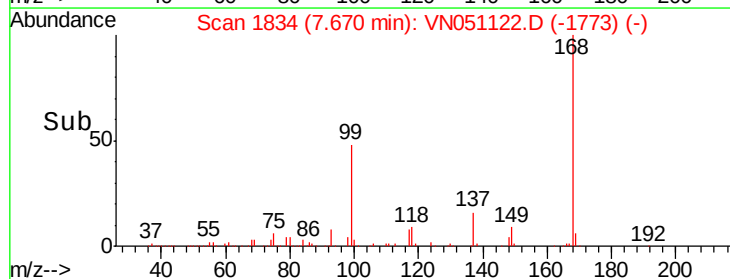
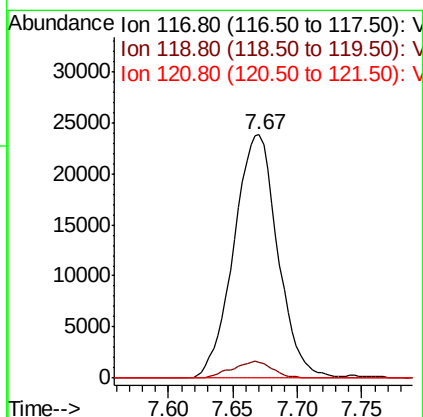
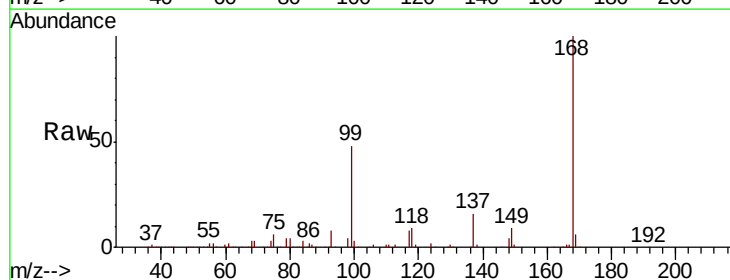
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-CDL

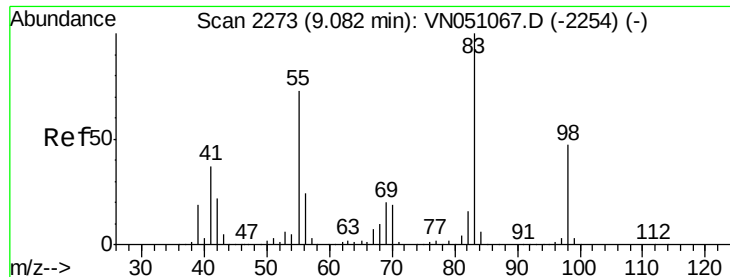
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.6	55.8#
77	0.2	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.12 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.10 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.8	115.2#
121	0.0	24.6	36.8#

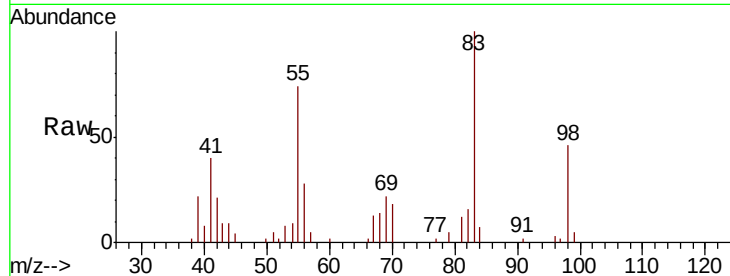




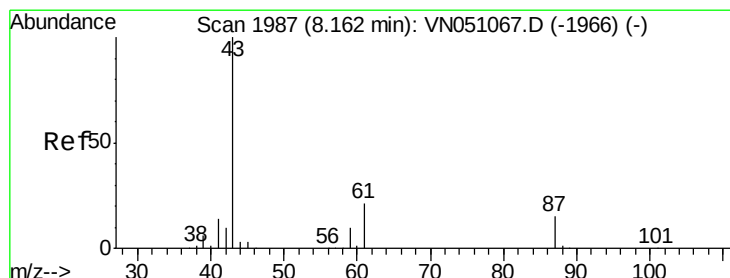
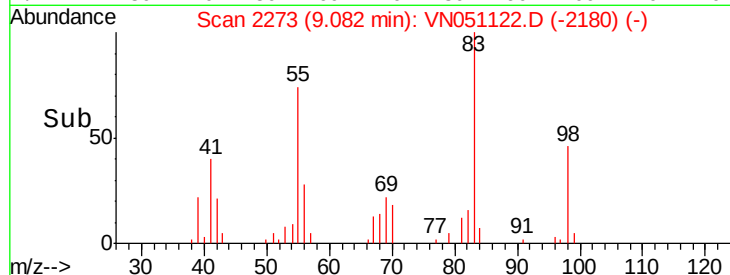
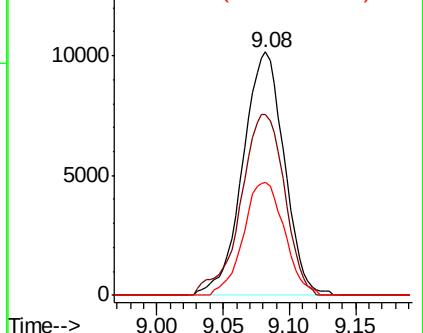
#39
Methylvlcyclohexane
Concen: 1.78 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

Tot Ion: 83 Resp: 22032
Ion Ratio Lower Upper
83 100
55 74.1 58.4 87.6
98 46.2 37.3 55.9

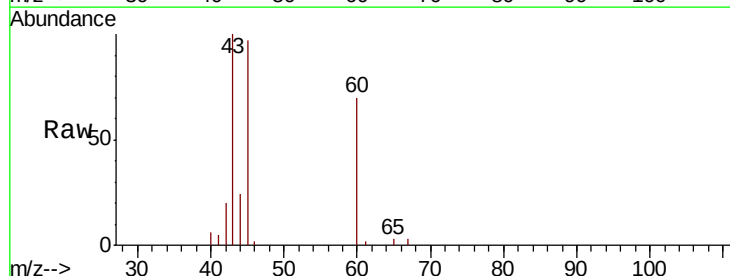


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

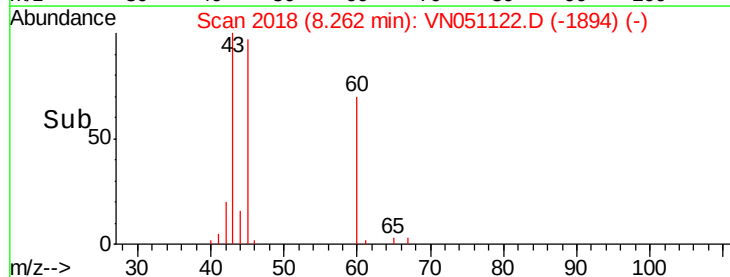
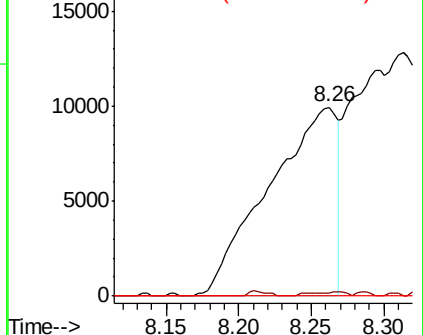


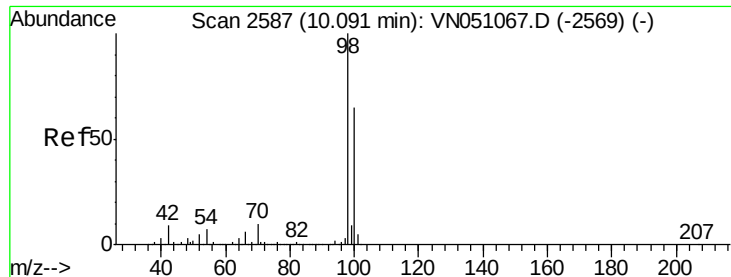
#43
Isopropyl Acetate
Concen: 2.86 ug/l
RT: 8.26 min Scan# 2018
Delta R.T. 0.10 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion: 43 Resp: 32683
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): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 48.87 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampleId :

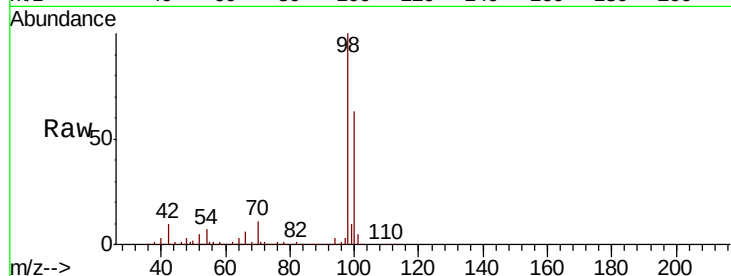
EP1-MW-CDL

Tot Ion: 98 Resp: 1420852

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



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

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

10.09

800000

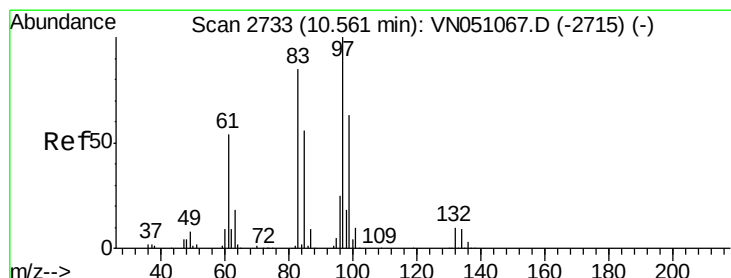
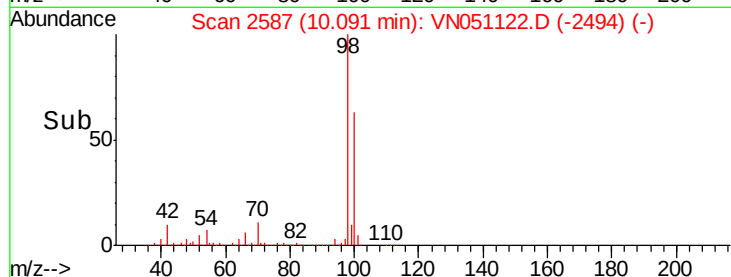
600000

400000

200000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.93 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Tgt Ion: 97 Resp: 6951

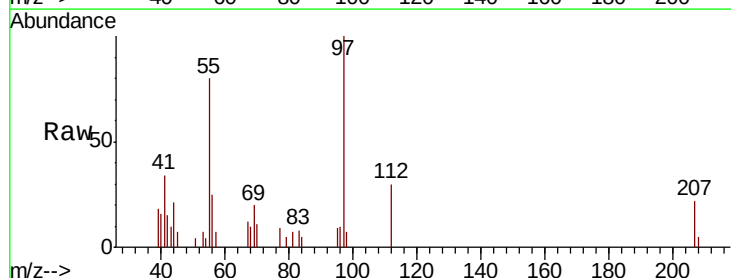
Ion Ratio Lower Upper

97 100

83 7.5 68.2 102.2#

85 0.0 44.8 67.2#

99 0.0 50.2 75.4#



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

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

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

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

10.53

6000

5000

4000

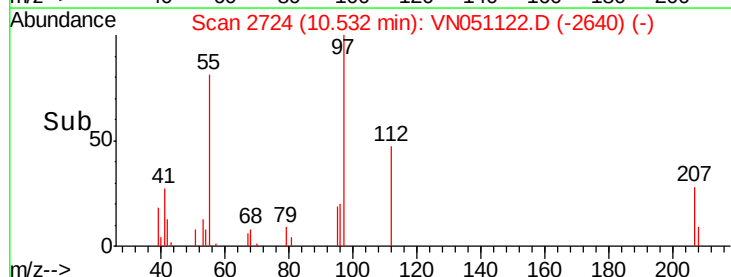
3000

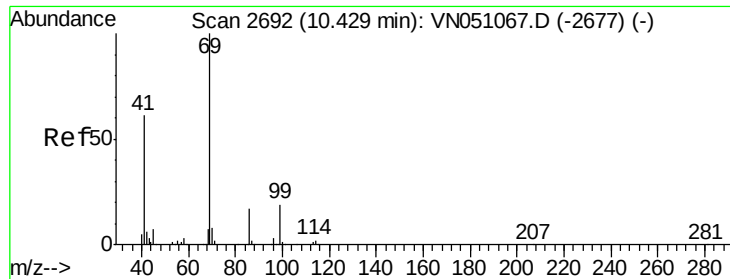
2000

1000

0

Time-->





#56

Ethyl methacrylate

Concen: 2.86 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-CDL

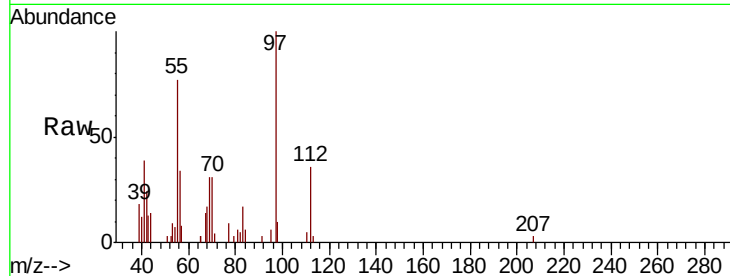
Tot Ion: 69 Resp: 4307

Ion Ratio Lower Upper

69 100

41 115.5 47.8 71.8#

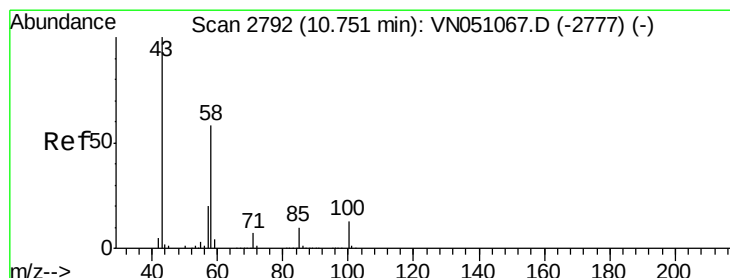
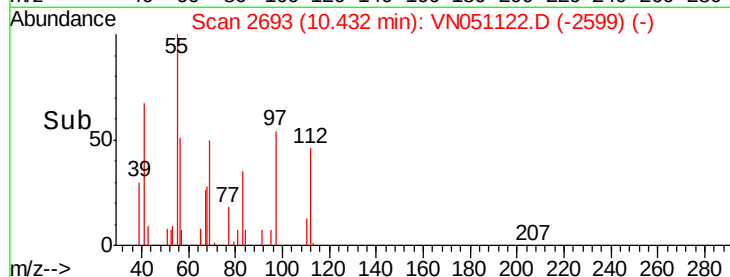
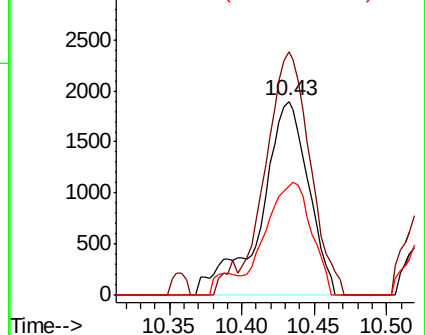
39 55.3 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 1.06 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN051122.D

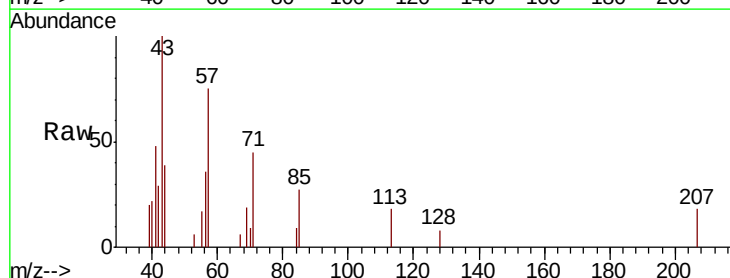
Acq: 11 Sep 2018 13:09

Tgt Ion: 43 Resp: 4550

Ion Ratio Lower Upper

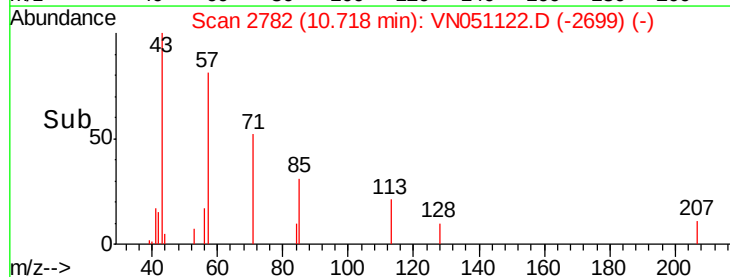
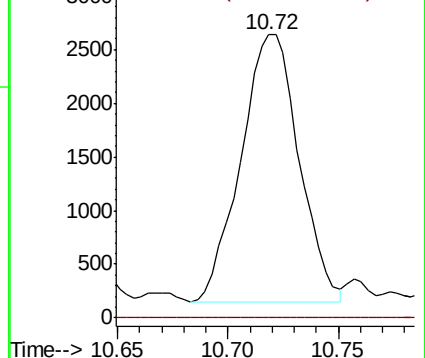
43 100

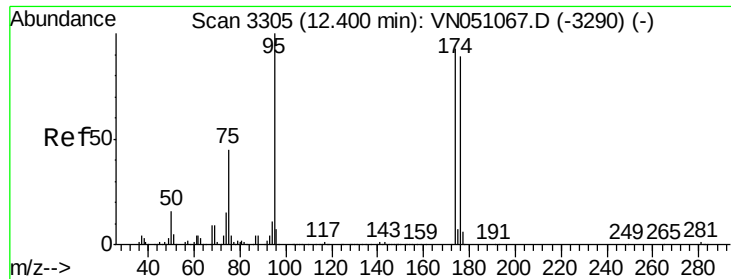
58 0.0 29.3 88.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

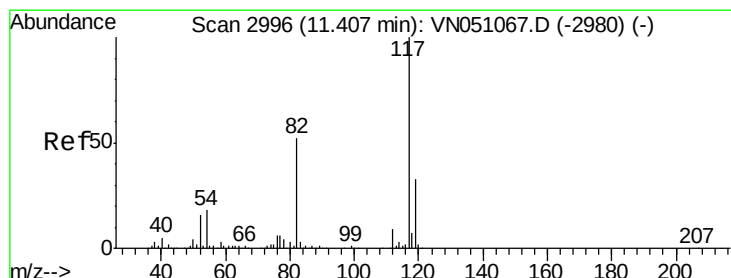
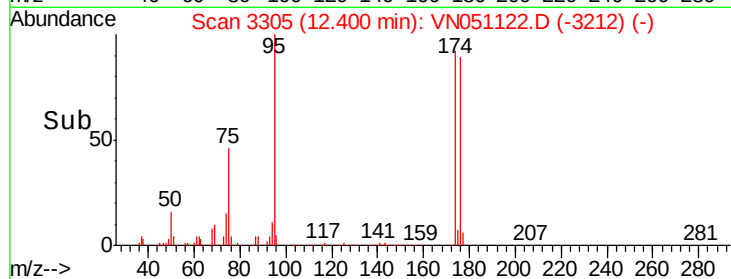
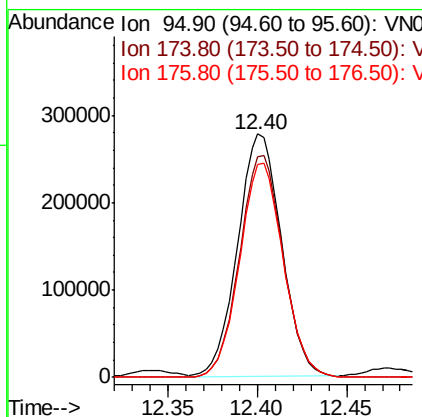
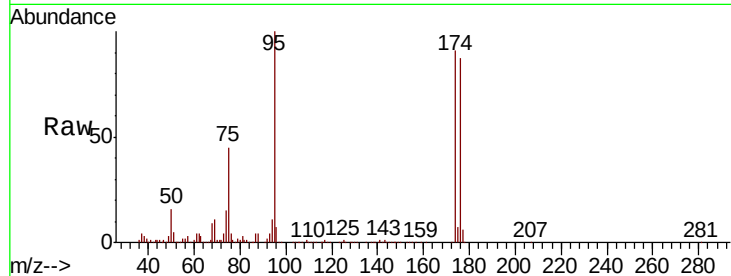




#62
4-Bromofluorobenzene
Concen: 49.35 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

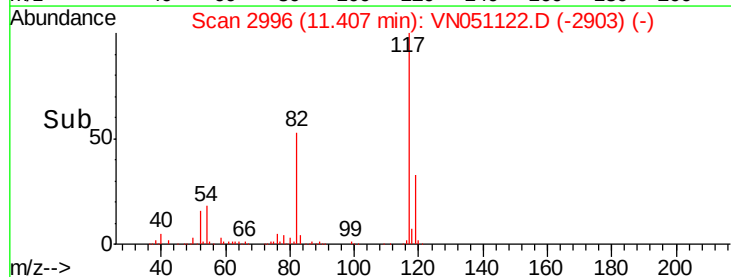
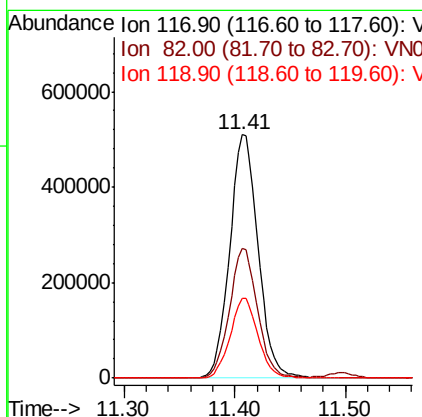
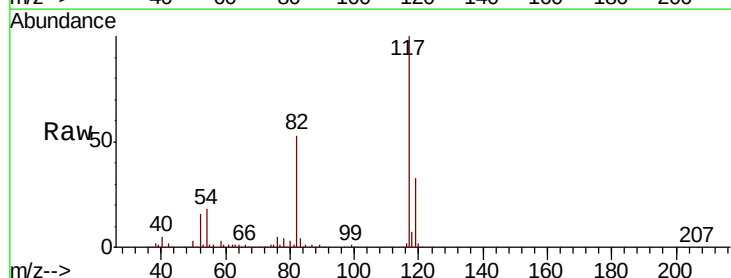
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-CDL

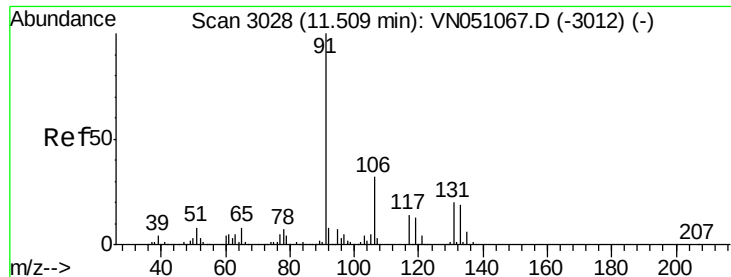
Tot Ion: 95 Resp: 474621
Ion Ratio Lower Upper
95 100
174 91.6 0.0 184.8
176 88.7 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion: 117 Resp: 909884
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 32.6 26.2 39.2

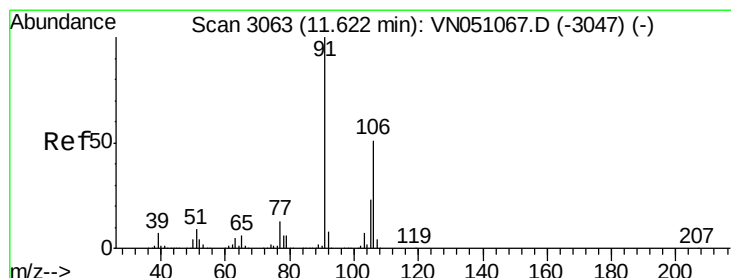
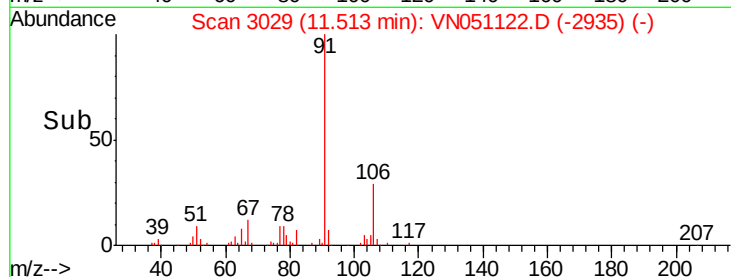
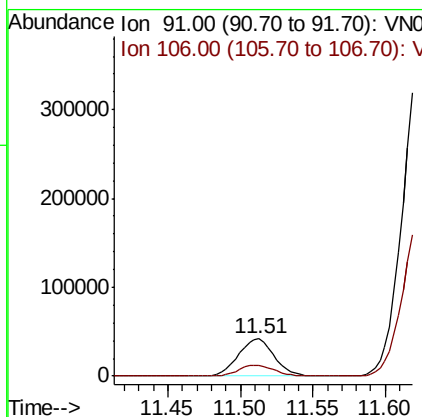
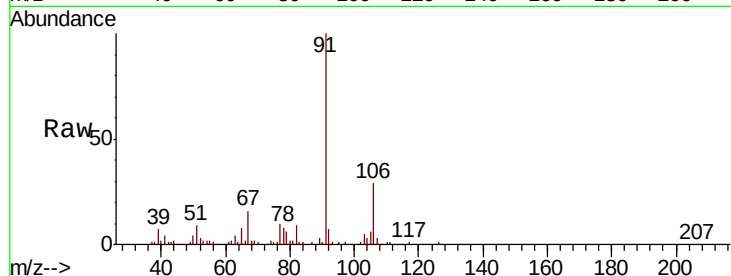




#67
Ethyl Benzene
Concen: 1.94 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

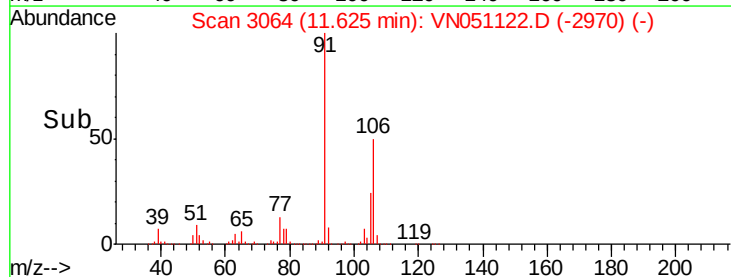
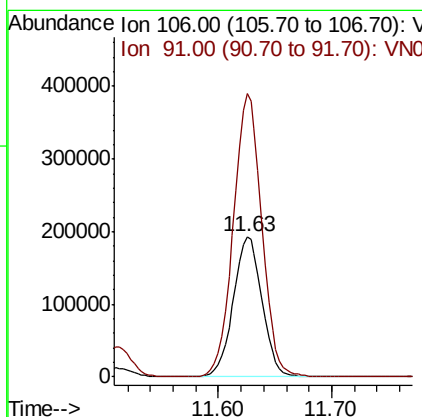
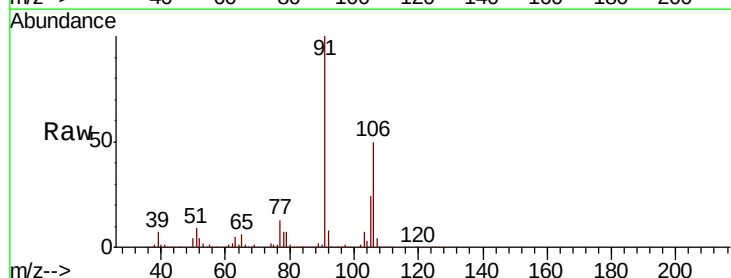
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-CDL

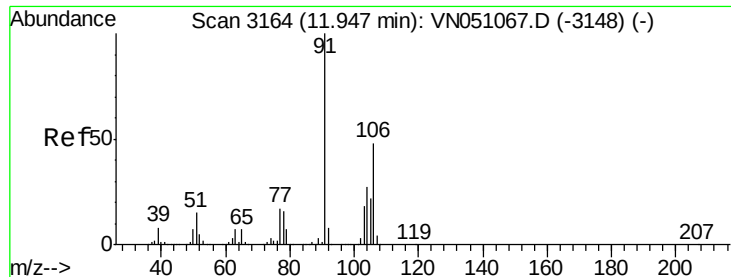
Tot Ion: 91 Resp: 72071
Ion Ratio Lower Upper
91 100
106 29.1 25.4 38.2



#68
m/p-Xylenes
Concen: 23.88 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion: 106 Resp: 340836
Ion Ratio Lower Upper
106 100
91 200.0 159.8 239.6

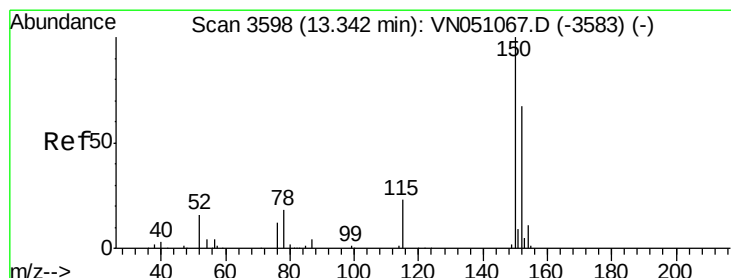
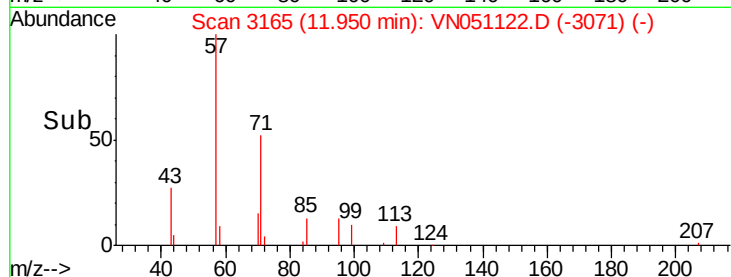
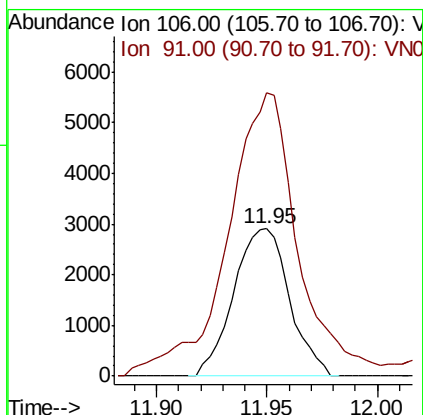
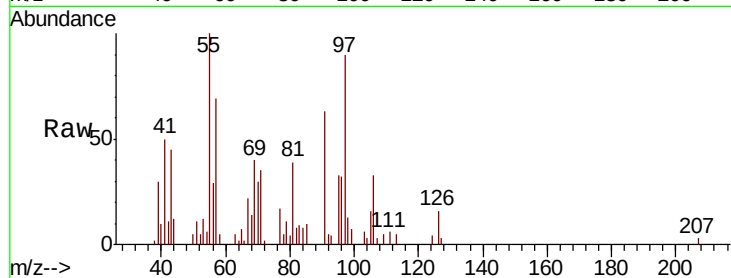




#69
o-Xylene
Concen: 0.37 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

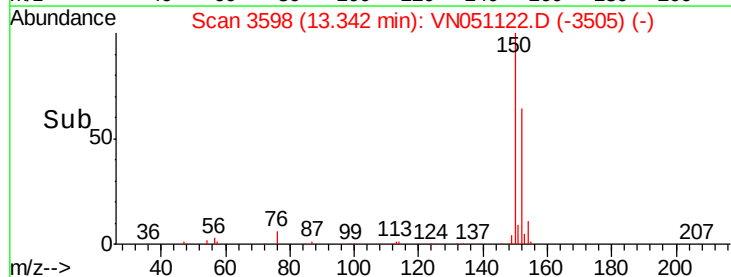
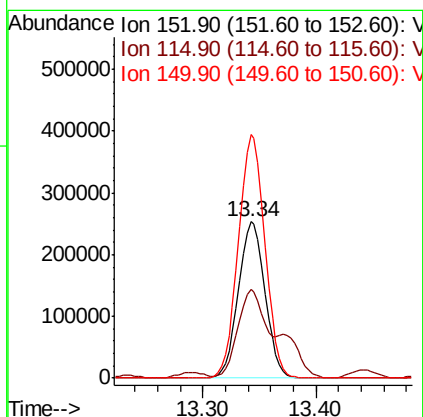
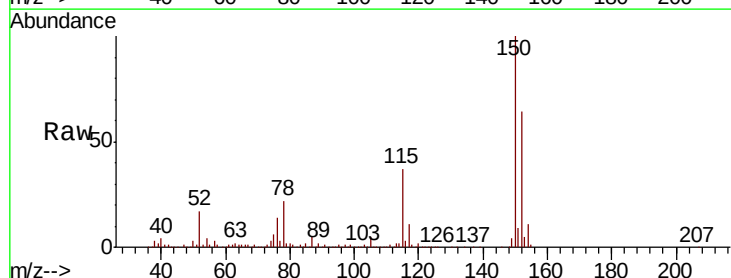
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-CDL

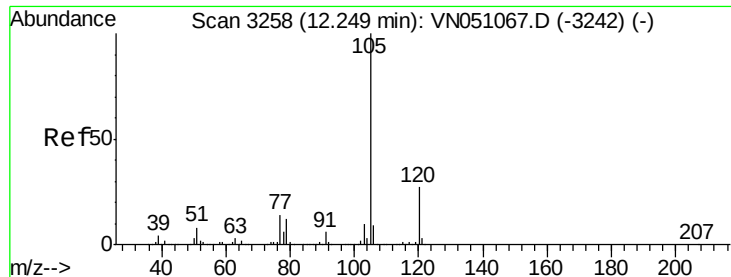
Tot Ion:106 Resp: 5098
Ion Ratio Lower Upper
106 100
91 243.6 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN051122.D
Acq: 11 Sep 2018 13:09

Tgt Ion:152 Resp: 416107
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 155.0 0.0 349.0





#73

Isopropylbenzene

Concen: 42.47 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampled :

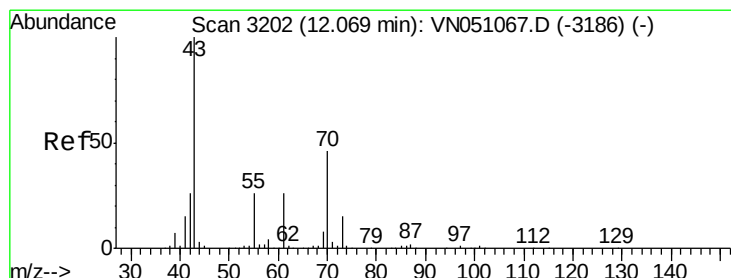
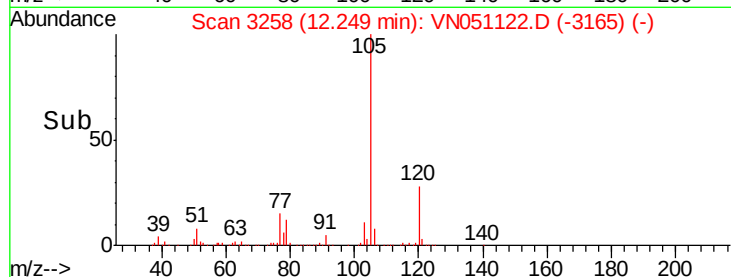
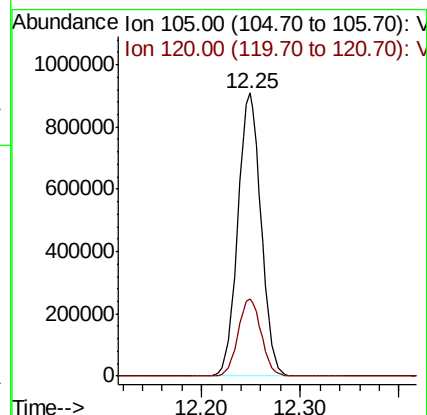
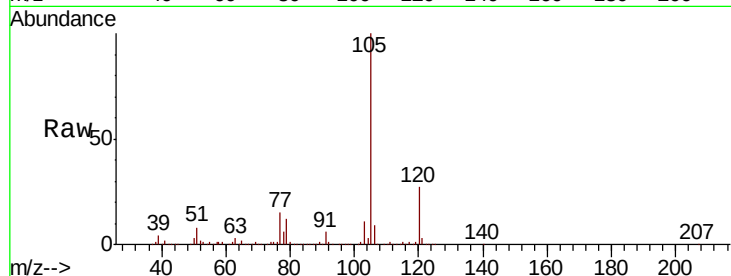
EP1-MW-CDL

Tot Ion:105 Resp: 1481903

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 3.27 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Tgt Ion: 43 Resp: 28693

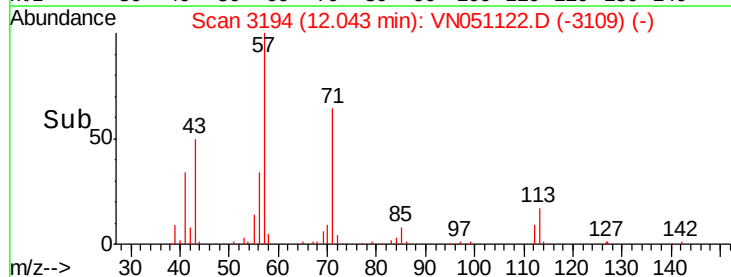
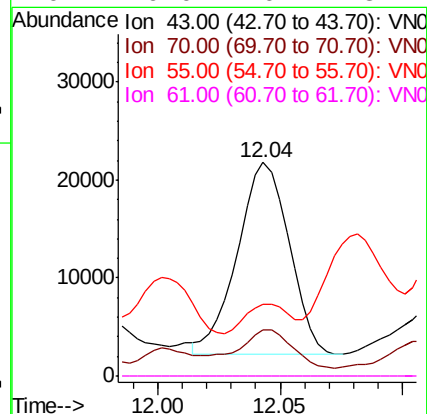
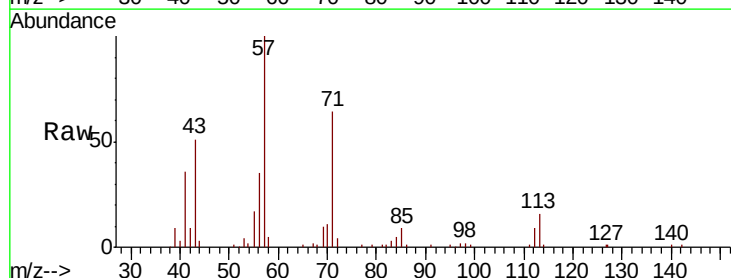
Ion Ratio Lower Upper

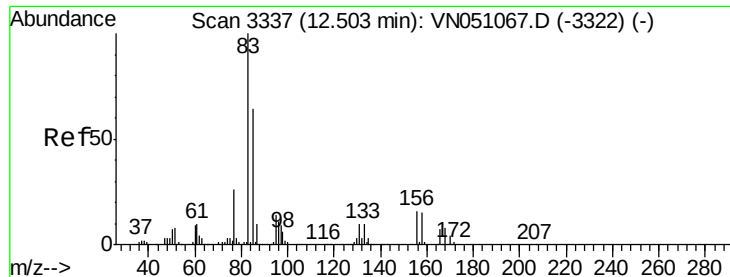
43 100

70 18.5 37.0 55.4#

55 14.5 21.3 31.9#

61 0.0 20.7 31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.48 min Scan# 3329

Delta R.T. -0.02 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-CDL

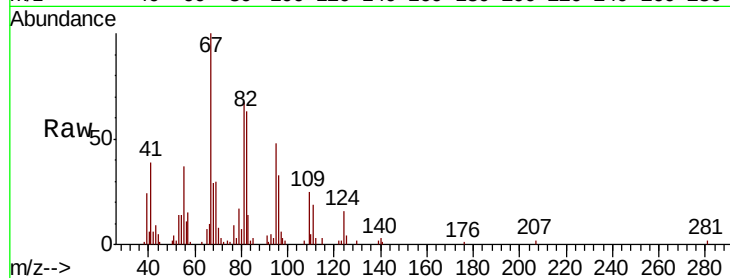
Tot Ion: 83 Resp: 6011

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.3 96.8#

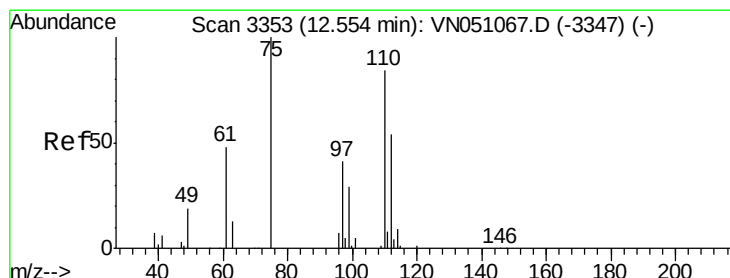
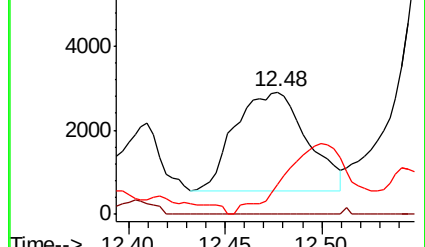
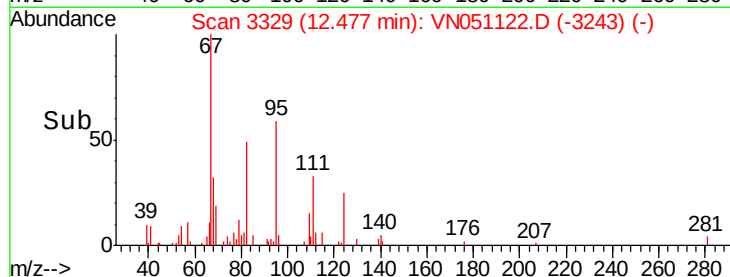


Abundance Ion 82.90 (82.60 to 83.60): VN051122.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN051122.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN051122.D (-3322) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.24 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN051122.D

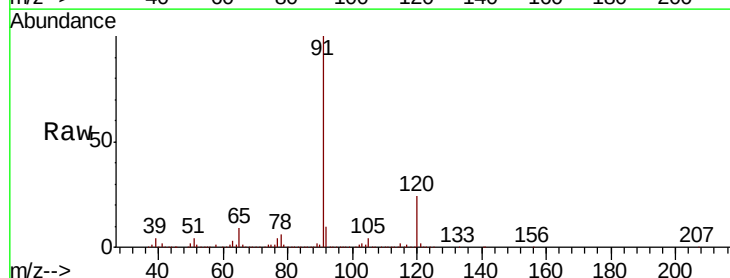
Acq: 11 Sep 2018 13:09

Tgt Ion: 75 Resp: 17336

Ion Ratio Lower Upper

75 100

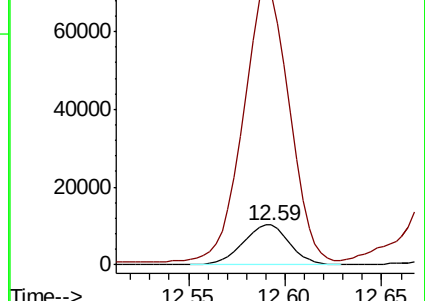
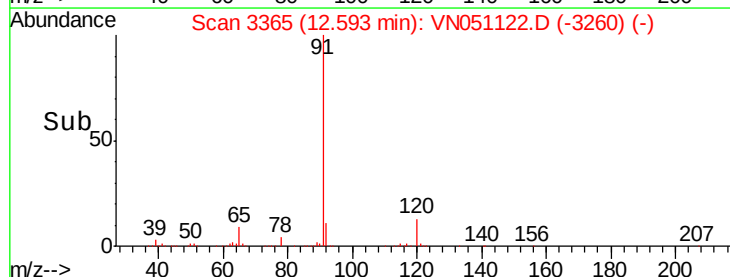
77 672.8 0.0 0.0#

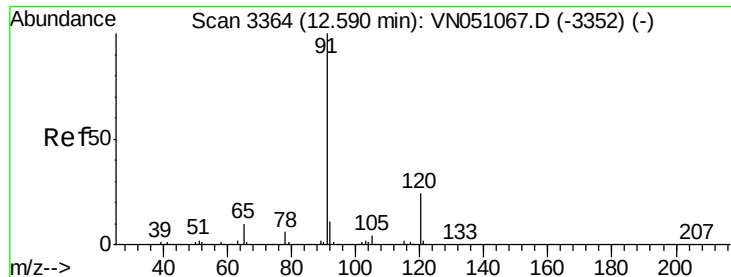


Abundance Ion 74.90 (74.60 to 75.60): VN051122.D (-3365) (-)

Ion 77.00 (76.70 to 77.70): VN051122.D (-3365) (-)

Time-->





#78

n-propylbenzene

Concen: 82.54 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampled :

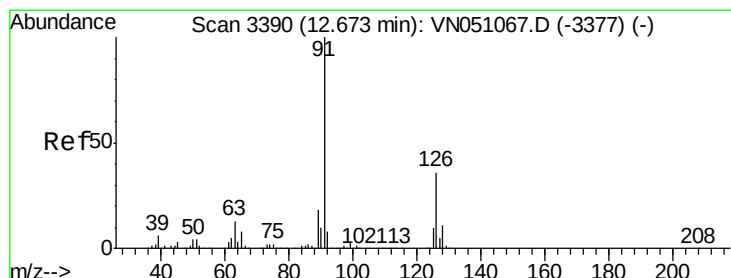
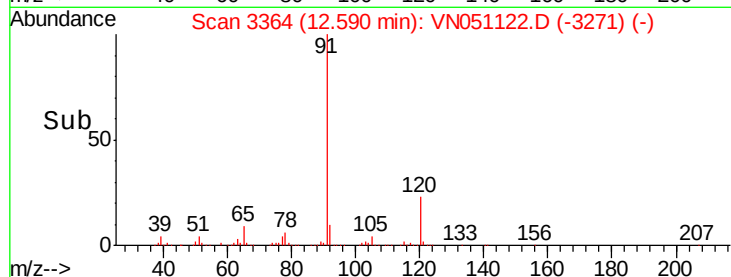
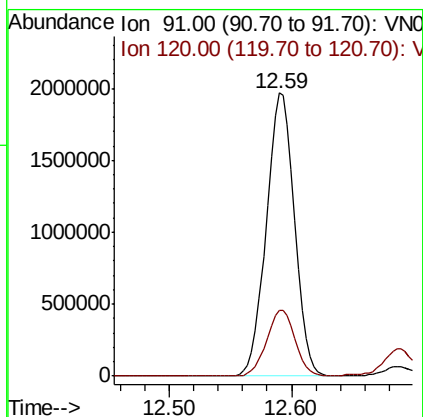
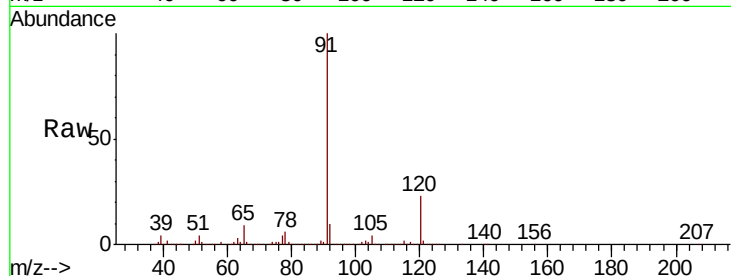
EP1-MW-CDL

Tot Ion: 91 Resp: 3166109

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.0



#79

2-Chlorotoluene

Concen: 4.39 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN051122.D

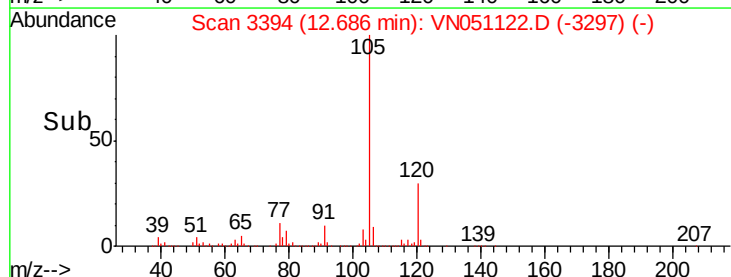
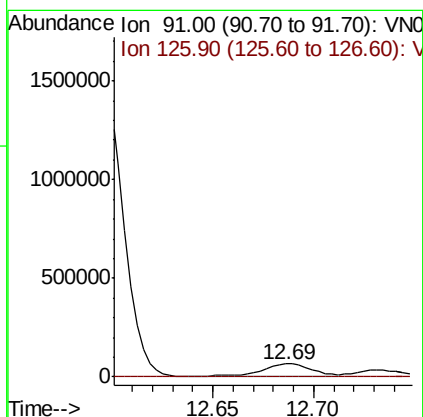
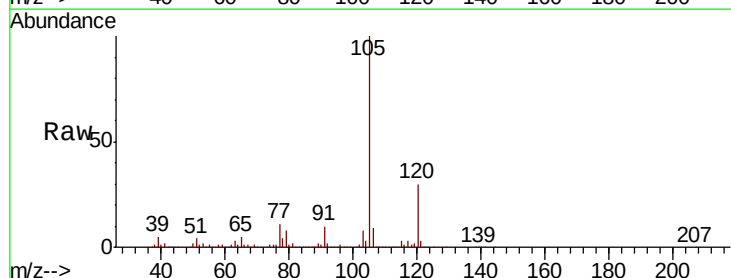
Acq: 11 Sep 2018 13:09

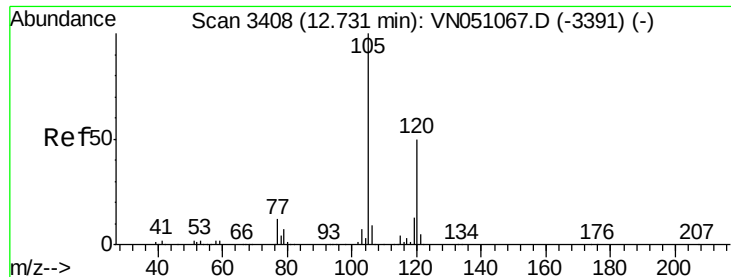
Tgt Ion: 91 Resp: 105177

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#

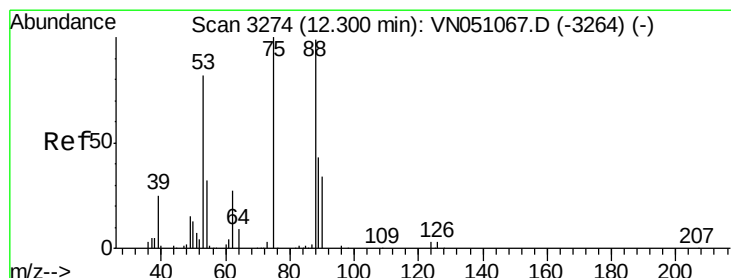
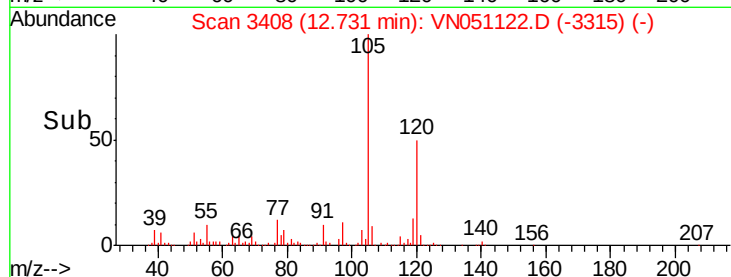
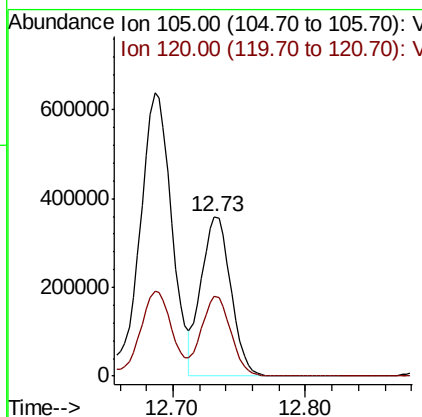
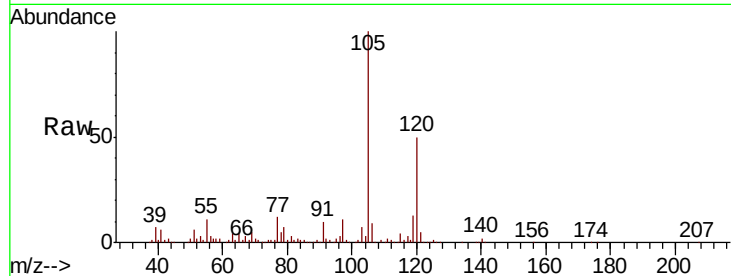




#80
 1,3,5-Trimethylbenzene
 Concen: 19.75 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

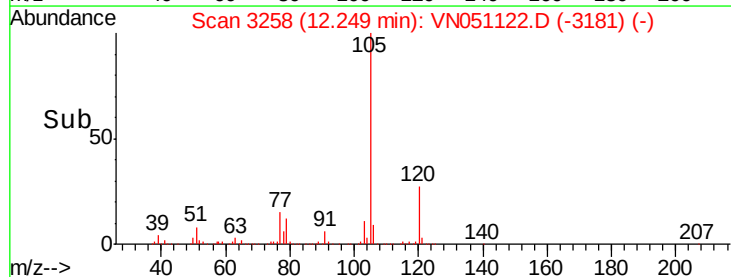
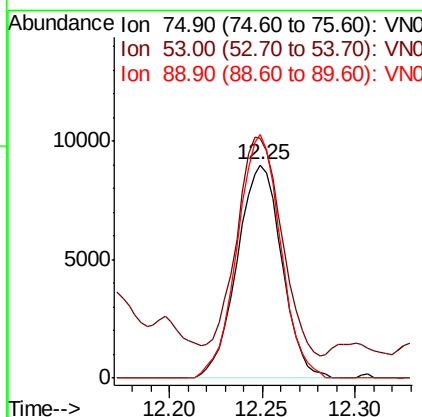
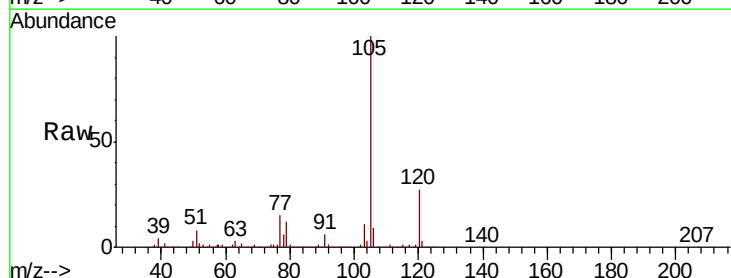
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-CDL

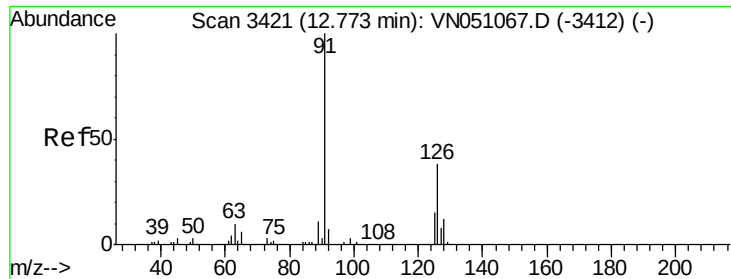
Tot Ion:105 Resp: 557249
 Ion Ratio Lower Upper
 105 100
 120 51.0 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.88 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

Tgt Ion: 75 Resp: 15082
 Ion Ratio Lower Upper
 75 100
 53 102.8 67.8 101.8#
 89 110.7 36.0 54.0#





#82

4-Chlorotoluene

Concen: 4.42 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. -0.09 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampleId :

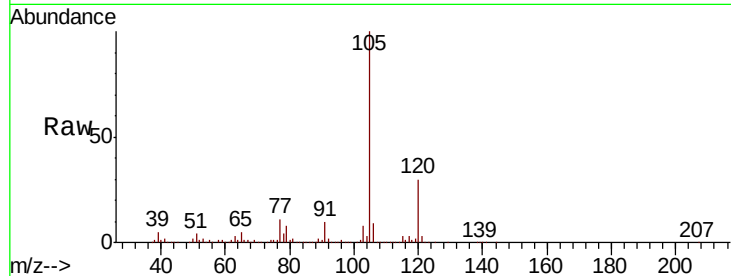
EP1-MW-CDL

Tot Ion: 91 Resp: 105177

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN051122.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN051122.D (-3328) (-)

1500000

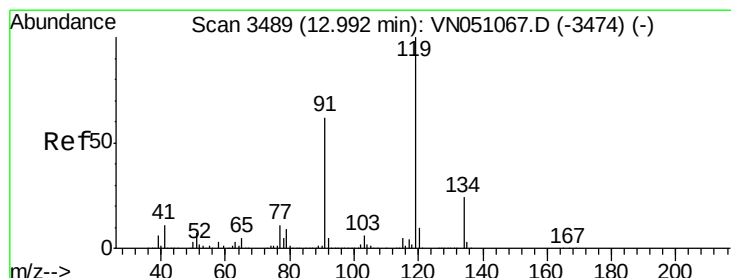
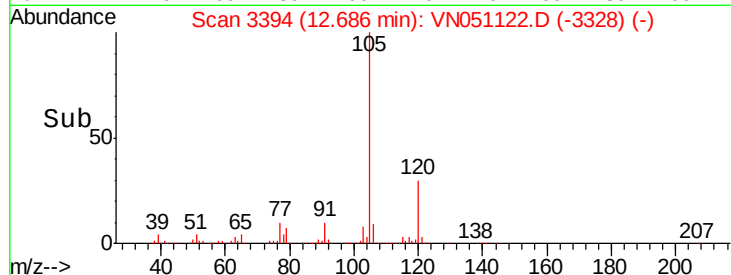
1000000

500000

0

12.65 12.70

Time-->



#83

tert-Butylbenzene

Concen: 4.74 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

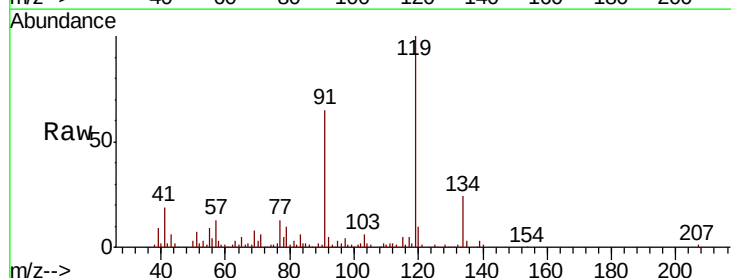
Tgt Ion: 119 Resp: 118113

Ion Ratio Lower Upper

119 100

91 66.2 30.8 92.3

134 24.9 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): VN051122.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN051122.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN051122.D (-3396) (-)

600000

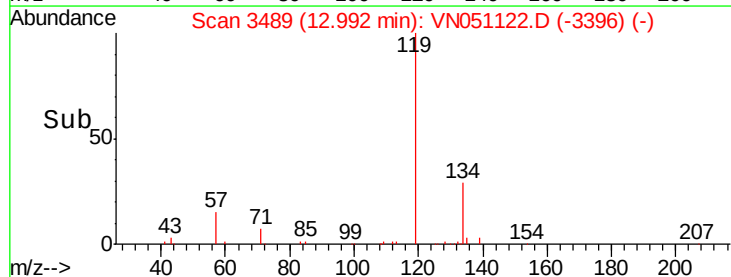
400000

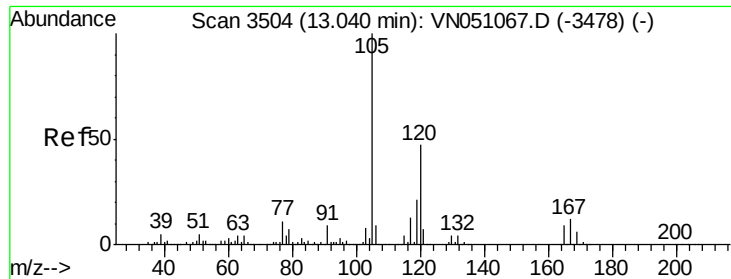
200000

0

12.95 13.00

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 257.54 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampled :

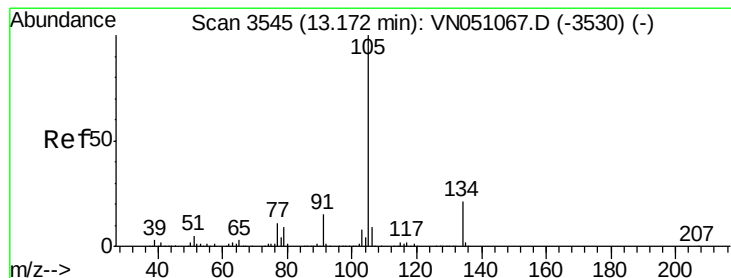
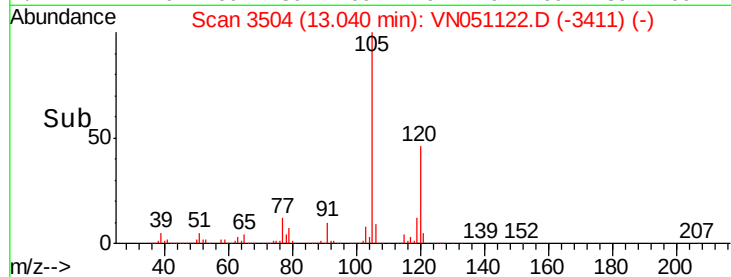
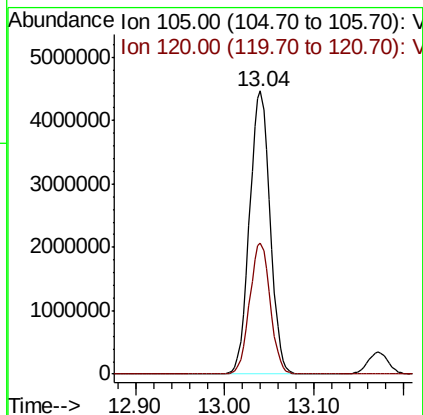
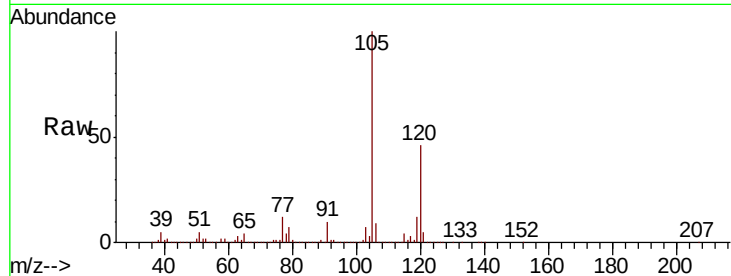
EP1-MW-CDL

Tot Ion:105 Resp: 7144279

Ion Ratio Lower Upper

105 100

120 46.6 23.3 69.8



#85

sec-Butylbenzene

Concen: 17.16 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051122.D

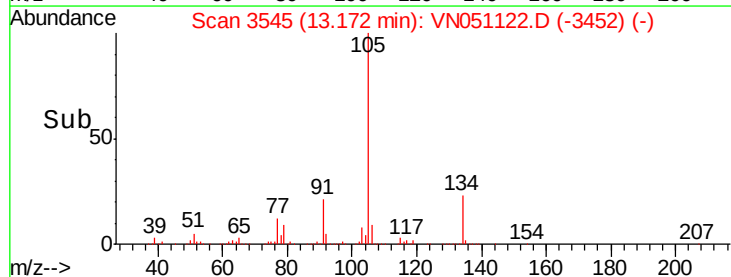
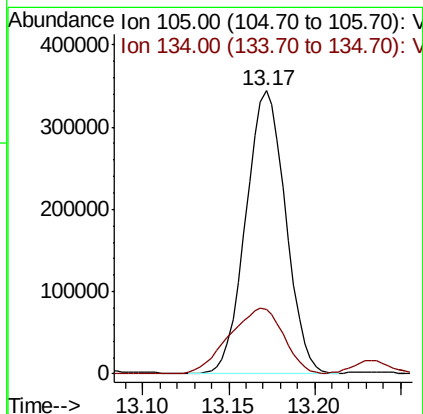
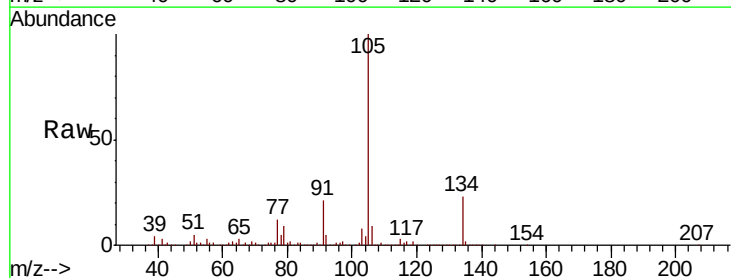
Acq: 11 Sep 2018 13:09

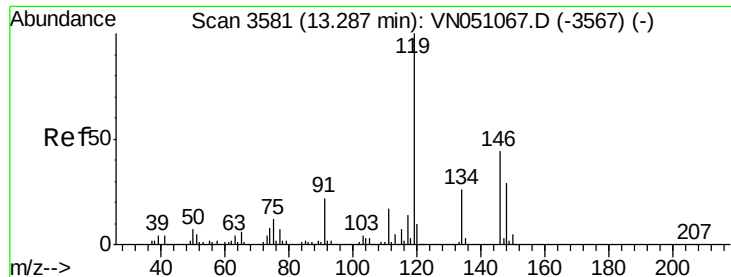
Tgt Ion:105 Resp: 548012

Ion Ratio Lower Upper

105 100

134 32.1 10.4 31.4#

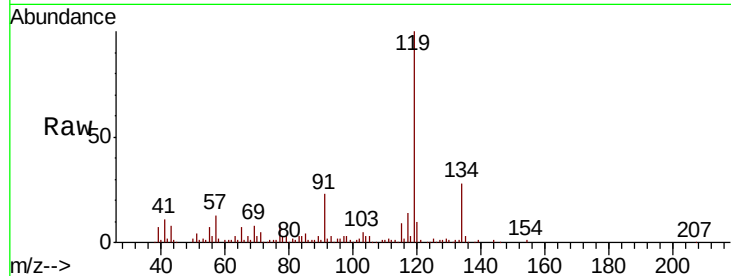




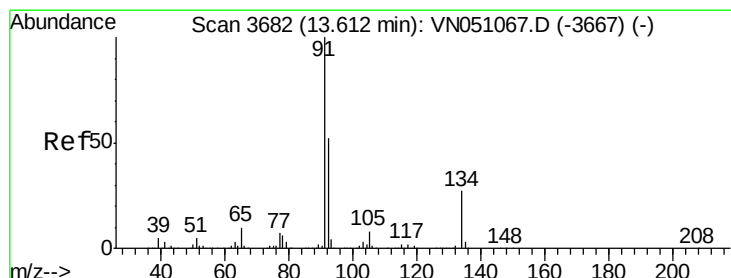
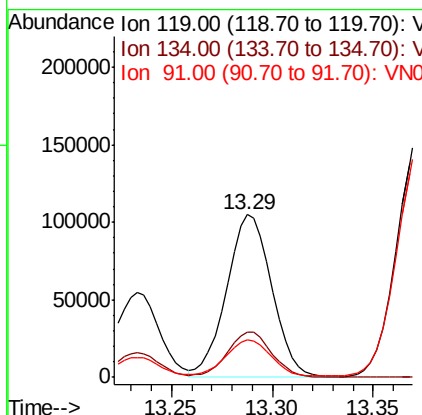
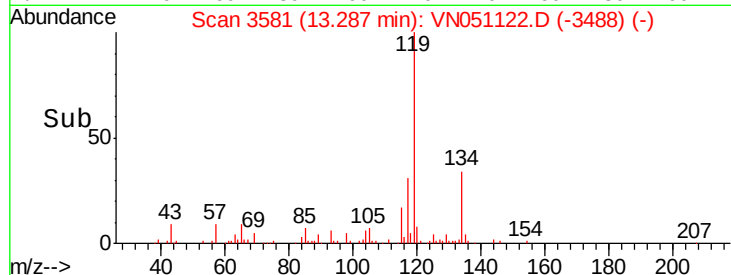
#86
 p-Isopropyltoluene
 Concen: 6.03 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-CDL

Tot Ion: 119 Resp: 163400
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.5 40.4
 91 22.2 10.9 32.9

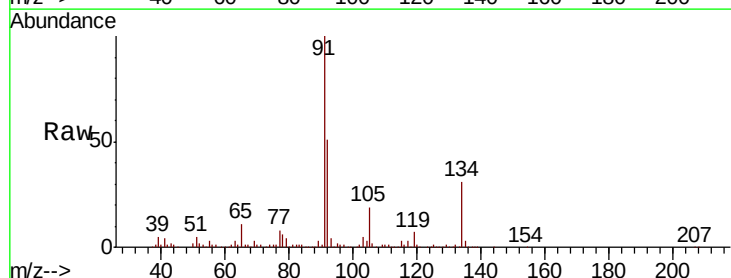


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

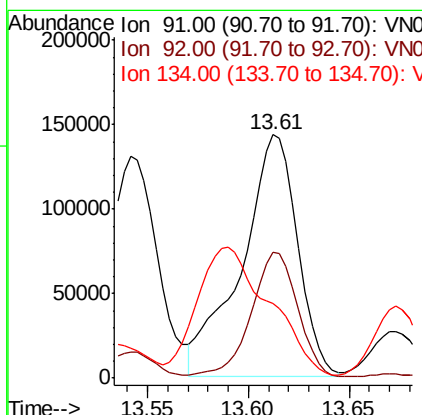
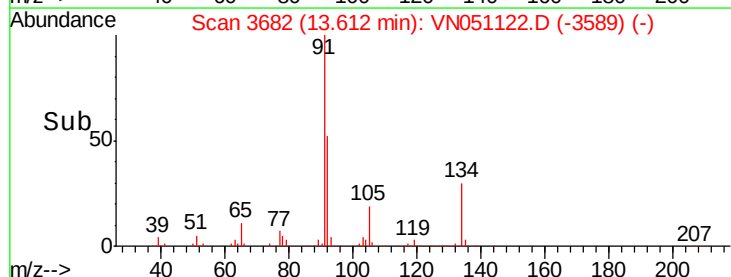


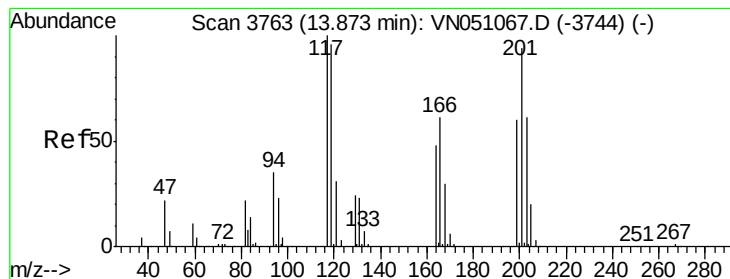
#89
 n-Butylbenzene
 Concen: 13.14 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

Tgt Ion: 91 Resp: 276911
 Ion Ratio Lower Upper
 91 100
 92 42.5 26.2 78.6
 134 0.0 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: 17.55 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

Instrument :

MSVOA_N

ClientSampled :

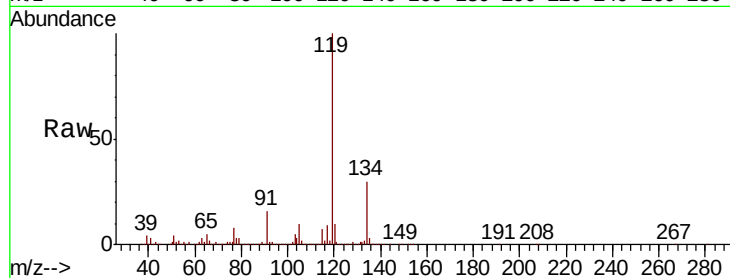
EP1-MW-CDL

Tot Ion:117 Resp: 88506

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

200000

150000

100000

50000

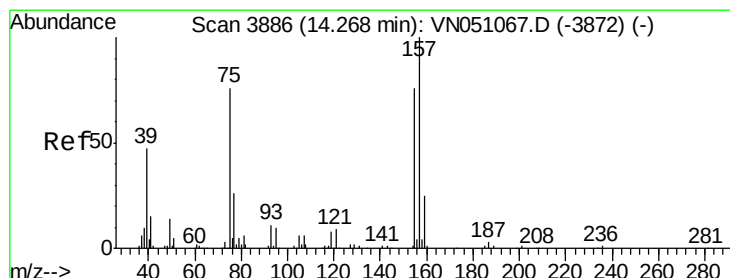
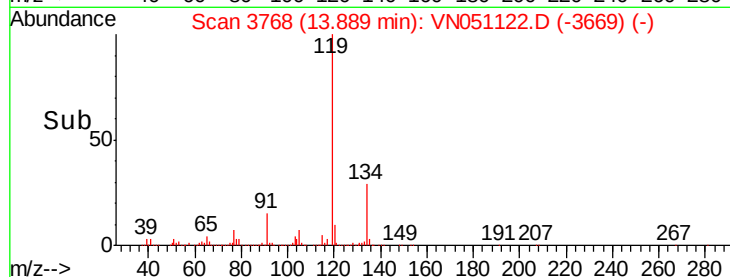
0

13.85

13.90

13.89

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.99 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.03 min

Lab File: VN051122.D

Acq: 11 Sep 2018 13:09

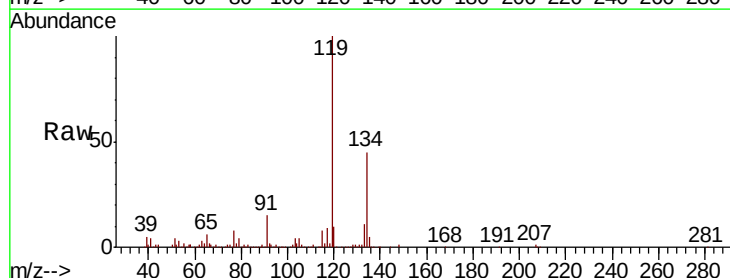
Tgt Ion: 75 Resp: 1614

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 63.6 190.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

2500

2000

1500

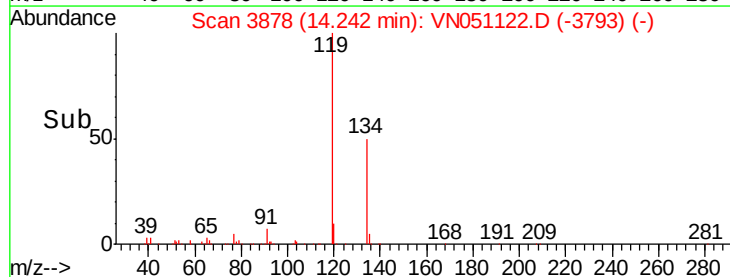
1000

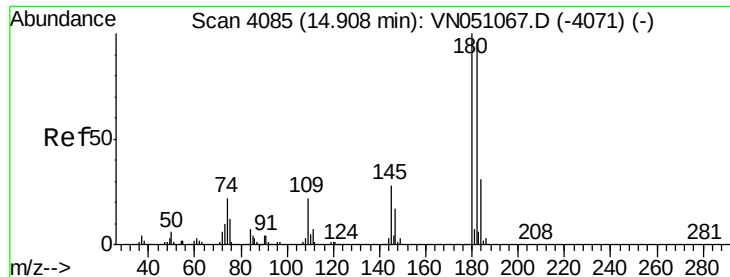
500

0

14.25

Time-->

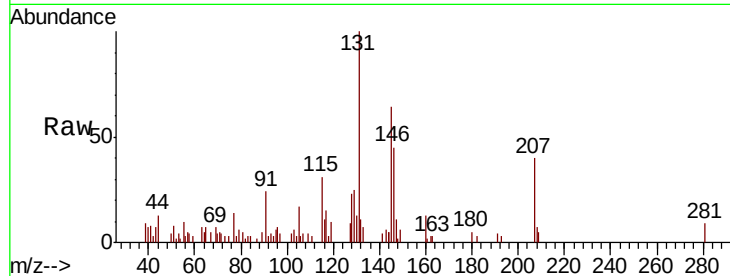




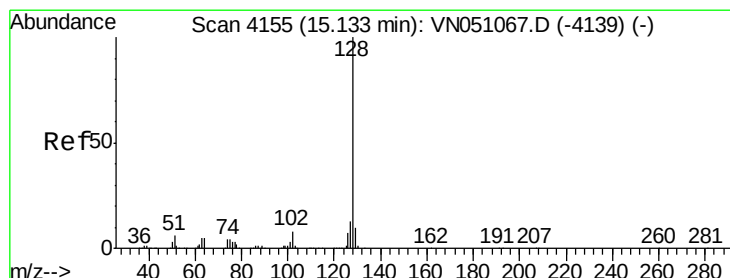
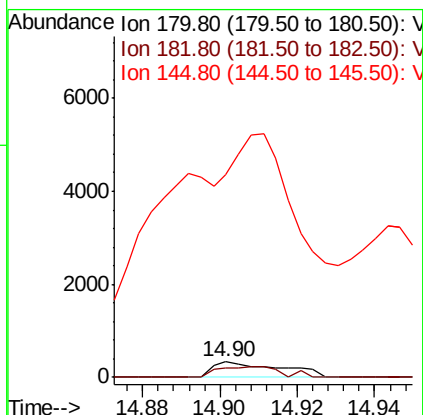
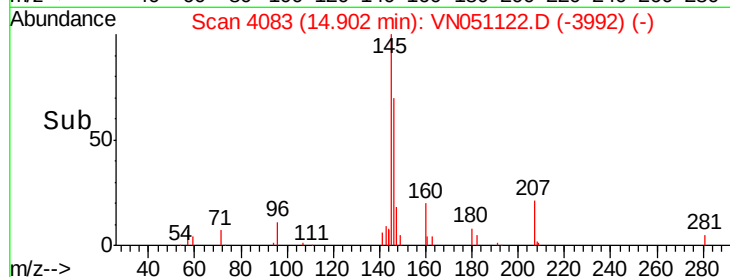
#93
 1,2,4-Trichlorobenzene
 Concen: 4.03 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.01 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-CDL

Tot Ion:180 Resp: 405
 Ion Ratio Lower Upper
 180 100
 182 64.4 47.3 141.8
 145 1215.1 14.2 42.6#

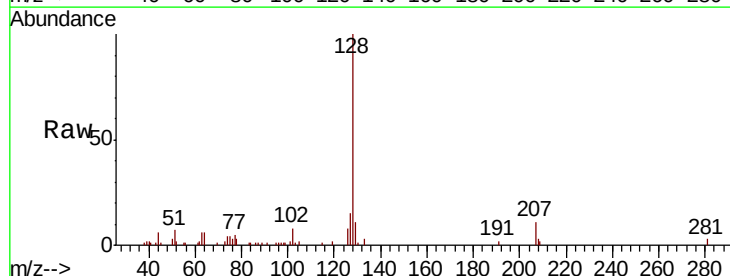


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

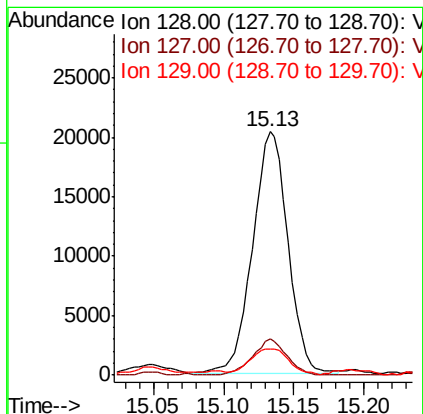
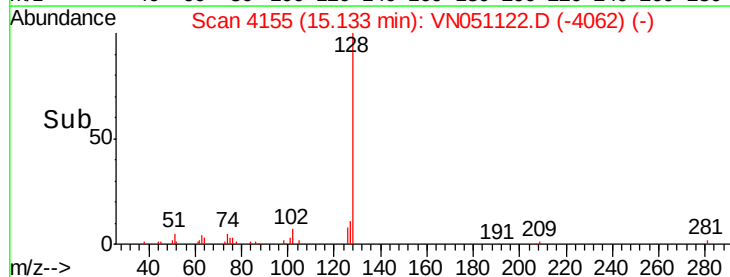


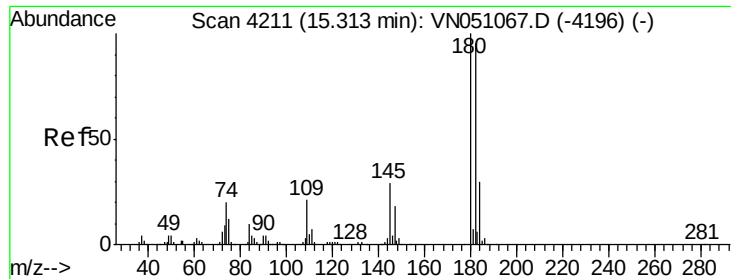
#95
 Naphthalene
 Concen: 7.36 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

Tgt Ion:128 Resp: 35446
 Ion Ratio Lower Upper
 128 100
 127 14.3 10.6 15.8
 129 12.0 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

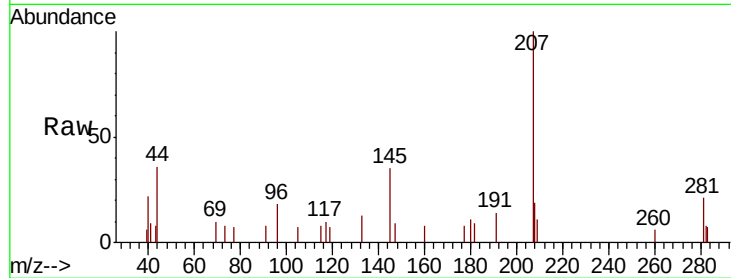




#96
 1,2,3-Trichlorobenzene
 Concen: 2.97 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN051122.D
 Acq: 11 Sep 2018 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-CDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	131.5	47.8	143.3
145	0.0	14.6	43.8#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

